

Appendix E

Conducted RF Output Power Table

Measurement of RF conducted Power	
1	Conducted Power of Main Antenna (Ant0)
2	Conducted Power of Main Antenna (Ant1)
3	Conducted Power of Main Antenna (Ant2)
4	Conducted Power of Main Antenna (Ant4)
5	Conducted Power of LTE Uplink CA
6	Conducted Power of LTE Down CA
7	Conducted Power of NR Antenna
7.1	Conducted Power of NR Antenna (Ant0)
7.2	Conducted Power of NR Antenna (Ant1)
7.3	Conducted Power of NR Antenna (Ant2)
7.4	Conducted Power of NR Antenna (Ant4)
8	Conducted Power of WiFi and Bluetooth
8.1	Conducted Power of WiFi
8.2	Conducted Power of Bluetooth

Note:

Scenario	Trigger Conditions	Antenna No.
Head	Hotspot off/on+Receiver on	All WWAN Ant
Body worn	Hotspot off+Receiver off	All WWAN Ant
Hotspot	Hotspot on+Receiver off	All WWAN Ant

Scenario	Trigger Conditions	Antenna No.
Head Standalone	Receiver on+Cellular TX off	All WLAN Ant
Body worn Standalone	Receiver off+Cellular TX off	All WLAN Ant
Head Simultaneous	Receiver on+Cellular TX on	All WLAN Ant
Hotspot	Receiver off+Cellular TX on+Hotspot on	All WLAN Ant
Body worn Simultaneous	Receiver off+Cellular TX on+Hotspot off	All WLAN Ant

Measurement of RF conducted Power

1 Conducted Power of Main Antenna(Ant0)

1.1 Conducted Power of GSM

GSM 850 Head/Body(15mm/0mm)/Hotspot										
Burst Output Power(dBm)						Division Factors	Frame-Average Output Power(dBm)			
Channel		128	190	251	Tune up		128	190	251	Tune up
GSM(GMSK)	GSM	31.49	31.59	31.48	32.50	-9.19	22.30	22.40	22.29	23.31
GPRS (GMSK)	1 TX Slot	31.45	31.43	31.41	32.50	-9.19	22.26	22.24	22.22	23.31
	2 TX Slots	30.90	30.99	30.97	32.00	-6.18	24.72	24.81	24.79	25.82
	3 TX Slots	29.46	29.48	29.44	30.50	-4.42	25.04	25.06	25.02	26.08
	4 TX Slots	28.01	28.03	28.04	29.00	-3.17	24.84	24.86	24.87	25.83
EGPRS (GMSK)	1 TX Slot	31.55	31.47	31.47	32.50	-9.19	22.36	22.28	22.28	23.31
	2 TX Slots	31.06	30.99	31.02	32.00	-6.18	24.88	24.81	24.84	25.82
	3 TX Slots	29.41	29.46	29.47	30.50	-4.42	24.99	25.04	25.05	26.08
	4 TX Slots	27.98	28.04	28.03	29.00	-3.17	24.81	24.87	24.86	25.83
EGPRS (8PSK)	1 TX Slot	26.43	26.49	26.45	27.50	-9.19	17.24	17.30	17.26	18.31
	2 TX Slots	25.56	25.51	25.44	26.50	-6.18	19.38	19.33	19.26	20.32
	3 TX Slots	23.99	23.97	24.00	25.00	-4.42	19.57	19.55	19.58	20.58
	4 TX Slots	22.45	22.40	22.48	23.50	-3.17	19.28	19.23	19.31	20.33

1.2 Conducted Power of WCDMA

WCDMA Band 5 Head/Body(15mm/0mm)/Hotspot					
Average Conducted Power(dBm)					
Channel		4132	4182	4233	Tune up
WCDMA	12.2kbps RMC	23.21	23.26	23.25	24.50
	12.2kbps AMR	23.20	23.19	23.19	24.50
HSDPA	Subtest 1	22.06	22.04	22.01	23.00
	Subtest 2	21.53	21.57	21.57	22.50
	Subtest 3	21.05	21.08	21.03	22.00
	Subtest 4	21.04	21.09	21.06	22.00
HSUPA	Subtest 1	20.60	20.61	20.54	21.50
	Subtest 2	19.62	19.58	19.53	20.50
	Subtest 3	20.54	20.52	20.56	21.50
	Subtest 4	19.58	19.51	19.56	20.50
	Subtest 5	21.60	21.60	21.58	22.50
DC-HSDPA	Subtest 1	22.06	22.03	22.02	23.00
	Subtest 2	21.58	21.51	21.59	22.50
	Subtest 3	21.11	21.12	21.08	22.00
	Subtest 4	21.11	21.07	21.07	22.00
HSPA+	16QAM	21.02	21.11	21.11	22.00

1.3 Conducted Power of LTE

LTE Band 5 Head				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
1.4MHz	QPSK	1	0	20407	20525	20643	22.00
		1	2	21.43	21.44	21.43	22.00
		1	5	21.51	21.40	21.44	22.00
		1	5	21.44	21.45	21.51	22.00

		3	0	21.45	21.52	21.43	22.00
		3	2	21.51	21.39	21.47	22.00
		3	3	21.51	21.45	21.47	22.00
		6	0	21.39	21.40	21.29	22.00
	16QAM	1	0	21.31	21.32	21.29	22.00
		1	2	21.32	21.32	21.34	22.00
		1	5	21.40	21.35	21.36	22.00
		3	0	21.30	21.38	21.36	22.00
		3	2	21.32	21.29	21.38	22.00
		3	3	21.36	21.40	21.33	22.00
		6	0	20.37	20.35	20.31	21.00
	64QAM	1	0	20.40	20.33	20.40	21.00
		1	2	20.36	20.35	20.35	21.00
		1	5	20.33	20.40	20.32	21.00
		3	0	20.39	20.35	20.34	21.00
		3	2	20.39	20.39	20.30	21.00
		3	3	20.39	20.31	20.38	21.00
		6	0	19.34	19.39	19.36	20.00
	256QAM	1	0	17.32	17.29	17.30	18.00
		1	2	17.35	17.36	17.32	18.00
		1	5	17.29	17.36	17.39	18.00
		3	0	17.38	17.33	17.37	18.00
		3	2	17.34	17.37	17.33	18.00
		3	3	17.34	17.31	17.36	18.00
		6	0	17.35	17.31	17.32	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20415	20525	20635	
3MHz	QPSK	1	0	21.47	21.44	21.45	22.00
		1	7	21.52	21.49	21.48	22.00
		1	14	21.45	21.50	21.48	22.00
		8	0	21.51	21.43	21.50	22.00
		8	4	21.47	21.46	21.49	22.00
		8	7	21.49	21.41	21.51	22.00
		15	0	21.44	21.49	21.47	22.00
	16QAM	1	0	21.43	21.50	21.48	22.00
		1	7	21.45	21.51	21.42	22.00
		1	14	21.51	21.48	21.48	22.00
		8	0	20.47	20.46	20.42	21.00
		8	4	20.45	20.45	20.51	21.00
		8	7	20.50	20.41	20.50	21.00
		15	0	20.48	20.42	20.47	21.00
	64QAM	1	0	20.47	20.49	20.47	21.00
		1	7	20.41	20.44	20.47	21.00
		1	14	20.51	20.47	20.44	21.00
		8	0	19.48	19.41	19.41	20.00
		8	4	19.47	19.45	19.43	20.00
		8	7	19.47	19.51	19.50	20.00
		15	0	19.48	19.44	19.43	20.00
	256QAM	1	0	17.52	17.51	17.44	18.00
		1	7	17.51	17.48	17.43	18.00
		1	14	17.48	17.43	17.50	18.00

		8	0	17.46	17.42	17.41	18.00
		8	4	17.46	17.41	17.49	18.00
		8	7	17.42	17.49	17.40	18.00
		15	0	17.44	17.43	17.50	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20425	20525	20625	
5MHz	QPSK	1	0	21.41	21.43	21.45	22.00
		1	13	21.50	21.47	21.47	22.00
		1	24	21.44	21.49	21.48	22.00
		12	0	21.46	21.43	21.43	22.00
		12	6	21.42	21.45	21.46	22.00
		12	13	21.40	21.41	21.46	22.00
		25	0	21.45	21.47	21.51	22.00
	16QAM	1	0	21.51	21.45	21.44	22.00
		1	13	21.43	21.46	21.45	22.00
		1	24	21.44	21.49	21.43	22.00
		12	0	20.44	20.49	20.49	21.00
		12	6	20.46	20.52	20.43	21.00
		12	13	20.51	20.47	20.43	21.00
		25	0	20.47	20.41	20.46	21.00
	64QAM	1	0	20.42	20.51	20.45	21.00
		1	13	20.43	20.43	20.50	21.00
		1	24	20.46	20.45	20.47	21.00
		12	0	19.42	19.45	19.45	20.00
		12	6	19.48	19.40	19.47	20.00
		12	13	19.47	19.46	19.45	20.00
		25	0	19.42	19.51	19.42	20.00
	256QAM	1	0	17.45	17.49	17.46	18.00
		1	13	17.47	17.48	17.49	18.00
		1	24	17.40	17.47	17.48	18.00
		12	0	17.42	17.51	17.44	18.00
		12	6	17.47	17.45	17.42	18.00
		12	13	17.51	17.42	17.44	18.00
		25	0	17.51	17.50	17.49	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20450	20525	20600	
10MHz	QPSK	1	0	21.41	21.58	21.47	22.00
		1	25	21.57	21.53	21.44	22.00
		1	49	21.46	21.51	21.49	22.00
		25	0	21.48	21.52	21.47	22.00
		25	13	21.51	21.44	21.49	22.00
		25	25	21.50	21.41	21.43	22.00
		50	0	21.40	21.48	21.51	22.00
	16QAM	1	0	21.49	21.42	21.42	22.00
		1	25	21.51	21.49	21.45	22.00
		1	49	21.45	21.43	21.49	22.00
		25	0	20.51	20.47	20.47	21.00
		25	13	20.45	20.46	20.46	21.00
		25	25	20.52	20.48	20.42	21.00
		50	0	20.42	20.46	20.50	21.00
	64QAM	1	0	20.49	20.41	20.44	21.00

		1	25	20.50	20.51	20.45	21.00
		1	49	20.49	20.46	20.44	21.00
		25	0	19.43	19.41	19.42	20.00
		25	13	19.51	19.50	19.42	20.00
		25	25	19.43	19.42	19.52	20.00
		50	0	19.45	19.43	19.45	20.00
	256QAM	1	0	17.43	17.43	17.46	18.00
		1	25	17.48	17.47	17.48	18.00
		1	49	17.45	17.51	17.44	18.00
		25	0	17.46	17.43	17.46	18.00
		25	13	17.41	17.44	17.52	18.00
		25	25	17.41	17.51	17.41	18.00
		50	0	17.51	17.40	17.46	18.00

LTE Band 5 Head For ULCA/ENDC				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20407	20525	20643	
1.4MHz	QPSK	1	0	20.38	20.42	20.36	21.00
		1	2	20.41	20.42	20.29	21.00
		1	5	20.43	20.40	20.36	21.00
		3	0	20.38	20.43	20.40	21.00
		3	2	20.38	20.46	20.38	21.00
		3	3	20.38	20.39	20.39	21.00
		6	0	20.42	20.40	20.37	21.00
	16QAM	1	0	20.33	20.34	20.43	21.00
		1	2	20.38	20.41	20.43	21.00
		1	5	20.41	20.44	20.40	21.00
		3	0	20.30	20.40	20.44	21.00
		3	2	20.38	20.38	20.35	21.00
		3	3	20.43	20.43	20.37	21.00
		6	0	20.31	20.29	20.31	21.00
	64QAM	1	0	20.35	20.36	20.28	21.00
		1	2	20.32	20.34	20.29	21.00
		1	5	20.28	20.31	20.31	21.00
		3	0	20.29	20.29	20.32	21.00
		3	2	20.31	20.38	20.28	21.00
		3	3	20.37	20.37	20.33	21.00
		6	0	19.30	19.32	19.38	20.00
	256QAM	1	0	17.29	17.32	17.39	18.00
		1	2	17.30	17.29	17.38	18.00
		1	5	17.33	17.34	17.33	18.00
		3	0	17.39	17.36	17.39	18.00
		3	2	17.36	17.39	17.30	18.00
		3	3	17.34	17.31	17.32	18.00
		6	0	17.31	17.36	17.33	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
3MHz	QPSK	1	0	20.38	20.44	20.35	21.00
		1	7	20.43	20.35	20.40	21.00

		1	14	20.47	20.37	20.41	21.00
		8	0	20.41	20.41	20.43	21.00
		8	4	20.38	20.44	20.36	21.00
		8	7	20.35	20.32	20.38	21.00
		15	0	20.36	20.46	20.45	21.00
	16QAM	1	0	20.30	20.36	20.48	21.00
		1	7	20.40	20.42	20.39	21.00
		1	14	20.44	20.37	20.43	21.00
		8	0	20.39	20.44	20.37	21.00
		8	4	20.43	20.33	20.43	21.00
		8	7	20.42	20.34	20.37	21.00
		15	0	20.37	20.35	20.44	21.00
	64QAM	1	0	20.39	20.35	20.34	21.00
		1	7	20.40	20.44	20.34	21.00
		1	14	20.38	20.37	20.33	21.00
		8	0	19.41	19.38	19.37	20.00
		8	4	19.40	19.33	19.43	20.00
		8	7	19.36	19.45	19.44	20.00
	256QAM	15	0	19.44	19.45	19.40	20.00
		1	0	17.44	17.34	17.34	18.00
		1	7	17.40	17.44	17.44	18.00
		1	14	17.41	17.38	17.38	18.00
		8	0	17.42	17.40	17.44	18.00
		8	4	17.41	17.43	17.42	18.00
		8	7	17.42	17.39	17.41	18.00
		15	0	17.42	17.33	17.35	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20425	20525	20625	
5MHz	QPSK	1	0	20.40	20.43	20.42	21.00
		1	13	20.42	20.35	20.31	21.00
		1	24	20.40	20.47	20.38	21.00
		12	0	20.49	20.43	20.34	21.00
		12	6	20.39	20.40	20.36	21.00
		12	13	20.44	20.29	20.41	21.00
		25	0	20.33	20.42	20.41	21.00
	16QAM	1	0	20.33	20.36	20.51	21.00
		1	13	20.40	20.44	20.39	21.00
		1	24	20.39	20.43	20.43	21.00
		12	0	20.39	20.44	20.37	21.00
		12	6	20.42	20.42	20.45	21.00
		12	13	20.41	20.35	20.39	21.00
		25	0	20.40	20.33	20.41	21.00
	64QAM	1	0	20.35	20.37	20.42	21.00
		1	13	20.34	20.36	20.41	21.00
		1	24	20.39	20.36	20.38	21.00
		12	0	19.35	19.34	19.43	20.00
		12	6	19.38	19.41	19.42	20.00
		12	13	19.37	19.44	19.41	20.00
		25	0	19.38	19.42	19.45	20.00
	256QAM	1	0	17.44	17.37	17.39	18.00
		1	13	17.43	17.45	17.35	18.00

		1	24	17.34	17.34	17.35	18.00
		12	0	17.36	17.40	17.40	18.00
		12	6	17.37	17.34	17.44	18.00
		12	13	17.37	17.39	17.38	18.00
		25	0	17.42	17.44	17.40	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20450	20525	20600	
10MHz	QPSK	1	0	20.46	20.54	20.35	21.00
		1	25	20.49	20.47	20.33	21.00
		1	49	20.48	20.41	20.43	21.00
		25	0	20.39	20.51	20.33	21.00
		25	13	20.36	20.30	20.46	21.00
		25	25	20.49	20.33	20.31	21.00
		50	0	20.37	20.47	20.41	21.00
	16QAM	1	0	20.32	20.44	20.38	21.00
		1	25	20.38	20.43	20.37	21.00
		1	49	20.31	20.44	20.38	21.00
		25	0	20.33	20.38	20.38	21.00
		25	13	20.38	20.41	20.34	21.00
		25	25	20.35	20.38	20.37	21.00
		50	0	20.33	20.37	20.40	21.00
	64QAM	1	0	20.43	20.40	20.42	21.00
		1	25	20.44	20.34	20.41	21.00
		1	49	20.38	20.41	20.40	21.00
		25	0	19.33	19.35	19.35	20.00
		25	13	19.38	19.43	19.37	20.00
		25	25	19.38	19.43	19.36	20.00
		50	0	19.37	19.40	19.41	20.00
	256QAM	1	0	17.39	17.45	17.41	18.00
		1	25	17.42	17.34	17.37	18.00
		1	49	17.33	17.45	17.38	18.00
		25	0	17.35	17.40	17.34	18.00
		25	13	17.34	17.35	17.43	18.00
		25	25	17.42	17.41	17.41	18.00
		50	0	17.35	17.42	17.37	18.00

LTE Band 5 Body(15mm/0mm)/Hotspot				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20407	20525	20643	
1.4MHz	QPSK	1	0	22.40	22.34	22.31	23.00
		1	2	22.38	22.36	22.35	23.00
		1	5	22.32	22.35	22.37	23.00
		3	0	22.30	22.32	22.36	23.00
		3	2	22.31	22.40	22.29	23.00
		3	3	22.37	22.37	22.39	23.00
		6	0	21.39	21.40	21.29	22.00
	16QAM	1	0	21.31	21.32	21.29	22.00
		1	2	21.32	21.32	21.34	22.00
		1	5	21.40	21.35	21.36	22.00

		3	0	21.30	21.38	21.36	22.00
		3	2	21.32	21.29	21.38	22.00
		3	3	21.36	21.40	21.33	22.00
		6	0	20.37	20.35	20.31	21.00
	64QAM	1	0	20.40	20.33	20.40	21.00
		1	2	20.36	20.35	20.35	21.00
		1	5	20.33	20.40	20.32	21.00
		3	0	20.39	20.35	20.34	21.00
		3	2	20.39	20.39	20.30	21.00
		3	3	20.39	20.31	20.38	21.00
		6	0	19.34	19.39	19.36	20.00
	256QAM	1	0	17.32	17.29	17.30	18.00
		1	2	17.35	17.36	17.32	18.00
		1	5	17.29	17.36	17.39	18.00
		3	0	17.38	17.33	17.37	18.00
		3	2	17.34	17.37	17.33	18.00
		3	3	17.34	17.31	17.36	18.00
		6	0	17.35	17.31	17.32	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20415	20525	20635	
3MHz	QPSK	1	0	22.47	22.45	22.50	23.00
		1	7	22.40	22.46	22.52	23.00
		1	14	22.52	22.46	22.51	23.00
		8	0	21.51	21.43	21.50	22.00
		8	4	21.47	21.46	21.49	22.00
		8	7	21.49	21.41	21.51	22.00
		15	0	21.44	21.49	21.47	22.00
	16QAM	1	0	21.43	21.50	21.48	22.00
		1	7	21.45	21.51	21.42	22.00
		1	14	21.51	21.48	21.48	22.00
		8	0	20.47	20.46	20.42	21.00
		8	4	20.45	20.45	20.51	21.00
		8	7	20.50	20.41	20.50	21.00
		15	0	20.48	20.42	20.47	21.00
	64QAM	1	0	20.47	20.49	20.47	21.00
		1	7	20.41	20.44	20.47	21.00
		1	14	20.51	20.47	20.44	21.00
		8	0	19.48	19.41	19.41	20.00
		8	4	19.47	19.45	19.43	20.00
		8	7	19.47	19.51	19.50	20.00
		15	0	19.48	19.44	19.43	20.00
	256QAM	1	0	17.52	17.51	17.44	18.00
		1	7	17.51	17.48	17.43	18.00
		1	14	17.48	17.43	17.50	18.00
		8	0	17.46	17.42	17.41	18.00
		8	4	17.46	17.41	17.49	18.00
		8	7	17.42	17.49	17.40	18.00
		15	0	17.44	17.43	17.50	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20425	20525	20625	
5MHz	QPSK	1	0	22.43	22.46	22.42	23.00

		1	13	22.52	22.44	22.44	23.00
		1	24	22.48	22.45	22.49	23.00
		12	0	21.46	21.43	21.43	22.00
		12	6	21.42	21.45	21.46	22.00
		12	13	21.40	21.41	21.46	22.00
		25	0	21.45	21.47	21.51	22.00
	16QAM	1	0	21.51	21.45	21.44	22.00
		1	13	21.43	21.46	21.45	22.00
		1	24	21.44	21.49	21.43	22.00
		12	0	20.44	20.49	20.49	21.00
		12	6	20.46	20.52	20.43	21.00
		12	13	20.51	20.47	20.43	21.00
	64QAM	25	0	20.47	20.41	20.46	21.00
		1	0	20.42	20.51	20.45	21.00
		1	13	20.43	20.43	20.50	21.00
		1	24	20.46	20.45	20.47	21.00
		12	0	19.42	19.45	19.45	20.00
		12	6	19.48	19.40	19.47	20.00
	256QAM	12	13	19.47	19.46	19.45	20.00
		25	0	19.42	19.51	19.42	20.00
		1	0	17.45	17.49	17.46	18.00
		1	13	17.47	17.48	17.49	18.00
		1	24	17.40	17.47	17.48	18.00
		12	0	17.42	17.51	17.44	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20450	20525	20600	
10MHz	QPSK	1	0	22.41	22.54	22.51	23.00
		1	25	22.52	22.48	22.45	23.00
		1	49	22.48	22.51	22.47	23.00
		25	0	21.48	21.52	21.47	22.00
		25	13	21.51	21.44	21.49	22.00
		25	25	21.50	21.41	21.43	22.00
		50	0	21.40	21.48	21.51	22.00
	16QAM	1	0	21.49	21.42	21.42	22.00
		1	25	21.51	21.49	21.45	22.00
		1	49	21.45	21.43	21.49	22.00
		25	0	20.51	20.47	20.47	21.00
		25	13	20.45	20.46	20.46	21.00
		25	25	20.52	20.48	20.42	21.00
	64QAM	50	0	20.42	20.46	20.50	21.00
		1	0	20.49	20.41	20.44	21.00
		1	25	20.50	20.51	20.45	21.00
		1	49	20.49	20.46	20.44	21.00
		25	0	19.43	19.41	19.42	20.00
		25	13	19.51	19.50	19.42	20.00
	256QAM	25	25	19.43	19.42	19.52	20.00
		50	0	19.45	19.43	19.45	20.00
		1	0	17.43	17.43	17.46	18.00

		1	25	17.48	17.47	17.48	18.00
		1	49	17.45	17.51	17.44	18.00
		25	0	17.46	17.43	17.46	18.00
		25	13	17.41	17.44	17.52	18.00
		25	25	17.41	17.51	17.41	18.00
		50	0	17.51	17.40	17.46	18.00

LTE FDD Band 12 Head/Body(15mm/0mm)/Hotspot				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				23017	23095	23173	
1.4MHz	QPSK	1	0	23.46	23.43	23.47	24.00
		1	2	23.46	23.44	23.49	24.00
		1	5	23.46	23.52	23.52	24.00
		3	0	23.44	23.50	23.45	24.00
		3	2	23.51	23.49	23.49	24.00
		3	3	23.43	23.53	23.46	24.00
		6	0	22.51	22.44	22.54	23.00
	16QAM	1	0	22.54	22.44	22.53	23.00
		1	2	22.45	22.50	22.51	23.00
		1	5	22.54	22.54	22.49	23.00
		3	0	22.54	22.46	22.52	23.00
		3	2	22.51	22.50	22.43	23.00
		3	3	22.51	22.44	22.52	23.00
		6	0	21.43	21.43	21.48	22.00
	64QAM	1	0	21.43	21.49	21.48	22.00
		1	2	21.51	21.54	21.53	22.00
		1	5	21.45	21.45	21.49	22.00
		3	0	21.54	21.53	21.54	22.00
		3	2	21.51	21.47	21.54	22.00
		3	3	21.47	21.48	21.47	22.00
		6	0	20.49	20.55	20.51	21.00
	256QAM	1	0	18.44	18.48	18.45	19.00
		1	2	18.45	18.51	18.49	19.00
		1	5	18.50	18.53	18.44	19.00
		3	0	18.51	18.47	18.43	19.00
		3	2	18.55	18.46	18.47	19.00
		3	3	18.50	18.44	18.52	19.00
		6	0	18.48	18.49	18.46	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				23025	23095	23165	
3MHz	QPSK	1	0	23.61	23.64	23.64	24.00
		1	7	23.60	23.65	23.63	24.00
		1	14	23.61	23.60	23.56	24.00
		8	0	22.63	22.55	22.58	23.00
		8	4	22.55	22.61	22.60	23.00
		8	7	22.60	22.59	22.56	23.00
		15	0	22.62	22.62	22.58	23.00
	16QAM	1	0	22.61	22.62	22.56	23.00
		1	7	22.55	22.64	22.57	23.00

		1	14	22.54	22.60	22.54	23.00
		8	0	21.63	21.57	21.65	22.00
		8	4	21.55	21.64	21.56	22.00
		8	7	21.61	21.55	21.57	22.00
		15	0	21.56	21.61	21.57	22.00
	64QAM	1	0	21.56	21.61	21.55	22.00
		1	7	21.54	21.63	21.63	22.00
		1	14	21.60	21.56	21.54	22.00
		8	0	20.64	20.54	20.61	21.00
		8	4	20.65	20.59	20.59	21.00
		8	7	20.57	20.56	20.63	21.00
		15	0	20.64	20.64	20.60	21.00
	256QAM	1	0	18.53	18.60	18.57	19.00
		1	7	18.57	18.54	18.64	19.00
		1	14	18.57	18.58	18.56	19.00
		8	0	18.63	18.57	18.65	19.00
		8	4	18.54	18.63	18.61	19.00
		8	7	18.56	18.55	18.58	19.00
		15	0	18.63	18.62	18.64	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				23035	23095	23155	
5MHz	QPSK	1	0	23.60	23.58	23.63	24.00
		1	13	23.60	23.64	23.61	24.00
		1	24	23.61	23.65	23.62	24.00
		12	0	22.55	22.60	22.64	23.00
		12	6	22.64	22.55	22.53	23.00
		12	13	22.55	22.60	22.63	23.00
		25	0	22.62	22.61	22.57	23.00
	16QAM	1	0	22.54	22.56	22.57	23.00
		1	13	22.55	22.58	22.60	23.00
		1	24	22.61	22.58	22.64	23.00
		12	0	21.59	21.61	21.65	22.00
		12	6	21.59	21.62	21.56	22.00
		12	13	21.61	21.58	21.61	22.00
		25	0	21.60	21.60	21.54	22.00
	64QAM	1	0	21.65	21.54	21.55	22.00
		1	13	21.64	21.58	21.61	22.00
		1	24	21.56	21.61	21.63	22.00
		12	0	20.53	20.55	20.65	21.00
		12	6	20.61	20.53	20.56	21.00
		12	13	20.54	20.54	20.54	21.00
		25	0	20.53	20.57	20.54	21.00
	256QAM	1	0	18.62	18.62	18.62	19.00
		1	13	18.64	18.61	18.63	19.00
		1	24	18.56	18.55	18.57	19.00
		12	0	18.61	18.54	18.61	19.00
		12	6	18.60	18.56	18.53	19.00
		12	13	18.64	18.54	18.64	19.00
		25	0	18.58	18.54	18.62	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				23060	23095	23130	

10MHz	QPSK	1	0	23.62	23.74	23.56	24.00
		1	25	23.64	23.55	23.60	24.00
		1	49	23.63	23.60	23.63	24.00
		25	0	22.58	22.64	22.59	23.00
		25	13	22.60	22.58	22.61	23.00
		25	25	22.59	22.63	22.62	23.00
		50	0	22.55	22.62	22.63	23.00
	16QAM	1	0	22.57	22.60	22.61	23.00
		1	25	22.60	22.61	22.55	23.00
		1	49	22.54	22.61	22.63	23.00
		25	0	21.63	21.56	21.55	22.00
		25	13	21.55	21.60	21.56	22.00
		25	25	21.55	21.60	21.64	22.00
		50	0	21.63	21.57	21.57	22.00
	64QAM	1	0	21.60	21.54	21.57	22.00
		1	25	21.62	21.61	21.59	22.00
		1	49	21.62	21.55	21.63	22.00
		25	0	20.57	20.58	20.64	21.00
		25	13	20.63	20.56	20.55	21.00
		25	25	20.64	20.55	20.54	21.00
		50	0	20.61	20.65	20.63	21.00
	256QAM	1	0	18.54	18.57	18.53	19.00
		1	25	18.57	18.55	18.59	19.00
		1	49	18.59	18.55	18.56	19.00
		25	0	18.63	18.65	18.58	19.00
		25	13	18.62	18.55	18.56	19.00
		25	25	18.53	18.54	18.55	19.00
		50	0	18.64	18.55	18.53	19.00

LTE FDD Band 12 Head For ULCA/ENDC				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				23017	23095	23173	
1.4MHz	QPSK	1	0	20.38	20.55	20.32	21.00
		1	2	20.47	20.36	20.47	21.00
		1	5	20.43	20.46	20.47	21.00
		3	0	20.38	20.51	20.33	21.00
		3	2	20.38	20.40	20.40	21.00
		3	3	20.41	20.35	20.43	21.00
		6	0	20.39	20.49	20.30	21.00
	16QAM	1	0	20.47	20.32	20.36	21.00
		1	2	20.40	20.46	20.47	21.00
		1	5	20.45	20.52	20.40	21.00
		3	0	20.49	20.29	20.29	21.00
		3	2	20.48	20.40	20.42	21.00
		3	3	20.33	20.44	20.35	21.00
		6	0	20.38	20.39	20.42	21.00
	64QAM	1	0	20.42	20.52	20.35	21.00
		1	2	20.45	20.25	20.42	21.00
		1	5	20.40	20.43	20.41	21.00

		3	0	20.38	20.41	20.47	21.00
		3	2	20.51	20.38	20.46	21.00
		3	3	20.53	20.38	20.44	21.00
		6	0	20.54	20.46	20.45	21.00
	256QAM	1	0	18.44	18.48	18.45	19.00
		1	2	18.45	18.51	18.49	19.00
		1	5	18.50	18.53	18.44	19.00
		3	0	18.51	18.47	18.43	19.00
		3	2	18.55	18.46	18.47	19.00
		3	3	18.50	18.44	18.52	19.00
		6	0	18.48	18.49	18.46	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				23025	23095	23165	
3MHz	QPSK	1	0	20.49	20.60	20.31	21.00
		1	7	20.46	20.33	20.42	21.00
		1	14	20.36	20.36	20.47	21.00
		8	0	20.41	20.49	20.43	21.00
		8	4	20.36	20.34	20.39	21.00
		8	7	20.45	20.33	20.41	21.00
		15	0	20.41	20.41	20.34	21.00
	16QAM	1	0	20.51	20.39	20.41	21.00
		1	7	20.37	20.46	20.48	21.00
		1	14	20.47	20.54	20.39	21.00
		8	0	20.48	20.35	20.31	21.00
		8	4	20.40	20.44	20.53	21.00
		8	7	20.29	20.42	20.43	21.00
		15	0	20.42	20.33	20.35	21.00
	64QAM	1	0	20.43	20.44	20.39	21.00
		1	7	20.45	20.23	20.45	21.00
		1	14	20.38	20.49	20.41	21.00
		8	0	20.40	20.39	20.53	21.00
		8	4	20.54	20.43	20.44	21.00
		8	7	20.57	20.47	20.41	21.00
		15	0	20.64	20.64	20.60	21.00
	256QAM	1	0	18.53	18.60	18.57	19.00
		1	7	18.57	18.54	18.64	19.00
		1	14	18.57	18.58	18.56	19.00
		8	0	18.63	18.57	18.65	19.00
		8	4	18.54	18.63	18.61	19.00
		8	7	18.56	18.55	18.58	19.00
		15	0	18.63	18.62	18.64	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				23035	23095	23155	
5MHz	QPSK	1	0	20.45	20.57	20.33	21.00
		1	13	20.43	20.39	20.39	21.00
		1	24	20.45	20.42	20.48	21.00
		12	0	20.40	20.53	20.32	21.00
		12	6	20.40	20.30	20.33	21.00
		12	13	20.34	20.40	20.44	21.00
		25	0	20.41	20.53	20.28	21.00
	16QAM	1	0	20.40	20.41	20.36	21.00

		1	13	20.42	20.47	20.37	21.00
		1	24	20.48	20.52	20.36	21.00
		12	0	20.50	20.27	20.29	21.00
		12	6	20.47	20.37	20.41	21.00
		12	13	20.35	20.54	20.43	21.00
		25	0	20.37	20.35	20.33	21.00
	64QAM	1	0	20.47	20.44	20.34	21.00
		1	13	20.37	20.33	20.45	21.00
		1	24	20.41	20.40	20.37	21.00
		12	0	20.41	20.41	20.44	21.00
		12	6	20.48	20.48	20.45	21.00
		12	13	20.51	20.45	20.40	21.00
	256QAM	25	0	20.53	20.57	20.54	21.00
		1	0	18.62	18.62	18.62	19.00
		1	13	18.64	18.61	18.63	19.00
		1	24	18.56	18.55	18.57	19.00
		12	0	18.61	18.54	18.61	19.00
		12	6	18.60	18.56	18.53	19.00
		12	13	18.64	18.54	18.64	19.00
		25	0	18.58	18.54	18.62	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				23060	23095	23130	
10MHz	QPSK	1	0	20.57	20.68	20.47	21.00
		1	25	20.59	20.46	20.57	21.00
		1	49	20.54	20.54	20.58	21.00
		25	0	20.50	20.67	20.51	21.00
		25	13	20.52	20.48	20.51	21.00
		25	25	20.54	20.53	20.54	21.00
		50	0	20.51	20.61	20.44	21.00
	16QAM	1	0	20.59	20.48	20.53	21.00
		1	25	20.54	20.57	20.56	21.00
		1	49	20.56	20.64	20.49	21.00
		25	0	20.61	20.44	20.47	21.00
		25	13	20.56	20.51	20.60	21.00
		25	25	20.47	20.62	20.51	21.00
		50	0	20.51	20.51	20.50	21.00
	64QAM	1	0	20.60	20.63	20.50	21.00
		1	25	20.54	20.42	20.57	21.00
		1	49	20.49	20.57	20.50	21.00
		25	0	20.57	20.58	20.64	21.00
		25	13	20.63	20.56	20.55	21.00
		25	25	20.64	20.55	20.54	21.00
		50	0	20.61	20.65	20.63	21.00
	256QAM	1	0	18.54	18.57	18.53	19.00
		1	25	18.57	18.55	18.59	19.00
		1	49	18.59	18.55	18.56	19.00
		25	0	18.63	18.65	18.58	19.00
		25	13	18.62	18.55	18.56	19.00
		25	25	18.53	18.54	18.55	19.00
		50	0	18.64	18.55	18.53	19.00

LTE FDD Band 13 Head/Body(15mm/0mm)/Hotspot				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				23205	23230	23255	
5MHz	QPSK	1	0	23.55	23.63	23.63	24.00
		1	13	23.60	23.63	23.58	24.00
		1	24	23.59	23.62	23.64	24.00
		12	0	22.61	22.58	22.54	23.00
		12	6	22.53	22.60	22.64	23.00
		12	13	22.54	22.58	22.59	23.00
		25	0	22.54	22.59	22.55	23.00
	16QAM	1	0	22.58	22.59	22.65	23.00
		1	13	22.63	22.58	22.64	23.00
		1	24	22.64	22.65	22.58	23.00
		12	0	21.61	21.58	21.58	22.00
		12	6	21.54	21.64	21.63	22.00
		12	13	21.56	21.61	21.57	22.00
		25	0	21.58	21.58	21.57	22.00
	64QAM	1	0	21.64	21.58	21.59	22.00
		1	13	21.56	21.55	21.54	22.00
		1	24	21.56	21.60	21.63	22.00
		12	0	20.65	20.53	20.62	21.00
		12	6	20.55	20.56	20.59	21.00
		12	13	20.63	20.63	20.55	21.00
		25	0	20.57	20.53	20.55	21.00
	256QAM	1	0	18.54	18.58	18.55	19.00
		1	13	18.54	18.59	18.60	19.00
		1	24	18.59	18.54	18.62	19.00
		12	0	18.57	18.56	18.64	19.00
		12	6	18.57	18.64	18.58	19.00
		12	13	18.65	18.56	18.56	19.00
		25	0	18.64	18.60	18.59	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
10MHz	QPSK	1	0	/	23230	/	24.00
		1	25	/	23.64	/	24.00
		1	49	/	23.56	/	24.00
		25	0	/	22.66	/	23.00
		25	13	/	22.64	/	23.00
		25	25	/	22.56	/	23.00
		50	0	/	22.62	/	23.00
	16QAM	1	0	/	22.57	/	23.00
		1	25	/	22.62	/	23.00
		1	49	/	22.62	/	23.00
		25	0	/	21.56	/	22.00
		25	13	/	21.57	/	22.00
		25	25	/	21.62	/	22.00
		50	0	/	21.56	/	22.00
	64QAM	1	0	/	21.60	/	22.00

		1	25	/	21.56	/	22.00
		1	49	/	21.63	/	22.00
		25	0	/	20.54	/	21.00
		25	13	/	20.63	/	21.00
		25	25	/	20.60	/	21.00
		50	0	/	20.59	/	21.00
	256QAM	1	0	/	18.60	/	19.00
		1	25	/	18.60	/	19.00
		1	49	/	18.62	/	19.00
		25	0	/	18.53	/	19.00
		25	13	/	18.57	/	19.00
		25	25	/	18.55	/	19.00
		50	0	/	18.59	/	19.00

LTE FDD Band 14 Head/Body(15mm/0mm)/Hotspot				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				23305	23330	23355	
5MHz	QPSK	1	0	23.57	23.60	23.64	24.00
		1	13	23.55	23.64	23.55	24.00
		1	24	23.61	23.59	23.55	24.00
		12	0	22.57	22.61	22.55	23.00
		12	6	22.57	22.54	22.63	23.00
		12	13	22.57	22.59	22.58	23.00
		25	0	22.62	22.65	22.55	23.00
	16QAM	1	0	22.56	22.55	22.65	23.00
		1	13	22.54	22.55	22.58	23.00
		1	24	22.60	22.58	22.65	23.00
		12	0	21.58	21.53	21.59	22.00
		12	6	21.54	21.62	21.62	22.00
		12	13	21.61	21.59	21.62	22.00
		25	0	21.59	21.55	21.57	22.00
	64QAM	1	0	21.63	21.53	21.65	22.00
		1	13	21.57	21.64	21.62	22.00
		1	24	21.53	21.55	21.55	22.00
		12	0	20.57	20.56	20.57	21.00
		12	6	20.60	20.53	20.61	21.00
		12	13	20.59	20.62	20.62	21.00
		25	0	20.61	20.61	20.54	21.00
	256QAM	1	0	18.61	18.60	18.53	19.00
		1	13	18.65	18.63	18.58	19.00
		1	24	18.58	18.55	18.62	19.00
		12	0	18.62	18.63	18.56	19.00
		12	6	18.63	18.56	18.60	19.00
		12	13	18.60	18.63	18.58	19.00
		25	0	18.64	18.59	18.59	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
10MHz	QPSK	1	0	/	23.72	/	24.00
		1	25	/	23.58	/	24.00

		1	49	/	23.59	/	24.00
		25	0	/	22.65	/	23.00
		25	13	/	22.63	/	23.00
		25	25	/	22.61	/	23.00
		50	0	/	22.64	/	23.00
	16QAM	1	0	/	22.55	/	23.00
		1	25	/	22.63	/	23.00
		1	49	/	22.64	/	23.00
		25	0	/	21.58	/	22.00
		25	13	/	21.55	/	22.00
		25	25	/	21.64	/	22.00
		50	0	/	21.59	/	22.00
	64QAM	1	0	/	21.59	/	22.00
		1	25	/	21.57	/	22.00
		1	49	/	21.57	/	22.00
		25	0	/	20.63	/	21.00
		25	13	/	20.58	/	21.00
		25	25	/	20.62	/	21.00
		50	0	/	20.54	/	21.00
	256QAM	1	0	/	18.58	/	19.00
		1	25	/	18.58	/	19.00
		1	49	/	18.57	/	19.00
		25	0	/	18.59	/	19.00
		25	13	/	18.64	/	19.00
		25	25	/	18.62	/	19.00
		50	0	/	18.57	/	19.00

LTE FDD Band 14 Head For ENDC				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				23305	23330	23355	
5MHz	QPSK	1	0	20.53	20.46	20.52	21.00
		1	13	20.52	20.49	20.48	21.00
		1	24	20.46	20.52	20.41	21.00
		12	0	20.45	20.47	20.52	21.00
		12	6	20.43	20.57	20.54	21.00
		12	13	20.41	20.57	20.44	21.00
		25	0	20.55	20.46	20.50	21.00
	16QAM	1	0	20.45	20.51	20.51	21.00
		1	13	20.46	20.57	20.50	21.00
		1	24	20.58	20.52	20.44	21.00
		12	0	20.44	20.50	20.50	21.00
		12	6	20.41	20.58	20.51	21.00
		12	13	20.53	20.54	20.48	21.00
		25	0	20.59	20.55	20.57	21.00
	64QAM	1	0	20.63	20.53	20.65	21.00
		1	13	20.57	20.64	20.62	21.00
		1	24	20.53	20.55	20.55	21.00
		12	0	20.57	20.56	20.57	21.00
		12	6	20.60	20.53	20.61	21.00

		12	13	20.59	20.62	20.62	21.00
		25	0	20.61	20.61	20.54	21.00
	256QAM	1	0	18.61	18.60	18.53	19.00
		1	13	18.65	18.63	18.58	19.00
		1	24	18.58	18.55	18.62	19.00
		12	0	18.62	18.63	18.56	19.00
		12	6	18.63	18.56	18.60	19.00
		12	13	18.60	18.63	18.58	19.00
		25	0	18.64	18.59	18.59	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	23330	/	
10MHz	QPSK	1	0	/	20.67	/	21.00
		1	25	/	20.47	/	21.00
		1	49	/	20.52	/	21.00
		25	0	/	20.66	/	21.00
		25	13	/	20.53	/	21.00
		25	25	/	20.54	/	21.00
		50	0	/	20.59	/	21.00
	16QAM	1	0	/	20.53	/	21.00
		1	25	/	20.52	/	21.00
		1	49	/	20.57	/	21.00
		25	0	/	20.51	/	21.00
		25	13	/	20.44	/	21.00
		25	25	/	20.6	/	21.00
		50	0	/	20.51	/	21.00
	64QAM	1	0	/	20.46	/	21.00
		1	25	/	20.57	/	21.00
		1	49	/	20.57	/	21.00
		25	0	/	20.63	/	21.00
		25	13	/	20.58	/	21.00
		25	25	/	20.62	/	21.00
		50	0	/	20.54	/	21.00
	256QAM	1	0	/	18.58	/	19.00
		1	25	/	18.58	/	19.00
		1	49	/	18.57	/	19.00
		25	0	/	18.59	/	19.00
		25	13	/	18.64	/	19.00
		25	25	/	18.62	/	19.00
		50	0	/	18.57	/	19.00

LTE FDD Band 17 Head/Body(15mm/0mm)/Hotspot				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				23755	23790	23825	
5MHz	QPSK	1	0	23.38	23.32	23.37	24.00
		1	13	23.32	23.30	23.34	24.00
		1	24	23.36	23.31	23.33	24.00
		12	0	22.33	22.34	22.38	23.00
		12	6	22.37	22.30	22.36	23.00
		12	13	22.40	22.34	22.40	23.00

	16QAM	25	0	22.31	22.30	22.29	23.00
		1	0	22.36	22.28	22.36	23.00
		1	13	22.33	22.35	22.38	23.00
		1	24	22.38	22.32	22.36	23.00
		12	0	21.31	21.40	21.31	22.00
		12	6	21.37	21.30	21.38	22.00
		12	13	21.40	21.32	21.31	22.00
	64QAM	25	0	21.29	21.36	21.34	22.00
		1	0	21.33	21.38	21.31	22.00
		1	13	21.34	21.31	21.34	22.00
		1	24	21.40	21.29	21.32	22.00
		12	0	20.31	20.39	20.40	21.00
		12	6	20.34	20.30	20.35	21.00
		12	13	20.35	20.38	20.32	21.00
	256QAM	25	0	20.33	20.30	20.39	21.00
		1	0	18.29	18.35	18.33	19.00
		1	13	18.37	18.32	18.39	19.00
		1	24	18.33	18.28	18.33	19.00
		12	0	18.31	18.38	18.30	19.00
		12	6	18.37	18.37	18.28	19.00
		12	13	18.30	18.29	18.37	19.00
		25	0	18.34	18.35	18.33	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				23780	23790	23800	
10MHz	QPSK	1	0	23.35	23.45	23.40	24.00
		1	25	23.31	23.30	23.38	24.00
		1	49	23.40	23.34	23.38	24.00
		25	0	22.33	22.38	22.36	23.00
		25	13	22.31	22.31	22.31	23.00
		25	25	22.37	22.30	22.37	23.00
		50	0	22.30	22.32	22.31	23.00
	16QAM	1	0	22.32	22.35	22.34	23.00
		1	25	22.38	22.29	22.36	23.00
		1	49	22.38	22.32	22.31	23.00
		25	0	21.36	21.30	21.38	22.00
		25	13	21.37	21.30	21.28	22.00
		25	25	21.36	21.34	21.34	22.00
		50	0	21.30	21.30	21.34	22.00
	64QAM	1	0	21.36	21.37	21.37	22.00
		1	25	21.30	21.37	21.36	22.00
		1	49	21.29	21.37	21.38	22.00
		25	0	20.39	20.37	20.34	21.00
		25	13	20.30	20.38	20.29	21.00
		25	25	20.38	20.34	20.28	21.00
		50	0	20.30	20.37	20.36	21.00
	256QAM	1	0	18.29	18.39	18.34	19.00
		1	25	18.31	18.37	18.32	19.00
		1	49	18.33	18.38	18.34	19.00
		25	0	18.30	18.40	18.31	19.00
		25	13	18.38	18.34	18.34	19.00
		25	25	18.32	18.30	18.30	19.00



		50	0	18.38	18.39	18.32	19.00
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LTE Band 26 Head				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26697	26865	27033	
1.4MHz	QPSK	1	0	21.68	21.59	21.64	22.00
		1	2	21.69	21.67	21.70	22.00
		1	5	21.62	21.63	21.60	22.00
		3	0	21.65	21.59	21.68	22.00
		3	2	21.66	21.62	21.59	22.00
		3	3	21.57	21.57	21.64	22.00
		6	0	21.69	21.68	21.61	22.00
	16QAM	1	0	21.67	21.65	21.63	22.00
		1	2	21.61	21.63	21.61	22.00
		1	5	21.69	21.61	21.62	22.00
		3	0	21.60	21.64	21.65	22.00
		3	2	21.67	21.62	21.68	22.00
		3	3	21.59	21.67	21.66	22.00
		6	0	20.59	20.66	20.63	21.00
	64QAM	1	0	20.59	20.57	20.61	21.00
		1	2	20.58	20.68	20.56	21.00
		1	5	20.57	20.69	20.61	21.00
		3	0	20.65	20.61	20.61	21.00
		3	2	20.57	20.70	20.59	21.00
		3	3	20.60	20.70	20.69	21.00
		6	0	19.64	19.60	19.57	20.00
	256QAM	1	0	17.69	17.61	17.69	18.00
		1	2	17.58	17.56	17.62	18.00
		1	5	17.60	17.61	17.65	18.00
		3	0	17.68	17.57	17.66	18.00
		3	2	17.56	17.68	17.67	18.00
		3	3	17.57	17.66	17.60	18.00
		6	0	17.64	17.65	17.61	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
3MHz	QPSK	1	0	21.74	21.77	21.77	22.00
		1	7	21.79	21.73	21.72	22.00
		1	14	21.75	21.73	21.75	22.00
		8	0	21.76	21.74	21.78	22.00
		8	4	21.70	21.72	21.79	22.00
		8	7	21.80	21.72	21.69	22.00
		15	0	21.73	21.73	21.73	22.00
	16QAM	1	0	21.68	21.79	21.73	22.00
		1	7	21.69	21.75	21.76	22.00
		1	14	21.70	21.78	21.70	22.00
		8	0	20.68	20.73	20.70	21.00
		8	4	20.72	20.75	20.74	21.00
		8	7	20.74	20.79	20.68	21.00
		15	0	20.73	20.73	20.69	21.00

	64QAM	1	0	20.74	20.69	20.71	21.00
		1	7	20.76	20.74	20.70	21.00
		1	14	20.71	20.69	20.71	21.00
		8	0	19.70	19.77	19.79	20.00
		8	4	19.79	19.73	19.68	20.00
		8	7	19.73	19.79	19.74	20.00
		15	0	19.68	19.72	19.75	20.00
	256QAM	1	0	17.74	17.73	17.76	18.00
		1	7	17.72	17.79	17.77	18.00
		1	14	17.78	17.79	17.75	18.00
		8	0	17.80	17.69	17.72	18.00
		8	4	17.76	17.71	17.74	18.00
		8	7	17.80	17.68	17.71	18.00
		15	0	17.77	17.70	17.77	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26715	26865	27015	
5MHz	QPSK	1	0	21.69	21.73	21.75	22.00
		1	13	21.73	21.71	21.69	22.00
		1	24	21.72	21.73	21.76	22.00
		12	0	21.76	21.76	21.79	22.00
		12	6	21.70	21.70	21.73	22.00
		12	13	21.70	21.72	21.70	22.00
		25	0	21.70	21.68	21.74	22.00
	16QAM	1	0	21.72	21.68	21.71	22.00
		1	13	21.73	21.80	21.68	22.00
		1	24	21.75	21.69	21.76	22.00
		12	0	20.74	20.80	20.78	21.00
		12	6	20.73	20.71	20.78	21.00
		12	13	20.75	20.68	20.70	21.00
		25	0	20.72	20.71	20.76	21.00
	64QAM	1	0	20.70	20.77	20.72	21.00
		1	13	20.78	20.77	20.70	21.00
		1	24	20.75	20.74	20.73	21.00
		12	0	19.71	19.76	19.72	20.00
		12	6	19.78	19.71	19.69	20.00
		12	13	19.80	19.74	19.73	20.00
		25	0	19.79	19.75	19.71	20.00
	256QAM	1	0	17.78	17.79	17.79	18.00
		1	13	17.79	17.72	17.75	18.00
		1	24	17.79	17.73	17.72	18.00
		12	0	17.75	17.71	17.72	18.00
		12	6	17.74	17.80	17.79	18.00
		12	13	17.79	17.73	17.76	18.00
		25	0	17.75	17.74	17.78	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26740	26865	26990	
10MHz	QPSK	1	0	21.72	21.76	21.76	22.00
		1	25	21.76	21.73	21.71	22.00
		1	49	21.77	21.72	21.76	22.00
		25	0	21.80	21.69	21.76	22.00
		25	13	21.72	21.75	21.76	22.00

		25	25	21.73	21.73	21.70	22.00
		50	0	21.79	21.77	21.79	22.00
	16QAM	1	0	21.78	21.79	21.76	22.00
		1	25	21.75	21.73	21.78	22.00
		1	49	21.79	21.76	21.71	22.00
		25	0	20.70	20.69	20.75	21.00
		25	13	20.72	20.77	20.74	21.00
		25	25	20.78	20.74	20.70	21.00
		50	0	20.72	20.77	20.77	21.00
	64QAM	1	0	20.73	20.78	20.78	21.00
		1	25	20.74	20.76	20.76	21.00
		1	49	20.75	20.73	20.78	21.00
		25	0	19.74	19.73	19.77	20.00
		25	13	19.71	19.68	19.73	20.00
		25	25	19.79	19.75	19.70	20.00
		50	0	19.74	19.73	19.75	20.00
	256QAM	1	0	17.69	17.75	17.80	18.00
		1	25	17.80	17.72	17.75	18.00
		1	49	17.76	17.71	17.78	18.00
		25	0	17.76	17.78	17.74	18.00
		25	13	17.78	17.68	17.71	18.00
		25	25	17.75	17.76	17.75	18.00
		50	0	17.75	17.69	17.76	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26765	26865	26965	
15MHz	QPSK	1	0	21.73	21.83	21.76	22.00
		1	38	21.75	21.69	21.77	22.00
		1	74	21.73	21.78	21.73	22.00
		36	0	21.74	21.79	21.78	22.00
		36	18	21.70	21.77	21.70	22.00
		36	39	21.75	21.73	21.70	22.00
		75	0	21.75	21.77	21.72	22.00
	16QAM	1	0	21.78	21.78	21.72	22.00
		1	38	21.74	21.70	21.71	22.00
		1	74	21.73	21.71	21.78	22.00
		36	0	20.78	20.75	20.76	21.00
		36	18	20.72	20.73	20.73	21.00
		36	39	20.77	20.80	20.74	21.00
		75	0	20.80	20.79	20.73	21.00
	64QAM	1	0	20.73	20.78	20.77	21.00
		1	38	20.76	20.69	20.68	21.00
		1	74	20.73	20.69	20.77	21.00
		36	0	19.69	19.74	19.78	20.00
		36	18	19.78	19.69	19.78	20.00
		36	39	19.73	19.75	19.75	20.00
		75	0	19.73	19.76	19.70	20.00
	256QAM	1	0	17.70	17.69	17.74	18.00
		1	38	17.72	17.76	17.70	18.00
		1	74	17.79	17.80	17.71	18.00
		36	0	17.78	17.78	17.76	18.00
		36	18	17.78	17.68	17.80	18.00

		36	39	17.78	17.79	17.80	18.00
		75	0	17.70	17.74	17.72	18.00

LTE Band 26 Body(15mm/0mm)/Hotspot				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26697	26865	27033	
1.4MHz	QPSK	1	0	22.61	22.59	22.61	23.00
		1	2	22.64	22.58	22.54	23.00
		1	5	22.53	22.59	22.54	23.00
		3	0	22.61	22.56	22.55	23.00
		3	2	22.65	22.63	22.55	23.00
		3	3	22.63	22.63	22.54	23.00
		6	0	21.59	21.57	21.59	22.00
	16QAM	1	0	21.55	21.60	21.62	22.00
		1	2	21.59	21.58	21.57	22.00
		1	5	21.54	21.64	21.63	22.00
		3	0	21.64	21.59	21.58	22.00
		3	2	21.55	21.57	21.55	22.00
		3	3	21.62	21.54	21.55	22.00
		6	0	20.59	20.59	20.58	21.00
	64QAM	1	0	20.62	20.59	20.63	21.00
		1	2	20.65	20.63	20.58	21.00
		1	5	20.57	20.57	20.54	21.00
		3	0	20.63	20.60	20.64	21.00
		3	2	20.55	20.63	20.61	21.00
		3	3	20.59	20.53	20.61	21.00
		6	0	19.58	19.60	19.60	20.00
	256QAM	1	0	17.54	17.63	17.64	18.00
		1	2	17.62	17.64	17.57	18.00
		1	5	17.56	17.56	17.55	18.00
		3	0	17.53	17.54	17.54	18.00
		3	2	17.57	17.60	17.57	18.00
		3	3	17.63	17.56	17.57	18.00
		6	0	17.64	17.58	17.54	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26705	26865	27025	
3MHz	QPSK	1	0	22.73	22.84	22.82	23.00
		1	7	22.76	22.77	22.81	23.00
		1	14	22.81	22.81	22.75	23.00
		8	0	21.78	21.76	21.83	22.00
		8	4	21.79	21.76	21.80	22.00
		8	7	21.81	21.77	21.80	22.00
		15	0	21.75	21.75	21.74	22.00
	16QAM	1	0	21.79	21.82	21.75	22.00
		1	7	21.80	21.77	21.83	22.00
		1	14	21.85	21.82	21.77	22.00
		8	0	20.84	20.76	20.84	21.00
		8	4	20.80	20.77	20.73	21.00
		8	7	20.79	20.74	20.83	21.00

	64QAM	15	0	20.80	20.78	20.82	21.00
		1	0	20.76	20.82	20.78	21.00
		1	7	20.78	20.83	20.79	21.00
		1	14	20.73	20.74	20.78	21.00
		8	0	19.81	19.75	19.74	20.00
		8	4	19.83	19.75	19.83	20.00
		8	7	19.73	19.79	19.73	20.00
	256QAM	15	0	19.81	19.80	19.77	20.00
		1	0	17.80	17.84	17.80	18.00
		1	7	17.74	17.73	17.74	18.00
		1	14	17.76	17.81	17.79	18.00
		8	0	17.84	17.83	17.76	18.00
		8	4	17.75	17.85	17.80	18.00
		8	7	17.81	17.79	17.80	18.00
		15	0	17.77	17.75	17.82	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26715	26865	27015	
5MHz	QPSK	1	0	22.74	22.76	22.85	23.00
		1	13	22.85	22.79	22.74	23.00
		1	24	22.79	22.83	22.80	23.00
		12	0	21.77	21.79	21.78	22.00
		12	6	21.73	21.85	21.76	22.00
		12	13	21.80	21.81	21.79	22.00
		25	0	21.76	21.75	21.79	22.00
	16QAM	1	0	21.73	21.80	21.75	22.00
		1	13	21.82	21.76	21.74	22.00
		1	24	21.76	21.74	21.77	22.00
		12	0	20.74	20.79	20.76	21.00
		12	6	20.84	20.76	20.78	21.00
		12	13	20.74	20.81	20.84	21.00
		25	0	20.75	20.74	20.79	21.00
	64QAM	1	0	20.80	20.81	20.81	21.00
		1	13	20.84	20.83	20.83	21.00
		1	24	20.81	20.73	20.75	21.00
		12	0	19.76	19.78	19.79	20.00
		12	6	19.80	19.77	19.84	20.00
		12	13	19.84	19.74	19.76	20.00
		25	0	19.75	19.82	19.80	20.00
	256QAM	1	0	17.84	17.78	17.85	18.00
		1	13	17.83	17.79	17.82	18.00
		1	24	17.76	17.75	17.81	18.00
		12	0	17.74	17.75	17.75	18.00
		12	6	17.80	17.84	17.75	18.00
		12	13	17.81	17.80	17.78	18.00
		25	0	17.81	17.85	17.82	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26740	26865	26990	
10MHz	QPSK	1	0	22.76	22.78	22.83	23.00
		1	25	22.84	22.74	22.80	23.00
		1	49	22.78	22.73	22.82	23.00
		25	0	21.74	21.75	21.85	22.00

		25	13	21.84	21.75	21.84	22.00
		25	25	21.76	21.81	21.77	22.00
		50	0	21.80	21.76	21.79	22.00
	16QAM	1	0	21.73	21.81	21.81	22.00
		1	25	21.77	21.77	21.79	22.00
		1	49	21.78	21.82	21.85	22.00
		25	0	20.78	20.74	20.82	21.00
		25	13	20.80	20.74	20.73	21.00
		25	25	20.80	20.83	20.78	21.00
		50	0	20.80	20.81	20.73	21.00
	64QAM	1	0	20.73	20.80	20.83	21.00
		1	25	20.82	20.83	20.74	21.00
		1	49	20.83	20.77	20.83	21.00
		25	0	19.85	19.78	19.83	20.00
		25	13	19.83	19.74	19.83	20.00
		25	25	19.78	19.76	19.82	20.00
		50	0	19.83	19.79	19.76	20.00
	256QAM	1	0	17.83	17.78	17.74	18.00
		1	25	17.78	17.82	17.74	18.00
		1	49	17.82	17.74	17.82	18.00
		25	0	17.79	17.84	17.84	18.00
		25	13	17.85	17.75	17.76	18.00
		25	25	17.81	17.80	17.80	18.00
		50	0	17.81	17.74	17.80	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26765	26865	26965	
15MHz	QPSK	1	0	22.74	22.89	22.82	23.00
		1	38	22.79	22.74	22.83	23.00
		1	74	22.79	22.85	22.75	23.00
		36	0	21.76	21.86	21.79	22.00
		36	18	21.76	21.84	21.74	22.00
		36	39	21.83	21.84	21.74	22.00
		75	0	21.81	21.84	21.80	22.00
	16QAM	1	0	21.79	21.76	21.81	22.00
		1	38	21.77	21.76	21.82	22.00
		1	74	21.74	21.82	21.74	22.00
		36	0	20.75	20.75	20.84	21.00
		36	18	20.80	20.76	20.73	21.00
		36	39	20.80	20.79	20.80	21.00
		75	0	20.79	20.84	20.76	21.00
	64QAM	1	0	20.83	20.75	20.77	21.00
		1	38	20.75	20.83	20.82	21.00
		1	74	20.80	20.81	20.73	21.00
		36	0	19.73	19.82	19.74	20.00
		36	18	19.82	19.81	19.77	20.00
		36	39	19.74	19.79	19.76	20.00
		75	0	19.76	19.77	19.80	20.00
	256QAM	1	0	17.77	17.76	17.84	18.00
		1	38	17.84	17.78	17.84	18.00
		1	74	17.74	17.84	17.77	18.00
		36	0	17.75	17.75	17.80	18.00

		36	18	17.85	17.83	17.83	18.00
		36	39	17.75	17.81	17.80	18.00
		75	0	17.81	17.74	17.83	18.00

LTE Band 71 Head/Body(15mm/0mm)/Hotspot				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				133147	133297	133447	
5MHz	QPSK	1	0	22.63	22.57	22.57	23.00
		1	13	22.61	22.63	22.55	23.00
		1	24	22.56	22.65	22.56	23.00
		12	0	21.56	21.61	21.63	22.00
		12	6	21.60	21.63	21.62	22.00
		12	13	21.57	21.57	21.58	22.00
		25	0	21.54	21.60	21.54	22.00
	16QAM	1	0	21.58	21.55	21.63	22.00
		1	13	21.57	21.58	21.56	22.00
		1	24	21.61	21.55	21.62	22.00
		12	0	20.61	20.58	20.60	21.00
		12	6	20.57	20.63	20.57	21.00
		12	13	20.57	20.64	20.58	21.00
		25	0	20.57	20.62	20.60	21.00
	64QAM	1	0	20.59	20.62	20.56	21.00
		1	13	20.59	20.55	20.63	21.00
		1	24	20.60	20.58	20.55	21.00
		12	0	19.59	19.60	19.56	20.00
		12	6	19.59	19.56	19.63	20.00
		12	13	19.56	19.54	19.61	20.00
		25	0	19.54	19.57	19.57	20.00
	256QAM	1	0	17.59	17.60	17.54	18.00
		1	13	17.60	17.57	17.57	18.00
		1	24	17.60	17.56	17.56	18.00
		12	0	17.59	17.57	17.62	18.00
		12	6	17.61	17.62	17.53	18.00
		12	13	17.55	17.64	17.54	18.00
		25	0	17.54	17.57	17.63	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				133172	133297	133422	
10MHz	QPSK	1	0	22.56	22.60	22.59	23.00
		1	25	22.62	22.59	22.63	23.00
		1	49	22.61	22.62	22.55	23.00
		25	0	21.56	21.63	21.55	22.00
		25	13	21.54	21.62	21.61	22.00
		25	25	21.57	21.65	21.64	22.00
		50	0	21.64	21.64	21.64	22.00
	16QAM	1	0	21.64	21.54	21.58	22.00
		1	25	21.55	21.55	21.62	22.00
		1	49	21.61	21.59	21.58	22.00
		25	0	20.55	20.59	20.64	21.00
		25	13	20.56	20.57	20.63	21.00

		25	25	20.61	20.56	20.64	21.00
		50	0	20.56	20.57	20.60	21.00
	64QAM	1	0	20.63	20.64	20.55	21.00
		1	25	20.60	20.62	20.59	21.00
		1	49	20.57	20.64	20.54	21.00
		25	0	19.56	19.64	19.60	20.00
		25	13	19.57	19.56	19.63	20.00
		25	25	19.57	19.54	19.54	20.00
		50	0	19.57	19.58	19.56	20.00
	256QAM	1	0	17.55	17.57	17.64	18.00
		1	25	17.59	17.57	17.59	18.00
		1	49	17.59	17.62	17.62	18.00
		25	0	17.62	17.57	17.61	18.00
		25	13	17.56	17.60	17.53	18.00
		25	25	17.53	17.64	17.63	18.00
		50	0	17.55	17.53	17.53	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				133197	133297	133397	
15MHz	QPSK	1	0	22.56	22.59	22.60	23.00
		1	38	22.54	22.55	22.58	23.00
		1	74	22.55	22.64	22.62	23.00
		36	0	21.61	21.64	21.63	22.00
		36	18	21.57	21.58	21.63	22.00
		36	39	21.56	21.54	21.56	22.00
		75	0	21.61	21.55	21.59	22.00
	16QAM	1	0	21.62	21.54	21.55	22.00
		1	38	21.58	21.55	21.55	22.00
		1	74	21.58	21.58	21.57	22.00
		36	0	20.60	20.61	20.60	21.00
		36	18	20.56	20.61	20.54	21.00
		36	39	20.62	20.64	20.62	21.00
		75	0	20.57	20.53	20.64	21.00
	64QAM	1	0	20.62	20.54	20.57	21.00
		1	38	20.55	20.60	20.55	21.00
		1	74	20.61	20.57	20.58	21.00
		36	0	19.55	19.60	19.55	20.00
		36	18	19.62	19.57	19.65	20.00
		36	39	19.54	19.54	19.56	20.00
		75	0	19.62	19.58	19.61	20.00
	256QAM	1	0	17.60	17.60	17.56	18.00
		1	38	17.56	17.55	17.55	18.00
		1	74	17.57	17.62	17.57	18.00
		36	0	17.55	17.62	17.57	18.00
		36	18	17.62	17.64	17.61	18.00
		36	39	17.53	17.60	17.55	18.00
		75	0	17.55	17.55	17.61	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				133222	133322	133372	
20MHz	QPSK	1	0	22.62	22.67	22.64	23.00
		1	50	22.63	22.59	22.62	23.00
		1	99	22.60	22.64	22.60	23.00

		50	0	21.60	21.68	21.62	22.00
		50	25	21.63	21.54	21.61	22.00
		50	50	21.54	21.65	21.64	22.00
		100	0	21.60	21.60	21.57	22.00
	16QAM	1	0	21.60	21.58	21.61	22.00
		1	50	21.59	21.62	21.62	22.00
		1	99	21.57	21.62	21.57	22.00
		50	0	20.61	20.59	20.58	21.00
		50	25	20.64	20.57	20.60	21.00
		50	50	20.56	20.57	20.53	21.00
		100	0	20.58	20.56	20.56	21.00
	64QAM	1	0	20.60	20.55	20.56	21.00
		1	50	20.64	20.63	20.55	21.00
		1	99	20.60	20.58	20.62	21.00
		50	0	19.59	19.57	19.59	20.00
		50	25	19.64	19.61	19.63	20.00
		50	50	19.55	19.62	19.55	20.00
		100	0	19.55	19.53	19.60	20.00
	256QAM	1	0	17.62	17.62	17.56	18.00
		1	50	17.64	17.56	17.59	18.00
		1	99	17.60	17.64	17.63	18.00
		50	0	17.62	17.56	17.60	18.00
		50	25	17.57	17.59	17.60	18.00
		50	50	17.54	17.61	17.56	18.00
		100	0	17.54	17.60	17.61	18.00

2 Conducted Power of Main Antenna(Ant1)

2.1 Conducted Power of LTE

LTE Band 4 For ENDC/ULCA Head				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19957	20175	20393	
1.4MHz	QPSK	1	0	23.31	23.23	23.28	24.50
		1	2	23.33	23.13	23.27	24.50
		1	5	23.17	23.23	23.36	24.50
		3	0	23.30	23.11	23.33	24.50
		3	2	23.32	23.14	23.15	24.50
		3	3	23.17	23.21	23.24	24.50
		6	0	22.28	22.11	22.22	23.50
	16QAM	1	0	22.21	22.18	22.15	23.50
		1	2	22.21	22.25	22.34	23.50
		1	5	22.25	22.26	22.31	23.50
		3	0	22.22	22.17	22.18	23.50
		3	2	22.17	22.18	22.09	23.50
		3	3	22.34	22.19	22.17	23.50
		6	0	21.25	21.08	21.26	22.50
	64QAM	1	0	21.25	21.26	21.31	22.50
		1	2	21.20	21.25	21.33	22.50
		1	5	21.23	21.22	21.19	22.50

		3	0	21.28	21.28	21.26	22.50
		3	2	21.29	21.22	21.22	22.50
		3	3	21.25	21.11	21.15	22.50
		6	0	20.20	20.30	20.12	21.50
	256QAM	1	0	18.28	18.28	18.11	19.50
		1	2	18.21	18.24	18.16	19.50
		1	5	18.16	18.12	18.31	19.50
		3	0	18.16	18.07	18.32	19.50
		3	2	18.26	18.17	18.28	19.50
		3	3	18.06	18.27	18.21	19.50
		6	0	18.26	18.26	18.16	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19965	20175	20385	
3MHz	QPSK	1	0	23.31	23.51	23.33	24.50
		1	7	23.44	23.37	23.43	24.50
		1	14	23.46	23.39	23.42	24.50
		8	0	22.32	22.45	22.34	23.50
		8	4	22.44	22.35	22.40	23.50
		8	7	22.50	22.32	22.46	23.50
		15	0	22.41	22.42	22.45	23.50
	16QAM	1	0	22.34	22.35	22.32	23.50
		1	7	22.39	22.33	22.33	23.50
		1	14	22.44	22.39	22.39	23.50
		8	0	21.49	21.46	21.38	22.50
		8	4	21.43	21.39	21.45	22.50
		8	7	21.30	21.30	21.39	22.50
		15	0	21.45	21.45	21.52	22.50
	64QAM	1	0	21.33	21.50	21.36	22.50
		1	7	21.32	21.33	21.39	22.50
		1	14	21.46	21.54	21.51	22.50
		8	0	20.45	20.38	20.34	21.50
		8	4	20.47	20.42	20.41	21.50
		8	7	20.49	20.47	20.37	21.50
		15	0	20.45	20.36	20.41	21.50
	256QAM	1	0	18.36	18.58	18.45	19.50
		1	7	18.33	18.50	18.33	19.50
		1	14	18.39	18.43	18.42	19.50
		8	0	18.34	18.43	18.49	19.50
		8	4	18.46	18.37	18.42	19.50
		8	7	18.48	18.34	18.36	19.50
		15	0	18.40	18.34	18.49	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19975	20175	20375	
5MHz	QPSK	1	0	23.29	23.51	23.36	24.50
		1	13	23.38	23.45	23.41	24.50
		1	24	23.46	23.42	23.46	24.50
		12	0	22.36	22.46	22.34	23.50
		12	6	22.36	22.45	22.38	23.50
		12	13	22.51	22.31	22.36	23.50

	16QAM	25	0	22.50	22.36	22.51	23.50
		1	0	22.30	22.38	22.38	23.50
		1	13	22.48	22.30	22.39	23.50
		1	24	22.40	22.33	22.43	23.50
		12	0	21.41	21.42	21.48	22.50
		12	6	21.37	21.32	21.47	22.50
		12	13	21.33	21.41	21.48	22.50
	64QAM	25	0	21.44	21.46	21.46	22.50
		1	0	21.37	21.51	21.36	22.50
		1	13	21.32	21.42	21.42	22.50
		1	24	21.54	21.50	21.41	22.50
		12	0	20.51	20.49	20.33	21.50
		12	6	20.41	20.41	20.39	21.50
		12	13	20.41	20.38	20.41	21.50
	256QAM	25	0	20.50	20.39	20.48	21.50
		1	0	18.39	18.51	18.44	19.50
		1	13	18.43	18.48	18.45	19.50
		1	24	18.41	18.54	18.46	19.50
		12	0	18.39	18.41	18.41	19.50
		12	6	18.34	18.47	18.39	19.50
		12	13	18.46	18.40	18.35	19.50
		25	0	18.40	18.40	18.51	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20000	20175	20350	
10MHz	QPSK	1	0	23.33	23.47	23.43	24.50
		1	25	23.39	23.40	23.43	24.50
		1	49	23.54	23.37	23.44	24.50
		25	0	22.37	22.45	22.33	23.50
		25	13	22.41	22.46	22.38	23.50
		25	25	22.42	22.36	22.43	23.50
		50	0	22.50	22.37	22.49	23.50
	16QAM	1	0	22.32	22.39	22.41	23.50
		1	25	22.42	22.36	22.38	23.50
		1	49	22.38	22.33	22.44	23.50
		25	0	21.46	21.35	21.48	22.50
		25	13	21.39	21.36	21.38	22.50
		25	25	21.33	21.30	21.48	22.50
		50	0	21.45	21.44	21.50	22.50
	64QAM	1	0	21.37	21.51	21.40	22.50
		1	25	21.44	21.40	21.46	22.50
		1	49	21.43	21.53	21.43	22.50
		25	0	20.49	20.45	20.33	21.50
		25	13	20.47	20.46	20.45	21.50
		25	25	20.49	20.50	20.38	21.50
		50	0	20.52	20.37	20.48	21.50
	256QAM	1	0	18.38	18.53	18.45	19.50
		1	25	18.40	18.47	18.35	19.50
		1	49	18.32	18.54	18.36	19.50
		25	0	18.38	18.45	18.48	19.50
		25	13	18.40	18.45	18.37	19.50
		25	25	18.56	18.40	18.35	19.50

		50	0	18.46	18.42	18.48	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20025	20175	20325	
15MHz	QPSK	1	0	23.31	23.40	23.37	24.50
		1	38	23.41	23.40	23.50	24.50
		1	74	23.51	23.36	23.37	24.50
		36	0	22.36	22.35	22.33	23.50
		36	18	22.39	22.36	22.48	23.50
		36	39	22.44	22.39	22.45	23.50
		75	0	22.49	22.47	22.41	23.50
	16QAM	1	0	22.39	22.42	22.32	23.50
		1	38	22.38	22.36	22.29	23.50
		1	74	22.40	22.38	22.41	23.50
		36	0	21.40	21.38	21.43	22.50
		36	18	21.35	21.37	21.34	22.50
		36	39	21.34	21.39	21.48	22.50
		75	0	21.34	21.39	21.53	22.50
	64QAM	1	0	21.46	21.49	21.40	22.50
		1	38	21.41	21.31	21.49	22.50
		1	74	21.47	21.51	21.38	22.50
		36	0	20.48	20.44	20.41	21.50
		36	18	20.47	20.45	20.35	21.50
		36	39	20.49	20.41	20.30	21.50
		75	0	20.51	20.42	20.38	21.50
	256QAM	1	0	18.41	18.58	18.47	19.50
		1	38	18.34	18.52	18.40	19.50
		1	74	18.35	18.44	18.41	19.50
		36	0	18.32	18.41	18.41	19.50
		36	18	18.44	18.44	18.41	19.50
		36	39	18.51	18.34	18.40	19.50
		75	0	18.48	18.43	18.40	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20050	20175	20300	
20MHz	QPSK	1	0	23.35	23.56	23.44	24.50
		1	50	23.35	23.46	23.45	24.50
		1	99	23.50	23.37	23.41	24.50
		50	0	22.34	22.40	22.34	23.50
		50	25	22.40	22.37	22.43	23.50
		50	50	22.41	22.30	22.40	23.50
		100	0	22.40	22.36	22.47	23.50
	16QAM	1	0	22.36	22.38	22.39	23.50
		1	50	22.46	22.40	22.27	23.50
		1	99	22.51	22.40	22.39	23.50
		50	0	21.50	21.36	21.43	22.50
		50	25	21.34	21.29	21.43	22.50
		50	50	21.40	21.35	21.40	22.50
		100	0	21.40	21.45	21.52	22.50
	64QAM	1	0	21.37	21.46	21.44	22.50
		1	50	21.37	21.35	21.40	22.50
		1	99	21.53	21.47	21.51	22.50
		50	0	20.51	20.51	20.37	21.50

		50	25	20.43	20.40	20.45	21.50
		50	50	20.41	20.41	20.36	21.50
		100	0	20.52	20.41	20.42	21.50
	256QAM	1	0	18.39	18.52	18.50	19.50
		1	50	18.47	18.50	18.39	19.50
		1	99	18.43	18.51	18.37	19.50
		50	0	18.40	18.43	18.41	19.50
		50	25	18.39	18.39	18.42	19.50
		50	50	18.52	18.40	18.44	19.50
		100	0	18.49	18.46	18.40	19.50

LTE Band 4 For ENDC/ULCA Body(15mm/0mm)				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19957	20175	20393	
1.4MHz	QPSK	1	0	21.36	21.31	21.29	22.50
		1	2	21.24	21.38	21.34	22.50
		1	5	21.26	21.25	21.40	22.50
		3	0	21.23	21.31	21.33	22.50
		3	2	21.33	21.21	21.21	22.50
		3	3	21.27	21.29	21.33	22.50
		6	0	21.39	21.39	21.28	22.50
	16QAM	1	0	21.28	21.31	21.26	22.50
		1	2	21.39	21.32	21.30	22.50
		1	5	21.30	21.22	21.38	22.50
		3	0	21.29	21.36	21.27	22.50
		3	2	21.31	21.40	21.37	22.50
		3	3	21.43	21.37	21.28	22.50
		6	0	21.44	21.23	21.35	22.50
	64QAM	1	0	21.36	21.39	21.36	22.50
		1	2	21.37	21.39	21.37	22.50
		1	5	21.33	21.22	21.22	22.50
		3	0	21.23	21.43	21.38	22.50
		3	2	21.42	21.27	21.32	22.50
		3	3	21.35	21.23	21.26	22.50
		6	0	20.27	20.25	20.29	21.50
	256QAM	1	0	18.29	18.25	18.25	19.50
		1	2	18.30	18.23	18.27	19.50
		1	5	18.26	18.33	18.34	19.50
		3	0	18.26	18.25	18.40	19.50
		3	2	18.18	18.28	18.36	19.50
		3	3	18.43	18.30	18.24	19.50
		6	0	18.41	18.27	18.38	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19965	20175	20385	
3MHz	QPSK	1	0	21.39	21.41	21.35	22.50
		1	7	21.33	21.33	21.30	22.50
		1	14	21.47	21.38	21.49	22.50
		8	0	21.44	21.38	21.53	22.50

		8	4	21.43	21.47	21.46	22.50
		8	7	21.43	21.54	21.34	22.50
		15	0	21.39	21.50	21.50	22.50
	16QAM	1	0	21.31	21.34	21.38	22.50
		1	7	21.50	21.31	21.41	22.50
		1	14	21.47	21.42	21.44	22.50
		8	0	21.36	21.34	21.39	22.50
		8	4	21.32	21.38	21.47	22.50
		8	7	21.39	21.40	21.41	22.50
		15	0	21.41	21.49	21.33	22.50
		1	0	21.46	21.44	21.40	22.50
	64QAM	1	7	21.30	21.42	21.44	22.50
		1	14	21.50	21.44	21.41	22.50
		8	0	20.43	20.33	20.31	21.50
		8	4	20.40	20.49	20.52	21.50
		8	7	20.51	20.37	20.39	21.50
		15	0	20.47	20.46	20.45	21.50
		1	0	18.38	18.38	18.34	19.50
	256QAM	1	7	18.41	18.40	18.45	19.50
		1	14	18.45	18.47	18.39	19.50
		8	0	18.35	18.47	18.41	19.50
		8	4	18.34	18.53	18.38	19.50
		8	7	18.40	18.49	18.39	19.50
		15	0	18.36	18.51	18.33	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19975	20175	20375	
5MHz	QPSK	1	0	21.33	21.47	21.41	22.50
		1	13	21.29	21.41	21.34	22.50
		1	24	21.43	21.44	21.50	22.50
		12	0	21.36	21.41	21.48	22.50
		12	6	21.45	21.49	21.41	22.50
		12	13	21.42	21.53	21.32	22.50
		25	0	21.44	21.43	21.42	22.50
	16QAM	1	0	21.42	21.35	21.31	22.50
		1	13	21.41	21.32	21.38	22.50
		1	24	21.44	21.42	21.45	22.50
		12	0	21.37	21.42	21.30	22.50
		12	6	21.33	21.34	21.38	22.50
		12	13	21.34	21.41	21.39	22.50
		25	0	21.36	21.50	21.32	22.50
	64QAM	1	0	21.46	21.53	21.46	22.50
		1	13	21.32	21.36	21.40	22.50
		1	24	21.50	21.42	21.38	22.50
		12	0	20.47	20.40	20.38	21.50
		12	6	20.40	20.39	20.52	21.50
		12	13	20.51	20.37	20.40	21.50
		25	0	20.43	20.39	20.49	21.50
	256QAM	1	0	18.34	18.40	18.38	19.50
		1	13	18.42	18.42	18.43	19.50
		1	24	18.46	18.46	18.50	19.50

		12	0	18.45	18.46	18.34	19.50
		12	6	18.39	18.46	18.45	19.50
		12	13	18.50	18.41	18.43	19.50
		25	0	18.48	18.39	18.40	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20000	20175	20350	
10MHz	QPSK	1	0	21.44	21.52	21.33	22.50
		1	25	21.35	21.44	21.39	22.50
		1	49	21.40	21.36	21.41	22.50
		25	0	21.37	21.42	21.45	22.50
		25	13	21.48	21.43	21.40	22.50
		25	25	21.39	21.52	21.29	22.50
		50	0	21.45	21.43	21.41	22.50
	16QAM	1	0	21.40	21.31	21.33	22.50
		1	25	21.46	21.33	21.34	22.50
		1	49	21.39	21.33	21.44	22.50
		25	0	21.43	21.33	21.30	22.50
		25	13	21.43	21.42	21.42	22.50
		25	25	21.48	21.39	21.35	22.50
		50	0	21.38	21.38	21.40	22.50
	64QAM	1	0	21.54	21.53	21.41	22.50
		1	25	21.38	21.35	21.44	22.50
		1	49	21.51	21.42	21.40	22.50
		25	0	20.45	20.38	20.34	21.50
		25	13	20.41	20.38	20.42	21.50
		25	25	20.46	20.44	20.40	21.50
		50	0	20.52	20.39	20.49	21.50
	256QAM	1	0	18.38	18.43	18.32	19.50
		1	25	18.40	18.50	18.37	19.50
		1	49	18.48	18.46	18.47	19.50
		25	0	18.37	18.45	18.40	19.50
		25	13	18.36	18.45	18.39	19.50
		25	25	18.40	18.51	18.39	19.50
		50	0	18.34	18.52	18.41	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20025	20175	20325	
15MHz	QPSK	1	0	21.39	21.52	21.46	22.50
		1	38	21.39	21.32	21.31	22.50
		1	74	21.39	21.38	21.46	22.50
		36	0	21.34	21.36	21.44	22.50
		36	18	21.45	21.43	21.49	22.50
		36	39	21.41	21.47	21.31	22.50
		75	0	21.34	21.50	21.42	22.50
	16QAM	1	0	21.32	21.31	21.31	22.50
		1	38	21.50	21.44	21.36	22.50
		1	74	21.51	21.33	21.45	22.50
		36	0	21.41	21.35	21.30	22.50
		36	18	21.40	21.36	21.46	22.50
		36	39	21.43	21.41	21.36	22.50
		75	0	21.32	21.41	21.30	22.50
	64QAM	1	0	21.40	21.54	21.43	22.50

		1	38	21.30	21.32	21.39	22.50
		1	74	21.51	21.47	21.34	22.50
		36	0	20.41	20.36	20.41	21.50
		36	18	20.40	20.47	20.51	21.50
		36	39	20.43	20.40	20.46	21.50
		75	0	20.51	20.39	20.38	21.50
	256QAM	1	0	18.39	18.45	18.40	19.50
		1	38	18.44	18.52	18.38	19.50
		1	74	18.45	18.42	18.47	19.50
		36	0	18.45	18.47	18.40	19.50
		36	18	18.36	18.47	18.42	19.50
		36	39	18.43	18.46	18.41	19.50
		75	0	18.37	18.42	18.39	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20050	20175	20300	
20MHz	QPSK	1	0	21.42	21.63	21.40	22.50
		1	50	21.36	21.36	21.36	22.50
		1	99	21.38	21.44	21.50	22.50
		50	0	21.42	21.40	21.47	22.50
		50	25	21.47	21.49	21.51	22.50
		50	50	21.39	21.53	21.37	22.50
		100	0	21.39	21.41	21.48	22.50
	16QAM	1	0	21.36	21.35	21.35	22.50
		1	50	21.43	21.41	21.42	22.50
		1	99	21.49	21.36	21.39	22.50
		50	0	21.42	21.38	21.40	22.50
		50	25	21.38	21.35	21.37	22.50
		50	50	21.41	21.47	21.38	22.50
		100	0	21.33	21.38	21.34	22.50
	64QAM	1	0	21.50	21.42	21.44	22.50
		1	50	21.31	21.32	21.49	22.50
		1	99	21.50	21.34	21.30	22.50
		50	0	20.42	20.34	20.30	21.50
		50	25	20.40	20.44	20.43	21.50
		50	50	20.41	20.41	20.51	21.50
		100	0	20.53	20.44	20.45	21.50
	256QAM	1	0	18.34	18.33	18.40	19.50
		1	50	18.40	18.39	18.40	19.50
		1	99	18.52	18.43	18.44	19.50
		50	0	18.46	18.46	18.31	19.50
		50	25	18.30	18.45	18.43	19.50
		50	50	18.43	18.48	18.30	19.50
		100	0	18.42	18.46	18.38	19.50

LTE Band 4 For ENDC/ULCA Hotspot				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19957	20175	20393	
1.4MHz	QPSK	1	0	20.43	20.26	20.32	21.50

		1	2	20.32	20.26	20.39	21.50	
		1	5	20.32	20.33	20.31	21.50	
		3	0	20.27	20.26	20.30	21.50	
		3	2	20.29	20.35	20.31	21.50	
		3	3	20.29	20.23	20.24	21.50	
		6	0	20.33	20.25	20.36	21.50	
	16QAM	1	0	20.35	20.38	20.33	21.50	
		1	2	20.20	20.33	20.33	21.50	
		1	5	20.26	20.25	20.34	21.50	
		3	0	20.42	20.33	20.27	21.50	
		3	2	20.40	20.22	20.42	21.50	
		3	3	20.33	20.29	20.23	21.50	
		6	0	20.35	20.34	20.35	21.50	
		64QAM	1	0	20.25	20.24	20.30	21.50
			1	2	20.32	20.40	20.39	21.50
			1	5	20.26	20.35	20.37	21.50
			3	0	20.30	20.38	20.20	21.50
			3	2	20.27	20.35	20.34	21.50
	3		3	20.29	20.26	20.34	21.50	
		6	0	20.28	20.32	20.27	21.50	
		256QAM	1	0	18.18	18.30	18.40	19.50
			1	2	18.33	18.24	18.27	19.50
			1	5	18.27	18.22	18.28	19.50
			3	0	18.36	18.35	18.23	19.50
			3	2	18.32	18.27	18.42	19.50
	3		3	18.26	18.34	18.41	19.50	
		6	0	18.30	18.37	18.30	19.50	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
19965					20175	20385		
3MHz	QPSK	1	0	20.42	20.20	20.36	21.50	
		1	7	20.29	20.35	20.30	21.50	
		1	14	20.33	20.33	20.31	21.50	
		8	0	20.32	20.31	20.28	21.50	
		8	4	20.32	20.32	20.33	21.50	
		8	7	20.18	20.33	20.28	21.50	
		15	0	20.34	20.27	20.40	21.50	
		16QAM	1	0	20.42	20.32	20.23	21.50
			1	7	20.28	20.40	20.37	21.50
			1	14	20.19	20.30	20.42	21.50
			8	0	20.39	20.32	20.31	21.50
			8	4	20.36	20.27	20.37	21.50
	8		7	20.20	20.39	20.30	21.50	
		15	0	20.33	20.35	20.41	21.50	
		64QAM	1	0	20.35	20.23	20.32	21.50
			1	7	20.27	20.40	20.34	21.50
			1	14	20.33	20.23	20.27	21.50
			8	0	20.23	20.33	20.25	21.50
			8	4	20.31	20.32	20.28	21.50
	8		7	20.41	20.30	20.29	21.50	
		15	0	20.21	20.35	20.29	21.50	

		1	0	18.20	18.27	18.44	19.50
		1	7	18.24	18.32	18.23	19.50
		1	14	18.29	18.29	18.27	19.50
	256QAM	8	0	18.33	18.26	18.25	19.50
		8	4	18.39	18.23	18.37	19.50
		8	7	18.23	18.31	18.38	19.50
		15	0	18.34	18.38	18.40	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19975	20175	20375	
5MHz	QPSK	1	0	20.31	20.31	20.24	21.50
		1	13	20.22	20.30	20.30	21.50
		1	24	20.25	20.39	20.35	21.50
		12	0	20.31	20.18	20.27	21.50
		12	6	20.37	20.26	20.28	21.50
		12	13	20.23	20.33	20.22	21.50
		25	0	20.36	20.32	20.32	21.50
	16QAM	1	0	20.44	20.29	20.23	21.50
		1	13	20.25	20.43	20.43	21.50
		1	24	20.19	20.20	20.33	21.50
		12	0	20.37	20.35	20.29	21.50
		12	6	20.32	20.26	20.29	21.50
		12	13	20.25	20.32	20.27	21.50
		25	0	20.32	20.37	20.41	21.50
	64QAM	1	0	20.37	20.24	20.24	21.50
		1	13	20.22	20.33	20.34	21.50
		1	24	20.26	20.34	20.25	21.50
		12	0	20.32	20.42	20.20	21.50
		12	6	20.26	20.38	20.33	21.50
		12	13	20.41	20.25	20.40	21.50
		25	0	20.32	20.39	20.23	21.50
	256QAM	1	0	18.26	18.23	18.40	19.50
		1	13	18.29	18.29	18.20	19.50
		1	24	18.38	18.31	18.24	19.50
		12	0	18.35	18.24	18.25	19.50
		12	6	18.35	18.31	18.43	19.50
		12	13	18.24	18.28	18.31	19.50
		25	0	18.33	18.31	18.38	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20000	20175	20350	
10MHz	QPSK	1	0	20.35	20.29	20.33	21.50
		1	25	20.29	20.34	20.38	21.50
		1	49	20.38	20.39	20.36	21.50
		25	0	20.32	20.21	20.25	21.50
		25	13	20.32	20.38	20.26	21.50
		25	25	20.25	20.32	20.23	21.50
		50	0	20.36	20.34	20.36	21.50
	16QAM	1	0	20.40	20.38	20.28	21.50
		1	25	20.26	20.42	20.43	21.50
		1	49	20.26	20.27	20.34	21.50
		25	0	20.37	20.29	20.31	21.50

		25	13	20.31	20.30	20.42	21.50
		25	25	20.28	20.36	20.24	21.50
		50	0	20.25	20.31	20.30	21.50
	64QAM	1	0	20.38	20.27	20.23	21.50
		1	25	20.31	20.39	20.39	21.50
		1	49	20.22	20.34	20.26	21.50
		25	0	20.30	20.36	20.33	21.50
		25	13	20.36	20.43	20.37	21.50
		25	25	20.37	20.32	20.38	21.50
		50	0	20.26	20.37	20.21	21.50
		1	0	18.19	18.30	18.45	19.50
	256QAM	1	25	18.34	18.30	18.20	19.50
		1	49	18.25	18.22	18.24	19.50
		25	0	18.35	18.32	18.33	19.50
		25	13	18.41	18.23	18.32	19.50
		25	25	18.27	18.31	18.29	19.50
		50	0	18.24	18.45	18.32	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20025	20175	20325	
15MHz	QPSK	1	0	20.35	20.34	20.26	21.50
		1	38	20.33	20.30	20.33	21.50
		1	74	20.30	20.35	20.34	21.50
		36	0	20.27	20.19	20.30	21.50
		36	18	20.29	20.29	20.36	21.50
		36	39	20.28	20.25	20.27	21.50
		75	0	20.42	20.25	20.36	21.50
	16QAM	1	0	20.35	20.39	20.25	21.50
		1	38	20.29	20.37	20.32	21.50
		1	74	20.26	20.25	20.29	21.50
		36	0	20.33	20.24	20.34	21.50
		36	18	20.38	20.24	20.35	21.50
		36	39	20.28	20.38	20.31	21.50
		75	0	20.32	20.33	20.38	21.50
	64QAM	1	0	20.27	20.31	20.24	21.50
		1	38	20.23	20.37	20.31	21.50
		1	74	20.31	20.24	20.24	21.50
		36	0	20.35	20.35	20.26	21.50
		36	18	20.26	20.44	20.37	21.50
		36	39	20.39	20.26	20.38	21.50
		75	0	20.32	20.40	20.34	21.50
	256QAM	1	0	18.25	18.27	18.43	19.50
		1	38	18.29	18.33	18.20	19.50
		1	74	18.36	18.25	18.24	19.50
		36	0	18.37	18.28	18.30	19.50
		36	18	18.31	18.33	18.42	19.50
		36	39	18.32	18.29	18.35	19.50
		75	0	18.33	18.33	18.30	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20050	20175	20300	
20MHz	QPSK	1	0	20.37	20.59	20.33	21.50
		1	50	20.33	20.30	20.35	21.50

		1	99	20.30	20.43	20.33	21.50
		50	0	20.25	20.19	20.29	21.50
		50	25	20.30	20.26	20.27	21.50
		50	50	20.29	20.24	20.34	21.50
		100	0	20.30	20.30	20.30	21.50
	16QAM	1	0	20.45	20.38	20.31	21.50
		1	50	20.20	20.33	20.37	21.50
		1	99	20.27	20.21	20.31	21.50
		50	0	20.41	20.26	20.29	21.50
		50	25	20.30	20.34	20.38	21.50
		50	50	20.26	20.35	20.32	21.50
		100	0	20.38	20.31	20.41	21.50
	64QAM	1	0	20.38	20.30	20.28	21.50
		1	50	20.34	20.30	20.37	21.50
		1	99	20.26	20.32	20.37	21.50
		50	0	20.24	20.35	20.27	21.50
		50	25	20.36	20.34	20.30	21.50
		50	50	20.32	20.33	20.36	21.50
		100	0	20.29	20.37	20.22	21.50
	256QAM	1	0	18.22	18.23	18.32	19.50
		1	50	18.31	18.27	18.30	19.50
		1	99	18.35	18.22	18.28	19.50
		50	0	18.38	18.29	18.36	19.50
		50	25	18.33	18.30	18.42	19.50
		50	50	18.25	18.29	18.36	19.50
		100	0	18.31	18.34	18.37	19.50

LTE Band For ENDC 7 Head				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20775	21100	21425	
5MHz	QPSK	1	0	23.67	23.63	23.62	24.00
		1	13	23.63	23.58	23.63	24.00
		1	24	23.64	23.61	23.74	24.00
		12	0	22.63	22.54	22.63	23.00
		12	6	22.66	22.72	22.67	23.00
		12	13	22.75	22.59	22.73	23.00
		25	0	22.72	22.64	22.58	23.00
	16QAM	1	0	22.75	22.74	22.68	23.00
		1	13	22.73	22.61	22.74	23.00
		1	24	22.75	22.63	22.62	23.00
		12	0	21.55	21.66	21.67	22.00
		12	6	21.66	21.56	21.61	22.00
		12	13	21.68	21.61	21.72	22.00
		25	0	21.62	21.71	21.69	22.00
	64QAM	1	0	21.78	21.67	21.74	22.00
		1	13	21.70	21.68	21.57	22.00
		1	24	21.62	21.66	21.67	22.00
		12	0	20.63	20.75	20.69	21.00
		12	6	20.69	20.72	20.65	21.00

	256QAM	12	13	20.68	20.56	20.59	21.00
		25	0	20.73	20.64	20.60	21.00
		1	0	18.63	18.70	18.64	19.00
		1	13	18.73	18.62	18.59	19.00
		1	24	18.58	18.62	18.62	19.00
		12	0	18.58	18.65	18.75	19.00
		12	6	18.71	18.74	18.63	19.00
		12	13	18.61	18.69	18.60	19.00
		25	0	18.71	18.58	18.63	19.00
Bandwidth	Modulation	RB size	RB offset	Channel 20800	Channel 21100	Channel 21400	Tune up
10MHz	QPSK	1	0	23.65	23.67	23.60	24.00
		1	25	23.70	23.66	23.56	24.00
		1	49	23.68	23.70	23.76	24.00
		25	0	22.69	22.57	22.62	23.00
		25	13	22.70	22.79	22.62	23.00
		25	25	22.67	22.64	22.75	23.00
		50	0	22.74	22.66	22.67	23.00
	16QAM	1	0	22.67	22.63	22.61	23.00
		1	25	22.74	22.66	22.65	23.00
		1	49	22.67	22.69	22.69	23.00
		25	0	21.56	21.69	21.66	22.00
		25	13	21.70	21.58	21.60	22.00
		25	25	21.68	21.61	21.61	22.00
		50	0	21.64	21.64	21.69	22.00
	64QAM	1	0	21.69	21.69	21.72	22.00
		1	25	21.68	21.57	21.62	22.00
		1	49	21.64	21.62	21.77	22.00
		25	0	20.64	20.73	20.63	21.00
		25	13	20.61	20.69	20.57	21.00
		25	25	20.68	20.65	20.68	21.00
		50	0	20.75	20.64	20.57	21.00
	256QAM	1	0	18.70	18.73	18.60	19.00
		1	25	18.75	18.71	18.69	19.00
		1	49	18.62	18.67	18.61	19.00
		25	0	18.61	18.69	18.74	19.00
		25	13	18.73	18.62	18.71	19.00
		25	25	18.53	18.73	18.61	19.00
		50	0	18.66	18.59	18.61	19.00
Bandwidth	Modulation	RB size	RB offset	Channel 20825	Channel 21100	Channel 21375	Tune up
15MHz	QPSK	1	0	23.62	23.67	23.71	24.00
		1	38	23.64	23.61	23.64	24.00
		1	74	23.64	23.60	23.67	24.00
		36	0	22.66	22.66	22.64	23.00
		36	18	22.68	22.70	22.58	23.00
		36	39	22.73	22.67	22.73	23.00
		75	0	22.69	22.67	22.69	23.00
	16QAM	1	0	22.69	22.76	22.63	23.00
		1	38	22.78	22.64	22.76	23.00
		1	74	22.65	22.65	22.71	23.00

		36	0	21.61	21.72	21.71	22.00
		36	18	21.70	21.55	21.67	22.00
		36	39	21.71	21.60	21.70	22.00
		75	0	21.61	21.73	21.63	22.00
	64QAM	1	0	21.73	21.78	21.66	22.00
		1	38	21.77	21.67	21.65	22.00
		1	74	21.67	21.59	21.73	22.00
		36	0	20.67	20.72	20.61	21.00
		36	18	20.61	20.70	20.60	21.00
		36	39	20.58	20.57	20.64	21.00
		75	0	20.73	20.69	20.59	21.00
	256QAM	1	0	18.60	18.60	18.58	19.00
		1	38	18.70	18.66	18.67	19.00
		1	74	18.63	18.68	18.63	19.00
		36	0	18.53	18.61	18.77	19.00
		36	18	18.72	18.70	18.66	19.00
		36	39	18.54	18.67	18.72	19.00
		75	0	18.69	18.70	18.64	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20850	21100	21350	
20MHz	QPSK	1	0	23.62	23.85	23.58	24.00
		1	50	23.68	23.70	23.67	24.00
		1	99	23.61	23.61	23.71	24.00
		50	0	22.63	22.76	22.58	23.00
		50	25	22.70	22.70	22.63	23.00
		50	50	22.64	22.58	22.71	23.00
		100	0	22.71	22.71	22.66	23.00
	16QAM	1	0	22.69	22.64	22.65	23.00
		1	50	22.72	22.62	22.69	23.00
		1	99	22.73	22.65	22.74	23.00
		50	0	21.60	21.68	21.66	22.00
		50	25	21.70	21.54	21.73	22.00
		50	50	21.75	21.66	21.73	22.00
		100	0	21.58	21.68	21.60	22.00
	64QAM	1	0	21.72	21.74	21.76	22.00
		1	50	21.71	21.68	21.56	22.00
		1	99	21.66	21.71	21.74	22.00
		50	0	20.63	20.76	20.68	21.00
		50	25	20.65	20.72	20.66	21.00
		50	50	20.63	20.63	20.63	21.00
		100	0	20.63	20.59	20.61	21.00
	256QAM	1	0	18.58	18.61	18.64	19.00
		1	50	18.65	18.58	18.66	19.00
		1	99	18.68	18.65	18.61	19.00
		50	0	18.60	18.62	18.64	19.00
		50	25	18.73	18.69	18.63	19.00
		50	50	18.56	18.66	18.59	19.00
		100	0	18.73	18.56	18.71	19.00

LTE Band 7 For ENDC Body(15mm/0mm)				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20775	21100	21425	
5MHz	QPSK	1	0	20.20	20.15	20.16	20.50
		1	13	20.16	20.15	20.17	20.50
		1	24	20.04	20.07	20.05	20.50
		12	0	20.19	20.09	20.11	20.50
		12	6	20.03	20.05	20.14	20.50
		12	13	20.17	20.10	20.15	20.50
		25	0	20.17	20.15	20.08	20.50
	16QAM	1	0	20.04	20.23	20.23	20.50
		1	13	20.18	20.23	20.07	20.50
		1	24	20.12	20.18	20.26	20.50
		12	0	20.18	20.26	20.11	20.50
		12	6	20.14	20.14	20.16	20.50
		12	13	20.21	20.23	20.12	20.50
		25	0	20.12	20.10	20.11	20.50
	64QAM	1	0	20.13	20.06	20.10	20.50
		1	13	20.17	20.11	20.18	20.50
		1	24	20.21	20.13	20.14	20.50
		12	0	20.08	20.13	20.19	20.50
		12	6	20.16	20.12	20.20	20.50
		12	13	20.14	20.17	20.16	20.50
		25	0	20.14	20.08	20.21	20.50
	256QAM	1	0	18.64	18.58	18.67	19.00
		1	13	18.59	18.64	18.67	19.00
		1	24	18.72	18.70	18.69	19.00
		12	0	18.62	18.66	18.59	19.00
		12	6	18.62	18.65	18.60	19.00
		12	13	18.58	18.67	18.65	19.00
		25	0	18.63	18.70	18.60	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20800	21100	21400	
10MHz	QPSK	1	0	20.20	20.06	20.27	20.50
		1	25	20.09	20.18	20.18	20.50
		1	49	20.05	20.03	20.15	20.50
		25	0	20.17	20.07	20.15	20.50
		25	13	20.16	20.19	20.15	20.50
		25	25	20.22	20.10	20.09	20.50
		50	0	20.21	20.12	20.15	20.50
	16QAM	1	0	20.06	20.11	20.22	20.50
		1	25	20.10	20.14	20.11	20.50
		1	49	20.16	20.09	20.24	20.50
		25	0	20.24	20.28	20.14	20.50
		25	13	20.13	20.16	20.15	20.50
		25	25	20.15	20.26	20.15	20.50
		50	0	20.20	20.17	20.17	20.50
	64QAM	1	0	20.24	20.04	20.09	20.50
		1	25	20.15	20.21	20.10	20.50
		1	49	20.17	20.10	20.17	20.50

		25	0	20.09	20.17	20.26	20.50
		25	13	20.12	20.19	20.19	20.50
		25	25	20.12	20.24	20.16	20.50
		50	0	20.11	20.07	20.16	20.50
	256QAM	1	0	18.70	18.65	18.64	19.00
		1	25	18.60	18.71	18.75	19.00
		1	49	18.76	18.73	18.68	19.00
		25	0	18.64	18.76	18.64	19.00
		25	13	18.63	18.76	18.67	19.00
		25	25	18.65	18.64	18.59	19.00
		50	0	18.62	18.74	18.60	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20825	21100	21375	
15MHz	QPSK	1	0	20.15	20.11	20.14	20.50
		1	38	20.12	20.26	20.16	20.50
		1	74	20.12	20.14	20.15	20.50
		36	0	20.23	20.09	20.20	20.50
		36	18	20.15	20.07	20.15	20.50
		36	39	20.21	20.12	20.08	20.50
		75	0	20.11	20.10	20.11	20.50
	16QAM	1	0	20.11	20.17	20.24	20.50
		1	38	20.09	20.23	20.09	20.50
		1	74	20.16	20.15	20.16	20.50
		36	0	20.16	20.24	20.08	20.50
		36	18	20.08	20.13	20.24	20.50
		36	39	20.18	20.27	20.05	20.50
		75	0	20.13	20.08	20.18	20.50
	64QAM	1	0	20.14	20.04	20.19	20.50
		1	38	20.18	20.17	20.13	20.50
		1	74	20.14	20.13	20.25	20.50
		36	0	20.13	20.16	20.16	20.50
		36	18	20.16	20.19	20.25	20.50
		36	39	20.16	20.20	20.13	20.50
		75	0	20.08	20.15	20.20	20.50
	256QAM	1	0	18.65	18.56	18.62	19.00
		1	38	18.57	18.68	18.76	19.00
		1	74	18.75	18.67	18.67	19.00
		36	0	18.74	18.74	18.61	19.00
		36	18	18.60	18.75	18.65	19.00
		36	39	18.66	18.61	18.69	19.00
		75	0	18.58	18.76	18.59	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20850	21100	21350	
20MHz	QPSK	1	0	20.10	20.34	20.13	20.50
		1	50	20.12	20.20	20.25	20.50
		1	99	20.09	20.03	20.05	20.50
		50	0	20.24	20.29	20.11	20.50
		50	25	20.12	20.17	20.11	20.50
		50	50	20.10	20.15	20.17	20.50
		100	0	20.16	20.21	20.20	20.50
	16QAM	1	0	20.07	20.17	20.13	20.50

		1	50	20.18	20.26	20.16	20.50
		1	99	20.15	20.17	20.24	20.50
		50	0	20.25	20.16	20.09	20.50
		50	25	20.06	20.25	20.15	20.50
		50	50	20.22	20.18	20.18	20.50
		100	0	20.12	20.07	20.18	20.50
	64QAM	1	0	20.18	20.13	20.13	20.50
		1	50	20.18	20.16	20.10	20.50
		1	99	20.16	20.18	20.22	20.50
		50	0	20.08	20.11	20.23	20.50
		50	25	20.16	20.22	20.18	20.50
		50	50	20.18	20.21	20.15	20.50
		100	0	20.17	20.08	20.26	20.50
	256QAM	1	0	18.65	18.59	18.66	19.00
		1	50	18.59	18.76	18.74	19.00
		1	99	18.67	18.71	18.72	19.00
		50	0	18.68	18.67	18.62	19.00
		50	25	18.67	18.74	18.56	19.00
		50	50	18.63	18.61	18.59	19.00
		100	0	18.59	18.73	18.59	19.00

LTE Band 7 For ENDC Hotspot				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20775	21100	21425	
5MHz	QPSK	1	0	18.06	18.23	18.25	18.50
		1	13	18.14	18.18	18.13	18.50
		1	24	18.09	18.09	18.16	18.50
		12	0	18.23	18.12	18.11	18.50
		12	6	18.18	18.17	18.16	18.50
		12	13	18.15	18.09	18.12	18.50
	16QAM	25	0	18.04	18.07	18.08	18.50
		1	0	18.12	18.15	18.15	18.50
		1	13	18.17	18.20	18.16	18.50
		1	24	18.15	18.16	18.09	18.50
		12	0	18.12	18.16	18.13	18.50
		12	6	18.20	18.22	18.16	18.50
	64QAM	12	13	18.18	18.15	18.14	18.50
		25	0	18.16	18.15	18.15	18.50
		1	0	18.18	18.21	18.25	18.50
		1	13	18.14	18.04	18.23	18.50
		1	24	18.08	18.21	18.28	18.50
		12	0	18.03	18.25	18.18	18.50
	256QAM	12	6	18.22	18.22	18.07	18.50
		12	13	18.16	18.14	18.28	18.50
		25	0	18.14	18.20	18.26	18.50
		1	0	18.16	18.27	18.15	18.50
		1	13	18.05	18.10	18.14	18.50
		1	24	18.09	18.18	18.05	18.50

		12	0	18.14	18.15	18.19	18.50
		12	6	18.10	18.15	18.24	18.50
		12	13	18.13	18.15	18.18	18.50
		25	0	18.08	18.17	18.13	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20800	21100	21400	
10MHz	QPSK	1	0	18.17	18.17	18.22	18.50
		1	25	18.18	18.16	18.10	18.50
		1	49	18.14	18.17	18.17	18.50
		25	0	18.19	18.16	18.04	18.50
		25	13	18.17	18.14	18.13	18.50
		25	25	18.23	18.20	18.15	18.50
		50	0	18.06	18.07	18.13	18.50
	16QAM	1	0	18.12	18.16	18.20	18.50
		1	25	18.20	18.22	18.14	18.50
		1	49	18.18	18.15	18.11	18.50
		25	0	18.23	18.27	18.13	18.50
		25	13	18.24	18.19	18.11	18.50
		25	25	18.21	18.25	18.16	18.50
		50	0	18.19	18.17	18.20	18.50
	64QAM	1	0	18.26	18.17	18.26	18.50
		1	25	18.09	18.08	18.13	18.50
		1	49	18.16	18.25	18.15	18.50
		25	0	18.09	18.26	18.16	18.50
		25	13	18.17	18.18	18.05	18.50
		25	25	18.08	18.13	18.27	18.50
		50	0	18.11	18.12	18.17	18.50
	256QAM	1	0	18.16	18.22	18.14	18.50
		1	25	18.09	18.16	18.13	18.50
		1	49	18.06	18.15	18.10	18.50
		25	0	18.13	18.15	18.26	18.50
		25	13	18.09	18.17	18.27	18.50
		25	25	18.17	18.12	18.17	18.50
		50	0	18.18	18.08	18.14	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20825	21100	21375	
15MHz	QPSK	1	0	18.14	18.13	18.25	18.50
		1	38	18.05	18.14	18.14	18.50
		1	74	18.17	18.12	18.16	18.50
		36	0	18.21	18.22	18.16	18.50
		36	18	18.14	18.13	18.12	18.50
		36	39	18.23	18.22	18.08	18.50
		75	0	18.12	18.10	18.11	18.50
	16QAM	1	0	18.10	18.24	18.15	18.50
		1	38	18.16	18.23	18.21	18.50
		1	74	18.17	18.07	18.11	18.50
		36	0	18.12	18.20	18.18	18.50
		36	18	18.18	18.23	18.17	18.50
		36	39	18.18	18.18	18.12	18.50
		75	0	18.17	18.11	18.09	18.50
	64QAM	1	0	18.14	18.20	18.25	18.50

		1	38	18.14	18.16	18.10	18.50
		1	74	18.17	18.25	18.22	18.50
		36	0	18.15	18.28	18.14	18.50
		36	18	18.19	18.24	18.08	18.50
		36	39	18.07	18.11	18.22	18.50
		75	0	18.14	18.14	18.28	18.50
	256QAM	1	0	18.25	18.19	18.06	18.50
		1	38	18.15	18.13	18.16	18.50
		1	74	18.15	18.13	18.16	18.50
		36	0	18.17	18.18	18.22	18.50
		36	18	18.14	18.19	18.21	18.50
		36	39	18.09	18.21	18.15	18.50
		75	0	18.12	18.15	18.19	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20850	21100	21350	
20MHz	QPSK	1	0	18.10	18.33	18.21	18.50
		1	50	18.04	18.11	18.14	18.50
		1	99	18.11	18.18	18.26	18.50
		50	0	18.22	18.24	18.05	18.50
		50	25	18.18	18.22	18.14	18.50
		50	50	18.22	18.13	18.05	18.50
		100	0	18.08	18.13	18.11	18.50
	16QAM	1	0	18.18	18.21	18.22	18.50
		1	50	18.14	18.23	18.22	18.50
		1	99	18.15	18.16	18.15	18.50
		50	0	18.23	18.25	18.17	18.50
		50	25	18.15	18.18	18.22	18.50
		50	50	18.20	18.24	18.17	18.50
		100	0	18.08	18.11	18.22	18.50
	64QAM	1	0	18.17	18.23	18.23	18.50
		1	50	18.12	18.10	18.23	18.50
		1	99	18.09	18.18	18.26	18.50
		50	0	18.06	18.28	18.24	18.50
		50	25	18.12	18.15	18.18	18.50
		50	50	18.06	18.17	18.19	18.50
		100	0	18.10	18.17	18.22	18.50
	256QAM	1	0	18.22	18.22	18.04	18.50
		1	50	18.13	18.10	18.16	18.50
		1	99	18.07	18.13	18.14	18.50
		50	0	18.16	18.10	18.20	18.50
		50	25	18.08	18.12	18.19	18.50
		50	50	18.17	18.23	18.18	18.50
		100	0	18.14	18.12	18.12	18.50

LTE Band 66 For ENDC/ULCA Head				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131979	132322	132665	
1.4MHz	QPSK	1	0	23.21	23.25	23.14	24.50
		1	2	23.32	23.24	23.24	24.50

		1	5	23.22	23.21	23.16	24.50
		3	0	23.25	23.22	23.23	24.50
		3	1	23.34	23.18	23.28	24.50
		3	3	23.19	23.24	23.20	24.50
		6	0	22.19	22.30	22.28	23.50
	16QAM	1	0	22.24	22.27	22.20	23.50
		1	2	22.12	22.20	22.15	23.50
		1	5	22.26	22.27	22.20	23.50
		3	0	22.19	22.36	22.17	23.50
		3	1	22.25	22.22	22.21	23.50
		3	3	22.29	22.26	22.21	23.50
		6	0	21.20	21.29	21.29	22.50
	64QAM	1	0	21.28	21.29	21.12	22.50
		1	2	21.21	21.20	21.35	22.50
		1	5	21.23	21.35	21.23	22.50
		3	0	21.14	21.13	21.17	22.50
		3	1	21.15	21.30	21.27	22.50
		3	3	21.14	21.12	21.21	22.50
		6	0	20.16	20.26	20.10	21.50
	256QAM	1	0	18.23	18.31	18.26	19.50
		1	2	18.32	18.25	18.23	19.50
		1	5	18.26	18.26	18.22	19.50
		3	0	18.26	18.30	18.21	19.50
		3	1	18.28	18.23	18.26	19.50
		3	3	18.20	18.21	18.14	19.50
		6	0	18.26	18.27	18.21	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131987	132322	132657	
3MHz	QPSK	1	0	23.18	23.36	23.39	24.50
		1	7	23.35	23.32	23.27	24.50
		1	14	23.33	23.28	23.35	24.50
		8	0	22.33	22.32	22.36	23.50
		8	4	22.25	22.12	22.29	23.50
		8	7	22.31	22.23	22.27	23.50
		15	0	22.21	22.38	22.29	23.50
	16QAM	1	0	22.31	22.22	22.24	23.50
		1	7	22.15	22.28	22.24	23.50
		1	14	22.27	22.26	22.22	23.50
		8	0	21.29	21.31	21.14	22.50
		8	4	21.27	21.18	21.26	22.50
		8	7	21.40	21.14	21.24	22.50
		15	0	21.35	21.20	21.22	22.50
	64QAM	1	0	21.38	21.30	21.32	22.50
		1	7	21.17	21.23	21.19	22.50
		1	14	21.10	21.31	21.17	22.50
		8	0	20.32	20.20	20.20	21.50
		8	4	20.17	20.28	20.28	21.50
		8	7	20.35	20.24	20.28	21.50
		15	0	20.34	20.26	20.17	21.50
	256QAM	1	0	18.13	18.26	18.29	19.50
		1	7	18.32	18.36	18.18	19.50

		1	14	18.24	18.25	18.37	19.50
		8	0	18.25	18.20	18.27	19.50
		8	4	18.28	18.27	18.20	19.50
		8	7	18.19	18.33	18.28	19.50
		15	0	18.22	18.14	18.22	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131997	132322	132647	
5MHz	QPSK	1	0	23.19	23.30	23.31	24.50
		1	13	23.25	23.35	23.35	24.50
		1	24	23.27	23.36	23.33	24.50
		12	0	22.26	22.36	22.34	23.50
		12	6	22.14	22.17	22.28	23.50
		12	13	22.26	22.22	22.35	23.50
		25	0	22.25	22.37	22.21	23.50
	16QAM	1	0	22.33	22.25	22.25	23.50
		1	13	22.19	22.21	22.23	23.50
		1	24	22.21	22.35	22.28	23.50
		12	0	21.32	21.25	21.20	22.50
		12	6	21.20	21.25	21.23	22.50
		12	13	21.34	21.14	21.32	22.50
		25	0	21.33	21.25	21.25	22.50
	64QAM	1	0	21.33	21.21	21.26	22.50
		1	13	21.16	21.17	21.21	22.50
		1	24	21.18	21.31	21.24	22.50
		12	0	20.30	20.29	20.26	21.50
		12	6	20.23	20.19	20.31	21.50
		12	13	20.23	20.31	20.21	21.50
		25	0	20.26	20.33	20.24	21.50
	256QAM	1	0	18.16	18.31	18.31	19.50
		1	13	18.27	18.36	18.24	19.50
		1	24	18.23	18.36	18.40	19.50
		12	0	18.22	18.25	18.25	19.50
		12	6	18.18	18.31	18.16	19.50
		12	13	18.24	18.22	18.24	19.50
		25	0	18.20	18.28	18.23	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132022	132322	132622	
10MHz	QPSK	1	0	23.36	23.42	23.45	24.50
		1	25	23.46	23.49	23.48	24.50
		1	49	23.44	23.52	23.52	24.50
		25	0	22.42	22.52	22.39	23.50
		25	13	22.36	22.41	22.49	23.50
		25	25	22.39	22.27	22.52	23.50
		50	0	22.41	22.43	22.46	23.50
	16QAM	1	0	22.47	22.37	22.32	23.50
		1	25	22.34	22.39	22.41	23.50
		1	49	22.38	22.36	22.37	23.50
		25	0	21.42	21.41	21.35	22.50
		25	13	21.39	21.44	21.47	22.50
		25	25	21.46	21.39	21.39	22.50
		50	0	21.54	21.31	21.31	22.50

	64QAM	1	0	21.52	21.37	21.43	22.50
		1	25	21.30	21.36	21.39	22.50
		1	49	21.32	21.40	21.41	22.50
		25	0	20.37	20.39	20.35	21.50
		25	13	20.35	20.37	20.46	21.50
		25	25	20.50	20.50	20.34	21.50
		50	0	20.52	20.44	20.36	21.50
	256QAM	1	0	18.35	18.43	18.41	19.50
		1	25	18.45	18.55	18.27	19.50
		1	49	18.38	18.51	18.53	19.50
		25	0	18.43	18.45	18.37	19.50
		25	13	18.35	18.39	18.33	19.50
		25	25	18.32	18.42	18.43	19.50
		50	0	18.32	18.31	18.39	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132047	132322	132597	
15MHz	QPSK	1	0	23.33	23.47	23.49	24.50
		1	38	23.42	23.50	23.50	24.50
		1	74	23.39	23.42	23.41	24.50
		36	0	22.48	22.54	22.49	23.50
		36	18	22.35	22.35	22.48	23.50
		36	39	22.47	22.36	22.40	23.50
		75	0	22.44	22.51	22.35	23.50
	16QAM	1	0	22.56	22.34	22.34	23.50
		1	38	22.30	22.42	22.46	23.50
		1	74	22.32	22.45	22.43	23.50
		36	0	21.43	21.33	21.30	22.50
		36	18	21.41	21.37	21.47	22.50
		36	39	21.54	21.39	21.38	22.50
		75	0	21.48	21.41	21.37	22.50
	64QAM	1	0	21.53	21.44	21.46	22.50
		1	38	21.31	21.31	21.45	22.50
		1	74	21.31	21.43	21.39	22.50
		36	0	20.38	20.44	20.37	21.50
		36	18	20.38	20.43	20.38	21.50
		36	39	20.51	20.44	20.32	21.50
		75	0	20.48	20.47	20.41	21.50
	256QAM	1	0	18.29	18.55	18.47	19.50
		1	38	18.45	18.42	18.37	19.50
		1	74	18.45	18.42	18.52	19.50
		36	0	18.46	18.37	18.50	19.50
		36	18	18.44	18.45	18.38	19.50
		36	39	18.36	18.44	18.38	19.50
		75	0	18.32	18.37	18.38	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132072	132322	132572	
20MHz	QPSK	1	0	23.50	23.67	23.62	24.50
		1	50	23.59	23.53	23.51	24.50
		1	99	23.53	23.61	23.61	24.50
		50	0	22.54	22.62	22.55	23.50
		50	25	22.44	22.39	22.53	23.50

		50	50	22.55	22.38	22.54	23.50
		100	0	22.49	22.54	22.45	23.50
	16QAM	1	0	22.58	22.53	22.52	23.50
		1	50	22.41	22.50	22.54	23.50
		1	99	22.47	22.52	22.45	23.50
		50	0	21.50	21.54	21.39	22.50
		50	25	21.40	21.42	21.47	22.50
		50	50	21.52	21.48	21.53	22.50
		100	0	21.54	21.47	21.49	22.50
	64QAM	1	0	21.53	21.53	21.53	22.50
		1	50	21.49	21.39	21.43	22.50
		1	99	21.47	21.56	21.54	22.50
		50	0	20.51	20.42	20.53	21.50
		50	25	20.43	20.55	20.58	21.50
		50	50	20.61	20.49	20.48	21.50
		100	0	20.54	20.53	20.42	21.50
	256QAM	1	0	18.36	18.59	18.46	19.50
		1	50	18.45	18.65	18.46	19.50
		1	99	18.56	18.55	18.55	19.50
		50	0	18.53	18.52	18.52	19.50
		50	25	18.44	18.57	18.49	19.50
		50	50	18.40	18.56	18.51	19.50
		100	0	18.44	18.44	18.45	19.50

LTE Band 66 For ENDC/ULCA Body(15mm/0mm)				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131979	132322	132665	
1.4MHz	QPSK	1	0	21.08	21.16	21.18	22.50
		1	2	21.16	21.16	21.21	22.50
		1	5	21.08	21.13	21.21	22.50
		3	0	21.27	21.11	21.13	22.50
		3	1	21.19	21.20	21.25	22.50
		3	3	21.13	21.15	21.28	22.50
		6	0	21.16	21.19	21.27	22.50
	16QAM	1	0	21.23	21.13	21.06	22.50
		1	2	21.13	21.07	21.13	22.50
		1	5	21.22	21.16	21.24	22.50
		3	0	21.17	21.11	21.23	22.50
		3	1	21.19	21.24	21.22	22.50
		3	3	21.15	21.20	21.04	22.50
		6	0	21.21	21.18	21.14	22.50
	64QAM	1	0	21.28	21.11	21.28	22.50
		1	2	21.10	21.19	21.16	22.50
		1	5	21.18	21.20	21.14	22.50
		3	0	21.18	21.07	21.14	22.50
		3	1	21.24	21.10	21.16	22.50
		3	3	21.08	21.18	21.15	22.50
		6	0	20.20	20.06	20.14	21.50
	256QAM	1	0	18.06	18.21	18.06	19.50

		1	2	18.13	18.16	18.24	19.50
		1	5	18.17	18.12	18.22	19.50
		3	0	18.11	18.10	18.29	19.50
		3	1	18.08	18.17	18.11	19.50
		3	3	18.19	18.15	18.06	19.50
		6	0	18.17	18.14	18.13	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131987	132322	132657	
3MHz	QPSK	1	0	21.36	21.25	21.31	22.50
		1	7	21.27	21.15	21.26	22.50
		1	14	21.14	21.38	21.30	22.50
		8	0	21.35	21.32	21.24	22.50
		8	4	21.23	21.17	21.18	22.50
		8	7	21.27	21.20	21.21	22.50
		15	0	21.31	21.19	21.25	22.50
	16QAM	1	0	21.25	21.27	21.21	22.50
		1	7	21.31	21.19	21.15	22.50
		1	14	21.25	21.19	21.36	22.50
		8	0	21.28	21.28	21.30	22.50
		8	4	21.28	21.16	21.30	22.50
		8	7	21.25	21.23	21.32	22.50
		15	0	21.15	21.23	21.26	22.50
	64QAM	1	0	21.24	21.28	21.23	22.50
		1	7	21.28	21.27	21.21	22.50
		1	14	21.29	21.24	21.26	22.50
		8	0	20.22	20.20	20.25	21.50
		8	4	20.25	20.31	20.23	21.50
		8	7	20.18	20.25	20.23	21.50
		15	0	20.33	20.17	20.25	21.50
	256QAM	1	0	18.27	18.29	18.21	19.50
		1	7	18.22	18.33	18.24	19.50
		1	14	18.29	18.27	18.24	19.50
		8	0	18.25	18.21	18.29	19.50
		8	4	18.22	18.26	18.16	19.50
		8	7	18.25	18.34	18.25	19.50
		15	0	18.35	18.20	18.18	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131997	132322	132647	
5MHz	QPSK	1	0	21.29	21.31	21.21	22.50
		1	13	21.16	21.17	21.30	22.50
		1	24	21.19	21.26	21.23	22.50
		12	0	21.27	21.32	21.25	22.50
		12	6	21.25	21.17	21.20	22.50
		12	13	21.25	21.28	21.16	22.50
		25	0	21.26	21.18	21.21	22.50
	16QAM	1	0	21.25	21.34	21.23	22.50
		1	13	21.35	21.26	21.18	22.50
		1	24	21.25	21.19	21.34	22.50
		12	0	21.19	21.37	21.29	22.50
		12	6	21.28	21.21	21.29	22.50
		12	13	21.23	21.35	21.31	22.50

	64QAM	25	0	21.24	21.25	21.21	22.50
		1	0	21.21	21.28	21.21	22.50
		1	13	21.36	21.27	21.24	22.50
		1	24	21.24	21.19	21.34	22.50
		12	0	20.23	20.20	20.18	21.50
		12	6	20.16	20.35	20.29	21.50
		12	13	20.15	20.15	20.25	21.50
		25	0	20.39	20.25	20.29	21.50
	256QAM	1	0	18.16	18.23	18.15	19.50
		1	13	18.22	18.31	18.14	19.50
		1	24	18.16	18.24	18.25	19.50
		12	0	18.33	18.21	18.28	19.50
		12	6	18.24	18.22	18.21	19.50
		12	13	18.20	18.23	18.36	19.50
		25	0	18.34	18.19	18.20	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132022	132322	132622	
10MHz	QPSK	1	0	21.49	21.44	21.39	22.50
		1	25	21.40	21.27	21.54	22.50
		1	49	21.30	21.46	21.37	22.50
		25	0	21.44	21.42	21.44	22.50
		25	13	21.33	21.38	21.34	22.50
		25	25	21.36	21.35	21.39	22.50
		50	0	21.45	21.42	21.35	22.50
	16QAM	1	0	21.49	21.51	21.34	22.50
		1	25	21.45	21.43	21.39	22.50
		1	49	21.41	21.36	21.52	22.50
		25	0	21.41	21.50	21.36	22.50
		25	13	21.46	21.34	21.39	22.50
		25	25	21.43	21.50	21.40	22.50
		50	0	21.39	21.44	21.45	22.50
	64QAM	1	0	21.43	21.45	21.40	22.50
		1	25	21.51	21.41	21.41	22.50
		1	49	21.40	21.35	21.52	22.50
		25	0	20.41	20.35	20.41	21.50
		25	13	20.29	20.39	20.44	21.50
		25	25	20.42	20.42	20.45	21.50
		50	0	20.55	20.33	20.42	21.50
	256QAM	1	0	18.41	18.42	18.36	19.50
		1	25	18.37	18.45	18.40	19.50
		1	49	18.34	18.37	18.41	19.50
		25	0	18.45	18.34	18.41	19.50
		25	13	18.42	18.38	18.35	19.50
		25	25	18.38	18.42	18.47	19.50
		50	0	18.45	18.45	18.35	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132047	132322	132597	
15MHz	QPSK	1	0	21.40	21.37	21.47	22.50
		1	38	21.37	21.33	21.51	22.50
		1	74	21.34	21.47	21.48	22.50
		36	0	21.53	21.46	21.37	22.50

		36	18	21.34	21.34	21.40	22.50	
		36	39	21.43	21.44	21.28	22.50	
		75	0	21.41	21.35	21.33	22.50	
		16QAM	1	0	21.53	21.47	21.35	22.50
			1	38	21.48	21.30	21.36	22.50
			1	74	21.37	21.47	21.53	22.50
			36	0	21.43	21.51	21.43	22.50
			36	18	21.44	21.36	21.50	22.50
			36	39	21.38	21.40	21.44	22.50
	75		0	21.34	21.35	21.34	22.50	
	64QAM	1	0	21.36	21.49	21.33	22.50	
		1	38	21.45	21.53	21.37	22.50	
		1	74	21.48	21.38	21.48	22.50	
		36	0	20.38	20.33	20.29	21.50	
		36	18	20.40	20.42	20.45	21.50	
		36	39	20.42	20.39	20.50	21.50	
		75	0	20.43	20.30	20.47	21.50	
	256QAM	1	0	18.29	18.37	18.32	19.50	
		1	38	18.36	18.46	18.41	19.50	
		1	74	18.39	18.37	18.30	19.50	
		36	0	18.42	18.39	18.44	19.50	
		36	18	18.33	18.41	18.33	19.50	
		36	39	18.34	18.42	18.39	19.50	
		75	0	18.42	18.37	18.33	19.50	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					132072	132322	132572	
	20MHz	QPSK	1	0	21.61	21.64	21.58	22.50
			1	50	21.43	21.47	21.57	22.50
1			99	21.47	21.51	21.55	22.50	
50			0	21.56	21.57	21.46	22.50	
50			25	21.52	21.43	21.44	22.50	
50			50	21.47	21.42	21.45	22.50	
100			0	21.53	21.46	21.48	22.50	
16QAM		1	0	21.56	21.50	21.54	22.50	
		1	50	21.51	21.48	21.46	22.50	
		1	99	21.41	21.46	21.62	22.50	
		50	0	21.53	21.60	21.52	22.50	
		50	25	21.59	21.41	21.51	22.50	
		50	50	21.51	21.53	21.58	22.50	
		100	0	21.50	21.54	21.44	22.50	
64QAM		1	0	21.41	21.51	21.43	22.50	
		1	50	21.62	21.58	21.48	22.50	
		1	99	21.47	21.47	21.58	22.50	
		50	0	20.48	20.51	20.39	21.50	
		50	25	20.51	20.55	20.50	21.50	
		50	50	20.42	20.51	20.54	21.50	
		100	0	20.52	20.48	20.56	21.50	
256QAM		1	0	18.39	18.51	18.43	19.50	
		1	50	18.50	18.49	18.46	19.50	
		1	99	18.46	18.41	18.46	19.50	
		50	0	18.58	18.50	18.58	19.50	

		50	25	18.42	18.51	18.45	19.50
		50	50	18.49	18.59	18.62	19.50
		100	0	18.58	18.56	18.47	19.50

LTE Band 66 For ENDC/ULCA Hotspot				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131979	132322	132665	
1.4MHz	QPSK	1	0	20.12	20.34	20.29	21.50
		1	2	20.34	20.24	20.28	21.50
		1	5	20.18	20.29	20.25	21.50
		3	0	20.30	20.30	20.29	21.50
		3	1	20.31	20.31	20.18	21.50
		3	3	20.30	20.27	20.30	21.50
		6	0	20.28	20.33	20.28	21.50
	16QAM	1	0	20.19	20.24	20.33	21.50
		1	2	20.27	20.25	20.25	21.50
		1	5	20.15	20.25	20.17	21.50
		3	0	20.34	20.28	20.31	21.50
		3	1	20.24	20.21	20.38	21.50
		3	3	20.31	20.36	20.26	21.50
		6	0	20.36	20.36	20.21	21.50
	64QAM	1	0	20.27	20.24	20.30	21.50
		1	2	20.15	20.19	20.36	21.50
		1	5	20.24	20.14	20.31	21.50
		3	0	20.34	20.30	20.27	21.50
		3	1	20.37	20.21	20.21	21.50
		3	3	20.28	20.19	20.32	21.50
		6	0	20.20	20.20	20.27	21.50
	256QAM	1	0	18.19	18.23	18.22	19.50
		1	2	18.27	18.20	18.28	19.50
		1	5	18.29	18.34	18.27	19.50
		3	0	18.25	18.17	18.35	19.50
		3	1	18.25	18.16	18.28	19.50
		3	3	18.16	18.25	18.31	19.50
		6	0	18.30	18.32	18.31	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131987	132322	132657	
3MHz	QPSK	1	0	20.26	20.28	20.34	21.50
		1	7	20.36	20.14	20.27	21.50
		1	14	20.27	20.33	20.18	21.50
		8	0	20.23	20.38	20.32	21.50
		8	4	20.37	20.25	20.14	21.50
		8	7	20.30	20.25	20.22	21.50
		15	0	20.36	20.36	20.28	21.50
	16QAM	1	0	20.25	20.27	20.30	21.50
		1	7	20.17	20.28	20.25	21.50
		1	14	20.13	20.31	20.17	21.50
		8	0	20.38	20.33	20.32	21.50
		8	4	20.22	20.33	20.26	21.50

		8	7	20.33	20.25	20.27	21.50
		15	0	20.30	20.34	20.29	21.50
	64QAM	1	0	20.17	20.34	20.28	21.50
		1	7	20.23	20.27	20.38	21.50
		1	14	20.27	20.14	20.32	21.50
		8	0	20.38	20.31	20.30	21.50
		8	4	20.27	20.22	20.24	21.50
		8	7	20.26	20.24	20.29	21.50
		15	0	20.16	20.20	20.29	21.50
		1	0	18.14	18.21	18.30	19.50
	256QAM	1	7	18.33	18.23	18.23	19.50
		1	14	18.17	18.32	18.31	19.50
		8	0	18.24	18.29	18.34	19.50
		8	4	18.31	18.16	18.18	19.50
		8	7	18.24	18.25	18.34	19.50
		15	0	18.28	18.35	18.32	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131997	132322	132647	
5MHz	QPSK	1	0	20.25	20.28	20.31	21.50
		1	13	20.35	20.19	20.26	21.50
		1	24	20.16	20.28	20.28	21.50
		12	0	20.20	20.27	20.24	21.50
		12	6	20.34	20.34	20.13	21.50
		12	13	20.25	20.24	20.32	21.50
		25	0	20.31	20.23	20.36	21.50
	16QAM	1	0	20.28	20.35	20.31	21.50
		1	13	20.26	20.18	20.25	21.50
		1	24	20.13	20.32	20.25	21.50
		12	0	20.30	20.25	20.27	21.50
		12	6	20.18	20.32	20.25	21.50
		12	13	20.34	20.25	20.23	21.50
		25	0	20.30	20.32	20.19	21.50
	64QAM	1	0	20.30	20.30	20.24	21.50
		1	13	20.15	20.27	20.29	21.50
		1	24	20.29	20.20	20.29	21.50
		12	0	20.33	20.26	20.32	21.50
		12	6	20.33	20.29	20.28	21.50
		12	13	20.27	20.20	20.39	21.50
		25	0	20.23	20.26	20.30	21.50
	256QAM	1	0	18.16	18.23	18.30	19.50
		1	13	18.22	18.22	18.30	19.50
		1	24	18.22	18.28	18.25	19.50
		12	0	18.32	18.18	18.21	19.50
		12	6	18.22	18.18	18.27	19.50
		12	13	18.18	18.24	18.22	19.50
		25	0	18.25	18.29	18.34	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132022	132322	132622	
10MHz	QPSK	1	0	20.37	20.47	20.38	21.50
		1	25	20.42	20.38	20.41	21.50
		1	49	20.37	20.45	20.39	21.50

		25	0	20.44	20.50	20.48	21.50
		25	13	20.39	20.39	20.31	21.50
		25	25	20.40	20.40	20.36	21.50
		50	0	20.47	20.39	20.51	21.50
	16QAM	1	0	20.41	20.51	20.53	21.50
		1	25	20.31	20.32	20.40	21.50
		1	49	20.28	20.44	20.41	21.50
		25	0	20.45	20.43	20.48	21.50
		25	13	20.36	20.47	20.43	21.50
		25	25	20.46	20.41	20.33	21.50
		50	0	20.45	20.49	20.44	21.50
	64QAM	1	0	20.43	20.38	20.36	21.50
		1	25	20.40	20.41	20.46	21.50
		1	49	20.43	20.38	20.43	21.50
		25	0	20.46	20.47	20.38	21.50
		25	13	20.51	20.40	20.37	21.50
		25	25	20.44	20.36	20.51	21.50
		50	0	20.31	20.40	20.38	21.50
	256QAM	1	0	18.31	18.36	18.36	19.50
		1	25	18.43	18.33	18.35	19.50
		1	49	18.44	18.47	18.50	19.50
		25	0	18.41	18.35	18.45	19.50
		25	13	18.38	18.40	18.36	19.50
		25	25	18.29	18.37	18.39	19.50
		50	0	18.43	18.40	18.53	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132047	132322	132597	
15MHz	QPSK	1	0	20.37	20.50	20.46	21.50
		1	38	20.42	20.36	20.41	21.50
		1	74	20.35	20.50	20.35	21.50
		36	0	20.40	20.45	20.43	21.50
		36	18	20.41	20.46	20.29	21.50
		36	39	20.41	20.35	20.35	21.50
		75	0	20.48	20.52	20.41	21.50
	16QAM	1	0	20.35	20.37	20.46	21.50
		1	38	20.31	20.30	20.50	21.50
		1	74	20.36	20.48	20.39	21.50
		36	0	20.51	20.49	20.39	21.50
		36	18	20.37	20.44	20.46	21.50
		36	39	20.42	20.47	20.41	21.50
		75	0	20.41	20.41	20.34	21.50
	64QAM	1	0	20.45	20.50	20.39	21.50
		1	38	20.39	20.34	20.51	21.50
		1	74	20.47	20.40	20.44	21.50
		36	0	20.51	20.41	20.44	21.50
		36	18	20.50	20.35	20.42	21.50
		36	39	20.45	20.38	20.42	21.50
		75	0	20.31	20.46	20.44	21.50
	256QAM	1	0	18.29	18.46	18.45	19.50
		1	38	18.35	18.40	18.36	19.50
		1	74	18.39	18.45	18.42	19.50

		36	0	18.49	18.44	18.44	19.50
		36	18	18.43	18.32	18.32	19.50
		36	39	18.40	18.34	18.48	19.50
		75	0	18.43	18.41	18.41	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132072	132322	132572	
20MHz	QPSK	1	0	20.41	20.68	20.53	21.50
		1	50	20.57	20.49	20.54	21.50
		1	99	20.44	20.60	20.44	21.50
		50	0	20.51	20.62	20.60	21.50
		50	25	20.55	20.53	20.40	21.50
		50	50	20.51	20.51	20.53	21.50
		100	0	20.56	20.52	20.60	21.50
	16QAM	1	0	20.46	20.59	20.61	21.50
		1	50	20.43	20.50	20.60	21.50
		1	99	20.45	20.49	20.40	21.50
		50	0	20.54	20.48	20.49	21.50
		50	25	20.52	20.45	20.59	21.50
		50	50	20.53	20.55	20.54	21.50
		100	0	20.55	20.58	20.53	21.50
	64QAM	1	0	20.43	20.55	20.50	21.50
		1	50	20.46	20.52	20.54	21.50
		1	99	20.57	20.42	20.55	21.50
		50	0	20.54	20.53	20.47	21.50
		50	25	20.61	20.45	20.47	21.50
		50	50	20.51	20.52	20.60	21.50
		100	0	20.48	20.47	20.49	21.50
	256QAM	1	0	18.42	18.49	18.45	19.50
		1	50	18.49	18.49	18.53	19.50
		1	99	18.40	18.56	18.57	19.50
		50	0	18.57	18.49	18.47	19.50
		50	25	18.45	18.41	18.49	19.50
		50	50	18.40	18.50	18.60	19.50
		100	0	18.52	18.59	18.53	19.50

3 Conducted Power of Main Antenna(Ant2)

3.1 Conducted Power of GSM

GSM 1900 Head										
Burst Output Power(dBm)						Division Factors	Frame-Average Output Power(dBm)			
Channel		512	661	810	Tune up		512	661	810	Tune up
GSM(GMSK)	GSM	26.41	26.43	26.37	27.80	-9.19	17.22	17.24	17.18	18.61
GPRS (GMSK)	1 TX Slot	26.40	26.35	26.42	27.80	-9.19	17.21	17.16	17.23	18.61
	2 TX Slots	26.37	26.49	26.41	27.80	-6.18	20.19	20.31	20.23	21.62
	3 TX Slots	24.60	24.61	24.62	26.00	-4.42	20.18	20.19	20.20	21.58
	4 TX Slots	23.08	23.08	23.02	24.50	-3.17	19.91	19.91	19.85	21.33
EGPRS (GMSK)	1 TX Slot	26.40	26.41	26.38	27.80	-9.19	17.21	17.22	17.19	18.61
	2 TX Slots	26.35	26.41	26.37	27.80	-6.18	20.17	20.23	20.19	21.62
	3 TX Slots	24.63	24.55	24.60	26.00	-4.42	20.21	20.13	20.18	21.58
	4 TX Slots	23.07	23.05	23.07	24.50	-3.17	19.90	19.88	19.90	21.33
EGPRS	1 TX Slot	25.52	25.53	25.46	26.80	-9.19	16.33	16.34	16.27	17.61

(8PSK)	2 TX Slots	24.69	24.74	24.70	26.00	-6.18	18.51	18.56	18.52	19.82
	3 TX Slots	22.71	22.71	22.68	24.00	-4.42	18.29	18.29	18.26	19.58
	4 TX Slots	21.69	21.73	21.66	23.00	-3.17	18.52	18.56	18.49	19.83

GSM 1900 Body(15mm/0mm)/Hotspot										
Burst Output Power(dBm)						Division Factors	Frame-Average Output Power(dBm)			
Channel		512	661	810	Tune up		512	661	810	Tune up
GSM(GMSK)	GSM	28.72	28.74	28.69	30.00	-9.19	19.53	19.55	19.50	20.81
GPRS (GMSK)	1 TX Slot	28.66	28.71	28.64	30.00	-9.19	19.47	19.52	19.45	20.81
	2 TX Slots	28.24	28.22	28.14	29.50	-6.18	22.06	22.04	21.96	23.32
	3 TX Slots	26.17	26.15	26.18	27.50	-4.42	21.75	21.73	21.76	23.08
	4 TX Slots	25.13	25.27	25.13	26.50	-3.17	21.96	22.10	21.96	23.33
EGPRS (GMSK)	1 TX Slot	28.58	28.57	28.57	30.00	-9.19	19.39	19.38	19.38	20.81
	2 TX Slots	28.20	28.17	28.22	29.50	-6.18	22.02	21.99	22.04	23.32
	3 TX Slots	26.21	26.14	26.21	27.50	-4.42	21.79	21.72	21.79	23.08
	4 TX Slots	25.15	25.15	25.18	26.50	-3.17	21.98	21.98	22.01	23.33
EGPRS (8PSK)	1 TX Slot	25.52	25.53	25.46	26.80	-9.19	16.33	16.34	16.27	17.61
	2 TX Slots	24.69	24.74	24.70	26.00	-6.18	18.51	18.56	18.52	19.82
	3 TX Slots	22.71	22.71	22.68	24.00	-4.42	18.29	18.29	18.26	19.58
	4 TX Slots	21.69	21.73	21.66	23.00	-3.17	18.52	18.56	18.49	19.83

3.2 Conducted Power of WCDMA

WCDMA Band 2 Head					
Average Conducted Power(dBm)					
Channel		9262	9400	9538	Tune up
WCDMA	12.2kbps RMC	19.18	19.22	19.12	20.00
	12.2kbps AMR	19.04	19.11	19.08	20.00
HSDPA	Subtest 1	18.15	18.01	18.10	19.00
	Subtest 2	18.07	18.08	18.09	19.00
	Subtest 3	17.62	17.52	17.57	18.50
	Subtest 4	17.53	17.56	17.59	18.50
HSUPA	Subtest 1	16.05	16.15	16.08	17.00
	Subtest 2	16.10	16.12	16.03	17.00
	Subtest 3	16.02	16.01	16.02	17.00
	Subtest 4	16.07	16.12	16.10	17.00
	Subtest 5	16.05	16.13	16.12	17.00
DC-HSDPA	Subtest 1	18.08	18.05	18.06	19.00
	Subtest 2	18.10	18.13	18.02	19.00
	Subtest 3	17.52	17.58	17.55	18.50
	Subtest 4	17.58	17.60	17.61	18.50
HSPA+	16QAM	17.09	17.13	17.05	18.00

WCDMA Band 2 Body(15mm/0mm)/Hotspot					
Average Conducted Power(dBm)					
Channel		9262	9400	9538	Tune up
WCDMA	12.2kbps RMC	22.34	22.39	22.28	23.00
	12.2kbps AMR	22.26	22.21	22.21	23.00
HSDPA	Subtest 1	21.27	21.26	21.21	22.00
	Subtest 2	21.28	21.25	21.21	22.00

	Subtest 3	20.72	20.71	20.75	21.50
	Subtest 4	20.68	20.72	20.75	21.50
HSDPA	Subtest 1	20.74	20.75	20.70	21.50
	Subtest 2	19.28	19.25	19.27	20.00
	Subtest 3	20.24	20.25	20.19	21.00
	Subtest 4	18.80	18.71	18.74	19.50
	Subtest 5	20.69	20.71	20.74	21.50
DC-HSDPA	Subtest 1	21.17	21.28	21.18	22.00
	Subtest 2	21.17	21.26	21.20	22.00
	Subtest 3	20.71	20.75	20.74	21.50
	Subtest 4	20.70	20.67	20.77	21.50
HSPA+	16QAM	20.21	20.25	20.29	21.00

WCDMA Band 4 Head					
Average Conducted Power(dBm)					
Channel		1312	1412	1513	Tune up
WCDMA	12.2kbps RMC	20.33	20.37	20.35	21.50
	12.2kbps AMR	20.31	20.32	20.33	21.50
HSDPA	Subtest 1	18.83	18.76	18.77	20.00
	Subtest 2	18.83	18.82	18.79	20.00
	Subtest 3	18.29	18.26	18.30	19.50
	Subtest 4	18.56	18.61	18.57	19.80
HSDPA	Subtest 1	16.71	16.77	16.80	18.00
	Subtest 2	16.75	16.74	16.80	18.00
	Subtest 3	16.71	16.82	16.81	18.00
	Subtest 4	16.74	16.79	16.80	18.00
	Subtest 5	18.53	18.65	18.58	19.80
DC-HSDPA	Subtest 1	18.77	18.71	18.79	20.00
	Subtest 2	18.74	18.84	18.84	20.00
	Subtest 3	18.24	18.27	18.28	19.50
	Subtest 4	18.52	18.54	18.57	19.80
HSPA+	16QAM	17.83	17.81	17.83	19.00

WCDMA Band 4 Body(15mm/0mm)/Hotspot					
Average Conducted Power(dBm)					
Channel		1312	1412	1513	Tune up
WCDMA	12.2kbps RMC	22.29	22.35	22.24	23.50
	12.2kbps AMR	22.28	22.31	22.22	23.50
HSDPA	Subtest 1	20.81	20.83	20.81	22.00
	Subtest 2	20.72	20.81	20.84	22.00
	Subtest 3	20.22	20.30	20.34	21.50
	Subtest 4	20.29	20.34	20.29	21.50
HSDPA	Subtest 1	19.83	19.76	19.85	21.00
	Subtest 2	19.75	19.74	19.75	21.00
	Subtest 3	19.77	19.79	19.80	21.00
	Subtest 4	19.75	19.75	19.77	21.00
	Subtest 5	20.85	20.84	20.75	22.00
DC-HSDPA	Subtest 1	20.75	20.82	20.85	22.00
	Subtest 2	20.83	20.84	20.77	22.00
	Subtest 3	20.25	20.25	20.29	21.50

	Subtest 4	20.25	20.28	20.33	21.50
HSPA+	16QAM	20.82	20.82	20.79	22.00

3.3 Conducted Power of LTE

LTE Band 2 Head				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18607	18900	19193	
1.4MHz	QPSK	1	0	18.03	17.98	18.08	18.50
		1	2	18.10	18.02	18.06	18.50
		1	5	18.10	18.07	18.04	18.50
		3	0	17.97	18.09	18.10	18.50
		3	2	18.03	18.03	18.02	18.50
		3	3	18.00	18.04	18.04	18.50
		6	0	18.01	17.99	18.02	18.50
	16QAM	1	0	18.08	18.03	18.09	18.50
		1	2	18.05	17.97	18.08	18.50
		1	5	18.01	18.03	18.04	18.50
		3	0	18.07	18.03	18.07	18.50
		3	2	18.05	18.09	18.10	18.50
		3	3	18.07	18.10	18.07	18.50
		6	0	18.11	17.98	18.00	18.50
	64QAM	1	0	18.07	18.08	17.99	18.50
		1	2	18.00	18.04	18.11	18.50
		1	5	18.05	18.09	18.10	18.50
		3	0	18.09	17.98	17.97	18.50
		3	2	17.98	17.98	18.07	18.50
		3	3	18.01	18.09	18.06	18.50
		6	0	18.00	18.09	18.03	18.50
	256QAM	1	0	17.98	18.00	18.06	18.50
		1	2	18.08	18.01	18.06	18.50
		1	5	17.97	18.07	17.98	18.50
		3	0	17.98	18.07	18.10	18.50
		3	2	18.08	18.10	17.99	18.50
		3	3	18.08	18.07	17.98	18.50
		6	0	18.00	18.01	17.99	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18615	18900	19185	
3MHz	QPSK	1	0	18.09	18.10	17.98	18.50
		1	7	18.00	18.03	18.07	18.50
		1	14	18.04	18.05	18.04	18.50
		8	0	18.05	18.05	18.10	18.50
		8	4	18.08	18.03	18.10	18.50
		8	7	18.08	17.99	18.07	18.50
		15	0	18.05	18.09	18.03	18.50
	16QAM	1	0	17.99	18.10	18.02	18.50
		1	7	18.00	18.09	18.00	18.50
		1	14	18.07	18.10	18.10	18.50
		8	0	18.00	17.98	18.10	18.50

		8	4	18.04	18.01	18.07	18.50
		8	7	18.04	17.97	18.01	18.50
		15	0	18.09	18.05	18.11	18.50
	64QAM	1	0	18.06	18.03	18.04	18.50
		1	7	18.05	18.08	18.10	18.50
		1	14	18.05	18.06	18.06	18.50
		8	0	17.99	18.08	17.98	18.50
		8	4	18.02	18.07	18.04	18.50
		8	7	18.11	18.09	17.98	18.50
		15	0	18.06	18.10	18.01	18.50
	256QAM	1	0	18.09	18.10	18.06	18.50
		1	7	18.07	18.11	18.04	18.50
		1	14	18.03	18.08	18.08	18.50
		8	0	18.02	17.98	17.99	18.50
		8	4	18.10	18.08	18.11	18.50
		8	7	18.01	18.01	18.05	18.50
		15	0	18.06	18.01	17.98	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18625	18900	19175	
5MHz	QPSK	1	0	18.08	18.04	17.99	18.50
		1	13	17.98	18.11	18.04	18.50
		1	24	18.01	18.05	18.06	18.50
		12	0	18.05	17.99	18.05	18.50
		12	6	18.02	18.08	17.99	18.50
		12	13	17.99	17.97	17.98	18.50
		25	0	18.08	17.98	18.06	18.50
	16QAM	1	0	18.07	17.99	18.00	18.50
		1	13	18.05	18.00	18.09	18.50
		1	24	18.02	18.06	18.03	18.50
		12	0	18.01	17.99	18.03	18.50
		12	6	18.08	18.04	17.99	18.50
		12	13	18.00	18.02	18.08	18.50
		25	0	18.10	18.02	18.00	18.50
	64QAM	1	0	18.10	17.98	17.98	18.50
		1	13	18.10	17.97	18.00	18.50
		1	24	18.07	18.07	18.10	18.50
		12	0	18.00	18.05	18.06	18.50
		12	6	18.08	18.07	18.03	18.50
		12	13	18.03	18.00	18.10	18.50
		25	0	18.05	18.08	17.97	18.50
	256QAM	1	0	18.02	18.06	18.11	18.50
		1	13	18.08	18.00	18.02	18.50
		1	24	18.07	18.03	18.09	18.50
		12	0	18.08	18.00	17.99	18.50
		12	6	17.99	18.10	18.07	18.50
		12	13	17.98	17.97	18.05	18.50
		25	0	18.04	18.01	18.06	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18650	18900	19150	
10MHz	QPSK	1	0	18.01	18.05	18.01	18.50

		1	25	18.07	18.06	18.09	18.50
		1	49	18.01	17.99	18.00	18.50
		25	0	18.03	18.00	18.03	18.50
		25	13	18.02	18.00	17.98	18.50
		25	25	18.08	18.05	17.98	18.50
		50	0	18.05	18.05	18.05	18.50
	16QAM	1	0	18.02	18.02	17.97	18.50
		1	25	18.09	18.02	18.04	18.50
		1	49	18.02	18.01	17.98	18.50
		25	0	18.03	18.03	17.98	18.50
		25	13	18.09	17.99	18.01	18.50
		25	25	18.10	17.97	18.01	18.50
		50	0	18.06	17.98	18.01	18.50
	64QAM	1	0	18.06	18.00	18.09	18.50
		1	25	17.98	18.03	18.08	18.50
		1	49	18.10	18.04	18.06	18.50
		25	0	18.11	18.07	17.98	18.50
		25	13	18.02	18.07	18.09	18.50
		25	25	17.99	18.09	18.00	18.50
	256QAM	50	0	18.08	18.02	17.99	18.50
		1	0	18.04	18.06	18.02	18.50
		1	25	18.01	18.07	18.10	18.50
		1	49	18.03	18.04	18.02	18.50
		25	0	18.01	18.06	18.04	18.50
		25	13	17.98	18.02	18.04	18.50
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
					18675	18900	19125
15MHz	QPSK						Tune up
	16QAM						Tune up
	64QAM						Tune up
	256QAM						

		1	38	17.98	18.10	18.03	18.50
		1	74	17.97	18.03	18.04	18.50
		36	0	17.98	18.03	18.09	18.50
		36	18	18.04	18.05	18.06	18.50
		36	39	18.04	18.03	18.09	18.50
		75	0	17.98	18.00	18.04	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18700	18900	19100	
20MHz	QPSK	1	0	18.08	18.19	18.08	18.50
		1	50	18.02	17.98	18.05	18.50
		1	99	18.05	18.09	18.06	18.50
		50	0	17.99	18.09	18.02	18.50
		50	25	18.10	18.10	18.05	18.50
		50	50	17.97	18.06	18.02	18.50
		100	0	18.09	18.09	18.06	18.50
	16QAM	1	0	17.97	18.00	18.08	18.50
		1	50	18.07	18.05	18.01	18.50
		1	99	18.06	18.08	18.07	18.50
		50	0	17.98	18.02	18.09	18.50
		50	25	18.00	17.98	18.09	18.50
		50	50	18.01	17.99	18.04	18.50
		100	0	18.05	18.06	17.98	18.50
	64QAM	1	0	18.05	18.09	18.02	18.50
		1	50	18.07	18.00	18.09	18.50
		1	99	18.07	18.00	17.99	18.50
		50	0	18.08	18.04	18.11	18.50
		50	25	18.05	18.01	18.01	18.50
		50	50	17.99	17.99	18.10	18.50
		100	0	17.97	18.05	17.97	18.50
	256QAM	1	0	18.08	18.02	18.04	18.50
		1	50	18.09	18.08	18.07	18.50
		1	99	17.99	18.10	18.00	18.50
		50	0	18.02	18.06	17.99	18.50
		50	25	17.98	18.10	18.02	18.50
		50	50	18.10	18.02	18.05	18.50
		100	0	18.08	17.99	18.11	18.50

LTE Band 2 Body(15mm/0mm)				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18607	18900	19193	
1.4MHz	QPSK	1	0	22.02	22.02	21.92	22.50
		1	2	22.00	22.02	21.97	22.50
		1	5	21.94	21.93	21.93	22.50
		3	0	21.92	21.92	22.02	22.50
		3	2	22.05	22.03	21.91	22.50
		3	3	21.99	21.95	21.92	22.50
		6	0	21.97	22.04	21.91	22.50
	16QAM	1	0	22.01	22.05	22.03	22.50

		1	2	22.03	21.99	22.01	22.50
		1	5	21.92	22.02	21.94	22.50
		3	0	21.92	22.00	21.91	22.50
		3	2	21.95	22.03	21.92	22.50
		3	3	22.04	21.94	21.96	22.50
		6	0	21.00	20.99	20.92	21.50
	64QAM	1	0	20.97	21.03	21.03	21.50
		1	2	21.04	21.03	21.03	21.50
		1	5	20.99	20.97	21.00	21.50
		3	0	21.01	20.93	20.95	21.50
		3	2	21.00	20.94	21.00	21.50
		3	3	20.96	21.04	21.04	21.50
	256QAM	6	0	19.92	19.99	19.94	20.50
		1	0	18.02	18.01	18.02	18.50
		1	2	17.92	18.03	18.02	18.50
		1	5	17.97	17.91	17.95	18.50
		3	0	17.97	17.98	17.99	18.50
		3	2	18.03	17.97	18.05	18.50
		3	3	17.93	18.02	18.04	18.50
		6	0	17.97	18.01	17.92	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18615	18900	19185	
3MHz	QPSK	1	0	21.96	22.02	22.03	22.50
		1	7	21.91	22.01	22.02	22.50
		1	14	21.98	21.95	22.01	22.50
		8	0	22.01	21.96	21.99	22.50
		8	4	22.04	22.00	22.03	22.50
		8	7	22.04	21.99	21.98	22.50
	16QAM	15	0	21.97	22.02	22.00	22.50
		1	0	21.92	21.91	21.97	22.50
		1	7	21.98	21.96	22.01	22.50
		1	14	21.93	22.04	22.00	22.50
		8	0	20.97	20.99	21.02	21.50
		8	4	21.00	20.97	21.01	21.50
	64QAM	8	7	21.05	20.94	20.99	21.50
		15	0	20.96	20.98	20.92	21.50
		1	0	20.94	21.05	20.92	21.50
		1	7	21.01	21.04	20.99	21.50
		1	14	21.03	20.99	20.96	21.50
		8	0	19.92	19.97	19.99	20.50
	256QAM	8	4	19.92	20.04	19.99	20.50
		8	7	20.00	19.97	20.05	20.50
		15	0	19.97	20.03	20.01	20.50
		1	0	17.94	18.00	17.92	18.50
		1	7	17.99	18.01	18.02	18.50
		1	14	18.02	17.96	17.95	18.50
		8	0	18.03	18.03	17.97	18.50
		8	4	17.95	18.00	18.01	18.50
		8	7	17.98	18.01	17.97	18.50
		15	0	18.04	17.93	17.95	18.50

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18625	18900	19175	
5MHz	QPSK	1	0	22.04	21.95	21.94	22.50
		1	13	21.99	21.95	21.92	22.50
		1	24	21.92	22.05	22.01	22.50
		12	0	22.02	21.94	22.04	22.50
		12	6	22.03	22.03	21.95	22.50
		12	13	21.96	21.94	21.94	22.50
		25	0	21.93	21.93	22.02	22.50
	16QAM	1	0	21.94	21.96	22.03	22.50
		1	13	21.95	22.01	21.94	22.50
		1	24	21.95	21.97	22.02	22.50
		12	0	20.94	20.95	21.02	21.50
		12	6	21.02	20.93	20.92	21.50
		12	13	21.02	20.92	20.99	21.50
		25	0	20.97	21.03	20.99	21.50
	64QAM	1	0	20.96	21.03	20.95	21.50
		1	13	21.02	20.97	21.04	21.50
		1	24	21.02	21.04	20.96	21.50
		12	0	20.03	19.97	19.99	20.50
		12	6	19.98	19.99	19.99	20.50
		12	13	20.03	20.00	19.95	20.50
		25	0	20.00	19.94	19.91	20.50
	256QAM	1	0	17.93	17.94	17.94	18.50
		1	13	18.03	17.98	17.93	18.50
		1	24	17.93	17.98	17.96	18.50
		12	0	18.03	17.97	17.95	18.50
		12	6	18.01	17.94	17.98	18.50
		12	13	18.00	18.02	18.05	18.50
		25	0	17.94	17.95	18.01	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18650	18900	19150	
10MHz	QPSK	1	0	21.94	22.04	22.03	22.50
		1	25	21.94	22.01	22.02	22.50
		1	49	21.99	21.94	21.92	22.50
		25	0	21.96	21.97	21.98	22.50
		25	13	21.99	21.99	21.92	22.50
		25	25	21.95	22.01	22.00	22.50
		50	0	22.04	21.97	21.91	22.50
	16QAM	1	0	21.92	22.00	22.00	22.50
		1	25	21.98	21.97	22.00	22.50
		1	49	21.93	21.91	22.02	22.50
		25	0	20.94	21.02	21.00	21.50
		25	13	20.92	20.97	20.92	21.50
		25	25	20.93	21.00	21.03	21.50
		50	0	21.04	20.91	20.93	21.50
	64QAM	1	0	20.91	20.92	20.99	21.50
		1	25	21.00	20.91	21.03	21.50
		1	49	20.97	20.99	21.00	21.50
		25	0	19.97	20.04	19.92	20.50

		25	13	19.99	19.92	19.99	20.50
		25	25	19.95	19.93	19.97	20.50
		50	0	20.04	20.04	19.94	20.50
	256QAM	1	0	17.98	17.93	18.03	18.50
		1	25	17.99	17.94	17.96	18.50
		1	49	18.00	18.03	18.00	18.50
		25	0	17.98	18.04	17.97	18.50
		25	13	18.01	17.91	18.00	18.50
		25	25	18.02	17.93	17.92	18.50
		50	0	17.93	17.92	17.98	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18675	18900	19125	
15MHz	QPSK	1	0	22.04	21.98	21.91	22.50
		1	38	21.98	21.91	21.98	22.50
		1	74	21.99	21.94	21.97	22.50
		36	0	21.97	21.96	21.94	22.50
		36	18	21.95	21.99	21.93	22.50
		36	39	22.05	22.04	21.94	22.50
		75	0	22.03	21.94	21.98	22.50
	16QAM	1	0	21.91	21.94	21.92	22.50
		1	38	22.03	22.03	22.01	22.50
		1	74	21.93	22.03	21.93	22.50
		36	0	21.02	20.97	21.01	21.50
		36	18	21.00	20.92	20.91	21.50
		36	39	20.99	20.92	21.02	21.50
		75	0	20.99	20.94	21.02	21.50
	64QAM	1	0	21.04	20.99	20.93	21.50
		1	38	21.02	20.97	20.92	21.50
		1	74	20.94	21.03	21.04	21.50
		36	0	19.93	20.00	20.03	20.50
		36	18	20.05	19.95	20.01	20.50
		36	39	19.93	20.03	20.05	20.50
		75	0	20.05	20.04	19.97	20.50
	256QAM	1	0	18.03	18.03	17.92	18.50
		1	38	18.02	17.92	17.93	18.50
		1	74	18.04	17.99	18.01	18.50
		36	0	18.04	17.97	17.97	18.50
		36	18	18.00	18.01	18.03	18.50
		36	39	17.94	18.05	17.95	18.50
		75	0	17.96	17.95	18.00	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18700	18900	19100	
20MHz	QPSK	1	0	22.04	22.25	22.15	22.50
		1	50	22.05	22.16	22.08	22.50
		1	99	22.06	22.10	22.02	22.50
		50	0	22.07	22.03	22.07	22.50
		50	25	22.09	22.04	22.07	22.50
		50	50	22.13	22.03	22.08	22.50
		100	0	22.07	22.11	22.05	22.50
	16QAM	1	0	22.09	22.05	22.09	22.50
		1	50	22.15	22.04	22.13	22.50

		1	99	22.08	22.12	22.06	22.50
		50	0	21.13	21.11	21.14	21.50
		50	25	21.08	21.10	21.08	21.50
		50	50	21.15	21.02	21.10	21.50
		100	0	21.03	21.12	21.13	21.50
	64QAM	1	0	21.13	21.13	21.04	21.50
		1	50	21.12	21.04	21.03	21.50
		1	99	21.07	21.11	21.03	21.50
		50	0	20.05	20.15	20.06	20.50
		50	25	20.07	20.16	20.09	20.50
		50	50	20.12	20.12	20.13	20.50
		100	0	20.12	20.02	20.09	20.50
	256QAM	1	0	18.16	18.12	18.14	18.50
		1	50	18.07	18.12	18.11	18.50
		1	99	18.03	18.04	18.08	18.50
		50	0	18.10	18.14	18.09	18.50
		50	25	18.13	18.12	18.02	18.50
		50	50	18.03	18.05	18.06	18.50
		100	0	18.07	18.15	18.05	18.50

LTE Band 2 Hotspot				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18607	18900	19193	
1.4MHz	QPSK	1	0	20.92	20.99	20.98	21.50
		1	2	20.95	21.01	21.02	21.50
		1	5	20.94	21.05	21.04	21.50
		3	0	21.04	20.99	21.04	21.50
		3	2	21.03	20.92	20.95	21.50
		3	3	21.03	20.94	20.99	21.50
		6	0	20.93	21.03	20.99	21.50
	16QAM	1	0	20.95	20.99	20.99	21.50
		1	2	20.91	21.03	20.98	21.50
		1	5	20.94	21.00	21.01	21.50
		3	0	20.95	21.03	20.91	21.50
		3	2	20.97	20.91	20.96	21.50
		3	3	21.05	20.99	21.03	21.50
		6	0	20.97	21.00	21.04	21.50
	64QAM	1	0	20.94	21.05	20.91	21.50
		1	2	21.02	20.93	21.03	21.50
		1	5	21.00	20.92	20.91	21.50
		3	0	20.98	20.92	20.95	21.50
		3	2	20.91	21.03	20.96	21.50
		3	3	21.03	20.98	20.99	21.50
		6	0	19.97	19.93	19.97	20.50
	256QAM	1	0	17.92	17.94	17.91	18.50
		1	2	17.94	17.96	17.95	18.50
		1	5	17.92	17.96	17.94	18.50

		3	0	18.01	17.94	17.96	18.50
		3	2	17.95	17.96	18.01	18.50
		3	3	18.01	18.02	17.96	18.50
		6	0	17.95	17.92	18.01	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18615	18900	19185	
3MHz	QPSK	1	0	20.92	20.98	20.97	21.50
		1	7	20.99	20.97	20.95	21.50
		1	14	21.01	20.92	21.02	21.50
		8	0	20.98	20.94	20.96	21.50
		8	4	20.95	20.93	20.91	21.50
		8	7	20.98	20.93	21.02	21.50
		15	0	21.01	21.03	20.95	21.50
	16QAM	1	0	20.96	20.97	21.01	21.50
		1	7	21.04	20.93	21.02	21.50
		1	14	20.92	20.96	20.95	21.50
		8	0	20.96	20.98	20.98	21.50
		8	4	21.03	21.02	20.96	21.50
		8	7	21.01	20.92	20.98	21.50
		15	0	21.03	20.94	21.05	21.50
	64QAM	1	0	20.96	20.98	21.00	21.50
		1	7	21.01	20.99	21.00	21.50
		1	14	20.91	20.98	20.95	21.50
		8	0	19.98	20.00	20.03	20.50
		8	4	20.01	19.97	19.99	20.50
		8	7	20.03	20.05	20.00	20.50
		15	0	20.04	19.94	20.02	20.50
	256QAM	1	0	17.97	17.98	17.95	18.50
		1	7	18.00	18.04	17.94	18.50
		1	14	17.96	18.00	17.95	18.50
		8	0	18.04	18.05	17.91	18.50
		8	4	18.00	18.03	18.04	18.50
		8	7	18.00	17.97	17.99	18.50
		15	0	17.99	17.96	17.95	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18625	18900	19175	
5MHz	QPSK	1	0	21.01	20.96	20.97	21.50
		1	13	21.04	20.95	21.00	21.50
		1	24	20.91	21.02	20.97	21.50
		12	0	21.00	21.03	20.93	21.50
		12	6	20.98	20.93	20.96	21.50
		12	13	21.01	21.04	21.03	21.50
		25	0	20.95	21.03	20.96	21.50
	16QAM	1	0	21.02	21.02	20.96	21.50
		1	13	20.92	20.96	20.92	21.50
		1	24	21.04	20.94	21.00	21.50
		12	0	21.04	20.94	20.91	21.50
		12	6	20.93	20.95	21.04	21.50
		12	13	21.00	20.97	21.05	21.50

	64QAM	25	0	20.91	20.97	21.03	21.50
		1	0	21.00	20.98	20.98	21.50
		1	13	21.04	20.96	20.95	21.50
		1	24	20.91	20.98	20.92	21.50
		12	0	19.99	20.02	19.95	20.50
		12	6	19.92	19.97	20.02	20.50
		12	13	19.99	19.95	19.99	20.50
	256QAM	25	0	19.99	20.04	19.96	20.50
		1	0	18.04	17.95	18.03	18.50
		1	13	18.04	17.95	17.92	18.50
		1	24	18.02	17.94	17.94	18.50
		12	0	17.93	17.96	17.99	18.50
		12	6	17.97	17.93	18.04	18.50
		12	13	17.97	18.02	18.03	18.50
		25	0	17.93	18.00	17.99	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18650	18900	19150	
10MHz	QPSK	1	0	21.02	21.03	21.02	21.50
		1	25	20.98	20.93	21.04	21.50
		1	49	20.98	21.00	20.97	21.50
		25	0	20.97	21.04	20.92	21.50
		25	13	21.00	20.96	20.92	21.50
		25	25	20.99	20.99	20.92	21.50
		50	0	20.91	20.99	20.94	21.50
	16QAM	1	0	21.03	21.00	21.00	21.50
		1	25	20.93	20.91	21.00	21.50
		1	49	20.96	20.96	20.92	21.50
		25	0	20.96	20.95	20.99	21.50
		25	13	20.97	20.99	21.02	21.50
		25	25	21.05	20.94	21.02	21.50
		50	0	20.99	21.03	20.92	21.50
	64QAM	1	0	20.98	20.92	20.99	21.50
		1	25	21.04	20.96	21.02	21.50
		1	49	21.05	21.00	20.92	21.50
		25	0	19.98	19.97	20.03	20.50
		25	13	20.03	20.05	20.04	20.50
		25	25	19.92	20.04	20.02	20.50
		50	0	20.02	20.02	20.00	20.50
	256QAM	1	0	18.05	18.03	17.97	18.50
		1	25	18.02	17.92	18.02	18.50
		1	49	18.05	18.02	17.97	18.50
		25	0	17.98	17.92	18.04	18.50
		25	13	17.93	17.95	17.98	18.50
		25	25	17.99	17.92	17.94	18.50
		50	0	18.03	17.92	18.05	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18675	18900	19125	
15MHz	QPSK	1	0	20.95	20.92	21.01	21.50
		1	38	20.92	20.99	20.99	21.50
		1	74	20.98	21.04	20.94	21.50
		36	0	20.94	20.94	20.98	21.50

		36	18	20.99	21.00	20.97	21.50
		36	39	20.94	20.92	20.93	21.50
		75	0	20.98	20.93	21.04	21.50
	16QAM	1	0	20.93	21.04	21.01	21.50
		1	38	21.00	20.95	21.03	21.50
		1	74	20.93	21.03	20.98	21.50
		36	0	21.03	20.95	20.97	21.50
		36	18	21.05	21.04	21.04	21.50
		36	39	20.93	20.99	20.96	21.50
		75	0	20.92	20.94	21.04	21.50
	64QAM	1	0	21.05	20.96	20.92	21.50
		1	38	21.03	21.03	20.91	21.50
		1	74	20.93	20.96	21.02	21.50
		36	0	20.02	19.92	19.92	20.50
		36	18	19.92	19.99	19.95	20.50
		36	39	20.03	20.02	19.99	20.50
		75	0	20.01	19.93	19.96	20.50
	256QAM	1	0	18.04	17.95	18.00	18.50
		1	38	17.95	18.01	17.94	18.50
		1	74	17.92	17.94	17.91	18.50
		36	0	17.92	18.00	17.93	18.50
		36	18	17.94	18.03	18.02	18.50
		36	39	17.92	17.96	17.93	18.50
		75	0	17.94	17.92	17.92	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18700	18900	19100	
20MHz	QPSK	1	0	21.04	21.13	20.97	21.50
		1	50	21.04	20.94	20.97	21.50
		1	99	20.96	20.96	20.98	21.50
		50	0	20.95	21.02	20.98	21.50
		50	25	21.04	20.93	20.98	21.50
		50	50	21.05	21.03	21.04	21.50
		100	0	20.96	21.03	20.92	21.50
	16QAM	1	0	20.91	20.99	20.92	21.50
		1	50	21.02	21.00	21.04	21.50
		1	99	20.91	20.99	20.99	21.50
		50	0	20.94	21.00	20.92	21.50
		50	25	20.93	21.00	20.99	21.50
		50	50	20.97	21.01	21.01	21.50
		100	0	20.93	20.93	20.91	21.50
	64QAM	1	0	20.96	20.93	20.94	21.50
		1	50	20.92	20.98	21.04	21.50
		1	99	20.96	21.00	21.04	21.50
		50	0	19.97	20.02	19.94	20.50
		50	25	20.03	19.98	20.02	20.50
		50	50	19.95	19.98	19.91	20.50
		100	0	20.00	19.92	20.05	20.50
	256QAM	1	0	17.98	17.92	17.97	18.50
		1	50	18.04	17.97	17.98	18.50
		1	99	18.02	18.03	18.03	18.50
		50	0	17.99	18.02	17.97	18.50

		50	25	17.91	18.00	18.04	18.50
		50	50	18.02	18.00	18.00	18.50
		100	0	18.00	17.94	18.02	18.50

LTE Band 2 Hotspot For ULCA/ENDC				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18607	18900	19193	
1.4MHz	QPSK	1	0	18.98	18.98	18.88	19.50
		1	2	18.93	18.91	18.82	19.50
		1	5	18.94	18.86	18.94	19.50
		3	0	18.73	18.89	18.87	19.50
		3	2	18.97	18.93	18.90	19.50
		3	3	18.86	18.95	19.06	19.50
		6	0	18.88	18.95	18.75	19.50
	16QAM	1	0	18.86	18.93	18.85	19.50
		1	2	18.93	18.91	18.94	19.50
		1	5	18.86	18.94	18.90	19.50
		3	0	18.94	19.00	18.80	19.50
		3	2	18.75	18.98	18.83	19.50
		3	3	18.87	18.96	18.92	19.50
		6	0	18.82	18.77	18.82	19.50
	64QAM	1	0	18.88	18.93	18.84	19.50
		1	2	18.79	18.81	19.00	19.50
		1	5	18.84	19.00	18.94	19.50
		3	0	18.98	18.92	18.91	19.50
		3	2	18.96	18.94	19.03	19.50
		3	3	19.00	19.01	19.02	19.50
		6	0	18.99	18.96	18.93	19.50
	256QAM	1	0	17.92	17.94	17.91	18.50
		1	2	17.94	17.96	17.95	18.50
		1	5	17.92	17.96	17.94	18.50
		3	0	18.01	17.94	17.96	18.50
		3	2	17.95	17.96	18.01	18.50
		3	3	18.01	18.02	17.96	18.50
		6	0	17.95	17.92	18.01	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
3MHz	QPSK	1	0	18.88	19.01	18.90	19.50
		1	7	18.96	18.87	18.75	19.50
		1	14	18.98	18.93	18.94	19.50
		8	0	18.72	18.82	18.87	19.50
		8	4	18.93	18.87	18.93	19.50
		8	7	18.88	18.98	18.96	19.50
		15	0	18.87	18.89	18.86	19.50
	16QAM	1	0	18.73	18.87	18.79	19.50
		1	7	18.95	18.88	18.93	19.50
		1	14	18.89	18.96	18.86	19.50
		8	0	18.86	18.93	18.81	19.50

		8	4	18.85	18.96	18.84	19.50
		8	7	18.92	18.96	18.91	19.50
		15	0	18.89	18.82	18.90	19.50
	64QAM	1	0	18.87	18.83	18.79	19.50
		1	7	18.81	18.86	19.01	19.50
		1	14	18.82	18.90	19.01	19.50
		8	0	19.09	18.93	18.92	19.50
		8	4	18.95	19.04	18.91	19.50
		8	7	18.99	19.07	18.95	19.50
		15	0	19.01	18.97	18.93	19.50
	256QAM	1	0	17.97	17.98	17.95	18.50
		1	7	18.00	18.04	17.94	18.50
		1	14	17.96	18.00	17.95	18.50
		8	0	18.04	18.05	17.91	18.50
		8	4	18.00	18.03	18.04	18.50
		8	7	18.00	17.97	17.99	18.50
		15	0	17.99	17.96	17.95	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18625	18900	19175	
5MHz	QPSK	1	0	18.99	19.01	18.89	19.50
		1	13	19.00	18.88	18.75	19.50
		1	24	18.98	18.82	18.96	19.50
		12	0	18.82	18.89	18.92	19.50
		12	6	18.90	18.89	18.96	19.50
		12	13	18.93	19.00	19.00	19.50
		25	0	18.90	18.88	18.74	19.50
	16QAM	1	0	18.80	18.94	18.85	19.50
		1	13	18.97	18.97	18.97	19.50
		1	24	18.81	18.93	18.89	19.50
		12	0	18.81	18.92	18.83	19.50
		12	6	18.82	19.03	18.92	19.50
		12	13	18.94	18.95	19.03	19.50
		25	0	18.80	18.88	18.82	19.50
	64QAM	1	0	18.84	18.84	18.84	19.50
		1	13	18.80	18.84	18.99	19.50
		1	24	18.84	18.91	18.97	19.50
		12	0	19.01	18.90	18.87	19.50
		12	6	18.98	18.99	19.03	19.50
		12	13	19.04	19.07	18.99	19.50
		25	0	19.07	18.93	18.92	19.50
	256QAM	1	0	18.04	17.95	18.03	18.50
		1	13	18.04	17.95	17.92	18.50
		1	24	18.02	17.94	17.94	18.50
		12	0	17.93	17.96	17.99	18.50
		12	6	17.97	17.93	18.04	18.50
		12	13	17.97	18.02	18.03	18.50
		25	0	17.93	18.00	17.99	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18650	18900	19150	
10MHz	QPSK	1	0	18.93	19.04	18.94	19.50

		1	25	18.87	18.88	18.85	19.50
		1	49	18.89	18.84	18.87	19.50
		25	0	18.75	18.89	18.91	19.50
		25	13	18.97	18.92	18.92	19.50
		25	25	18.89	18.95	19.00	19.50
		50	0	18.88	18.93	18.81	19.50
	16QAM	1	0	18.73	18.86	18.90	19.50
		1	25	18.91	18.93	18.99	19.50
		1	49	18.80	18.94	18.86	19.50
		25	0	18.88	18.92	18.86	19.50
		25	13	18.85	19.00	18.94	19.50
		25	25	18.92	18.87	19.00	19.50
		50	0	18.79	18.87	18.79	19.50
	64QAM	1	0	18.87	18.91	18.78	19.50
		1	25	18.86	18.76	18.98	19.50
		1	49	18.88	18.97	19.01	19.50
		25	0	19.00	18.89	18.91	19.50
		25	13	18.91	19.06	18.94	19.50
		25	25	19.01	19.05	19.03	19.50
		50	0	19.01	18.92	18.96	19.50
	256QAM	1	0	18.05	18.03	17.97	18.50
		1	25	18.02	17.92	18.02	18.50
		1	49	18.05	18.02	17.97	18.50
		25	0	17.98	17.92	18.04	18.50
		25	13	17.93	17.95	17.98	18.50
		25	25	17.99	17.92	17.94	18.50
		50	0	18.03	17.92	18.05	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18675	18900	19125	
15MHz	QPSK	1	0	18.97	18.93	18.97	19.50
		1	38	18.91	18.95	18.78	19.50
		1	74	18.86	18.87	18.86	19.50
		36	0	18.84	18.89	18.86	19.50
		36	18	19.00	18.85	18.86	19.50
		36	39	18.96	19.02	19.01	19.50
		75	0	18.91	18.91	18.80	19.50
	16QAM	1	0	18.78	18.96	18.88	19.50
		1	38	18.98	18.96	19.02	19.50
		1	74	18.80	18.98	18.89	19.50
		36	0	18.89	18.95	18.84	19.50
		36	18	18.76	18.97	18.88	19.50
		36	39	18.92	18.90	19.00	19.50
		75	0	18.77	18.85	18.90	19.50
	64QAM	1	0	18.87	18.83	18.80	19.50
		1	38	18.85	18.83	19.00	19.50
		1	74	18.84	18.91	18.98	19.50
		36	0	19.08	18.90	18.99	19.50
		36	18	18.90	18.97	18.97	19.50
		36	39	19.10	19.06	18.94	19.50
		75	0	19.03	18.97	18.96	19.50
	256QAM	1	0	18.04	17.95	18.00	18.50

		1	38	17.95	18.01	17.94	18.50
		1	74	17.92	17.94	17.91	18.50
		36	0	17.92	18.00	17.93	18.50
		36	18	17.94	18.03	18.02	18.50
		36	39	17.92	17.96	17.93	18.50
		75	0	17.94	17.92	17.92	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18700	18900	19100	
20MHz	QPSK	1	0	18.99	19.17	19.07	19.50
		1	50	19.13	18.97	18.90	19.50
		1	99	19.05	18.98	19.04	19.50
		50	0	18.86	19.15	18.97	19.50
		50	25	19.11	19.04	19.09	19.50
		50	50	19.01	19.12	19.10	19.50
		100	0	19.01	19.03	18.85	19.50
	16QAM	1	0	18.85	19.01	19.03	19.50
		1	50	19.04	19.07	19.03	19.50
		1	99	19.02	19.00	18.98	19.50
		50	0	18.98	19.03	18.99	19.50
		50	25	18.92	19.07	19.03	19.50
		50	50	19.07	18.95	19.09	19.50
		100	0	18.99	18.99	18.99	19.50
	64QAM	1	0	18.92	19.03	18.99	19.50
		1	50	18.90	18.97	19.09	19.50
		1	99	18.95	19.01	19.08	19.50
		50	0	18.99	19.04	18.91	19.50
		50	25	19.03	19.03	19.00	19.50
		50	50	18.94	18.99	18.99	19.50
		100	0	19.05	18.97	19.06	19.50
	256QAM	1	0	17.98	17.92	17.97	18.50
		1	50	18.04	17.97	17.98	18.50
		1	99	18.02	18.03	18.03	18.50
		50	0	17.99	18.02	17.97	18.50
		50	25	17.91	18.00	18.04	18.50
		50	50	18.02	18.00	18.00	18.50
		100	0	18.00	17.94	18.02	18.50

LTE Band 4 Head				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19957	20175	20393	
1.4MHz	QPSK	1	0	18.97	18.91	19.02	19.50
		1	2	18.74	18.88	18.77	19.50
		1	5	18.91	18.97	18.87	19.50
		3	0	18.96	18.82	18.92	19.50
		3	2	18.76	18.79	18.82	19.50
		3	3	18.92	18.84	18.99	19.50
		6	0	19.02	18.88	19.02	19.50
	16QAM	1	0	19.01	18.95	18.91	19.50

		1	2	18.88	18.87	18.89	19.50
		1	5	18.81	18.97	18.96	19.50
		3	0	18.89	18.85	18.89	19.50
		3	2	18.95	18.96	18.94	19.50
		3	3	18.86	18.94	18.81	19.50
		6	0	18.84	18.89	18.94	19.50
	64QAM	1	0	18.93	18.86	18.83	19.50
		1	2	18.84	18.89	18.84	19.50
		1	5	18.92	18.79	18.83	19.50
		3	0	18.77	18.99	19.02	19.50
		3	2	18.84	18.84	18.89	19.50
		3	3	18.81	18.81	18.90	19.50
		6	0	18.92	18.95	18.87	19.50
	256QAM	1	0	17.89	17.86	17.85	18.50
		1	2	17.84	17.92	17.88	18.50
		1	5	17.76	17.80	17.85	18.50
		3	0	18.00	17.85	17.95	18.50
		3	2	17.98	17.79	17.90	18.50
		3	3	17.99	17.83	17.78	18.50
		6	0	17.95	17.98	17.98	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19965	20175	20385	
3MHz	QPSK	1	0	19.01	18.87	18.99	19.50
		1	7	18.82	18.94	18.80	19.50
		1	14	18.80	19.00	18.89	19.50
		8	0	18.90	18.80	18.85	19.50
		8	4	18.73	18.87	18.78	19.50
		8	7	18.85	18.87	18.87	19.50
		15	0	18.95	18.88	18.99	19.50
	16QAM	1	0	18.99	18.98	18.92	19.50
		1	7	18.88	18.86	18.94	19.50
		1	14	18.88	18.95	19.02	19.50
		8	0	18.85	18.80	18.94	19.50
		8	4	18.89	18.95	18.91	19.50
		8	7	18.90	18.97	18.92	19.50
		15	0	18.91	18.92	18.87	19.50
	64QAM	1	0	18.94	18.97	18.77	19.50
		1	7	18.84	18.91	18.88	19.50
		1	14	18.92	18.77	18.93	19.50
		8	0	18.76	18.99	18.96	19.50
		8	4	18.89	18.72	18.88	19.50
		8	7	18.87	18.83	18.92	19.50
		15	0	18.94	18.86	18.87	19.50
	256QAM	1	0	17.95	17.88	17.89	18.50
		1	7	17.78	18.01	17.94	18.50
		1	14	17.76	17.70	17.89	18.50
		8	0	17.96	17.79	17.84	18.50
		8	4	17.95	17.91	17.95	18.50
		8	7	17.97	17.74	17.78	18.50
		15	0	17.89	17.94	18.03	18.50

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19975	20175	20375	
5MHz	QPSK	1	0	19.00	18.94	18.96	19.50
		1	13	18.72	18.98	18.83	19.50
		1	24	18.93	19.03	18.96	19.50
		12	0	18.89	18.80	18.87	19.50
		12	6	18.78	18.85	18.85	19.50
		12	13	18.87	18.82	18.97	19.50
		25	0	18.95	18.81	19.04	19.50
	16QAM	1	0	19.01	18.92	18.93	19.50
		1	13	18.76	18.89	18.98	19.50
		1	24	18.81	18.91	18.92	19.50
		12	0	18.98	18.91	18.89	19.50
		12	6	18.86	18.96	18.87	19.50
		12	13	18.88	18.98	18.88	19.50
		25	0	18.86	18.91	18.95	19.50
	64QAM	1	0	18.90	18.98	18.77	19.50
		1	13	18.80	18.92	18.93	19.50
		1	24	18.90	18.77	18.88	19.50
		12	0	18.86	18.99	19.00	19.50
		12	6	18.82	18.85	18.80	19.50
		12	13	18.77	18.82	18.80	19.50
		25	0	18.88	18.98	18.83	19.50
	256QAM	1	0	17.87	17.86	17.81	18.50
		1	13	17.79	17.96	17.85	18.50
		1	24	17.84	17.82	17.86	18.50
		12	0	18.02	17.79	17.90	18.50
		12	6	17.98	17.81	17.97	18.50
		12	13	18.01	17.77	17.84	18.50
		25	0	17.90	17.98	17.95	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20000	20175	20350	
10MHz	QPSK	1	0	19.07	18.93	18.94	19.50
		1	25	18.77	18.85	18.77	19.50
		1	49	18.89	19.00	18.82	19.50
		25	0	18.84	18.87	18.82	19.50
		25	13	18.78	18.75	18.77	19.50
		25	25	18.84	18.83	18.92	19.50
		50	0	19.01	18.79	18.95	19.50
	16QAM	1	0	19.07	18.95	18.93	19.50
		1	25	18.79	18.94	18.97	19.50
		1	49	18.85	19.04	18.99	19.50
		25	0	18.88	18.82	18.91	19.50
		25	13	18.81	18.91	18.96	19.50
		25	25	18.80	18.95	18.81	19.50
		50	0	18.84	18.93	18.86	19.50
	64QAM	1	0	18.97	18.95	18.77	19.50
		1	25	18.81	18.89	18.94	19.50
		1	49	18.94	18.75	18.84	19.50
		25	0	18.73	18.98	18.93	19.50

		25	13	18.79	18.75	18.87	19.50
		25	25	18.82	18.90	18.82	19.50
		50	0	19.00	18.98	18.88	19.50
	256QAM	1	0	17.93	17.88	17.83	18.50
		1	25	17.80	17.97	17.92	18.50
		1	49	17.75	17.81	17.87	18.50
		25	0	18.05	17.82	17.86	18.50
		25	13	18.05	17.85	17.97	18.50
		25	25	18.01	17.74	17.83	18.50
		50	0	17.85	17.96	18.00	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20025	20175	20325	
15MHz	QPSK	1	0	18.99	18.87	19.03	19.50
		1	38	18.80	18.89	18.80	19.50
		1	74	18.88	19.05	18.87	19.50
		36	0	18.89	18.86	18.86	19.50
		36	18	18.81	18.77	18.78	19.50
		36	39	18.79	18.81	18.98	19.50
		75	0	19.03	18.85	19.00	19.50
	16QAM	1	0	18.98	18.92	18.84	19.50
		1	38	18.86	18.84	18.98	19.50
		1	74	18.79	19.01	19.03	19.50
		36	0	18.94	18.85	18.89	19.50
		36	18	18.91	18.98	18.88	19.50
		36	39	18.86	18.94	18.87	19.50
		75	0	18.86	18.91	18.91	19.50
	64QAM	1	0	18.95	18.96	18.88	19.50
		1	38	18.83	18.86	18.82	19.50
		1	74	18.97	18.78	18.91	19.50
		36	0	18.76	18.95	18.98	19.50
		36	18	18.88	18.84	18.82	19.50
		36	39	18.78	18.87	18.83	19.50
		75	0	18.87	18.97	18.88	19.50
	256QAM	1	0	17.82	17.91	17.92	18.50
		1	38	17.77	18.00	17.92	18.50
		1	74	17.77	17.69	17.90	18.50
		36	0	17.94	17.86	17.96	18.50
		36	18	18.06	17.85	17.98	18.50
		36	39	17.98	17.73	17.75	18.50
		75	0	17.97	17.93	17.98	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20050	20175	20300	
20MHz	QPSK	1	0	19.02	19.19	19.02	19.50
		1	50	18.76	18.98	18.79	19.50
		1	99	18.94	19.02	18.83	19.50
		50	0	18.98	19.00	18.89	19.50
		50	25	18.76	18.76	18.82	19.50
		50	50	18.90	18.95	18.94	19.50
		100	0	18.86	18.90	18.88	19.50
	16QAM	1	0	19.04	18.88	18.88	19.50
		1	50	18.83	18.93	18.86	19.50

		1	99	18.85	18.96	19.00	19.50
		50	0	18.91	18.86	18.89	19.50
		50	25	18.84	18.91	18.87	19.50
		50	50	18.84	18.92	18.88	19.50
		100	0	18.91	18.98	18.92	19.50
	64QAM	1	0	18.85	18.95	18.76	19.50
		1	50	18.83	18.88	18.93	19.50
		1	99	18.91	18.79	18.82	19.50
		50	0	18.87	18.93	18.97	19.50
		50	25	18.80	18.86	18.92	19.50
		50	50	18.81	18.80	18.84	19.50
		100	0	18.87	18.90	18.94	19.50
	256QAM	1	0	17.83	17.89	17.88	18.50
		1	50	17.81	17.99	17.85	18.50
		1	99	17.79	17.69	17.94	18.50
		50	0	17.92	17.84	17.89	18.50
		50	25	17.95	17.87	17.95	18.50
		50	50	17.95	17.73	17.82	18.50
		100	0	17.90	17.99	17.90	18.50

LTE Band 4 Head For ULCA/ENDC				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19957	20175	20393	
1.4MHz	QPSK	1	0	17.84	18.05	17.92	18.50
		1	2	17.66	17.91	17.60	18.50
		1	5	17.84	17.94	17.71	18.50
		3	0	17.79	17.87	17.75	18.50
		3	2	17.70	17.65	17.63	18.50
		3	3	17.79	17.85	17.82	18.50
		6	0	17.69	17.83	17.73	18.50
	16QAM	1	0	17.93	17.75	17.76	18.50
		1	2	17.77	17.84	17.77	18.50
		1	5	17.79	17.81	17.83	18.50
		3	0	17.82	17.76	17.75	18.50
		3	2	17.78	17.79	17.76	18.50
		3	3	17.76	17.79	17.81	18.50
		6	0	17.83	17.80	17.82	18.50
	64QAM	1	0	17.81	17.77	17.59	18.50
		1	2	17.69	17.74	17.74	18.50
		1	5	17.82	17.77	17.76	18.50
		3	0	17.79	17.80	17.86	18.50
		3	2	17.67	17.78	17.78	18.50
		3	3	17.76	17.64	17.65	18.50
		6	0	17.75	17.78	17.77	18.50
	256QAM	1	0	17.89	17.86	17.85	18.50
		1	2	17.84	17.92	17.88	18.50
		1	5	17.76	17.80	17.85	18.50

		3	0	18.00	17.85	17.95	18.50
		3	2	17.98	17.79	17.90	18.50
		3	3	17.99	17.83	17.78	18.50
		6	0	17.95	17.98	17.98	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19965	20175	20385	
3MHz	QPSK	1	0	17.88	18.07	17.91	18.50
		1	7	17.67	17.91	17.59	18.50
		1	14	17.86	17.92	17.68	18.50
		8	0	17.82	17.85	17.78	18.50
		8	4	17.66	17.68	17.70	18.50
		8	7	17.80	17.86	17.77	18.50
		15	0	17.74	17.76	17.75	18.50
	16QAM	1	0	17.91	17.73	17.79	18.50
		1	7	17.74	17.84	17.76	18.50
		1	14	17.77	17.81	17.86	18.50
		8	0	17.85	17.75	17.76	18.50
		8	4	17.70	17.78	17.77	18.50
		8	7	17.79	17.77	17.79	18.50
		15	0	17.87	17.82	17.87	18.50
	64QAM	1	0	17.75	17.83	17.65	18.50
		1	7	17.72	17.74	17.74	18.50
		1	14	17.86	17.73	17.77	18.50
		8	0	17.81	17.83	17.86	18.50
		8	4	17.68	17.77	17.82	18.50
		8	7	17.74	17.71	17.65	18.50
		15	0	17.81	17.80	17.81	18.50
	256QAM	1	0	17.95	17.88	17.89	18.50
		1	7	17.78	18.01	17.94	18.50
		1	14	17.76	17.70	17.89	18.50
		8	0	17.96	17.79	17.84	18.50
		8	4	17.95	17.91	17.95	18.50
		8	7	17.97	17.74	17.78	18.50
		15	0	17.89	17.94	18.03	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19975	20175	20375	
5MHz	QPSK	1	0	17.89	18.08	17.87	18.50
		1	13	17.73	17.90	17.66	18.50
		1	24	17.86	17.94	17.66	18.50
		12	0	17.76	17.87	17.75	18.50
		12	6	17.67	17.63	17.63	18.50
		12	13	17.74	17.91	17.78	18.50
		25	0	17.71	17.77	17.73	18.50
	16QAM	1	0	17.97	17.74	17.72	18.50
		1	13	17.72	17.89	17.78	18.50
		1	24	17.74	17.79	17.83	18.50
		12	0	17.81	17.76	17.71	18.50
		12	6	17.75	17.81	17.74	18.50
		12	13	17.73	17.79	17.78	18.50

	64QAM	25	0	17.85	17.78	17.84	18.50
		1	0	17.82	17.80	17.62	18.50
		1	13	17.70	17.73	17.78	18.50
		1	24	17.81	17.77	17.77	18.50
		12	0	17.82	17.79	17.86	18.50
		12	6	17.69	17.76	17.79	18.50
		12	13	17.70	17.66	17.69	18.50
	256QAM	25	0	17.77	17.77	17.85	18.50
		1	0	17.87	17.86	17.81	18.50
		1	13	17.79	17.96	17.85	18.50
		1	24	17.84	17.82	17.86	18.50
		12	0	18.02	17.79	17.90	18.50
		12	6	17.98	17.81	17.97	18.50
		12	13	18.01	17.77	17.84	18.50
		25	0	17.90	17.98	17.95	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20000	20175	20350	
10MHz	QPSK	1	0	17.82	18.07	17.89	18.50
		1	25	17.71	17.92	17.64	18.50
		1	49	17.87	17.93	17.68	18.50
		25	0	17.81	17.84	17.79	18.50
		25	13	17.72	17.69	17.68	18.50
		25	25	17.81	17.85	17.81	18.50
		50	0	17.76	17.76	17.71	18.50
	16QAM	1	0	17.92	17.72	17.72	18.50
		1	25	17.77	17.85	17.77	18.50
		1	49	17.78	17.85	17.89	18.50
		25	0	17.81	17.75	17.77	18.50
		25	13	17.73	17.84	17.75	18.50
		25	25	17.78	17.77	17.82	18.50
		50	0	17.82	17.83	17.85	18.50
	64QAM	1	0	17.78	17.81	17.62	18.50
		1	25	17.71	17.74	17.74	18.50
		1	49	17.85	17.70	17.71	18.50
		25	0	17.77	17.84	17.83	18.50
		25	13	17.69	17.74	17.77	18.50
		25	25	17.73	17.68	17.65	18.50
		50	0	17.77	17.81	17.77	18.50
	256QAM	1	0	17.93	17.88	17.83	18.50
		1	25	17.80	17.97	17.92	18.50
		1	49	17.75	17.81	17.87	18.50
		25	0	18.05	17.82	17.86	18.50
		25	13	18.05	17.85	17.97	18.50
		25	25	18.01	17.74	17.83	18.50
		50	0	17.85	17.96	18.00	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20025	20175	20325	
15MHz	QPSK	1	0	17.85	18.11	17.88	18.50
		1	38	17.68	17.90	17.66	18.50
		1	74	17.88	17.93	17.64	18.50
		36	0	17.84	17.90	17.72	18.50

		36	18	17.73	17.68	17.68	18.50
		36	39	17.79	17.91	17.81	18.50
		75	0	17.73	17.75	17.79	18.50
	16QAM	1	0	17.97	17.78	17.72	18.50
		1	38	17.75	17.88	17.81	18.50
		1	74	17.77	17.84	17.86	18.50
		36	0	17.88	17.78	17.73	18.50
		36	18	17.76	17.85	17.73	18.50
		36	39	17.75	17.76	17.81	18.50
		75	0	17.79	17.79	17.83	18.50
	64QAM	1	0	17.79	17.77	17.61	18.50
		1	38	17.73	17.76	17.75	18.50
		1	74	17.81	17.73	17.73	18.50
		36	0	17.77	17.85	17.89	18.50
		36	18	17.70	17.77	17.81	18.50
		36	39	17.77	17.66	17.64	18.50
		75	0	17.78	17.80	17.82	18.50
	256QAM	1	0	17.82	17.91	17.92	18.50
		1	38	17.77	18.00	17.92	18.50
		1	74	17.77	17.69	17.90	18.50
		36	0	17.94	17.86	17.96	18.50
		36	18	18.06	17.85	17.98	18.50
		36	39	17.98	17.73	17.75	18.50
		75	0	17.97	17.93	17.98	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20050	20175	20300	
20MHz	QPSK	1	0	17.98	18.22	18.03	18.50
		1	50	17.83	18.04	17.75	18.50
		1	99	18.00	18.07	17.80	18.50
		50	0	17.93	18.01	17.89	18.50
		50	25	17.82	17.80	17.79	18.50
		50	50	17.90	18.00	17.91	18.50
		100	0	17.85	17.92	17.88	18.50
	16QAM	1	0	18.08	17.89	17.88	18.50
		1	50	17.88	17.99	17.92	18.50
		1	99	17.88	17.94	17.99	18.50
		50	0	17.97	17.88	17.86	18.50
		50	25	17.87	17.94	17.90	18.50
		50	50	17.89	17.92	17.93	18.50
		100	0	17.96	17.95	17.96	18.50
	64QAM	1	0	17.92	17.93	17.76	18.50
		1	50	17.85	17.89	17.89	18.50
		1	99	17.97	17.86	17.86	18.50
		50	0	17.94	17.94	18.00	18.50
		50	25	17.80	17.90	17.91	18.50
		50	50	17.86	17.81	17.79	18.50
		100	0	17.91	17.94	17.94	18.50
	256QAM	1	0	17.83	17.89	17.88	18.50
		1	50	17.81	17.99	17.85	18.50
		1	99	17.79	17.69	17.94	18.50
		50	0	17.92	17.84	17.89	18.50

		50	25	17.95	17.87	17.95	18.50
		50	50	17.95	17.73	17.82	18.50
		100	0	17.90	17.99	17.90	18.50

LTE Band 4 Body(15mm/0mm)				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19957	20175	20393	
1.4MHz	QPSK	1	0	21.94	22.04	21.99	22.50
		1	2	21.98	21.97	21.96	22.50
		1	5	22.07	22.03	22.04	22.50
		3	0	22.02	22.00	21.96	22.50
		3	2	22.02	22.08	21.92	22.50
		3	3	22.02	22.11	22.14	22.50
		6	0	21.93	21.98	22.10	22.50
	16QAM	1	0	22.07	22.05	22.02	22.50
		1	2	21.96	22.12	22.09	22.50
		1	5	22.02	22.09	21.99	22.50
		3	0	21.99	22.00	22.02	22.50
		3	2	22.07	22.00	22.03	22.50
		3	3	22.03	22.02	21.91	22.50
		6	0	20.91	20.98	21.05	21.50
	64QAM	1	0	21.10	20.98	21.02	21.50
		1	2	21.06	20.99	20.96	21.50
		1	5	21.01	21.00	20.98	21.50
		3	0	20.92	21.03	20.95	21.50
		3	2	20.95	20.96	21.07	21.50
		3	3	21.08	21.03	21.08	21.50
		6	0	19.97	19.95	19.98	20.50
	256QAM	1	0	17.93	18.07	18.05	18.50
		1	2	17.99	18.01	17.98	18.50
		1	5	18.09	17.97	18.08	18.50
		3	0	18.02	17.94	18.03	18.50
		3	2	18.05	18.00	17.91	18.50
		3	3	18.00	18.01	17.97	18.50
		6	0	18.06	17.96	17.94	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19965	20175	20385	
3MHz	QPSK	1	0	21.97	21.99	22.06	22.50
		1	7	21.85	21.91	21.98	22.50
		1	14	21.93	22.07	21.96	22.50
		8	0	21.92	21.98	21.91	22.50
		8	4	22.04	22.10	21.99	22.50
		8	7	22.04	22.01	22.05	22.50
		15	0	21.96	21.99	22.04	22.50
	16QAM	1	0	22.03	22.09	21.93	22.50
		1	7	21.93	22.00	22.05	22.50
		1	14	21.92	21.92	22.00	22.50
		8	0	20.89	20.95	21.00	21.50

		8	4	21.06	20.96	21.05	21.50
		8	7	20.99	20.98	20.93	21.50
		15	0	20.92	20.99	20.91	21.50
	64QAM	1	0	20.94	21.01	20.99	21.50
		1	7	20.98	20.96	21.00	21.50
		1	14	20.87	20.97	20.99	21.50
		8	0	20.13	20.01	19.90	20.50
		8	4	19.89	19.94	20.02	20.50
		8	7	19.98	19.86	19.99	20.50
		15	0	20.04	20.08	19.99	20.50
	256QAM	1	0	17.97	17.92	17.99	18.50
		1	7	18.01	18.03	17.94	18.50
		1	14	18.01	17.90	18.00	18.50
		8	0	18.00	18.05	17.94	18.50
		8	4	18.04	17.96	17.95	18.50
		8	7	17.88	18.04	18.04	18.50
		15	0	18.07	18.08	17.86	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19975	20175	20375	
5MHz	QPSK	1	0	21.98	22.01	22.08	22.50
		1	13	21.86	21.91	21.96	22.50
		1	24	21.88	22.05	22.02	22.50
		12	0	22.04	21.90	22.01	22.50
		12	6	21.92	22.11	21.94	22.50
		12	13	21.99	21.97	22.10	22.50
		25	0	22.03	22.04	22.02	22.50
	16QAM	1	0	22.00	22.12	22.03	22.50
		1	13	22.00	21.94	22.06	22.50
		1	24	21.97	21.98	21.92	22.50
		12	0	20.90	20.98	20.92	21.50
		12	6	21.04	20.96	21.08	21.50
		12	13	21.01	20.97	20.91	21.50
		25	0	20.99	21.09	20.88	21.50
	64QAM	1	0	21.04	21.02	20.95	21.50
		1	13	21.07	21.02	20.96	21.50
		1	24	20.96	21.01	21.03	21.50
		12	0	20.04	19.89	19.87	20.50
		12	6	19.95	20.05	19.96	20.50
		12	13	20.04	19.87	20.00	20.50
		25	0	19.99	20.07	20.06	20.50
	256QAM	1	0	18.09	17.98	17.99	18.50
		1	13	18.05	17.96	18.01	18.50
		1	24	18.00	17.98	17.98	18.50
		12	0	17.99	18.07	17.95	18.50
		12	6	18.02	17.99	17.90	18.50
		12	13	17.93	18.07	18.03	18.50
		25	0	18.08	18.06	17.96	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20000	20175	20350	
10MHz	QPSK	1	0	21.94	21.99	22.10	22.50

		1	25	21.85	21.93	22.04	22.50
		1	49	21.88	22.06	22.03	22.50
		25	0	21.96	21.92	22.00	22.50
		25	13	22.01	22.11	22.05	22.50
		25	25	22.12	21.95	22.01	22.50
		50	0	22.02	22.02	22.08	22.50
	16QAM	1	0	21.95	22.06	21.96	22.50
		1	25	21.98	22.02	21.99	22.50
		1	49	21.95	21.95	21.93	22.50
		25	0	20.93	20.97	20.92	21.50
		25	13	21.05	20.92	21.01	21.50
		25	25	21.01	20.98	20.99	21.50
		50	0	20.94	21.08	20.91	21.50
	64QAM	1	0	21.07	20.97	21.03	21.50
		1	25	21.08	21.05	21.02	21.50
		1	49	20.88	20.95	21.04	21.50
		25	0	20.10	19.98	19.93	20.50
		25	13	20.01	19.93	19.99	20.50
		25	25	19.95	19.87	19.92	20.50
		50	0	19.99	20.05	19.97	20.50
	256QAM	1	0	18.08	17.98	17.94	18.50
		1	25	17.96	18.02	18.00	18.50
		1	49	17.98	17.97	17.91	18.50
		25	0	18.12	17.93	18.02	18.50
		25	13	18.00	17.97	17.93	18.50
		25	25	17.93	18.05	18.03	18.50
		50	0	18.01	18.03	17.87	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20025	20175	20325	
15MHz	QPSK	1	0	22.03	21.97	21.99	22.50
		1	38	21.93	21.97	21.95	22.50
		1	74	21.87	22.10	21.99	22.50
		36	0	22.02	21.89	21.96	22.50
		36	18	22.01	21.98	21.98	22.50
		36	39	22.00	22.05	22.12	22.50
		75	0	22.05	22.07	22.03	22.50
	16QAM	1	0	21.97	22.04	22.01	22.50
		1	38	22.04	21.90	22.05	22.50
		1	74	21.93	21.98	22.02	22.50
		36	0	20.88	20.92	20.97	21.50
		36	18	21.03	20.95	21.00	21.50
		36	39	21.00	20.87	20.88	21.50
		75	0	20.96	21.08	20.98	21.50
	64QAM	1	0	20.94	20.91	21.01	21.50
		1	38	21.05	21.03	21.02	21.50
		1	74	20.90	20.92	20.98	21.50
		36	0	20.04	19.95	19.96	20.50
		36	18	19.94	20.00	20.01	20.50
		36	39	20.00	19.97	19.97	20.50
		75	0	19.92	20.01	20.00	20.50
	256QAM	1	0	18.04	17.93	17.90	18.50

		1	38	17.98	18.05	18.05	18.50
		1	74	17.97	17.92	17.98	18.50
		36	0	18.02	18.02	18.05	18.50
		36	18	18.03	17.94	17.94	18.50
		36	39	17.90	18.07	18.00	18.50
		75	0	18.10	18.01	17.94	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20050	20175	20300	
20MHz	QPSK	1	0	22.04	22.15	21.99	22.50
		1	50	21.94	22.01	21.99	22.50
		1	99	21.83	22.08	22.02	22.50
		50	0	21.92	22.13	22.03	22.50
		50	25	21.99	22.02	21.94	22.50
		50	50	22.00	22.04	22.10	22.50
		100	0	22.08	22.12	22.10	22.50
	16QAM	1	0	22.01	22.05	21.93	22.50
		1	50	21.96	21.94	22.10	22.50
		1	99	21.88	21.96	22.02	22.50
		50	0	20.85	21.01	21.02	21.50
		50	25	21.04	20.95	21.09	21.50
		50	50	21.05	20.90	20.93	21.50
		100	0	20.95	20.97	20.87	21.50
	64QAM	1	0	21.03	21.01	21.01	21.50
		1	50	21.06	20.94	20.98	21.50
		1	99	20.93	20.91	20.97	21.50
		50	0	20.08	19.94	19.92	20.50
		50	25	19.89	20.06	19.99	20.50
		50	50	20.02	19.93	20.05	20.50
		100	0	19.99	20.01	20.08	20.50
	256QAM	1	0	18.09	18.01	17.92	18.50
		1	50	18.00	18.04	18.02	18.50
		1	99	17.93	18.01	18.01	18.50
		50	0	18.10	18.01	18.00	18.50
		50	25	17.92	17.98	17.97	18.50
		50	50	17.94	17.96	17.96	18.50
		100	0	18.06	18.05	17.93	18.50

LTE Band 4 Hotspot				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19957	20175	20393	
1.4MHz	QPSK	1	0	21.04	21.02	21.01	21.50
		1	2	21.10	20.98	20.98	21.50
		1	5	20.97	21.04	21.09	21.50
		3	0	21.07	21.07	20.99	21.50
		3	2	20.97	20.99	21.06	21.50
		3	3	21.09	20.99	21.02	21.50
		6	0	21.07	21.02	21.04	21.50
	16QAM	1	0	21.03	21.05	20.96	21.50

		1	2	21.01	21.08	21.05	21.50
		1	5	21.02	21.08	21.02	21.50
		3	0	21.06	21.05	21.07	21.50
		3	2	21.04	21.08	21.09	21.50
		3	3	21.00	20.96	20.99	21.50
		6	0	21.05	21.06	20.98	21.50
	64QAM	1	0	20.96	20.97	21.07	21.50
		1	2	20.97	21.00	21.04	21.50
		1	5	21.04	21.08	20.98	21.50
		3	0	19.99	20.07	20.08	21.50
		3	2	20.06	20.09	20.07	21.50
		3	3	20.01	19.98	20.07	21.50
		6	0	20.06	20.02	20.10	20.50
	256QAM	1	0	18.08	18.10	18.02	18.50
		1	2	18.02	17.97	18.01	18.50
		1	5	18.07	18.09	17.99	18.50
		3	0	18.00	18.02	18.09	18.50
		3	2	18.06	17.99	18.03	18.50
		3	3	18.00	18.05	18.07	18.50
		6	0	18.05	18.01	18.04	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19965	20175	20385	
3MHz	QPSK	1	0	21.06	21.00	21.07	21.50
		1	7	21.07	21.00	21.10	21.50
		1	14	21.04	21.07	21.07	21.50
		8	0	21.05	20.96	21.08	21.50
		8	4	21.01	21.05	21.00	21.50
		8	7	21.06	20.98	21.04	21.50
		15	0	20.99	20.97	21.00	21.50
	16QAM	1	0	21.09	21.09	21.00	21.50
		1	7	21.09	21.02	21.03	21.50
		1	14	21.08	20.96	21.02	21.50
		8	0	21.08	20.96	21.08	21.50
		8	4	21.09	21.06	21.00	21.50
		8	7	21.07	20.98	20.97	21.50
		15	0	21.01	21.08	21.03	21.50
	64QAM	1	0	21.08	20.99	21.10	21.50
		1	7	21.01	21.06	21.09	21.50
		1	14	21.08	21.06	21.05	21.50
		8	0	20.06	20.02	20.10	20.50
		8	4	20.10	20.09	20.02	20.50
		8	7	20.10	19.98	20.08	20.50
		15	0	20.04	19.98	20.08	20.50
	256QAM	1	0	17.97	17.99	18.08	18.50
		1	7	17.99	18.04	18.04	18.50
		1	14	18.08	18.03	18.01	18.50
		8	0	18.03	18.00	18.03	18.50
		8	4	18.08	18.06	17.97	18.50
		8	7	18.08	18.02	18.00	18.50
		15	0	17.97	18.06	18.05	18.50

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19975	20175	20375	
5MHz	QPSK	1	0	21.04	21.03	21.09	21.50
		1	13	21.05	21.02	20.99	21.50
		1	24	21.04	20.99	21.05	21.50
		12	0	21.06	20.96	21.09	21.50
		12	6	21.04	21.07	21.08	21.50
		12	13	21.01	21.04	20.98	21.50
		25	0	21.03	21.06	21.08	21.50
	16QAM	1	0	21.00	21.03	20.98	21.50
		1	13	21.05	20.99	20.98	21.50
		1	24	21.03	20.96	21.04	21.50
		12	0	21.00	21.05	20.97	21.50
		12	6	20.97	21.05	20.98	21.50
		12	13	21.10	21.01	20.98	21.50
		25	0	21.06	21.03	21.00	21.50
	64QAM	1	0	21.02	20.96	21.03	21.50
		1	13	21.02	21.10	21.06	21.50
		1	24	20.99	20.97	20.97	21.50
		12	0	19.97	20.04	20.00	20.50
		12	6	19.98	19.98	19.99	20.50
		12	13	20.01	20.09	19.98	20.50
		25	0	19.96	19.98	20.04	20.50
	256QAM	1	0	18.05	18.02	17.99	18.50
		1	13	18.08	18.05	18.04	18.50
		1	24	18.05	18.00	18.05	18.50
		12	0	17.97	18.02	17.99	18.50
		12	6	18.07	18.09	18.09	18.50
		12	13	18.06	17.96	18.00	18.50
		25	0	17.99	17.97	18.00	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
10MHz	QPSK	1	0	21.09	21.02	21.06	21.50
		1	25	20.97	21.00	21.08	21.50
		1	49	20.98	20.98	20.98	21.50
		25	0	21.02	21.07	20.98	21.50
		25	13	21.02	20.97	20.96	21.50
		25	25	21.00	21.09	21.01	21.50
		50	0	21.00	20.97	21.06	21.50
	16QAM	1	0	20.97	21.01	21.07	21.50
		1	25	20.97	21.01	21.00	21.50
		1	49	21.00	21.07	21.10	21.50
		25	0	20.97	21.08	21.03	21.50
		25	13	21.09	21.00	21.07	21.50
		25	25	21.03	20.99	21.04	21.50
		50	0	21.08	21.08	20.97	21.50
	64QAM	1	0	20.99	20.98	21.02	21.50
		1	25	21.10	21.01	21.01	21.50
		1	49	21.07	21.10	21.00	21.50
		25	0	19.97	20.09	20.08	20.50

		25	13	20.05	20.09	20.09	20.50
		25	25	20.06	20.07	19.97	20.50
		50	0	20.06	20.08	20.03	20.50
	256QAM	1	0	18.04	18.03	17.96	18.50
		1	25	18.06	18.03	18.05	18.50
		1	49	18.05	18.04	18.03	18.50
		25	0	17.97	18.04	18.07	18.50
		25	13	17.98	18.05	17.97	18.50
		25	25	18.04	18.04	18.02	18.50
		50	0	18.02	18.05	18.09	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20025	20175	20325	
15MHz	QPSK	1	0	20.97	21.09	21.03	21.50
		1	38	20.99	21.06	21.08	21.50
		1	74	21.02	21.09	21.01	21.50
		36	0	21.01	21.04	21.02	21.50
		36	18	21.03	20.99	20.98	21.50
		36	39	20.99	21.00	21.00	21.50
		75	0	21.06	21.08	21.07	21.50
	16QAM	1	0	21.06	21.00	21.03	21.50
		1	38	21.06	21.03	21.05	21.50
		1	74	21.09	20.97	21.09	21.50
		36	0	21.08	21.08	21.08	21.50
		36	18	21.09	21.01	21.01	21.50
		36	39	21.02	20.96	21.05	21.50
		75	0	20.99	21.04	21.06	21.50
	64QAM	1	0	21.09	21.07	21.09	21.50
		1	38	21.01	21.04	21.01	21.50
		1	74	21.07	21.05	21.00	21.50
		36	0	19.96	20.03	19.98	20.50
		36	18	20.06	20.03	20.06	20.50
		36	39	20.02	20.10	20.00	20.50
		75	0	19.97	19.97	20.08	20.50
	256QAM	1	0	18.04	18.06	18.03	18.50
		1	38	18.03	17.99	17.97	18.50
		1	74	18.00	18.09	18.03	18.50
		36	0	17.97	17.99	18.05	18.50
		36	18	18.04	18.01	18.07	18.50
		36	39	18.01	18.09	18.08	18.50
		75	0	18.04	18.06	18.05	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20050	20175	20300	
20MHz	QPSK	1	0	20.98	21.18	20.98	21.50
		1	50	21.04	21.00	20.97	21.50
		1	99	21.10	21.05	21.09	21.50
		50	0	21.08	21.11	21.08	21.50
		50	25	21.09	21.02	21.00	21.50
		50	50	20.99	21.08	21.08	21.50
		100	0	20.98	21.09	21.05	21.50
	16QAM	1	0	21.10	21.00	21.07	21.50
		1	50	21.06	20.99	20.99	21.50

		1	99	21.07	21.02	20.99	21.50
		50	0	21.03	20.99	21.04	21.50
		50	25	21.06	21.01	20.99	21.50
		50	50	21.06	21.08	20.97	21.50
		100	0	21.08	21.05	21.04	21.50
	64QAM	1	0	20.97	21.07	21.06	21.50
		1	50	21.08	21.01	20.98	21.50
		1	99	21.01	21.03	21.04	21.50
		50	0	19.99	20.02	20.10	20.50
		50	25	20.00	20.06	20.01	20.50
		50	50	20.07	20.00	19.98	20.50
		100	0	20.05	19.97	20.07	20.50
	256QAM	1	0	18.03	18.03	18.09	18.50
		1	50	17.99	18.00	18.03	18.50
		1	99	18.07	18.01	18.08	18.50
		50	0	18.03	17.99	18.08	18.50
		50	25	18.09	18.00	17.97	18.50
		50	50	18.03	18.00	18.05	18.50
		100	0	18.00	18.04	17.97	18.50

LTE Band 4 Hotspot For ULCA/ENDC				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19957	20175	20393	
1.4MHz	QPSK	1	0	19.78	20.00	19.77	20.50
		1	2	19.82	19.76	19.76	20.50
		1	5	19.93	19.81	19.89	20.50
		3	0	19.98	19.94	19.94	20.50
		3	2	19.92	19.78	19.75	20.50
		3	3	19.79	19.91	19.84	20.50
		6	0	19.79	19.91	19.90	20.50
	16QAM	1	0	19.99	19.89	19.83	20.50
		1	2	19.90	19.75	19.81	20.50
		1	5	19.90	19.74	19.75	20.50
		3	0	19.89	19.76	19.85	20.50
		3	2	19.87	19.79	19.79	20.50
		3	3	19.92	19.90	19.85	20.50
		6	0	19.83	19.90	19.81	20.50
	64QAM	1	0	19.83	19.85	19.84	20.50
		1	2	19.85	19.82	19.78	20.50
		1	5	19.75	19.82	19.81	20.50
		3	0	19.99	20.07	20.08	20.50
		3	2	20.06	20.09	20.07	20.50
		3	3	20.01	19.98	20.07	20.50
		6	0	20.06	20.02	20.10	20.50
	256QAM	1	0	18.08	18.10	18.02	18.50
		1	2	18.02	17.97	18.01	18.50
		1	5	18.07	18.09	17.99	18.50

		3	0	18.00	18.02	18.09	18.50
		3	2	18.06	17.99	18.03	18.50
		3	3	18.00	18.05	18.07	18.50
		6	0	18.05	18.01	18.04	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19965	20175	20385	
3MHz	QPSK	1	0	19.78	20.02	19.81	20.50
		1	7	19.80	19.76	19.75	20.50
		1	14	19.90	19.87	19.91	20.50
		8	0	19.94	19.91	19.93	20.50
		8	4	19.95	19.76	19.74	20.50
		8	7	19.80	19.89	19.85	20.50
		15	0	19.74	19.93	19.88	20.50
	16QAM	1	0	19.99	19.81	19.80	20.50
		1	7	19.90	19.83	19.74	20.50
		1	14	19.88	19.78	19.76	20.50
		8	0	19.91	19.77	19.86	20.50
		8	4	19.85	19.75	19.82	20.50
		8	7	19.90	19.94	19.82	20.50
		15	0	19.80	19.89	19.81	20.50
	64QAM	1	0	19.82	19.87	19.83	20.50
		1	7	19.88	19.88	19.80	20.50
		1	14	19.73	19.84	19.85	20.50
		8	0	20.06	20.02	20.10	20.50
		8	4	20.10	20.09	20.02	20.50
		8	7	20.10	19.98	20.08	20.50
		15	0	20.04	19.98	20.08	20.50
	256QAM	1	0	17.97	17.99	18.08	18.50
		1	7	17.99	18.04	18.04	18.50
		1	14	18.08	18.03	18.01	18.50
		8	0	18.03	18.00	18.03	18.50
		8	4	18.08	18.06	17.97	18.50
		8	7	18.08	18.02	18.00	18.50
		15	0	17.97	18.06	18.05	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19975	20175	20375	
5MHz	QPSK	1	0	19.76	20.02	19.77	20.50
		1	13	19.78	19.78	19.70	20.50
		1	24	19.90	19.80	19.91	20.50
		12	0	19.98	19.94	19.94	20.50
		12	6	19.89	19.79	19.77	20.50
		12	13	19.80	19.89	19.85	20.50
		25	0	19.74	19.87	19.90	20.50
	16QAM	1	0	19.98	19.85	19.85	20.50
		1	13	19.92	19.84	19.79	20.50
		1	24	19.87	19.80	19.76	20.50
		12	0	19.86	19.74	19.84	20.50
		12	6	19.82	19.81	19.77	20.50
		12	13	19.86	19.94	19.80	20.50

	64QAM	25	0	19.80	19.85	19.81	20.50
		1	0	19.87	19.80	19.78	20.50
		1	13	19.86	19.87	19.75	20.50
		1	24	19.73	19.84	19.81	20.50
		12	0	19.97	20.04	20.00	20.50
		12	6	19.98	19.98	19.99	20.50
		12	13	20.01	20.09	19.98	20.50
		25	0	19.96	19.98	20.04	20.50
	256QAM	1	0	18.05	18.02	17.99	18.50
		1	13	18.08	18.05	18.04	18.50
		1	24	18.05	18.00	18.05	18.50
		12	0	17.97	18.02	17.99	18.50
		12	6	18.07	18.09	18.09	18.50
		12	13	18.06	17.96	18.00	18.50
		25	0	17.99	17.97	18.00	18.50
Bandwidth	Modulation	RB size	RB offset	Channel 20000	Channel 20175	Channel 20350	Tune up
10MHz	QPSK	1	0	19.77	20.04	19.83	20.50
		1	25	19.83	19.80	19.76	20.50
		1	49	19.95	19.88	19.88	20.50
		25	0	19.95	19.99	19.89	20.50
		25	13	19.93	19.76	19.82	20.50
		25	25	19.78	19.88	19.84	20.50
		50	0	19.74	19.94	19.88	20.50
	16QAM	1	0	19.98	19.82	19.82	20.50
		1	25	19.95	19.83	19.80	20.50
		1	49	19.88	19.76	19.76	20.50
		25	0	19.91	19.77	19.89	20.50
		25	13	19.81	19.83	19.75	20.50
		25	25	19.93	19.95	19.81	20.50
		50	0	19.87	19.86	19.81	20.50
	64QAM	1	0	19.84	19.84	19.77	20.50
		1	25	19.88	19.82	19.80	20.50
		1	49	19.82	19.84	19.86	20.50
		25	0	19.97	20.09	20.08	20.50
		25	13	20.05	20.09	20.09	20.50
		25	25	20.06	20.07	19.97	20.50
		50	0	20.06	20.08	20.03	20.50
	256QAM	1	0	18.04	18.03	17.96	18.50
		1	25	18.06	18.03	18.05	18.50
		1	49	18.05	18.04	18.03	18.50
		25	0	17.97	18.04	18.07	18.50
		25	13	17.98	18.05	17.97	18.50
		25	25	18.04	18.04	18.02	18.50
		50	0	18.02	18.05	18.09	18.50
Bandwidth	Modulation	RB size	RB offset	Channel 20025	Channel 20175	Channel 20325	Tune up
15MHz	QPSK	1	0	19.83	20.00	19.83	20.50
		1	38	19.80	19.76	19.76	20.50
		1	74	19.95	19.82	19.91	20.50
		36	0	19.90	19.96	19.92	20.50

		36	18	19.93	19.78	19.82	20.50
		36	39	19.73	19.93	19.87	20.50
		75	0	19.73	19.93	19.87	20.50
	16QAM	1	0	19.96	19.87	19.87	20.50
		1	38	19.94	19.83	19.75	20.50
		1	74	19.93	19.79	19.81	20.50
		36	0	19.91	19.72	19.85	20.50
		36	18	19.87	19.77	19.78	20.50
		36	39	19.93	19.95	19.82	20.50
		75	0	19.80	19.86	19.87	20.50
		75	0	19.80	19.86	19.87	20.50
	64QAM	1	0	19.85	19.81	19.83	20.50
		1	38	19.83	19.82	19.78	20.50
		1	74	19.81	19.84	19.87	20.50
		36	0	19.96	20.03	19.98	20.50
		36	18	20.06	20.03	20.06	20.50
		36	39	20.02	20.10	20.00	20.50
		75	0	19.97	19.97	20.08	20.50
	256QAM	1	0	18.04	18.06	18.03	18.50
		1	38	18.03	17.99	17.97	18.50
		1	74	18.00	18.09	18.03	18.50
		36	0	17.97	17.99	18.05	18.50
		36	18	18.04	18.01	18.07	18.50
		36	39	18.01	18.09	18.08	18.50
		75	0	18.04	18.06	18.05	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20050	20175	20300	
20MHz	QPSK	1	0	20.00	20.24	20.01	20.50
		1	50	20.00	20.00	19.93	20.50
		1	99	20.13	20.05	20.08	20.50
		50	0	20.15	20.16	20.11	20.50
		50	25	20.12	19.99	19.99	20.50
		50	50	19.96	20.12	20.08	20.50
		100	0	19.98	20.11	20.08	20.50
	16QAM	1	0	20.17	20.06	20.05	20.50
		1	50	20.12	20.00	19.99	20.50
		1	99	20.10	19.98	19.98	20.50
		50	0	20.08	19.96	20.08	20.50
		50	25	20.04	20.00	19.99	20.50
		50	50	20.10	20.13	20.04	20.50
		100	0	20.05	20.10	20.04	20.50
	64QAM	1	0	20.04	20.05	20.01	20.50
		1	50	20.07	20.06	20.00	20.50
		1	99	19.98	20.07	20.03	20.50
		50	0	19.99	20.02	20.10	20.50
		50	25	20.00	20.06	20.01	20.50
		50	50	20.07	20.00	19.98	20.50
		100	0	20.05	19.97	20.07	20.50
	256QAM	1	0	18.03	18.03	18.09	18.50
		1	50	17.99	18.00	18.03	18.50
		1	99	18.07	18.01	18.08	18.50
		50	0	18.03	17.99	18.08	18.50

		50	25	18.09	18.00	17.97	18.50
		50	50	18.03	18.00	18.05	18.50
		100	0	18.00	18.04	17.97	18.50

LTE Band 25 Head				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26047	26340	26683	
1.4MHz	QPSK	1	0	17.97	18.02	17.97	18.50
		1	2	18.02	18.01	18.09	18.50
		1	5	18.05	18.03	18.04	18.50
		3	0	17.97	18.01	18.00	18.50
		3	2	18.05	18.07	18.08	18.50
		3	3	18.04	18.03	17.99	18.50
		6	0	18.08	18.06	17.99	18.50
	16QAM	1	0	17.99	18.04	17.98	18.50
		1	2	17.98	17.98	17.98	18.50
		1	5	17.97	18.03	18.07	18.50
		3	0	18.02	18.01	17.99	18.50
		3	2	18.03	18.09	17.97	18.50
		3	3	18.05	18.06	17.99	18.50
		6	0	17.99	18.01	17.97	18.50
	64QAM	1	0	18.03	18.07	18.04	18.50
		1	2	18.00	18.09	18.01	18.50
		1	5	18.06	18.00	18.03	18.50
		3	0	18.02	18.03	17.98	18.50
		3	2	18.02	18.00	18.04	18.50
		3	3	18.01	18.00	18.01	18.50
		6	0	18.09	17.99	18.06	18.50
	256QAM	1	0	18.08	18.01	18.00	18.50
		1	2	17.97	18.01	18.03	18.50
		1	5	18.08	17.99	18.07	18.50
		3	0	18.07	17.97	18.06	18.50
		3	2	17.97	18.03	18.05	18.50
		3	3	18.04	17.99	17.99	18.50
		6	0	17.99	18.09	17.99	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26055	26340	26675	
3MHz	QPSK	1	0	17.97	18.07	18.08	18.50
		1	7	18.03	18.02	17.98	18.50
		1	14	18.07	18.04	18.08	18.50
		8	0	18.01	18.03	18.09	18.50
		8	4	18.04	18.05	18.05	18.50
		8	7	18.06	18.01	18.06	18.50
		15	0	18.09	18.06	17.99	18.50
	16QAM	1	0	18.05	17.99	17.98	18.50
		1	7	18.00	18.09	18.00	18.50
		1	14	18.02	18.01	18.01	18.50
		8	0	18.07	17.97	18.05	18.50

		8	4	18.01	18.03	18.10	18.50
		8	7	18.02	18.07	17.96	18.50
		15	0	18.03	18.01	17.97	18.50
	64QAM	1	0	18.02	18.09	18.04	18.50
		1	7	18.05	18.02	18.05	18.50
		1	14	18.06	17.96	17.98	18.50
		8	0	18.09	18.06	18.02	18.50
		8	4	17.98	18.09	18.06	18.50
		8	7	18.04	18.02	18.05	18.50
		15	0	18.05	17.99	18.09	18.50
		1	0	18.05	18.05	17.99	18.50
	256QAM	1	7	18.04	18.04	18.03	18.50
		1	14	18.07	18.09	18.04	18.50
		8	0	17.97	18.06	18.03	18.50
		8	4	18.09	18.01	17.98	18.50
		8	7	18.08	18.07	17.98	18.50
		15	0	18.01	18.06	18.01	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26065	26340	26665	
5MHz	QPSK	1	0	18.08	18.09	18.08	18.50
		1	13	18.01	18.08	18.07	18.50
		1	24	18.02	18.08	18.00	18.50
		12	0	17.99	18.00	17.99	18.50
		12	6	18.08	18.09	18.10	18.50
		12	13	18.04	18.05	17.99	18.50
		25	0	18.09	18.05	18.06	18.50
	16QAM	1	0	18.04	18.00	18.08	18.50
		1	13	18.08	18.01	18.07	18.50
		1	24	18.04	17.98	18.09	18.50
		12	0	17.99	17.99	18.01	18.50
		12	6	18.01	18.02	18.00	18.50
		12	13	18.06	18.10	18.08	18.50
		25	0	18.01	18.02	18.02	18.50
	64QAM	1	0	18.04	18.01	18.00	18.50
		1	13	18.06	17.96	17.97	18.50
		1	24	18.03	17.99	18.07	18.50
		12	0	17.99	18.07	17.99	18.50
		12	6	18.06	18.04	18.07	18.50
		12	13	18.06	18.07	18.05	18.50
		25	0	18.09	17.97	17.99	18.50
	256QAM	1	0	18.02	18.05	17.97	18.50
		1	13	18.09	18.02	18.05	18.50
		1	24	17.97	18.07	18.10	18.50
		12	0	18.09	18.09	18.07	18.50
		12	6	17.98	18.07	18.00	18.50
		12	13	18.03	18.02	18.05	18.50
		25	0	17.98	18.09	18.07	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26090	26340	26640	
10MHz	QPSK	1	0	18.05	17.97	18.02	18.50

		1	25	17.98	18.07	18.08	18.50
		1	49	18.00	18.08	18.02	18.50
		25	0	18.09	17.96	18.06	18.50
		25	13	18.02	18.09	17.96	18.50
		25	25	18.00	18.07	18.00	18.50
		50	0	18.02	18.07	18.00	18.50
	16QAM	1	0	18.05	18.04	18.04	18.50
		1	25	18.08	18.05	18.06	18.50
		1	49	18.05	18.08	18.02	18.50
		25	0	18.08	18.05	18.06	18.50
		25	13	18.02	17.96	17.99	18.50
		25	25	17.99	18.07	17.98	18.50
		50	0	18.05	17.99	17.97	18.50
	64QAM	1	0	18.07	18.08	18.05	18.50
		1	25	18.03	18.02	18.10	18.50
		1	49	18.08	17.98	17.97	18.50
		25	0	17.99	17.97	18.06	18.50
		25	13	17.97	17.99	18.00	18.50
		25	25	18.10	17.99	18.05	18.50
		50	0	18.05	18.01	17.98	18.50
	256QAM	1	0	18.04	18.05	18.09	18.50
		1	25	18.02	18.02	18.05	18.50
		1	49	18.03	18.01	18.08	18.50
		25	0	18.05	18.07	18.07	18.50
		25	13	17.98	18.09	17.97	18.50
		25	25	18.07	18.09	18.00	18.50
		50	0	18.07	18.06	18.06	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26115	26340	26615	
15MHz	QPSK	1	0	18.10	18.06	18.07	18.50
		1	38	18.04	18.06	18.01	18.50
		1	74	17.99	17.98	17.96	18.50
		36	0	18.10	18.05	17.98	18.50
		36	18	18.06	18.05	18.01	18.50
		36	39	17.97	17.97	18.03	18.50
		75	0	17.99	18.01	18.01	18.50
	16QAM	1	0	18.04	17.99	18.06	18.50
		1	38	17.97	18.06	18.03	18.50
		1	74	18.01	18.00	18.00	18.50
		36	0	18.06	18.05	18.08	18.50
		36	18	18.04	17.97	18.05	18.50
		36	39	17.97	17.99	18.02	18.50
		75	0	18.01	18.04	18.08	18.50
	64QAM	1	0	18.03	17.97	18.07	18.50
		1	38	18.00	18.06	18.01	18.50
		1	74	18.04	18.02	18.02	18.50
		36	0	18.08	18.07	18.05	18.50
		36	18	18.06	18.03	18.06	18.50
		36	39	17.97	18.05	18.03	18.50
		75	0	18.06	18.02	18.07	18.50
	256QAM	1	0	18.02	18.08	18.00	18.50

		1	38	18.08	18.03	18.10	18.50
		1	74	18.01	17.99	18.07	18.50
		36	0	18.01	18.01	18.01	18.50
		36	18	18.02	17.99	17.97	18.50
		36	39	18.06	18.00	17.98	18.50
		75	0	18.07	18.00	17.98	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26140	26340	26590	
20MHz	QPSK	1	0	18.03	18.23	18.00	18.50
		1	50	17.98	18.03	18.03	18.50
		1	99	18.02	17.97	17.97	18.50
		50	0	18.07	18.09	17.97	18.50
		50	25	18.07	17.98	18.02	18.50
		50	50	18.07	18.01	17.98	18.50
		100	0	17.99	18.03	18.03	18.50
	16QAM	1	0	17.98	18.05	18.00	18.50
		1	50	17.97	18.06	18.06	18.50
		1	99	18.06	17.98	17.98	18.50
		50	0	17.98	18.02	18.02	18.50
		50	25	18.09	18.03	18.10	18.50
		50	50	18.03	18.08	18.09	18.50
		100	0	17.96	18.02	18.04	18.50
	64QAM	1	0	17.99	18.02	18.02	18.50
		1	50	18.05	17.97	18.05	18.50
		1	99	18.04	17.98	18.06	18.50
		50	0	18.05	18.01	17.99	18.50
		50	25	17.98	17.98	17.96	18.50
		50	50	17.99	18.09	18.08	18.50
		100	0	17.97	18.02	18.05	18.50
	256QAM	1	0	18.00	18.10	18.00	18.50
		1	50	18.06	18.05	18.01	18.50
		1	99	18.00	18.05	18.00	18.50
		50	0	18.04	18.09	18.01	18.50
		50	25	17.97	18.08	18.04	18.50
		50	50	18.00	18.00	17.99	18.50
		100	0	18.05	18.04	18.07	18.50

LTE Band 25 Body(15mm/0mm)				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26047	26340	26683	
1.4MHz	QPSK	1	0	22.00	22.03	22.02	22.50
		1	2	21.97	22.07	21.97	22.50
		1	5	22.04	22.03	22.06	22.50
		3	0	22.05	22.07	21.96	22.50
		3	2	22.01	22.07	21.98	22.50
		3	3	21.98	22.09	22.03	22.50
		6	0	21.99	22.02	22.08	22.50
	16QAM	1	0	21.96	22.05	21.99	22.50

		1	2	22.05	21.97	21.98	22.50
		1	5	22.09	22.09	22.01	22.50
		3	0	21.98	22.04	22.06	22.50
		3	2	21.97	21.97	21.97	22.50
		3	3	22.06	21.96	22.06	22.50
		6	0	21.06	21.03	20.99	21.50
	64QAM	1	0	21.06	21.02	21.07	21.50
		1	2	21.02	21.07	21.08	21.50
		1	5	20.99	21.02	21.00	21.50
		3	0	21.07	21.10	20.99	21.50
		3	2	21.04	20.98	20.97	21.50
		3	3	21.01	21.07	21.07	21.50
	256QAM	6	0	20.02	20.00	19.99	20.50
		1	0	18.09	18.06	18.02	18.50
		1	2	17.98	17.98	17.97	18.50
		1	5	18.08	18.03	18.07	18.50
		3	0	18.01	18.04	17.98	18.50
		3	2	17.96	18.04	18.06	18.50
		3	3	18.02	18.08	18.00	18.50
		6	0	18.07	17.97	18.03	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26055	26340	26675	
3MHz	QPSK	1	0	22.02	22.08	21.98	22.50
		1	7	22.07	21.97	21.98	22.50
		1	14	22.05	22.09	22.03	22.50
		8	0	22.07	22.06	21.99	22.50
		8	4	22.08	22.03	21.96	22.50
		8	7	21.97	22.10	22.09	22.50
	16QAM	15	0	22.02	22.03	21.98	22.50
		1	0	22.00	22.01	22.03	22.50
		1	7	22.06	21.98	22.02	22.50
		1	14	22.07	22.04	22.09	22.50
		8	0	20.97	21.09	21.01	21.50
		8	4	21.00	21.09	21.00	21.50
	64QAM	8	7	21.06	21.04	21.08	21.50
		15	0	21.06	21.05	20.96	21.50
		1	0	21.00	21.10	21.00	21.50
		1	7	21.03	21.00	20.99	21.50
		1	14	20.97	20.99	21.02	21.50
		8	0	20.03	20.03	20.07	20.50
	256QAM	8	4	19.98	20.01	20.09	20.50
		8	7	20.05	20.06	20.07	20.50
		15	0	20.08	20.03	19.96	20.50
		1	0	17.99	17.99	18.05	18.50
		1	7	18.08	18.05	18.02	18.50
		1	14	17.98	17.98	18.04	18.50
		8	0	17.98	18.03	17.97	18.50
		8	4	18.09	17.98	18.05	18.50
		8	7	18.05	18.00	18.06	18.50
		15	0	17.98	17.99	17.98	18.50

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26065	26340	26665	
5MHz	QPSK	1	0	22.02	22.08	22.06	22.50
		1	13	21.97	21.98	22.03	22.50
		1	24	22.06	22.00	22.05	22.50
		12	0	22.06	21.97	21.98	22.50
		12	6	21.99	22.00	22.10	22.50
		12	13	22.06	22.03	22.05	22.50
		25	0	22.06	22.07	22.04	22.50
	16QAM	1	0	22.02	21.99	22.05	22.50
		1	13	22.09	22.08	22.01	22.50
		1	24	21.98	21.99	21.99	22.50
		12	0	20.98	20.99	21.07	21.50
		12	6	21.06	20.97	21.07	21.50
		12	13	21.06	21.01	21.02	21.50
		25	0	21.10	21.08	21.00	21.50
	64QAM	1	0	21.05	21.08	20.96	21.50
		1	13	21.05	20.97	21.04	21.50
		1	24	21.05	21.06	21.04	21.50
		12	0	19.97	19.96	19.97	20.50
		12	6	20.09	20.03	20.05	20.50
		12	13	20.05	20.05	20.00	20.50
		25	0	20.05	19.99	19.98	20.50
	256QAM	1	0	18.08	18.05	18.03	18.50
		1	13	17.97	18.09	18.04	18.50
		1	24	17.99	17.99	18.10	18.50
		12	0	17.98	18.04	18.00	18.50
		12	6	18.09	18.07	18.04	18.50
		12	13	17.97	17.98	17.99	18.50
		25	0	18.10	17.97	18.05	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
10MHz	QPSK	1	0	22.04	22.06	22.10	22.50
		1	25	22.00	21.98	22.08	22.50
		1	49	22.01	21.97	21.98	22.50
		25	0	22.07	21.99	22.02	22.50
		25	13	21.99	21.98	22.00	22.50
		25	25	22.00	21.97	21.97	22.50
		50	0	22.05	22.09	22.03	22.50
	16QAM	1	0	21.97	21.96	22.07	22.50
		1	25	22.03	22.00	22.06	22.50
		1	49	22.09	22.00	22.08	22.50
		25	0	21.04	20.99	21.00	21.50
		25	13	21.08	21.06	21.06	21.50
		25	25	21.02	20.97	20.99	21.50
		50	0	21.03	21.10	21.02	21.50
	64QAM	1	0	21.00	21.06	20.99	21.50
		1	25	21.08	21.06	20.98	21.50
		1	49	21.10	21.04	21.04	21.50
		25	0	20.07	20.04	19.97	20.50

		25	13	20.09	19.98	19.97	20.50
		25	25	20.08	20.10	19.99	20.50
		50	0	20.07	19.97	20.06	20.50
	256QAM	1	0	18.02	17.99	18.02	18.50
		1	25	18.07	17.96	17.98	18.50
		1	49	18.08	18.00	17.96	18.50
		25	0	18.02	17.99	18.04	18.50
		25	13	18.01	18.09	18.04	18.50
		25	25	18.09	18.01	17.97	18.50
		50	0	17.97	18.07	17.96	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26115	26340	26615	
15MHz	QPSK	1	0	22.01	22.03	22.08	22.50
		1	38	21.97	22.05	22.04	22.50
		1	74	21.97	21.99	22.03	22.50
		36	0	21.97	22.05	22.04	22.50
		36	18	22.08	22.06	22.00	22.50
		36	39	22.04	22.01	22.08	22.50
		75	0	21.97	22.08	22.03	22.50
	16QAM	1	0	21.97	22.04	22.06	22.50
		1	38	22.04	21.98	21.98	22.50
		1	74	22.10	22.09	21.99	22.50
		36	0	21.05	21.09	21.08	21.50
		36	18	21.04	20.98	21.07	21.50
		36	39	21.00	21.00	21.05	21.50
		75	0	20.97	21.07	21.00	21.50
	64QAM	1	0	21.01	21.06	21.00	21.50
		1	38	21.07	21.04	20.98	21.50
		1	74	21.01	21.09	20.98	21.50
		36	0	20.03	20.09	20.07	20.50
		36	18	20.04	20.03	19.96	20.50
		36	39	20.03	20.07	19.99	20.50
		75	0	20.06	20.04	19.98	20.50
	256QAM	1	0	18.04	18.05	18.00	18.50
		1	38	18.02	18.04	17.97	18.50
		1	74	17.98	18.07	18.03	18.50
		36	0	18.01	17.99	18.06	18.50
		36	18	18.03	18.04	18.06	18.50
		36	39	17.98	18.05	18.04	18.50
		75	0	18.09	18.02	17.97	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26140	26340	26590	
20MHz	QPSK	1	0	21.97	22.26	22.08	22.50
		1	50	22.09	22.08	21.98	22.50
		1	99	21.99	21.97	22.03	22.50
		50	0	22.03	22.11	22.05	22.50
		50	25	22.00	22.09	22.04	22.50
		50	50	22.07	22.06	22.10	22.50
		100	0	22.03	22.05	22.05	22.50
	16QAM	1	0	22.01	22.01	22.04	22.50
		1	50	21.99	22.00	22.06	22.50

		1	99	22.02	22.00	22.03	22.50
		50	0	21.00	21.05	21.02	21.50
		50	25	21.00	21.10	21.01	21.50
		50	50	20.97	21.08	21.08	21.50
		100	0	20.96	21.04	21.09	21.50
	64QAM	1	0	20.99	21.05	20.96	21.50
		1	50	21.07	21.06	21.10	21.50
		1	99	21.06	21.02	21.06	21.50
		50	0	19.96	20.02	20.07	20.50
		50	25	20.02	20.04	19.97	20.50
		50	50	19.98	20.04	20.09	20.50
		100	0	20.05	20.05	19.97	20.50
	256QAM	1	0	18.04	18.03	18.01	18.50
		1	50	17.96	17.98	18.00	18.50
		1	99	18.01	18.09	18.06	18.50
		50	0	18.08	18.03	18.06	18.50
		50	25	18.07	18.00	17.98	18.50
		50	50	18.07	18.06	17.98	18.50
		100	0	18.05	17.97	18.09	18.50

LTE Band 25 Hotspot				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26047	26340	26683	
1.4MHz	QPSK	1	0	21.01	20.98	21.02	21.50
		1	2	20.98	21.08	21.02	21.50
		1	5	21.01	21.08	20.98	21.50
		3	0	21.03	20.97	21.05	21.50
		3	2	20.97	21.05	21.01	21.50
		3	3	20.99	21.02	21.03	21.50
		6	0	20.97	21.06	21.02	21.50
	16QAM	1	0	20.97	21.08	21.01	21.50
		1	2	20.98	21.03	20.99	21.50
		1	5	21.01	20.98	20.98	21.50
		3	0	21.08	21.04	21.02	21.50
		3	2	21.02	21.01	21.05	21.50
		3	3	21.09	21.08	21.08	21.50
		6	0	20.99	21.00	20.99	21.50
	64QAM	1	0	20.98	21.05	21.02	21.50
		1	2	20.97	21.07	21.04	21.50
		1	5	20.97	20.98	20.98	21.50
		3	0	21.00	21.08	20.99	21.50
		3	2	21.01	20.98	21.09	21.50
		3	3	21.01	20.96	20.97	21.50
		6	0	20.01	20.01	20.06	20.50
	256QAM	1	0	17.98	18.05	18.02	18.50
		1	2	17.98	18.06	18.08	18.50
		1	5	18.07	18.03	18.04	18.50

		3	0	18.07	18.08	17.99	18.50
		3	2	18.06	18.10	18.03	18.50
		3	3	18.00	18.00	18.07	18.50
		6	0	18.06	18.05	17.99	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26055	26340	26675	
3MHz	QPSK	1	0	21.00	21.01	21.01	21.50
		1	7	21.05	21.02	20.98	21.50
		1	14	21.01	21.04	21.05	21.50
		8	0	21.07	21.02	21.07	21.50
		8	4	21.07	21.08	21.02	21.50
		8	7	21.00	20.96	21.09	21.50
		15	0	20.97	21.05	20.99	21.50
	16QAM	1	0	21.05	20.98	21.03	21.50
		1	7	21.09	21.08	21.07	21.50
		1	14	21.07	20.99	21.05	21.50
		8	0	20.98	21.08	21.06	21.50
		8	4	20.96	20.98	21.06	21.50
		8	7	21.05	21.04	21.05	21.50
		15	0	21.06	20.97	21.10	21.50
	64QAM	1	0	21.08	21.02	21.00	21.50
		1	7	21.08	21.04	21.00	21.50
		1	14	21.00	21.07	21.09	21.50
		8	0	19.97	20.09	19.97	20.50
		8	4	19.99	19.98	20.08	20.50
		8	7	19.96	20.00	20.06	20.50
		15	0	20.06	20.07	19.96	20.50
	256QAM	1	0	18.00	18.08	18.09	18.50
		1	7	17.97	18.05	17.98	18.50
		1	14	17.97	17.97	18.03	18.50
		8	0	18.07	18.02	18.07	18.50
		8	4	18.01	18.09	18.04	18.50
		8	7	18.03	18.02	17.96	18.50
		15	0	18.10	18.06	18.07	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26065	26340	26665	
5MHz	QPSK	1	0	21.05	20.99	21.02	21.50
		1	13	21.02	20.99	21.04	21.50
		1	24	20.96	21.04	21.08	21.50
		12	0	21.00	20.97	21.08	21.50
		12	6	21.05	21.08	20.96	21.50
		12	13	21.01	21.01	21.00	21.50
		25	0	21.06	20.98	21.04	21.50
	16QAM	1	0	20.99	21.04	21.03	21.50
		1	13	21.01	20.97	21.07	21.50
		1	24	21.07	20.99	21.03	21.50
		12	0	21.10	21.07	21.00	21.50
		12	6	20.96	21.07	21.09	21.50
		12	13	21.00	21.04	21.07	21.50

	64QAM	25	0	20.97	21.06	21.03	21.50
		1	0	21.00	21.05	20.97	21.50
		1	13	21.03	21.00	20.99	21.50
		1	24	20.99	21.08	21.01	21.50
		12	0	20.04	19.97	19.97	20.50
		12	6	20.08	20.08	20.06	20.50
		12	13	20.04	20.05	20.08	20.50
		25	0	20.10	20.07	20.06	20.50
	256QAM	1	0	18.09	17.99	17.96	18.50
		1	13	18.01	18.03	18.03	18.50
		1	24	18.00	18.06	18.00	18.50
		12	0	18.02	17.99	18.00	18.50
		12	6	18.05	18.05	18.00	18.50
		12	13	18.02	18.05	18.10	18.50
		25	0	18.01	18.00	18.07	18.50
Bandwidth	Modulation	RB size	RB offset	Channel 26090	Channel 26340	Channel 26640	Tune up
10MHz	QPSK	1	0	20.98	21.00	20.96	21.50
		1	25	21.01	20.98	21.06	21.50
		1	49	21.08	21.00	21.06	21.50
		25	0	20.96	21.07	21.03	21.50
		25	13	20.98	20.98	20.98	21.50
		25	25	21.06	21.03	21.08	21.50
		50	0	20.98	20.96	21.01	21.50
	16QAM	1	0	21.00	21.06	21.02	21.50
		1	25	21.10	21.08	21.00	21.50
		1	49	21.08	21.07	21.01	21.50
		25	0	21.04	21.00	21.08	21.50
		25	13	20.98	20.98	21.06	21.50
		25	25	20.98	20.96	21.04	21.50
		50	0	21.10	21.08	21.07	21.50
	64QAM	1	0	20.98	21.10	21.00	21.50
		1	25	21.00	20.97	21.06	21.50
		1	49	21.02	21.05	21.10	21.50
		25	0	20.06	20.01	20.07	20.50
		25	13	20.01	20.03	20.10	20.50
		25	25	20.06	19.98	19.99	20.50
		50	0	20.06	19.98	19.99	20.50
	256QAM	1	0	18.03	18.04	17.98	18.50
		1	25	18.05	18.00	18.02	18.50
		1	49	18.01	17.97	18.06	18.50
		25	0	18.07	18.03	18.09	18.50
		25	13	18.03	17.98	18.00	18.50
		25	25	18.05	17.99	18.07	18.50
		50	0	18.02	17.98	18.08	18.50
Bandwidth	Modulation	RB size	RB offset	Channel 26115	Channel 26340	Channel 26615	Tune up
15MHz	QPSK	1	0	21.08	21.06	21.03	21.50
		1	38	20.98	21.05	21.02	21.50
		1	74	20.98	20.97	21.09	21.50
		36	0	21.07	21.08	20.97	21.50

		36	18	20.97	20.96	21.02	21.50
		36	39	20.98	21.00	21.05	21.50
		75	0	21.09	21.04	20.97	21.50
	16QAM	1	0	21.08	21.09	21.09	21.50
		1	38	21.08	21.06	20.99	21.50
		1	74	21.08	21.03	21.05	21.50
		36	0	21.05	21.03	21.06	21.50
		36	18	21.07	21.02	21.07	21.50
		36	39	20.98	20.99	21.08	21.50
		75	0	21.07	20.98	21.01	21.50
	64QAM	1	0	21.06	20.96	21.04	21.50
		1	38	21.10	20.97	20.97	21.50
		1	74	21.06	21.09	21.02	21.50
		36	0	20.02	20.09	20.00	20.50
		36	18	20.06	20.08	20.07	20.50
		36	39	20.07	20.02	19.96	20.50
		75	0	20.09	20.07	20.00	20.50
	256QAM	1	0	18.05	17.96	18.03	18.50
		1	38	17.99	17.99	18.07	18.50
		1	74	18.06	18.02	18.04	18.50
		36	0	18.08	18.04	18.03	18.50
		36	18	18.03	17.99	18.03	18.50
		36	39	17.98	17.97	18.07	18.50
		75	0	17.99	17.97	18.08	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26140	26340	26590	
20MHz	QPSK	1	0	20.97	21.19	21.04	21.50
		1	50	21.06	21.04	21.00	21.50
		1	99	21.05	21.06	20.97	21.50
		50	0	20.97	21.09	21.09	21.50
		50	25	21.02	20.96	20.98	21.50
		50	50	21.06	21.07	21.08	21.50
		100	0	20.99	21.04	21.01	21.50
	16QAM	1	0	21.09	20.98	20.99	21.50
		1	50	21.00	21.01	20.99	21.50
		1	99	21.00	20.97	20.98	21.50
		50	0	21.05	21.03	21.00	21.50
		50	25	20.98	21.08	21.07	21.50
		50	50	20.99	20.98	21.09	21.50
		100	0	21.07	20.97	21.02	21.50
	64QAM	1	0	20.97	21.07	21.08	21.50
		1	50	21.05	21.03	21.09	21.50
		1	99	21.01	21.04	21.07	21.50
		50	0	20.01	20.05	19.99	20.50
		50	25	20.01	20.08	19.99	20.50
		50	50	20.07	20.05	20.08	20.50
		100	0	20.01	20.03	20.05	20.50
	256QAM	1	0	18.10	18.06	18.01	18.50
		1	50	18.09	18.04	18.06	18.50
		1	99	18.08	17.97	18.04	18.50
		50	0	18.07	18.09	18.03	18.50

		50	25	18.03	18.04	18.04	18.50
		50	50	17.98	18.07	18.05	18.50
		100	0	18.01	17.98	18.07	18.50

LTE Band 66 Head				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131979	132322	132665	
1.4MHz	QPSK	1	0	19.08	19.09	19.11	19.50
		1	2	19.14	19.07	19.06	19.50
		1	5	19.03	19.09	19.02	19.50
		3	0	19.14	19.14	19.09	19.50
		3	1	19.04	19.10	19.02	19.50
		3	3	19.11	19.14	19.09	19.50
		6	0	19.03	19.06	19.10	19.50
	16QAM	1	0	19.05	19.11	19.05	19.50
		1	2	19.13	19.11	19.13	19.50
		1	5	19.06	19.14	19.08	19.50
		3	0	19.04	19.07	19.11	19.50
		3	1	19.10	19.14	19.10	19.50
		3	3	19.15	19.04	19.12	19.50
		6	0	19.09	19.09	19.11	19.50
	64QAM	1	0	19.05	19.09	19.15	19.50
		1	2	19.11	19.12	19.14	19.50
		1	5	19.10	19.13	19.04	19.50
		3	0	19.08	19.05	19.03	19.50
		3	1	19.15	19.05	19.13	19.50
		3	3	19.09	19.02	19.10	19.50
		6	0	19.10	19.14	19.10	19.50
	256QAM	1	0	18.12	18.13	18.03	18.50
		1	2	18.04	18.08	18.15	18.50
		1	5	18.08	18.12	18.09	18.50
		3	0	18.11	18.01	18.04	18.50
		3	1	18.10	18.11	18.05	18.50
		3	3	18.11	18.11	18.10	18.50
		6	0	18.08	18.03	18.03	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131987	132322	132657	
3MHz	QPSK	1	0	19.12	19.03	19.09	19.50
		1	7	19.07	19.07	19.03	19.50
		1	14	19.07	19.08	19.10	19.50
		8	0	19.05	19.02	19.08	19.50
		8	4	19.03	19.04	19.06	19.50
		8	7	19.12	19.09	19.14	19.50
		15	0	19.09	19.06	19.15	19.50
	16QAM	1	0	19.09	19.08	19.14	19.50
		1	7	19.10	19.12	19.08	19.50
		1	14	19.09	19.11	19.10	19.50
		8	0	19.02	19.10	19.14	19.50
		8	4	19.06	19.11	19.04	19.50

		8	7	19.03	19.04	19.04	19.50
		15	0	19.03	19.05	19.05	19.50
	64QAM	1	0	19.10	19.11	19.09	19.50
		1	7	19.03	19.06	19.05	19.50
		1	14	19.15	19.09	19.13	19.50
		8	0	19.04	19.12	19.06	19.50
		8	4	19.07	19.01	19.13	19.50
		8	7	19.06	19.12	19.06	19.50
		15	0	19.15	19.08	19.15	19.50
	256QAM	1	0	18.08	18.03	18.02	18.50
		1	7	18.04	18.13	18.08	18.50
		1	14	18.08	18.05	18.06	18.50
		8	0	18.01	18.12	18.10	18.50
		8	4	18.04	18.12	18.14	18.50
		8	7	18.12	18.12	18.14	18.50
		15	0	18.05	18.14	18.09	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131997	132322	132647	
5MHz	QPSK	1	0	19.03	19.03	19.14	19.50
		1	13	19.02	19.12	19.05	19.50
		1	24	19.02	19.06	19.06	19.50
		12	0	19.11	19.14	19.04	19.50
		12	6	19.07	19.11	19.14	19.50
		12	13	19.14	19.02	19.15	19.50
		25	0	19.15	19.02	19.14	19.50
	16QAM	1	0	19.07	19.11	19.06	19.50
		1	13	19.02	19.04	19.14	19.50
		1	24	19.12	19.09	19.10	19.50
		12	0	19.10	19.13	19.14	19.50
		12	6	19.08	19.02	19.06	19.50
		12	13	19.04	19.06	19.10	19.50
		25	0	19.11	19.12	19.11	19.50
	64QAM	1	0	19.07	19.02	19.03	19.50
		1	13	19.08	19.14	19.07	19.50
		1	24	19.04	19.14	19.11	19.50
		12	0	19.08	19.05	19.13	19.50
		12	6	19.15	19.08	19.04	19.50
		12	13	19.03	19.10	19.11	19.50
		25	0	19.13	19.02	19.15	19.50
	256QAM	1	0	18.11	18.07	18.15	18.50
		1	13	18.11	18.10	18.05	18.50
		1	24	18.04	18.13	18.04	18.50
		12	0	18.13	18.06	18.09	18.50
		12	6	18.14	18.03	18.06	18.50
		12	13	18.14	18.09	18.02	18.50
		25	0	18.04	18.02	18.03	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132022	132322	132622	
10MHz	QPSK	1	0	19.07	19.03	19.12	19.50
		1	25	19.12	19.05	19.02	19.50
		1	49	19.04	19.14	19.01	19.50

		25	0	19.11	19.07	19.07	19.50
		25	13	19.12	19.09	19.08	19.50
		25	25	19.15	19.06	19.07	19.50
		50	0	19.14	19.02	19.06	19.50
	16QAM	1	0	19.01	19.03	19.07	19.50
		1	25	19.06	19.14	19.14	19.50
		1	49	19.09	19.09	19.02	19.50
		25	0	19.04	19.10	19.03	19.50
		25	13	19.04	19.05	19.05	19.50
		25	25	19.06	19.11	19.06	19.50
		50	0	19.04	19.02	19.10	19.50
	64QAM	1	0	19.11	19.12	19.06	19.50
		1	25	19.14	19.07	19.03	19.50
		1	49	19.12	19.03	19.03	19.50
		25	0	19.13	19.13	19.12	19.50
		25	13	19.08	19.08	19.12	19.50
		25	25	19.10	19.04	19.14	19.50
		50	0	19.12	19.10	19.03	19.50
	256QAM	1	0	18.06	18.02	18.07	18.50
		1	25	18.01	18.08	18.15	18.50
		1	49	18.06	18.10	18.07	18.50
		25	0	18.09	18.13	18.06	18.50
		25	13	18.13	18.13	18.09	18.50
		25	25	18.05	18.05	18.13	18.50
		50	0	18.05	18.06	18.13	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132047	132322	132597	
15MHz	QPSK	1	0	19.13	19.09	19.09	19.50
		1	38	19.02	19.16	19.14	19.50
		1	74	19.12	19.04	19.09	19.50
		36	0	19.14	19.04	19.05	19.50
		36	18	19.02	19.08	19.09	19.50
		36	39	19.03	19.08	19.14	19.50
		75	0	19.08	19.14	19.10	19.50
	16QAM	1	0	19.15	19.03	19.08	19.50
		1	38	19.06	19.03	19.11	19.50
		1	74	19.15	19.06	19.13	19.50
		36	0	19.12	19.12	19.05	19.50
		36	18	19.13	19.12	19.05	19.50
		36	39	19.15	19.09	19.14	19.50
		75	0	19.02	19.03	19.08	19.50
	64QAM	1	0	19.10	19.02	19.02	19.50
		1	38	19.13	19.14	19.10	19.50
		1	74	19.07	19.11	19.06	19.50
		36	0	19.08	19.06	19.12	19.50
		36	18	19.05	19.04	19.14	19.50
		36	39	19.14	19.13	19.03	19.50
		75	0	19.10	19.06	19.14	19.50
	256QAM	1	0	18.01	18.04	18.02	18.50
		1	38	18.06	18.02	18.05	18.50
		1	74	18.03	18.10	18.02	18.50

		36	0	18.08	18.13	18.14	18.50
		36	18	18.05	18.07	18.08	18.50
		36	39	18.10	18.08	18.09	18.50
		75	0	18.09	18.06	18.09	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132072	132322	132572	
20MHz	QPSK	1	0	19.06	19.22	19.02	19.50
		1	50	19.04	19.12	19.05	19.50
		1	99	19.08	19.07	19.08	19.50
		50	0	19.05	19.14	19.05	19.50
		50	25	19.06	19.05	19.04	19.50
		50	50	19.05	19.10	19.11	19.50
		100	0	19.04	19.09	19.02	19.50
	16QAM	1	0	19.10	19.02	19.09	19.50
		1	50	19.07	19.02	19.09	19.50
		1	99	19.12	19.05	19.05	19.50
		50	0	19.07	19.02	19.04	19.50
		50	25	19.14	19.13	19.10	19.50
		50	50	19.14	19.03	19.03	19.50
		100	0	19.03	19.04	19.15	19.50
	64QAM	1	0	19.13	19.11	19.07	19.50
		1	50	19.10	19.14	19.14	19.50
		1	99	19.03	19.13	19.11	19.50
		50	0	19.14	19.03	19.11	19.50
		50	25	19.04	19.13	19.02	19.50
		50	50	19.15	19.12	19.10	19.50
		100	0	19.07	19.12	19.15	19.50
	256QAM	1	0	18.09	18.08	18.02	18.50
		1	50	18.14	18.14	18.10	18.50
		1	99	18.01	18.09	18.08	18.50
		50	0	18.13	18.06	18.02	18.50
		50	25	18.06	18.12	18.11	18.50
		50	50	18.09	18.03	18.10	18.50
		100	0	18.04	18.14	18.14	18.50

LTE Band 66 Head For ULCA/ENDC				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131979	132322	132665	
1.4MHz	QPSK	1	0	17.91	18.09	17.98	18.50
		1	2	17.99	18.00	18.02	18.50
		1	5	18.04	18.04	18.05	18.50
		3	0	18.01	18.11	17.95	18.50
		3	1	17.99	17.95	17.92	18.50
		3	3	17.92	17.96	18.04	18.50
		6	0	17.91	17.98	17.95	18.50
	16QAM	1	0	17.98	17.90	18.01	18.50
		1	2	17.95	17.91	17.95	18.50
		1	5	18.05	17.93	17.91	18.50
		3	0	17.93	17.96	17.98	18.50

		3	1	18.04	18.07	18.05	18.50
		3	3	18.01	17.97	17.92	18.50
		6	0	17.94	17.89	18.06	18.50
	64QAM	1	0	18.03	17.97	17.93	18.50
		1	2	17.97	18.04	18.07	18.50
		1	5	17.94	18.03	17.96	18.50
		3	0	18.07	17.88	17.99	18.50
		3	1	17.95	18.10	17.92	18.50
		3	3	18.12	18.01	18.05	18.50
		6	0	18.01	18.05	18.07	18.50
	256QAM	1	0	18.12	18.13	18.03	18.50
		1	2	18.04	18.08	18.15	18.50
		1	5	18.08	18.12	18.09	18.50
		3	0	18.11	18.01	18.04	18.50
		3	1	18.10	18.11	18.05	18.50
		3	3	18.11	18.11	18.10	18.50
		6	0	18.08	18.03	18.03	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131987	132322	132657	
3MHz	QPSK	1	0	18.02	18.16	17.88	18.50
		1	7	18.01	17.98	17.93	18.50
		1	14	17.98	18.00	17.95	18.50
		8	0	17.91	18.09	17.96	18.50
		8	4	17.99	17.99	17.95	18.50
		8	7	18.00	18.02	18.01	18.50
		15	0	17.95	17.99	17.95	18.50
	16QAM	1	0	17.98	17.91	18.01	18.50
		1	7	18.03	17.97	18.01	18.50
		1	14	17.98	18.02	17.91	18.50
		8	0	17.93	17.91	17.96	18.50
		8	4	18.10	18.10	18.03	18.50
		8	7	18.08	17.88	17.91	18.50
		15	0	17.92	18.01	18.02	18.50
	64QAM	1	0	18.06	18.02	18.04	18.50
		1	7	18.02	18.05	17.99	18.50
		1	14	18.00	18.10	18.07	18.50
		8	0	18.08	17.98	17.98	18.50
		8	4	17.94	17.99	17.89	18.50
		8	7	18.01	18.06	18.07	18.50
		15	0	17.98	17.99	18.04	18.50
	256QAM	1	0	18.08	18.03	18.02	18.50
		1	7	18.04	18.13	18.08	18.50
		1	14	18.08	18.05	18.06	18.50
		8	0	18.01	18.12	18.10	18.50
		8	4	18.04	18.12	18.14	18.50
		8	7	18.12	18.12	18.14	18.50
		15	0	18.05	18.14	18.09	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131997	132322	132647	
5MHz	QPSK	1	0	17.95	18.14	17.95	18.50
		1	13	17.91	18.02	17.98	18.50

		1	24	17.96	17.93	17.94	18.50
		12	0	18.01	18.05	17.98	18.50
		12	6	17.92	18.00	18.00	18.50
		12	13	17.97	18.06	18.01	18.50
		25	0	17.99	18.00	17.98	18.50
	16QAM	1	0	17.97	17.90	18.00	18.50
		1	13	17.99	17.91	18.01	18.50
		1	24	18.04	17.97	18.01	18.50
		12	0	17.94	17.93	17.96	18.50
		12	6	18.09	18.01	18.04	18.50
		12	13	18.10	17.97	17.91	18.50
		25	0	18.00	17.96	18.04	18.50
	64QAM	1	0	18.01	18.04	18.02	18.50
		1	13	18.03	18.10	18.06	18.50
		1	24	17.96	18.09	18.04	18.50
		12	0	18.04	17.93	18.02	18.50
		12	6	17.97	18.07	17.98	18.50
		12	13	18.05	18.03	18.06	18.50
		25	0	18.01	18.00	18.12	18.50
	256QAM	1	0	18.11	18.07	18.15	18.50
		1	13	18.11	18.10	18.05	18.50
		1	24	18.04	18.13	18.04	18.50
		12	0	18.13	18.06	18.09	18.50
		12	6	18.14	18.03	18.06	18.50
		12	13	18.14	18.09	18.02	18.50
		25	0	18.04	18.02	18.03	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132022	132322	132622	
10MHz	QPSK	1	0	18.01	18.10	17.93	18.50
		1	25	17.90	17.99	17.92	18.50
		1	49	17.96	18.03	17.99	18.50
		25	0	17.95	18.04	18.01	18.50
		25	13	18.03	17.97	17.97	18.50
		25	25	17.91	18.01	18.04	18.50
		50	0	18.00	18.05	17.90	18.50
	16QAM	1	0	18.03	17.93	18.01	18.50
		1	25	17.96	17.96	17.95	18.50
		1	49	18.03	17.95	17.97	18.50
		25	0	17.98	17.90	18.01	18.50
		25	13	18.00	18.09	18.03	18.50
		25	25	18.00	17.92	17.89	18.50
		50	0	17.95	17.91	18.10	18.50
	64QAM	1	0	18.03	18.00	18.04	18.50
		1	25	18.02	18.06	18.05	18.50
		1	49	17.92	18.02	18.06	18.50
		25	0	18.05	17.96	18.04	18.50
		25	13	17.98	18.01	17.89	18.50
		25	25	18.03	18.07	17.99	18.50
		50	0	18.00	18.03	18.07	18.50
	256QAM	1	0	18.06	18.02	18.07	18.50
		1	25	18.01	18.08	18.15	18.50

		1	49	18.06	18.10	18.07	18.50
		25	0	18.09	18.13	18.06	18.50
		25	13	18.13	18.13	18.09	18.50
		25	25	18.05	18.05	18.13	18.50
		50	0	18.05	18.06	18.13	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132047	132322	132597	
15MHz	QPSK	1	0	17.92	18.10	17.89	18.50
		1	38	17.89	17.99	17.91	18.50
		1	74	18.01	17.99	17.97	18.50
		36	0	17.96	17.99	17.95	18.50
		36	18	17.98	17.91	18.00	18.50
		36	39	17.92	18.04	17.98	18.50
		75	0	18.00	18.03	17.87	18.50
	16QAM	1	0	18.00	17.96	17.98	18.50
		1	38	18.02	17.95	18.02	18.50
		1	74	18.03	17.94	18.02	18.50
		36	0	17.93	17.93	17.97	18.50
		36	18	18.01	18.07	18.02	18.50
		36	39	18.01	17.96	17.89	18.50
		75	0	17.98	17.96	18.00	18.50
	64QAM	1	0	18.10	18.07	17.93	18.50
		1	38	18.01	18.05	18.07	18.50
		1	74	17.97	18.03	18.06	18.50
		36	0	18.05	17.99	18.00	18.50
		36	18	18.00	17.98	17.91	18.50
		36	39	18.07	18.08	17.97	18.50
		75	0	17.99	18.02	18.01	18.50
	256QAM	1	0	18.01	18.04	18.02	18.50
		1	38	18.06	18.02	18.05	18.50
		1	74	18.03	18.10	18.02	18.50
		36	0	18.08	18.13	18.14	18.50
		36	18	18.05	18.07	18.08	18.50
		36	39	18.10	18.08	18.09	18.50
		75	0	18.09	18.06	18.09	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132072	132322	132572	
20MHz	QPSK	1	0	18.13	18.23	18.01	18.50
		1	50	18.00	18.14	18.11	18.50
		1	99	18.12	18.02	18.11	18.50
		50	0	18.12	18.19	18.02	18.50
		50	25	18.03	18.11	18.04	18.50
		50	50	18.09	18.14	18.18	18.50
		100	0	18.03	18.10	18.01	18.50
	16QAM	1	0	18.11	18.02	18.14	18.50
		1	50	18.12	18.02	18.11	18.50
		1	99	18.14	18.11	18.04	18.50
		50	0	18.04	18.00	18.05	18.50
		50	25	18.18	18.14	18.07	18.50
		50	50	18.21	18.03	18.03	18.50
		100	0	18.02	18.05	18.10	18.50

	64QAM	1	0	18.13	18.14	18.09	18.50
		1	50	18.07	18.11	18.10	18.50
		1	99	18.05	18.18	18.06	18.50
		50	0	18.18	18.07	18.15	18.50
		50	25	18.03	18.13	18.02	18.50
		50	50	18.16	18.17	18.07	18.50
		100	0	18.05	18.18	18.20	18.50
	256QAM	1	0	18.09	18.08	18.02	18.50
		1	50	18.14	18.14	18.10	18.50
		1	99	18.01	18.09	18.08	18.50
		50	0	18.13	18.06	18.02	18.50
		50	25	18.06	18.12	18.11	18.50
		50	50	18.09	18.03	18.10	18.50
		100	0	18.04	18.14	18.14	18.50

LTE Band 66 Body(15mm/0mm)				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131979	132322	132665	
1.4MHz	QPSK	1	0	22.12	22.08	22.04	22.50
		1	2	22.09	22.07	22.01	22.50
		1	5	22.06	22.04	22.11	22.50
		3	0	22.10	22.09	22.09	22.50
		3	1	22.11	22.07	22.15	22.50
		3	3	22.09	22.13	22.09	22.50
		6	0	22.09	22.13	22.12	22.50
	16QAM	1	0	22.11	22.09	22.08	22.50
		1	2	22.14	22.04	22.02	22.50
		1	5	22.03	22.02	22.15	22.50
		3	0	22.09	22.02	22.05	22.50
		3	1	22.14	22.03	22.07	22.50
		3	3	22.02	22.12	22.04	22.50
		6	0	21.09	21.15	21.11	21.50
	64QAM	1	0	21.12	21.15	21.14	21.50
		1	2	21.03	21.13	21.07	21.50
		1	5	21.11	21.11	21.10	21.50
		3	0	21.04	21.10	21.14	21.50
		3	1	21.10	21.05	21.10	21.50
		3	3	21.13	21.03	21.11	21.50
		6	0	20.07	20.14	20.11	20.50
	256QAM	1	0	18.14	18.07	18.09	18.50
		1	2	18.01	18.09	18.06	18.50
		1	5	18.11	18.10	18.10	18.50
		3	0	18.02	18.05	18.12	18.50
		3	1	18.12	18.10	18.09	18.50
		3	3	18.12	18.14	18.08	18.50
		6	0	18.05	18.07	18.14	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
3MHz	QPSK	1	0	22.08	22.03	22.10	22.50

		1	7	22.05	22.03	22.05	22.50
		1	14	22.12	22.12	22.09	22.50
		8	0	22.10	22.10	22.02	22.50
		8	4	22.09	22.10	22.13	22.50
		8	7	22.14	22.06	22.05	22.50
		15	0	22.06	22.07	22.07	22.50
	16QAM	1	0	22.13	22.10	22.02	22.50
		1	7	22.06	22.02	22.01	22.50
		1	14	22.06	22.13	22.08	22.50
		8	0	21.15	21.10	21.11	21.50
		8	4	21.06	21.06	21.02	21.50
		8	7	21.03	21.04	21.02	21.50
	64QAM	15	0	21.05	21.10	21.14	21.50
		1	0	21.02	21.10	21.13	21.50
		1	7	21.07	21.14	21.10	21.50
		1	14	21.05	21.06	21.06	21.50
		8	0	20.06	20.13	20.10	20.50
		8	4	20.13	20.02	20.15	20.50
	256QAM	8	7	20.09	20.07	20.14	20.50
		15	0	20.09	20.04	20.12	20.50
		1	0	18.13	18.07	18.13	18.50
		1	7	18.06	18.09	18.04	18.50
		1	14	18.04	18.09	18.04	18.50
		8	0	18.05	18.10	18.09	18.50
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
					131997	132322	132647
5MHz	QPSK						Tune up
	16QAM						Tune up
	64QAM						Tune up
	256QAM						

		1	13	18.03	18.13	18.12	18.50
		1	24	18.03	18.08	18.08	18.50
		12	0	18.01	18.08	18.15	18.50
		12	6	18.15	18.09	18.05	18.50
		12	13	18.13	18.14	18.07	18.50
		25	0	18.13	18.07	18.11	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132022	132322	132622	
10MHz	QPSK	1	0	22.03	22.12	22.09	22.50
		1	25	22.04	22.01	22.07	22.50
		1	49	22.02	22.12	22.10	22.50
		25	0	22.06	22.06	22.09	22.50
		25	13	22.08	22.03	22.14	22.50
		25	25	22.03	22.05	22.05	22.50
		50	0	22.01	22.02	22.11	22.50
	16QAM	1	0	22.13	22.11	22.06	22.50
		1	25	22.14	22.06	22.10	22.50
		1	49	22.06	22.05	22.04	22.50
		25	0	21.05	21.02	21.13	21.50
		25	13	21.02	21.13	21.08	21.50
		25	25	21.14	21.05	21.10	21.50
		50	0	21.10	21.01	21.07	21.50
	64QAM	1	0	21.09	21.01	21.02	21.50
		1	25	21.03	21.11	21.05	21.50
		1	49	21.09	21.11	21.15	21.50
		25	0	20.07	20.05	20.05	20.50
		25	13	20.09	20.05	20.03	20.50
		25	25	20.02	20.04	20.13	20.50
		50	0	20.03	20.03	20.09	20.50
	256QAM	1	0	18.04	18.07	18.13	18.50
		1	25	18.03	18.12	18.09	18.50
		1	49	18.13	18.06	18.03	18.50
		25	0	18.10	18.09	18.13	18.50
		25	13	18.07	18.05	18.07	18.50
		25	25	18.12	18.14	18.09	18.50
		50	0	18.02	18.11	18.04	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132047	132322	132597	
15MHz	QPSK	1	0	22.15	22.03	22.07	22.50
		1	38	22.05	22.14	22.14	22.50
		1	74	22.11	22.07	22.12	22.50
		36	0	22.04	22.11	22.02	22.50
		36	18	22.13	22.02	22.08	22.50
		36	39	22.04	22.04	22.07	22.50
		75	0	22.05	22.11	22.13	22.50
	16QAM	1	0	22.11	22.08	22.03	22.50
		1	38	22.05	22.11	22.10	22.50
		1	74	22.04	22.14	22.08	22.50
		36	0	21.02	21.14	21.09	21.50
		36	18	21.01	21.01	21.14	21.50
		36	39	21.04	21.11	21.06	21.50



	64QAM	75	0	21.04	21.01	21.07	21.50
		1	0	21.03	21.13	21.05	21.50
		1	38	21.07	21.02	21.03	21.50
		1	74	21.13	21.05	21.11	21.50
		36	0	20.04	20.04	20.06	20.50
		36	18	20.13	20.07	20.10	20.50
		36	39	20.12	20.06	20.10	20.50
	256QAM	75	0	20.03	20.08	20.12	20.50
		1	0	18.04	18.14	18.14	18.50
		1	38	18.07	18.05	18.09	18.50
		1	74	18.11	18.09	18.09	18.50
		36	0	18.12	18.05	18.03	18.50
		36	18	18.12	18.05	18.02	18.50
		36	39	18.06	18.10	18.14	18.50
		75	0	18.10	18.08	18.08	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132072	132322	132572	
20MHz	QPSK	1	0	22.07	22.31	22.06	22.50
		1	50	22.02	22.15	22.11	22.50
		1	99	22.15	22.06	22.02	22.50
		50	0	22.14	22.15	22.08	22.50
		50	25	22.14	22.03	22.12	22.50
		50	50	22.06	22.03	22.12	22.50
		100	0	22.03	22.06	22.01	22.50
	16QAM	1	0	22.08	22.13	22.12	22.50
		1	50	22.04	22.06	22.10	22.50
		1	99	22.04	22.07	22.03	22.50
		50	0	21.10	21.06	21.14	21.50
		50	25	21.08	21.08	21.05	21.50
		50	50	21.06	21.05	21.05	21.50
		100	0	21.02	21.06	21.04	21.50
	64QAM	1	0	21.10	21.03	21.01	21.50
		1	50	21.01	21.10	21.07	21.50
		1	99	21.07	21.09	21.14	21.50
		50	0	20.11	20.08	20.09	20.50
		50	25	20.13	20.15	20.02	20.50
		50	50	20.12	20.11	20.04	20.50
		100	0	20.13	20.07	20.02	20.50
	256QAM	1	0	18.03	18.09	18.08	18.50
		1	50	18.06	18.14	18.14	18.50
		1	99	18.02	18.08	18.14	18.50
		50	0	18.12	18.09	18.03	18.50
		50	25	18.12	18.04	18.14	18.50
		50	50	18.05	18.01	18.12	18.50
		100	0	18.11	18.05	18.07	18.50

LTE Band 66 Hotspot				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131979	132322	132665	

1.4MHz	QPSK	1	0	21.10	21.05	21.04	21.50
		1	2	21.12	21.03	21.03	21.50
		1	5	21.05	21.04	21.04	21.50
		3	0	21.10	21.12	21.12	21.50
		3	1	21.06	21.13	21.07	21.50
		3	3	21.12	21.11	21.02	21.50
		6	0	21.13	21.12	21.11	21.50
	16QAM	1	0	21.10	21.10	21.09	21.50
		1	2	21.10	21.08	21.07	21.50
		1	5	21.14	21.06	21.07	21.50
		3	0	21.11	21.09	21.05	21.50
		3	1	21.05	21.08	21.02	21.50
		3	3	21.06	21.08	21.14	21.50
		6	0	21.07	21.02	21.03	21.50
	64QAM	1	0	21.08	21.14	21.02	21.50
		1	2	21.03	21.08	21.04	21.50
		1	5	21.06	21.13	21.11	21.50
		3	0	21.03	21.02	21.14	21.50
		3	1	21.06	21.02	21.05	21.50
		3	3	21.05	21.03	21.05	21.50
		6	0	20.09	20.02	20.04	20.50
	256QAM	1	0	18.13	18.03	18.02	18.50
		1	2	18.02	18.14	18.14	18.50
		1	5	18.03	18.08	18.03	18.50
		3	0	18.07	18.12	18.13	18.50
		3	1	18.12	18.12	18.11	18.50
		3	3	18.08	18.14	18.11	18.50
		6	0	18.13	18.05	18.03	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131987	132322	132657	
3MHz	QPSK	1	0	21.14	21.15	21.14	21.50
		1	7	21.05	21.14	21.06	21.50
		1	14	21.10	21.07	21.13	21.50
		8	0	21.03	21.11	21.09	21.50
		8	4	21.11	21.05	21.09	21.50
		8	7	21.01	21.02	21.12	21.50
		15	0	21.12	21.07	21.11	21.50
	16QAM	1	0	21.06	21.05	21.11	21.50
		1	7	21.10	21.13	21.13	21.50
		1	14	21.11	21.06	21.12	21.50
		8	0	21.15	21.04	21.07	21.50
		8	4	21.07	21.14	21.10	21.50
		8	7	21.01	21.11	21.13	21.50
		15	0	21.04	21.12	21.08	21.50
	64QAM	1	0	21.11	21.07	21.03	21.50
		1	7	21.05	21.14	21.04	21.50
		1	14	21.03	21.10	21.13	21.50
		8	0	20.05	20.09	20.11	20.50
		8	4	20.10	20.14	20.15	20.50
		8	7	20.01	20.09	20.01	20.50
		15	0	20.03	20.09	20.03	20.50

		1	0	18.03	18.06	18.15	18.50
		1	7	18.15	18.05	18.13	18.50
		1	14	18.11	18.02	18.10	18.50
		8	0	18.12	18.09	18.10	18.50
		8	4	18.02	18.14	18.03	18.50
		8	7	18.10	18.04	18.05	18.50
		15	0	18.01	18.02	18.08	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131997	132322	132647	
5MHz	QPSK	1	0	21.07	21.14	21.08	21.50
		1	13	21.03	21.02	21.14	21.50
		1	24	21.09	21.04	21.09	21.50
		12	0	21.05	21.09	21.10	21.50
		12	6	21.15	21.10	21.08	21.50
		12	13	21.06	21.04	21.14	21.50
		25	0	21.14	21.10	21.06	21.50
		25	0	21.14	21.10	21.06	21.50
	16QAM	1	0	21.09	21.08	21.11	21.50
		1	13	21.11	21.13	21.09	21.50
		1	24	21.13	21.12	21.05	21.50
		12	0	21.04	21.08	21.05	21.50
		12	6	21.12	21.12	21.03	21.50
		12	13	21.07	21.02	21.10	21.50
		25	0	21.05	21.05	21.07	21.50
		25	0	21.05	21.05	21.07	21.50
	64QAM	1	0	21.08	21.08	21.09	21.50
		1	13	21.09	21.05	21.04	21.50
		1	24	21.07	21.06	21.10	21.50
		12	0	20.13	20.05	20.15	20.50
		12	6	20.11	20.05	20.03	20.50
		12	13	20.01	20.10	20.09	20.50
		25	0	20.10	20.10	20.12	20.50
		25	0	20.10	20.10	20.12	20.50
	256QAM	1	0	18.09	18.10	18.11	18.50
		1	13	18.08	18.11	18.02	18.50
		1	24	18.07	18.14	18.13	18.50
		12	0	18.10	18.14	18.05	18.50
		12	6	18.07	18.14	18.09	18.50
		12	13	18.01	18.13	18.03	18.50
		25	0	18.14	18.08	18.06	18.50
		25	0	18.14	18.08	18.06	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132022	132322	132622	
10MHz	QPSK	1	0	21.14	21.12	21.01	21.50
		1	25	21.01	21.09	21.04	21.50
		1	49	21.09	21.03	21.05	21.50
		25	0	21.04	21.02	21.09	21.50
		25	13	21.04	21.12	21.06	21.50
		25	25	21.07	21.12	21.04	21.50
		50	0	21.04	21.09	21.14	21.50
		50	0	21.04	21.09	21.14	21.50
	16QAM	1	0	21.13	21.07	21.10	21.50
		1	25	21.02	21.05	21.08	21.50
		1	49	21.06	21.06	21.06	21.50
		25	0	21.09	21.12	21.07	21.50
		25	13	21.03	21.12	21.11	21.50
		25	13	21.03	21.12	21.11	21.50

		25	25	21.04	21.06	21.02	21.50
		50	0	21.08	21.01	21.01	21.50
	64QAM	1	0	21.13	21.09	21.02	21.50
		1	25	21.07	21.05	21.14	21.50
		1	49	21.10	21.12	21.05	21.50
		25	0	20.09	20.02	20.14	20.50
		25	13	20.01	20.02	20.13	20.50
		25	25	20.10	20.12	20.14	20.50
		50	0	20.13	20.11	20.12	20.50
		1	0	18.09	18.05	18.13	18.50
	256QAM	1	25	18.11	18.02	18.03	18.50
		1	49	18.01	18.02	18.11	18.50
		25	0	18.03	18.04	18.11	18.50
		25	13	18.07	18.04	18.05	18.50
		25	25	18.12	18.10	18.06	18.50
		50	0	18.05	18.11	18.14	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132047	132322	132597	
15MHz	QPSK	1	0	21.13	21.14	21.08	21.50
		1	38	21.10	21.01	21.10	21.50
		1	74	21.12	21.05	21.13	21.50
		36	0	21.12	21.07	21.04	21.50
		36	18	21.07	21.12	21.09	21.50
		36	39	21.09	21.07	21.03	21.50
		75	0	21.09	21.07	21.10	21.50
	16QAM	1	0	21.05	21.05	21.13	21.50
		1	38	21.02	21.09	21.14	21.50
		1	74	21.06	21.04	21.15	21.50
		36	0	21.04	21.08	21.13	21.50
		36	18	21.08	21.03	21.09	21.50
		36	39	21.14	21.07	21.15	21.50
		75	0	21.02	21.13	21.03	21.50
	64QAM	1	0	21.03	21.13	21.05	21.50
		1	38	21.12	21.08	21.06	21.50
		1	74	21.07	21.14	21.07	21.50
		36	0	20.06	20.02	20.06	20.50
		36	18	20.04	20.06	20.10	20.50
		36	39	20.05	20.14	20.14	20.50
		75	0	20.05	20.02	20.04	20.50
	256QAM	1	0	18.03	18.08	18.09	18.50
		1	38	18.12	18.02	18.10	18.50
		1	74	18.07	18.10	18.03	18.50
		36	0	18.13	18.14	18.03	18.50
		36	18	18.06	18.06	18.06	18.50
		36	39	18.06	18.14	18.04	18.50
		75	0	18.14	18.07	18.10	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132072	132322	132572	
20MHz	QPSK	1	0	21.05	21.25	21.09	21.50
		1	50	21.08	21.08	21.02	21.50
		1	99	21.08	21.14	21.12	21.50

		50	0	21.03	21.15	21.05	21.50
		50	25	21.13	21.14	21.01	21.50
		50	50	21.02	21.03	21.10	21.50
		100	0	21.02	21.04	21.01	21.50
	16QAM	1	0	21.01	21.15	21.12	21.50
		1	50	21.02	21.06	21.12	21.50
		1	99	21.08	21.04	21.13	21.50
		50	0	21.13	21.03	21.13	21.50
		50	25	21.06	21.05	21.15	21.50
		50	50	21.14	21.08	21.12	21.50
		100	0	21.05	21.06	21.06	21.50
	64QAM	1	0	21.11	21.03	21.07	21.50
		1	50	21.04	21.03	21.08	21.50
		1	99	21.03	21.12	21.08	21.50
		50	0	20.06	20.10	20.14	20.50
		50	25	20.08	20.02	20.11	20.50
		50	50	20.12	20.13	20.12	20.50
		100	0	20.07	20.14	20.10	20.50
	256QAM	1	0	18.07	18.11	18.01	18.50
		1	50	18.04	18.15	18.10	18.50
		1	99	18.03	18.02	18.12	18.50
		50	0	18.08	18.01	18.04	18.50
		50	25	18.13	18.11	18.11	18.50
		50	50	18.09	18.05	18.06	18.50
		100	0	18.14	18.06	18.04	18.50

LTE Band 66 Hotspot For ULCA/ENDC				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131979	132322	132665	
1.4MHz	QPSK	1	0	19.92	20.03	19.94	20.50
		1	2	19.91	19.94	19.86	20.50
		1	5	19.88	19.99	19.93	20.50
		3	0	19.83	20.04	19.89	20.50
		3	1	19.91	19.93	19.83	20.50
		3	3	19.89	19.92	19.91	20.50
		6	0	19.79	20.01	19.89	20.50
	16QAM	1	0	19.92	19.94	19.77	20.50
		1	2	19.85	19.82	19.95	20.50
		1	5	19.85	19.88	19.77	20.50
		3	0	19.78	20.01	19.87	20.50
		3	1	19.89	19.87	19.94	20.50
		3	3	19.88	19.88	19.94	20.50
		6	0	19.91	19.85	19.90	20.50
	64QAM	1	0	19.88	19.86	19.95	20.50
		1	2	19.94	19.92	19.98	20.50
		1	5	19.91	19.83	19.86	20.50
		3	0	19.92	19.87	19.92	20.50
		3	1	19.81	19.89	19.95	20.50
		3	3	19.84	19.88	19.92	20.50

		6	0	20.09	20.02	20.04	20.50
	256QAM	1	0	18.13	18.03	18.02	18.50
		1	2	18.02	18.14	18.14	18.50
		1	5	18.03	18.08	18.03	18.50
		3	0	18.07	18.12	18.13	18.50
		3	1	18.12	18.12	18.11	18.50
		3	3	18.08	18.14	18.11	18.50
		6	0	18.13	18.05	18.03	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131987	132322	132657	
3MHz	QPSK	1	0	19.87	20.00	19.85	20.50
		1	7	19.89	19.89	19.78	20.50
		1	14	19.94	19.95	19.95	20.50
		8	0	19.89	19.94	19.81	20.50
		8	4	19.95	20.00	19.88	20.50
		8	7	19.89	19.81	19.86	20.50
		15	0	19.87	19.86	19.81	20.50
	16QAM	1	0	19.78	19.93	19.98	20.50
		1	7	19.86	19.90	19.91	20.50
		1	14	19.87	19.81	19.89	20.50
		8	0	19.90	19.83	19.95	20.50
		8	4	19.89	19.92	19.98	20.50
		8	7	19.89	19.89	19.98	20.50
		15	0	19.81	19.81	19.86	20.50
	64QAM	1	0	19.93	19.81	19.88	20.50
		1	7	19.81	19.81	19.87	20.50
		1	14	19.79	19.92	19.92	20.50
		8	0	20.05	20.09	20.11	20.50
		8	4	20.10	20.14	20.15	20.50
		8	7	20.01	20.09	20.01	20.50
		15	0	20.03	20.09	20.03	20.50
	256QAM	1	0	18.03	18.06	18.15	18.50
		1	7	18.15	18.05	18.13	18.50
		1	14	18.11	18.02	18.10	18.50
		8	0	18.12	18.09	18.10	18.50
		8	4	18.02	18.14	18.03	18.50
		8	7	18.10	18.04	18.05	18.50
		15	0	18.01	18.02	18.08	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131997	132322	132647	
5MHz	QPSK	1	0	19.80	20.01	19.87	20.50
		1	13	19.93	19.85	19.82	20.50
		1	24	19.87	20.00	19.88	20.50
		12	0	19.86	19.97	19.81	20.50
		12	6	19.88	19.93	19.85	20.50
		12	13	19.84	19.79	19.94	20.50
		25	0	19.84	19.81	19.85	20.50
	16QAM	1	0	19.88	19.96	19.91	20.50
		1	13	19.79	19.84	19.98	20.50
		1	24	19.86	19.83	19.96	20.50
		12	0	19.89	19.82	19.90	20.50

		12	6	19.92	19.86	19.93	20.50
		12	13	19.99	19.86	19.97	20.50
		25	0	19.86	19.88	19.83	20.50
	64QAM	1	0	19.88	19.83	19.93	20.50
		1	13	19.81	19.87	19.83	20.50
		1	24	19.84	19.91	19.93	20.50
		12	0	20.13	20.05	20.15	20.50
		12	6	20.11	20.05	20.03	20.50
		12	13	20.01	20.10	20.09	20.50
		25	0	20.10	20.10	20.12	20.50
		25	0	20.10	20.10	20.12	20.50
	256QAM	1	0	18.09	18.10	18.11	18.50
		1	13	18.08	18.11	18.02	18.50
		1	24	18.07	18.14	18.13	18.50
		12	0	18.10	18.14	18.05	18.50
		12	6	18.07	18.14	18.09	18.50
		12	13	18.01	18.13	18.03	18.50
		25	0	18.14	18.08	18.06	18.50
		25	0	18.14	18.08	18.06	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132022	132322	132622	
10MHz	QPSK	1	0	19.80	20.04	19.86	20.50
		1	25	19.87	19.84	19.85	20.50
		1	49	19.86	19.98	19.94	20.50
		25	0	19.82	19.94	19.90	20.50
		25	13	19.94	19.96	19.76	20.50
		25	25	19.88	19.86	19.90	20.50
		50	0	19.86	19.84	19.77	20.50
		50	0	19.86	19.84	19.77	20.50
	16QAM	1	0	19.82	19.91	19.92	20.50
		1	25	19.80	19.91	19.90	20.50
		1	49	19.94	19.82	19.89	20.50
		25	0	19.92	19.88	19.94	20.50
		25	13	19.82	19.91	19.96	20.50
		25	25	19.96	19.88	19.89	20.50
		50	0	19.91	19.88	19.82	20.50
		50	0	19.91	19.88	19.82	20.50
	64QAM	1	0	19.94	19.83	19.82	20.50
		1	25	19.91	19.89	19.86	20.50
		1	49	19.79	19.93	19.92	20.50
		25	0	20.09	20.02	20.14	20.50
		25	13	20.01	20.02	20.13	20.50
		25	25	20.10	20.12	20.14	20.50
		50	0	20.13	20.11	20.12	20.50
		50	0	20.13	20.11	20.12	20.50
	256QAM	1	0	18.09	18.05	18.13	18.50
		1	25	18.11	18.02	18.03	18.50
		1	49	18.01	18.02	18.11	18.50
		25	0	18.03	18.04	18.11	18.50
		25	13	18.07	18.04	18.05	18.50
		25	25	18.12	18.10	18.06	18.50
		50	0	18.05	18.11	18.14	18.50
		50	0	18.05	18.11	18.14	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132047	132322	132597	
15MHz	QPSK	1	0	19.89	20.05	19.95	20.50
		1	38	19.95	19.83	19.79	20.50

		1	74	19.90	19.97	19.99	20.50
		36	0	19.82	19.97	19.82	20.50
		36	18	19.97	19.92	19.83	20.50
		36	39	19.86	19.81	19.96	20.50
		75	0	19.89	19.80	19.87	20.50
	16QAM	1	0	19.85	19.94	19.93	20.50
		1	38	19.83	19.84	19.95	20.50
		1	74	19.95	19.85	19.99	20.50
		36	0	19.93	19.88	19.90	20.50
		36	18	19.87	19.82	19.98	20.50
		36	39	19.91	19.91	19.98	20.50
		75	0	19.82	19.87	19.81	20.50
	64QAM	1	0	19.87	19.84	19.91	20.50
		1	38	19.91	19.89	19.89	20.50
		1	74	19.82	19.98	19.84	20.50
		36	0	20.06	20.02	20.06	20.50
		36	18	20.04	20.06	20.10	20.50
		36	39	20.05	20.14	20.14	20.50
		75	0	20.05	20.02	20.04	20.50
	256QAM	1	0	18.03	18.08	18.09	18.50
		1	38	18.12	18.02	18.10	18.50
		1	74	18.07	18.10	18.03	18.50
		36	0	18.13	18.14	18.03	18.50
		36	18	18.06	18.06	18.06	18.50
		36	39	18.06	18.14	18.04	18.50
		75	0	18.14	18.07	18.10	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132072	132322	132572	
20MHz	QPSK	1	0	20.06	20.22	20.15	20.50
		1	50	20.04	20.07	19.99	20.50
		1	99	20.06	20.15	20.16	20.50
		50	0	20.03	20.19	20.01	20.50
		50	25	20.15	20.11	20.04	20.50
		50	50	19.98	20.08	20.12	20.50
		100	0	20.05	20.07	20.04	20.50
	16QAM	1	0	19.99	20.13	20.13	20.50
		1	50	20.05	20.11	20.16	20.50
		1	99	20.10	20.03	20.13	20.50
		50	0	20.16	20.01	20.18	20.50
		50	25	20.10	20.12	20.15	20.50
		50	50	20.20	20.08	20.11	20.50
		100	0	20.04	20.10	20.12	20.50
	64QAM	1	0	20.06	20.06	20.07	20.50
		1	50	20.10	20.02	20.14	20.50
		1	99	20.05	20.14	20.04	20.50
		50	0	20.06	20.10	20.14	20.50
		50	25	20.08	20.02	20.11	20.50
		50	50	20.12	20.13	20.12	20.50
		100	0	20.07	20.14	20.10	20.50
	256QAM	1	0	18.07	18.11	18.01	18.50
		1	50	18.04	18.15	18.10	18.50

		1	99	18.03	18.02	18.12	18.50
		50	0	18.08	18.01	18.04	18.50
		50	25	18.13	18.11	18.11	18.50
		50	50	18.09	18.05	18.06	18.50
		100	0	18.14	18.06	18.04	18.50

LTE Band 42 Head				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				42115	42590	43065	
5MHz	QPSK	1	0	19.50	19.50	19.57	20.00
		1	13	19.52	19.56	19.60	20.00
		1	24	19.56	19.55	19.52	20.00
		12	0	19.52	19.52	19.58	20.00
		12	6	19.55	19.56	19.51	20.00
		12	13	19.59	19.51	19.55	20.00
		25	0	19.50	19.58	19.55	20.00
	16QAM	1	0	19.52	19.49	19.58	20.00
		1	13	19.61	19.49	19.60	20.00
		1	24	19.52	19.55	19.54	20.00
		12	0	19.53	19.53	19.51	20.00
		12	6	19.60	19.51	19.57	20.00
		12	13	19.51	19.60	19.56	20.00
		25	0	19.51	19.48	19.52	20.00
	64QAM	1	0	19.57	19.57	19.49	20.00
		1	13	19.55	19.59	19.52	20.00
		1	24	19.50	19.55	19.47	20.00
		12	0	19.54	19.60	19.50	20.00
		12	6	19.55	19.57	19.49	20.00
		12	13	19.56	19.60	19.53	20.00
		25	0	19.58	19.47	19.54	20.00
	256QAM	1	0	18.49	18.49	18.55	19.00
		1	13	18.50	18.49	18.59	19.00
		1	24	18.49	18.57	18.60	19.00
		12	0	18.56	18.55	18.50	19.00
		12	6	18.47	18.55	18.53	19.00
		12	13	18.60	18.51	18.60	19.00
		25	0	18.55	18.49	18.59	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				42140	42590	43040	
10MHz	QPSK	1	0	19.51	19.59	19.59	20.00
		1	25	19.56	19.58	19.59	20.00
		1	49	19.60	19.51	19.54	20.00
		25	0	19.59	19.60	19.57	20.00
		25	13	19.57	19.56	19.48	20.00
		25	25	19.56	19.57	19.60	20.00
		50	0	19.50	19.48	19.52	20.00
	16QAM	1	0	19.54	19.59	19.52	20.00
		1	25	19.59	19.49	19.54	20.00
		1	49	19.57	19.58	19.54	20.00

		25	0	19.51	19.52	19.60	20.00
		25	13	19.54	19.51	19.60	20.00
		25	25	19.47	19.53	19.53	20.00
		50	0	19.59	19.50	19.61	20.00
	64QAM	1	0	19.47	19.49	19.59	20.00
		1	25	19.54	19.51	19.55	20.00
		1	49	19.56	19.50	19.53	20.00
		25	0	19.56	19.51	19.49	20.00
		25	13	19.59	19.52	19.60	20.00
		25	25	19.56	19.53	19.61	20.00
		50	0	19.59	19.54	19.48	20.00
	256QAM	1	0	18.53	18.56	18.51	19.00
		1	25	18.51	18.48	18.50	19.00
		1	49	18.51	18.56	18.53	19.00
		25	0	18.51	18.57	18.61	19.00
		25	13	18.49	18.49	18.48	19.00
		25	25	18.54	18.56	18.52	19.00
		50	0	18.54	18.56	18.54	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				42165	42590	43015	
15MHz	QPSK	1	0	19.57	19.52	19.60	20.00
		1	38	19.52	19.50	19.54	20.00
		1	74	19.54	19.55	19.58	20.00
		36	0	19.51	19.58	19.51	20.00
		36	18	19.58	19.55	19.60	20.00
		36	39	19.51	19.57	19.60	20.00
		75	0	19.50	19.57	19.58	20.00
	16QAM	1	0	19.53	19.60	19.47	20.00
		1	38	19.60	19.59	19.53	20.00
		1	74	19.52	19.47	19.49	20.00
		36	0	19.61	19.59	19.60	20.00
		36	18	19.58	19.56	19.52	20.00
		36	39	19.53	19.57	19.50	20.00
		75	0	19.51	19.51	19.50	20.00
	64QAM	1	0	19.49	19.50	19.55	20.00
		1	38	19.48	19.59	19.49	20.00
		1	74	19.53	19.50	19.58	20.00
		36	0	19.50	19.49	19.61	20.00
		36	18	19.49	19.51	19.53	20.00
		36	39	19.60	19.51	19.54	20.00
		75	0	19.55	19.58	19.58	20.00
	256QAM	1	0	18.52	18.58	18.51	19.00
		1	38	18.57	18.47	18.52	19.00
		1	74	18.59	18.59	18.47	19.00
		36	0	18.51	18.52	18.49	19.00
		36	18	18.56	18.52	18.47	19.00
		36	39	18.56	18.58	18.52	19.00
		75	0	18.61	18.53	18.56	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				42190	42590	42990	
20MHz	QPSK	1	0	19.55	19.71	19.60	20.00

		1	50	19.59	19.50	19.52	20.00
		1	99	19.52	19.50	19.53	20.00
		50	0	19.53	19.61	19.51	20.00
		50	25	19.54	19.55	19.59	20.00
		50	50	19.58	19.60	19.47	20.00
		100	0	19.48	19.54	19.53	20.00
	16QAM	1	0	19.57	19.53	19.50	20.00
		1	50	19.57	19.50	19.57	20.00
		1	99	19.53	19.57	19.55	20.00
		50	0	19.54	19.54	19.54	20.00
		50	25	19.51	19.52	19.60	20.00
		50	50	19.52	19.55	19.56	20.00
		100	0	19.54	19.50	19.50	20.00
	64QAM	1	0	19.48	19.53	19.50	20.00
		1	50	19.54	19.57	19.60	20.00
		1	99	19.51	19.59	19.58	20.00
		50	0	19.56	19.48	19.51	20.00
		50	25	19.53	19.50	19.60	20.00
		50	50	19.55	19.53	19.55	20.00
	256QAM	100	0	19.53	19.60	19.50	20.00
		1	0	18.53	18.57	18.57	19.00
		1	50	18.55	18.60	18.51	19.00
		1	99	18.52	18.48	18.59	19.00
		50	0	18.51	18.59	18.60	19.00
		50	25	18.52	18.50	18.61	19.00
		50	50	18.53	18.56	18.47	19.00
		100	0	18.60	18.58	18.59	19.00

LTE Band 42 Body(15mm/0mm)				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				42115	42590	43065	
5MHz	QPSK	1	0	21.51	21.61	21.49	22.00
		1	13	21.55	21.55	21.55	22.00
		1	24	21.48	21.58	21.55	22.00
		12	0	21.56	21.50	21.51	22.00
		12	6	21.50	21.50	21.55	22.00
		12	13	21.47	21.60	21.50	22.00
	16QAM	25	0	21.55	21.56	21.48	22.00
		1	0	21.51	21.60	21.49	22.00
		1	13	21.51	21.52	21.47	22.00
		1	24	21.61	21.53	21.54	22.00
		12	0	21.51	21.56	21.49	22.00
		12	6	21.56	21.58	21.60	22.00
		12	13	21.54	21.56	21.49	22.00
		25	0	21.48	21.51	21.56	22.00
	64QAM	1	0	21.50	21.48	21.47	22.00
		1	13	21.54	21.50	21.52	22.00
		1	24	21.56	21.50	21.61	22.00
		12	0	20.59	20.60	20.55	21.00

		12	6	20.51	20.55	20.55	21.00
		12	13	20.50	20.51	20.57	21.00
		25	0	20.58	20.54	20.57	21.00
	256QAM	1	0	18.52	18.50	18.54	19.00
		1	13	18.51	18.59	18.61	19.00
		1	24	18.50	18.55	18.57	19.00
		12	0	18.56	18.55	18.55	19.00
		12	6	18.54	18.54	18.54	19.00
		12	13	18.53	18.58	18.61	19.00
		25	0	18.51	18.55	18.57	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				42140	42590	43040	
10MHz	QPSK	1	0	21.58	21.57	21.56	22.00
		1	25	21.59	21.56	21.59	22.00
		1	49	21.49	21.50	21.50	22.00
		25	0	21.49	21.55	21.49	22.00
		25	13	21.54	21.56	21.59	22.00
		25	25	21.53	21.48	21.53	22.00
		50	0	21.49	21.56	21.53	22.00
	16QAM	1	0	21.48	21.51	21.49	22.00
		1	25	21.54	21.49	21.50	22.00
		1	49	21.56	21.52	21.59	22.00
		25	0	21.51	21.56	21.59	22.00
		25	13	21.60	21.47	21.56	22.00
		25	25	21.54	21.57	21.48	22.00
		50	0	21.55	21.48	21.53	22.00
	64QAM	1	0	21.51	21.56	21.58	22.00
		1	25	21.56	21.61	21.59	22.00
		1	49	21.58	21.49	21.51	22.00
		25	0	20.52	20.59	20.53	21.00
		25	13	20.58	20.54	20.59	21.00
		25	25	20.52	20.48	20.61	21.00
		50	0	20.54	20.51	20.53	21.00
	256QAM	1	0	18.57	18.57	18.56	19.00
		1	25	18.51	18.52	18.50	19.00
		1	49	18.48	18.61	18.50	19.00
		25	0	18.48	18.55	18.54	19.00
		25	13	18.56	18.48	18.57	19.00
		25	25	18.55	18.59	18.51	19.00
		50	0	18.53	18.49	18.56	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				42165	42590	43015	
15MHz	QPSK	1	0	21.49	21.58	21.49	22.00
		1	38	21.52	21.54	21.55	22.00
		1	74	21.50	21.55	21.51	22.00
		36	0	21.53	21.60	21.61	22.00
		36	18	21.55	21.57	21.60	22.00
		36	39	21.56	21.49	21.50	22.00
		75	0	21.47	21.53	21.58	22.00
	16QAM	1	0	21.59	21.53	21.55	22.00
		1	38	21.56	21.51	21.48	22.00

		1	74	21.55	21.60	21.53	22.00
		36	0	21.47	21.49	21.58	22.00
		36	18	21.52	21.56	21.50	22.00
		36	39	21.52	21.60	21.49	22.00
		75	0	21.56	21.54	21.48	22.00
	64QAM	1	0	21.48	21.51	21.58	22.00
		1	38	21.47	21.50	21.58	22.00
		1	74	21.57	21.49	21.55	22.00
		36	0	20.50	20.59	20.51	21.00
		36	18	20.55	20.58	20.61	21.00
		36	39	20.47	20.51	20.54	21.00
		75	0	20.56	20.54	20.55	21.00
	256QAM	1	0	18.53	18.59	18.48	19.00
		1	38	18.54	18.54	18.57	19.00
		1	74	18.53	18.52	18.51	19.00
		36	0	18.60	18.51	18.57	19.00
		36	18	18.55	18.56	18.51	19.00
		36	39	18.49	18.54	18.56	19.00
		75	0	18.59	18.51	18.51	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				42190	42590	42990	
20MHz	QPSK	1	0	21.55	21.74	21.48	22.00
		1	50	21.48	21.53	21.48	22.00
		1	99	21.53	21.60	21.54	22.00
		50	0	21.52	21.61	21.49	22.00
		50	25	21.53	21.56	21.58	22.00
		50	50	21.55	21.57	21.54	22.00
		100	0	21.54	21.54	21.51	22.00
	16QAM	1	0	21.54	21.52	21.58	22.00
		1	50	21.48	21.52	21.59	22.00
		1	99	21.54	21.61	21.52	22.00
		50	0	21.52	21.52	21.55	22.00
		50	25	21.50	21.52	21.60	22.00
		50	50	21.52	21.57	21.54	22.00
		100	0	21.48	21.59	21.59	22.00
	64QAM	1	0	21.47	21.55	21.49	22.00
		1	50	21.51	21.56	21.61	22.00
		1	99	21.51	21.54	21.54	22.00
		50	0	20.50	20.59	20.56	21.00
		50	25	20.59	20.49	20.48	21.00
		50	50	20.54	20.58	20.58	21.00
		100	0	20.49	20.51	20.51	21.00
	256QAM	1	0	18.51	18.55	18.50	19.00
		1	50	18.50	18.51	18.56	19.00
		1	99	18.54	18.47	18.52	19.00
		50	0	18.56	18.49	18.56	19.00
		50	25	18.51	18.49	18.56	19.00
		50	50	18.55	18.53	18.54	19.00
		100	0	18.49	18.59	18.49	19.00

LTE Band 42 Hotspot				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				42115	42590	43065	
5MHz	QPSK	1	0	20.55	20.50	20.47	21.00
		1	13	20.54	20.65	20.54	21.00
		1	24	20.56	20.47	20.50	21.00
		12	0	20.53	20.42	20.49	21.00
		12	6	20.52	20.45	20.50	21.00
		12	13	20.49	20.53	20.55	21.00
		25	0	20.42	20.54	20.50	21.00
	16QAM	1	0	20.52	20.58	20.54	21.00
		1	13	20.58	20.52	20.49	21.00
		1	24	20.54	20.43	20.60	21.00
		12	0	20.55	20.60	20.48	21.00
		12	6	20.57	20.57	20.49	21.00
		12	13	20.58	20.43	20.45	21.00
		25	0	20.47	20.54	20.49	21.00
	64QAM	1	0	20.54	20.49	20.54	21.00
		1	13	20.53	20.56	20.43	21.00
		1	24	20.62	20.50	20.53	21.00
		12	0	20.62	20.56	20.54	21.00
		12	6	20.54	20.49	20.46	21.00
		12	13	20.53	20.52	20.49	21.00
		25	0	20.55	20.43	20.53	21.00
	256QAM	1	0	18.61	18.48	18.51	19.00
		1	13	18.54	18.46	18.55	19.00
		1	24	18.49	18.48	18.58	19.00
		12	0	18.54	18.41	18.52	19.00
		12	6	18.50	18.43	18.45	19.00
		12	13	18.45	18.52	18.52	19.00
		25	0	18.52	18.51	18.64	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				42140	42590	43040	
10MHz	QPSK	1	0	20.52	20.56	20.47	21.00
		1	25	20.61	20.53	20.55	21.00
		1	49	20.61	20.41	20.55	21.00
		25	0	20.59	20.44	20.53	21.00
		25	13	20.55	20.53	20.60	21.00
		25	25	20.49	20.58	20.48	21.00
		50	0	20.54	20.64	20.59	21.00
	16QAM	1	0	20.45	20.59	20.59	21.00
		1	25	20.51	20.49	20.45	21.00
		1	49	20.48	20.48	20.58	21.00
		25	0	20.57	20.60	20.52	21.00
		25	13	20.52	20.53	20.59	21.00
		25	25	20.59	20.54	20.47	21.00
		50	0	20.50	20.56	20.55	21.00
	64QAM	1	0	20.43	20.42	20.43	21.00

		1	25	20.55	20.50	20.52	21.00
		1	49	20.50	20.60	20.53	21.00
		25	0	20.62	20.54	20.51	21.00
		25	13	20.49	20.50	20.54	21.00
		25	25	20.45	20.45	20.55	21.00
		50	0	20.51	20.47	20.43	21.00
	256QAM	1	0	18.54	18.47	18.47	19.00
		1	25	18.49	18.53	18.50	19.00
		1	49	18.52	18.51	18.54	19.00
		25	0	18.54	18.42	18.53	19.00
		25	13	18.54	18.49	18.47	19.00
		25	25	18.47	18.59	18.56	19.00
		50	0	18.61	18.56	18.61	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				42165	42590	43015	
15MHz	QPSK	1	0	20.50	20.55	20.54	21.00
		1	38	20.59	20.58	20.50	21.00
		1	74	20.56	20.44	20.47	21.00
		36	0	20.62	20.43	20.51	21.00
		36	18	20.55	20.43	20.58	21.00
		36	39	20.50	20.59	20.55	21.00
		75	0	20.44	20.52	20.60	21.00
	16QAM	1	0	20.52	20.52	20.61	21.00
		1	38	20.52	20.51	20.51	21.00
		1	74	20.53	20.49	20.50	21.00
		36	0	20.57	20.56	20.50	21.00
		36	18	20.51	20.61	20.56	21.00
		36	39	20.54	20.55	20.46	21.00
		75	0	20.45	20.52	20.56	21.00
	64QAM	1	0	20.50	20.38	20.45	21.00
		1	38	20.51	20.58	20.47	21.00
		1	74	20.53	20.60	20.52	21.00
		36	0	20.63	20.50	20.53	21.00
		36	18	20.53	20.52	20.52	21.00
		36	39	20.50	20.53	20.54	21.00
		75	0	20.60	20.47	20.50	21.00
	256QAM	1	0	18.60	18.47	18.49	19.00
		1	38	18.49	18.43	18.53	19.00
		1	74	18.49	18.50	18.57	19.00
		36	0	18.48	18.50	18.52	19.00
		36	18	18.53	18.41	18.47	19.00
		36	39	18.53	18.52	18.61	19.00
		75	0	18.51	18.55	18.55	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				42190	42590	42990	
20MHz	QPSK	1	0	20.48	20.76	20.53	21.00
		1	50	20.55	20.65	20.44	21.00
		1	99	20.63	20.51	20.48	21.00
		50	0	20.53	20.62	20.59	21.00
		50	25	20.57	20.48	20.51	21.00
		50	50	20.53	20.49	20.42	21.00

	16QAM	100	0	20.42	20.57	20.54	21.00
		1	0	20.43	20.48	20.59	21.00
		1	50	20.63	20.54	20.48	21.00
		1	99	20.56	20.42	20.60	21.00
		50	0	20.57	20.59	20.43	21.00
		50	25	20.54	20.54	20.57	21.00
		50	50	20.57	20.49	20.48	21.00
		100	0	20.49	20.63	20.46	21.00
	64QAM	1	0	20.41	20.40	20.46	21.00
		1	50	20.51	20.61	20.53	21.00
		1	99	20.54	20.51	20.45	21.00
		50	0	20.59	20.59	20.50	21.00
		50	25	20.55	20.52	20.53	21.00
		50	50	20.50	20.49	20.59	21.00
		100	0	20.51	20.53	20.42	21.00
	256QAM	1	0	18.62	18.49	18.54	19.00
		1	50	18.59	18.45	18.49	19.00
		1	99	18.48	18.39	18.53	19.00
		50	0	18.53	18.49	18.53	19.00
		50	25	18.48	18.43	18.52	19.00
		50	50	18.56	18.54	18.48	19.00
		100	0	18.54	18.53	18.62	19.00

LTE Band 48 Head				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				55265	55990	56715	
5MHz	QPSK	1	0	20.32	20.32	20.22	21.50
		1	13	20.32	20.35	20.24	21.50
		1	24	20.32	20.28	20.29	21.50
		12	0	20.23	20.26	20.33	21.50
		12	6	20.27	20.28	20.33	21.50
		12	13	20.34	20.24	20.26	21.50
		25	0	20.24	20.32	20.24	21.50
	16QAM	1	0	20.22	20.24	20.35	21.50
		1	13	20.21	20.32	20.24	21.50
		1	24	20.30	20.25	20.29	21.50
		12	0	19.75	19.71	19.73	21.00
		12	6	19.77	19.71	19.75	21.00
		12	13	19.72	19.72	19.81	21.00
		25	0	19.71	19.79	19.72	21.00
	64QAM	1	0	19.83	19.76	19.74	21.00
		1	13	19.76	19.78	19.81	21.00
		1	24	19.81	19.76	19.79	21.00
		12	0	19.82	19.74	19.75	20.00
		12	6	19.76	19.77	19.75	20.00
		12	13	19.84	19.79	19.73	20.00
		25	0	19.78	19.80	19.84	20.00
	256QAM	1	0	17.43	17.35	17.31	18.00
		1	13	17.27	17.36	17.34	18.00

		1	24	17.33	17.39	17.31	18.00
		12	0	17.28	17.39	17.35	18.00
		12	6	17.39	17.28	17.32	18.00
		12	13	17.29	17.29	17.31	18.00
		25	0	17.40	17.36	17.47	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				55290	55990	56690	
10MHz	QPSK	1	0	20.36	20.37	20.22	21.50
		1	25	20.32	20.36	20.27	21.50
		1	49	20.28	20.33	20.25	21.50
		25	0	20.18	20.22	20.37	21.50
		25	13	20.30	20.27	20.26	21.50
		25	25	20.31	20.15	20.30	21.50
		50	0	20.18	20.36	20.24	21.50
	16QAM	1	0	20.27	20.25	20.39	21.50
		1	25	20.15	20.35	20.26	21.50
		1	49	20.28	20.29	20.32	21.50
		25	0	19.76	19.71	19.78	21.00
		25	13	19.76	19.70	19.67	21.00
		25	25	19.71	19.70	19.79	21.00
		50	0	19.66	19.75	19.72	21.00
	64QAM	1	0	19.78	19.72	19.68	21.00
		1	25	19.71	19.73	19.85	21.00
		1	49	19.82	19.71	19.74	21.00
		25	0	19.86	19.77	19.66	20.00
		25	13	19.68	19.73	19.76	20.00
		25	25	19.89	19.79	19.72	20.00
		50	0	19.83	19.82	19.76	20.00
	256QAM	1	0	17.44	17.34	17.32	18.00
		1	25	17.27	17.42	17.28	18.00
		1	49	17.37	17.39	17.30	18.00
		25	0	17.28	17.34	17.38	18.00
		25	13	17.36	17.31	17.33	18.00
		25	25	17.28	17.26	17.36	18.00
		50	0	17.39	17.36	17.44	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				55315	55990	56665	
15MHz	QPSK	1	0	20.36	20.34	20.24	21.50
		1	38	20.29	20.32	20.21	21.50
		1	74	20.27	20.20	20.31	21.50
		36	0	20.26	20.20	20.32	21.50
		36	18	20.18	20.27	20.25	21.50
		36	39	20.35	20.23	20.18	21.50
		75	0	20.16	20.29	20.25	21.50
	16QAM	1	0	20.15	20.27	20.27	21.50
		1	38	20.18	20.35	20.21	21.50
		1	74	20.33	20.17	20.33	21.50
		36	0	19.78	19.64	19.69	21.00
		36	18	19.70	19.73	19.69	21.00
		36	39	19.71	19.73	19.79	21.00
		75	0	19.75	19.71	19.73	21.00

	64QAM	1	0	19.78	19.71	19.74	21.00
		1	38	19.79	19.78	19.73	21.00
		1	74	19.85	19.72	19.84	21.00
		36	0	19.83	19.70	19.67	20.00
		36	18	19.69	19.80	19.74	20.00
		36	39	19.79	19.83	19.77	20.00
		75	0	19.81	19.72	19.86	20.00
	256QAM	1	0	17.39	17.34	17.37	18.00
		1	38	17.28	17.39	17.34	18.00
		1	74	17.33	17.33	17.33	18.00
		36	0	17.29	17.40	17.40	18.00
		36	18	17.42	17.30	17.35	18.00
		36	39	17.33	17.34	17.32	18.00
		75	0	17.41	17.31	17.43	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				55340	55990	56640	
20MHz	QPSK	1	0	20.30	20.49	20.16	21.50
		1	50	20.29	20.30	20.23	21.50
		1	99	20.24	20.25	20.29	21.50
		50	0	20.26	20.38	20.28	21.50
		50	25	20.26	20.21	20.29	21.50
		50	50	20.31	20.28	20.26	21.50
		100	0	20.21	20.26	20.22	21.50
	16QAM	1	0	20.14	20.26	20.39	21.50
		1	50	20.13	20.31	20.19	21.50
		1	99	20.25	20.28	20.21	21.50
		50	0	19.76	19.75	19.74	21.00
		50	25	19.69	19.69	19.70	21.00
		50	50	19.72	19.74	19.74	21.00
		100	0	19.68	19.80	19.76	21.00
	64QAM	1	0	19.76	19.70	19.68	21.00
		1	50	19.74	19.72	19.73	21.00
		1	99	19.82	19.79	19.76	21.00
		50	0	19.81	19.67	19.73	20.00
		50	25	19.77	19.81	19.67	20.00
		50	50	19.85	19.78	19.70	20.00
		100	0	19.69	19.74	19.76	20.00
	256QAM	1	0	17.51	17.45	17.45	18.00
		1	50	17.39	17.51	17.43	18.00
		1	99	17.45	17.46	17.40	18.00
		50	0	17.41	17.48	17.48	18.00
		50	25	17.49	17.43	17.42	18.00
		50	50	17.40	17.41	17.46	18.00
		100	0	17.50	17.46	17.54	18.00

LTE Band 48 Head For ULCA/ENDC				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				55265	55990	56715	
5MHz	QPSK	1	0	18.19	18.36	18.05	19.50

		1	13	18.24	18.21	18.17	19.50
		1	24	18.19	18.14	18.24	19.50
		12	0	18.19	18.25	18.24	19.50
		12	6	18.13	18.08	18.17	19.50
		12	13	18.24	18.13	18.14	19.50
		25	0	18.16	18.15	18.10	19.50
	16QAM	1	0	18.22	18.35	18.11	19.50
		1	13	18.15	18.19	18.18	19.50
		1	24	18.10	18.17	18.14	19.50
		12	0	18.23	18.34	18.21	19.50
		12	6	18.13	18.11	18.17	19.50
		12	13	18.16	18.18	18.18	19.50
		25	0	18.13	18.16	18.18	19.50
	64QAM	1	0	18.25	18.34	18.02	19.50
		1	13	18.17	18.25	18.10	19.50
		1	24	18.10	18.14	18.21	19.50
		12	0	18.11	18.23	18.15	19.50
		12	6	18.14	18.07	18.26	19.50
		12	13	18.27	18.15	18.23	19.50
		25	0	18.06	18.23	18.18	19.50
	256QAM	1	0	17.43	17.35	17.31	18.00
		1	13	17.27	17.36	17.34	18.00
		1	24	17.33	17.39	17.31	18.00
		12	0	17.28	17.39	17.35	18.00
		12	6	17.39	17.28	17.32	18.00
		12	13	17.29	17.29	17.31	18.00
		25	0	17.40	17.36	17.47	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				55290	55990	56690	
10MHz	QPSK	1	0	18.19	18.34	18.03	19.50
		1	25	18.22	18.22	18.15	19.50
		1	49	18.20	18.19	18.21	19.50
		25	0	18.21	18.32	18.16	19.50
		25	13	18.13	18.13	18.26	19.50
		25	25	18.24	18.14	18.19	19.50
		50	0	18.09	18.13	18.15	19.50
	16QAM	1	0	18.16	18.38	18.05	19.50
		1	25	18.16	18.24	18.16	19.50
		1	49	18.10	18.17	18.25	19.50
		25	0	18.14	18.27	18.17	19.50
		25	13	18.22	18.14	18.14	19.50
		25	25	18.28	18.19	18.12	19.50
		50	0	18.13	18.21	18.12	19.50
	64QAM	1	0	18.21	18.35	18.03	19.50
		1	25	18.26	18.16	18.16	19.50
		1	49	18.13	18.12	18.24	19.50
		25	0	18.14	18.32	18.19	19.50
		25	13	18.13	18.15	18.17	19.50
		25	25	18.26	18.18	18.15	19.50
		50	0	18.07	18.11	18.17	19.50
	256QAM	1	0	17.44	17.34	17.32	18.00

		1	25	17.27	17.42	17.28	18.00
		1	49	17.37	17.39	17.30	18.00
		25	0	17.28	17.34	17.38	18.00
		25	13	17.36	17.31	17.33	18.00
		25	25	17.28	17.26	17.36	18.00
		50	0	17.39	17.36	17.44	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				55315	55990	56665	
15MHz	QPSK	1	0	18.27	18.41	18.02	19.50
		1	38	18.22	18.22	18.17	19.50
		1	74	18.20	18.13	18.24	19.50
		36	0	18.19	18.31	18.22	19.50
		36	18	18.15	18.11	18.20	19.50
		36	39	18.17	18.21	18.17	19.50
		75	0	18.07	18.14	18.18	19.50
	16QAM	1	0	18.25	18.34	18.09	19.50
		1	38	18.16	18.25	18.18	19.50
		1	74	18.18	18.11	18.23	19.50
		36	0	18.16	18.31	18.25	19.50
		36	18	18.19	18.18	18.14	19.50
		36	39	18.23	18.23	18.13	19.50
		75	0	18.08	18.12	18.15	19.50
	64QAM	1	0	18.25	18.35	18.08	19.50
		1	38	18.18	18.27	18.19	19.50
		1	74	18.17	18.19	18.26	19.50
		36	0	18.23	18.34	18.24	19.50
		36	18	18.13	18.13	18.16	19.50
		36	39	18.22	18.13	18.17	19.50
		75	0	18.18	18.17	18.11	19.50
	256QAM	1	0	17.39	17.34	17.37	18.00
		1	38	17.28	17.39	17.34	18.00
		1	74	17.33	17.33	17.33	18.00
		36	0	17.29	17.40	17.40	18.00
		36	18	17.42	17.30	17.35	18.00
		36	39	17.33	17.34	17.32	18.00
		75	0	17.41	17.31	17.43	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				55340	55990	56640	
20MHz	QPSK	1	0	18.27	18.48	18.15	19.50
		1	50	18.30	18.35	18.18	19.50
		1	99	18.28	18.28	18.29	19.50
		50	0	18.21	18.44	18.35	19.50
		50	25	18.22	18.22	18.32	19.50
		50	50	18.36	18.26	18.29	19.50
		100	0	18.19	18.23	18.22	19.50
	16QAM	1	0	18.33	18.37	18.17	19.50
		1	50	18.33	18.30	18.30	19.50
		1	99	18.25	18.32	18.30	19.50
		50	0	18.31	18.41	18.30	19.50
		50	25	18.31	18.28	18.33	19.50
		50	50	18.29	18.24	18.24	19.50

	64QAM	100	0	18.24	18.25	18.24	19.50
		1	0	18.31	18.41	18.11	19.50
		1	50	18.31	18.27	18.19	19.50
		1	99	18.30	18.31	18.27	19.50
		50	0	18.24	18.43	18.24	19.50
		50	25	18.22	18.27	18.33	19.50
		50	50	18.30	18.28	18.26	19.50
		100	0	18.25	18.24	18.20	19.50
	256QAM	1	0	17.51	17.45	17.45	18.00
		1	50	17.39	17.51	17.43	18.00
		1	99	17.45	17.46	17.40	18.00
		50	0	17.41	17.48	17.48	18.00
		50	25	17.49	17.43	17.42	18.00
		50	50	17.40	17.41	17.46	18.00
		100	0	17.50	17.46	17.54	18.00

LTE Band 48 Body(15mm/0mm)				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				55265	55990	56715	
5MHz	QPSK	1	0	20.72	20.74	20.77	22.50
		1	13	20.74	20.73	20.74	22.50
		1	24	20.84	20.77	20.80	22.50
		12	0	20.22	20.25	20.32	22.00
		12	6	20.29	20.35	20.24	22.00
		12	13	20.26	20.30	20.33	22.00
		25	0	20.32	20.26	20.27	22.00
	16QAM	1	0	20.26	20.25	20.34	22.00
		1	13	20.33	20.29	20.24	22.00
		1	24	20.31	20.29	20.28	22.00
		12	0	19.33	19.25	19.21	21.00
		12	6	19.33	19.23	19.22	21.00
		12	13	19.22	19.34	19.31	21.00
		25	0	19.30	19.29	19.26	21.00
	64QAM	1	0	19.23	19.26	19.30	21.00
		1	13	19.32	19.25	19.35	21.00
		1	24	19.28	19.33	19.31	21.00
		12	0	18.29	18.34	18.27	20.00
		12	6	18.22	18.34	18.28	20.00
		12	13	18.23	18.23	18.25	20.00
		25	0	18.22	18.28	18.33	20.00
	256QAM	1	0	17.43	17.35	17.31	18.00
		1	13	17.27	17.36	17.34	18.00
		1	24	17.33	17.39	17.31	18.00
		12	0	17.28	17.39	17.35	18.00
		12	6	17.39	17.28	17.32	18.00
		12	13	17.29	17.29	17.31	18.00
		25	0	17.40	17.36	17.47	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				55290	55990	56690	

10MHz	QPSK	1	0	20.76	20.84	20.73	22.50
		1	25	20.74	20.74	20.72	22.50
		1	49	20.78	20.80	20.75	22.50
		25	0	20.25	20.35	20.32	22.00
		25	13	20.32	20.34	20.26	22.00
		25	25	20.32	20.25	20.29	22.00
		50	0	20.26	20.25	20.34	22.00
	16QAM	1	0	20.29	20.21	20.34	22.00
		1	25	20.33	20.27	20.31	22.00
		1	49	20.29	20.32	20.28	22.00
		25	0	19.34	19.25	19.23	21.00
		25	13	19.25	19.32	19.32	21.00
		25	25	19.23	19.35	19.29	21.00
		50	0	19.23	19.23	19.33	21.00
	64QAM	1	0	19.28	19.25	19.30	21.00
		1	25	19.24	19.29	19.32	21.00
		1	49	19.25	19.28	19.29	21.00
		25	0	18.31	18.33	18.29	20.00
		25	13	18.28	18.25	18.25	20.00
		25	25	18.30	18.21	18.29	20.00
		50	0	18.23	18.25	18.22	20.00
	256QAM	1	0	17.44	17.34	17.32	18.00
		1	25	17.27	17.42	17.28	18.00
		1	49	17.37	17.39	17.30	18.00
		25	0	17.28	17.34	17.38	18.00
		25	13	17.36	17.31	17.33	18.00
		25	25	17.28	17.26	17.36	18.00
		50	0	17.39	17.36	17.44	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				55315	55990	56665	
15MHz	QPSK	1	0	20.75	20.75	20.74	22.50
		1	38	20.83	20.80	20.80	22.50
		1	74	20.82	20.81	20.73	22.50
		36	0	20.21	20.28	20.33	22.00
		36	18	20.26	20.32	20.24	22.00
		36	39	20.25	20.29	20.28	22.00
		75	0	20.26	20.27	20.24	22.00
	16QAM	1	0	20.34	20.35	20.31	22.00
		1	38	20.34	20.28	20.30	22.00
		1	74	20.23	20.24	20.25	22.00
		36	0	19.32	19.31	19.30	21.00
		36	18	19.33	19.27	19.26	21.00
		36	39	19.21	19.35	19.31	21.00
		75	0	19.30	19.35	19.25	21.00
	64QAM	1	0	19.30	19.30	19.23	21.00
		1	38	19.22	19.31	19.33	21.00
		1	74	19.22	19.31	19.32	21.00
		36	0	18.32	18.28	18.26	20.00
		36	18	18.32	18.26	18.31	20.00
		36	39	18.27	18.25	18.31	20.00
		75	0	18.26	18.23	18.26	20.00

		1	0	17.39	17.34	17.37	18.00
		1	38	17.28	17.39	17.34	18.00
		1	74	17.33	17.33	17.33	18.00
	256QAM	36	0	17.29	17.40	17.40	18.00
		36	18	17.42	17.30	17.35	18.00
		36	39	17.33	17.34	17.32	18.00
		75	0	17.41	17.31	17.43	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				55340	55990	56640	
20MHz	QPSK	1	0	20.83	20.94	20.73	22.50
		1	50	20.73	20.83	20.74	22.50
		1	99	20.77	20.75	20.84	22.50
		50	0	20.27	20.35	20.33	22.00
		50	25	20.22	20.32	20.25	22.00
		50	50	20.25	20.25	20.27	22.00
		100	0	20.29	20.31	20.29	22.00
		100	0	20.29	20.31	20.29	22.00
	16QAM	1	0	20.28	20.24	20.32	22.00
		1	50	20.26	20.29	20.24	22.00
		1	99	20.22	20.29	20.33	22.00
		50	0	19.28	19.27	19.33	21.00
		50	25	19.21	19.23	19.23	21.00
		50	50	19.22	19.24	19.34	21.00
		100	0	19.34	19.22	19.23	21.00
		100	0	19.34	19.22	19.23	21.00
	64QAM	1	0	19.32	19.29	19.33	21.00
		1	50	19.29	19.24	19.29	21.00
		1	99	19.34	19.33	19.32	21.00
		50	0	18.26	18.23	18.25	20.00
		50	25	18.29	18.21	18.25	20.00
		50	50	18.30	18.30	18.34	20.00
		100	0	18.32	18.23	18.25	20.00
		100	0	18.32	18.23	18.25	20.00
	256QAM	1	0	17.51	17.45	17.45	18.00
		1	50	17.39	17.51	17.43	18.00
		1	99	17.45	17.46	17.40	18.00
		50	0	17.41	17.48	17.48	18.00
		50	25	17.49	17.43	17.42	18.00
		50	50	17.40	17.41	17.46	18.00
		100	0	17.50	17.46	17.54	18.00
		100	0	17.50	17.46	17.54	18.00

LTE Band 48 Body(15mm/0mm) For ULCA/ENDC				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				55265	55990	56715	
5MHz	QPSK	1	0	18.74	18.89	18.74	20.50
		1	13	18.60	18.75	18.67	20.50
		1	24	18.70	18.70	18.75	20.50
		12	0	18.74	18.87	18.62	20.50
		12	6	18.68	18.72	18.69	20.50
		12	13	18.66	18.68	18.77	20.50
		25	0	18.71	18.88	18.67	20.50
		25	0	18.71	18.88	18.67	20.50
	16QAM	1	0	18.77	18.75	18.58	20.50

		1	13	18.68	18.77	18.62	20.50
		1	24	18.63	18.70	18.78	20.50
		12	0	18.68	18.82	18.63	20.50
		12	6	18.71	18.82	18.67	20.50
		12	13	18.57	18.77	18.63	20.50
		25	0	18.62	18.69	18.68	20.50
	64QAM	1	0	18.71	18.89	18.57	20.50
		1	13	18.67	18.74	18.59	20.50
		1	24	18.68	18.63	18.82	20.50
		12	0	18.29	18.34	18.27	20.00
		12	6	18.22	18.34	18.28	20.00
		12	13	18.23	18.23	18.25	20.00
	256QAM	25	0	18.22	18.28	18.33	20.00
		1	0	17.43	17.35	17.31	18.00
		1	13	17.27	17.36	17.34	18.00
		1	24	17.33	17.39	17.31	18.00
		12	0	17.28	17.39	17.35	18.00
		12	6	17.39	17.28	17.32	18.00
		12	13	17.29	17.29	17.31	18.00
		25	0	17.40	17.36	17.47	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				55290	55990	56690	
10MHz	QPSK	1	0	18.74	18.89	18.82	20.50
		1	25	18.65	18.75	18.66	20.50
		1	49	18.74	18.70	18.75	20.50
		25	0	18.73	18.90	18.63	20.50
		25	13	18.66	18.74	18.64	20.50
		25	25	18.69	18.71	18.75	20.50
		50	0	18.67	18.90	18.72	20.50
	16QAM	1	0	18.79	18.78	18.56	20.50
		1	25	18.70	18.73	18.59	20.50
		1	49	18.59	18.67	18.79	20.50
		25	0	18.71	18.80	18.58	20.50
		25	13	18.74	18.82	18.65	20.50
		25	25	18.64	18.82	18.60	20.50
		50	0	18.63	18.68	18.69	20.50
	64QAM	1	0	18.75	18.92	18.61	20.50
		1	25	18.68	18.74	18.55	20.50
		1	49	18.75	18.66	18.74	20.50
		25	0	18.31	18.33	18.29	20.00
		25	13	18.28	18.25	18.25	20.00
		25	25	18.30	18.21	18.29	20.00
		50	0	18.23	18.25	18.22	20.00
	256QAM	1	0	17.44	17.34	17.32	18.00
		1	25	17.27	17.42	17.28	18.00
		1	49	17.37	17.39	17.30	18.00
		25	0	17.28	17.34	17.38	18.00
		25	13	17.36	17.31	17.33	18.00
		25	25	17.28	17.26	17.36	18.00
		50	0	17.39	17.36	17.44	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up

				55315	55990	56665	
15MHz	QPSK	1	0	18.68	18.92	18.80	20.50
		1	38	18.60	18.73	18.67	20.50
		1	74	18.72	18.64	18.74	20.50
		36	0	18.72	18.92	18.57	20.50
		36	18	18.71	18.70	18.72	20.50
		36	39	18.65	18.66	18.82	20.50
		75	0	18.68	18.91	18.73	20.50
	16QAM	1	0	18.81	18.81	18.60	20.50
		1	38	18.64	18.76	18.62	20.50
		1	74	18.59	18.70	18.76	20.50
		36	0	18.68	18.80	18.60	20.50
		36	18	18.71	18.75	18.66	20.50
		36	39	18.60	18.79	18.66	20.50
		75	0	18.63	18.68	18.71	20.50
	64QAM	1	0	18.75	18.86	18.55	20.50
		1	38	18.67	18.70	18.56	20.50
		1	74	18.75	18.61	18.80	20.50
		36	0	18.32	18.28	18.26	20.00
		36	18	18.32	18.26	18.31	20.00
		36	39	18.27	18.25	18.31	20.00
		75	0	18.26	18.23	18.26	20.00
	256QAM	1	0	17.39	17.34	17.37	18.00
		1	38	17.28	17.39	17.34	18.00
		1	74	17.33	17.33	17.33	18.00
		36	0	17.29	17.40	17.40	18.00
		36	18	17.42	17.30	17.35	18.00
		36	39	17.33	17.34	17.32	18.00
		75	0	17.41	17.31	17.43	18.00
Bandwidth	Modulation	RB size	RB offset	Channel 55340	Channel 55990	Channel 56640	Tune up
20MHz	QPSK	1	0	18.82	19.03	18.89	20.50
		1	50	18.74	18.87	18.74	20.50
		1	99	18.81	18.78	18.86	20.50
		50	0	18.82	19.01	18.71	20.50
		50	25	18.80	18.82	18.79	20.50
		50	50	18.80	18.79	18.89	20.50
		100	0	18.82	18.98	18.80	20.50
	16QAM	1	0	18.90	18.89	18.70	20.50
		1	50	18.78	18.86	18.72	20.50
		1	99	18.73	18.79	18.87	20.50
		50	0	18.80	18.93	18.72	20.50
		50	25	18.82	18.90	18.74	20.50
		50	50	18.71	18.89	18.75	20.50
		100	0	18.74	18.80	18.82	20.50
	64QAM	1	0	18.82	18.99	18.69	20.50
		1	50	18.79	18.82	18.69	20.50
		1	99	18.82	18.75	18.89	20.50
		50	0	18.26	18.23	18.25	20.00
		50	25	18.29	18.21	18.25	20.00
		50	50	18.30	18.30	18.34	20.00

	256QAM	100	0	18.32	18.23	18.25	20.00
		1	0	17.51	17.45	17.45	18.00
		1	50	17.39	17.51	17.43	18.00
		1	99	17.45	17.46	17.40	18.00
		50	0	17.41	17.48	17.48	18.00
		50	25	17.49	17.43	17.42	18.00
		50	50	17.40	17.41	17.46	18.00
		100	0	17.50	17.46	17.54	18.00

LTE Band 48 Hotspot				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				55265	55990	56715	
5MHz	QPSK	1	0	19.43	19.31	19.33	21.00
		1	13	19.36	19.40	19.34	21.00
		1	24	19.28	19.41	19.44	21.00
		12	0	19.28	19.46	19.27	21.00
		12	6	19.43	19.45	19.37	21.00
		12	13	19.37	19.34	19.29	21.00
		25	0	19.45	19.29	19.32	21.00
	16QAM	1	0	19.31	19.34	19.34	21.00
		1	13	19.23	19.36	19.42	21.00
		1	24	19.39	19.40	19.46	21.00
		12	0	19.47	19.47	19.40	21.00
		12	6	19.23	19.33	19.46	21.00
		12	13	19.36	19.28	19.35	21.00
		25	0	19.35	19.40	19.36	21.00
	64QAM	1	0	19.33	19.45	19.31	21.00
		1	13	19.36	19.32	19.44	21.00
		1	24	19.38	19.38	19.41	21.00
		12	0	18.38	18.38	18.31	20.00
		12	6	18.41	18.43	18.35	20.00
		12	13	18.37	18.32	18.38	20.00
		25	0	18.41	18.43	18.26	20.00
	256QAM	1	0	17.43	17.35	17.31	18.00
		1	13	17.27	17.36	17.34	18.00
		1	24	17.33	17.39	17.31	18.00
		12	0	17.28	17.39	17.35	18.00
		12	6	17.39	17.28	17.32	18.00
		12	13	17.29	17.29	17.31	18.00
		25	0	17.40	17.36	17.47	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				55290	55990	56690	
10MHz	QPSK	1	0	19.34	19.35	19.30	21.00
		1	25	19.44	19.31	19.42	21.00
		1	49	19.29	19.35	19.36	21.00
		25	0	19.31	19.47	19.34	21.00
		25	13	19.43	19.36	19.31	21.00
		25	25	19.37	19.43	19.27	21.00
		50	0	19.35	19.30	19.42	21.00

	16QAM	1	0	19.44	19.44	19.35	21.00
		1	25	19.33	19.43	19.43	21.00
		1	49	19.30	19.42	19.37	21.00
		25	0	19.46	19.49	19.37	21.00
		25	13	19.32	19.42	19.39	21.00
		25	25	19.43	19.29	19.27	21.00
		50	0	19.36	19.34	19.37	21.00
	64QAM	1	0	19.41	19.36	19.39	21.00
		1	25	19.30	19.36	19.43	21.00
		1	49	19.41	19.32	19.38	21.00
		25	0	18.38	18.34	18.44	20.00
		25	13	18.46	18.33	18.42	20.00
		25	25	18.37	18.39	18.30	20.00
		50	0	18.36	18.48	18.27	20.00
	256QAM	1	0	17.44	17.34	17.32	18.00
		1	25	17.27	17.42	17.28	18.00
		1	49	17.37	17.39	17.30	18.00
		25	0	17.28	17.34	17.38	18.00
		25	13	17.36	17.31	17.33	18.00
		25	25	17.28	17.26	17.36	18.00
		50	0	17.39	17.36	17.44	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				55315	55990	56665	
15MHz	QPSK	1	0	19.34	19.34	19.34	21.00
		1	38	19.36	19.42	19.41	21.00
		1	74	19.31	19.42	19.43	21.00
		36	0	19.34	19.45	19.36	21.00
		36	18	19.43	19.46	19.38	21.00
		36	39	19.39	19.40	19.33	21.00
		75	0	19.41	19.31	19.41	21.00
	16QAM	1	0	19.33	19.40	19.40	21.00
		1	38	19.23	19.39	19.34	21.00
		1	74	19.37	19.39	19.40	21.00
		36	0	19.35	19.49	19.32	21.00
		36	18	19.35	19.43	19.41	21.00
		36	39	19.46	19.34	19.35	21.00
		75	0	19.36	19.38	19.38	21.00
	64QAM	1	0	19.43	19.34	19.35	21.00
		1	38	19.41	19.25	19.44	21.00
		1	74	19.29	19.33	19.36	21.00
		36	0	18.39	18.35	18.39	20.00
		36	18	18.43	18.38	18.45	20.00
		36	39	18.29	18.32	18.42	20.00
		75	0	18.44	18.40	18.38	20.00
	256QAM	1	0	17.39	17.34	17.37	18.00
		1	38	17.28	17.39	17.34	18.00
		1	74	17.33	17.33	17.33	18.00
		36	0	17.29	17.40	17.40	18.00
		36	18	17.42	17.30	17.35	18.00
		36	39	17.33	17.34	17.32	18.00
		75	0	17.41	17.31	17.43	18.00

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				55340	55990	56640	
20MHz	QPSK	1	0	19.40	19.55	19.30	21.00
		1	50	19.33	19.29	19.34	21.00
		1	99	19.38	19.30	19.36	21.00
		50	0	19.31	19.44	19.25	21.00
		50	25	19.36	19.42	19.42	21.00
		50	50	19.35	19.41	19.31	21.00
		100	0	19.29	19.33	19.27	21.00
	16QAM	1	0	19.38	19.47	19.34	21.00
		1	50	19.30	19.42	19.43	21.00
		1	99	19.32	19.32	19.41	21.00
		50	0	19.36	19.36	19.36	21.00
		50	25	19.32	19.34	19.35	21.00
		50	50	19.40	19.31	19.32	21.00
		100	0	19.34	19.37	19.38	21.00
	64QAM	1	0	19.43	19.34	19.31	21.00
		1	50	19.33	19.29	19.35	21.00
		1	99	19.36	19.40	19.40	21.00
		50	0	18.41	18.29	18.34	20.00
		50	25	18.36	18.35	18.41	20.00
		50	50	18.40	18.36	18.28	20.00
		100	0	18.42	18.49	18.31	20.00
	256QAM	1	0	17.51	17.45	17.45	18.00
		1	50	17.39	17.51	17.43	18.00
		1	99	17.45	17.46	17.40	18.00
		50	0	17.41	17.48	17.48	18.00
		50	25	17.49	17.43	17.42	18.00
		50	50	17.40	17.41	17.46	18.00
		100	0	17.50	17.46	17.54	18.00

LTE Band 48 Hotspot For ULCA/ENDC				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				55265	55990	56715	
5MHz	QPSK	1	0	17.43	17.57	17.40	19.00
		1	13	17.34	17.37	17.37	19.00
		1	24	17.42	17.36	17.36	19.00
		12	0	17.34	17.50	17.36	19.00
		12	6	17.35	17.40	17.35	19.00
		12	13	17.37	17.46	17.36	19.00
		25	0	17.29	17.29	17.26	19.00
	16QAM	1	0	17.41	17.47	17.33	19.00
		1	13	17.36	17.48	17.38	19.00
		1	24	17.40	17.29	17.43	19.00
		12	0	17.44	17.41	17.38	19.00
		12	6	17.33	17.35	17.37	19.00
		12	13	17.34	17.33	17.39	19.00
		25	0	17.35	17.34	17.40	19.00
	64QAM	1	0	17.46	17.38	17.31	19.00

		1	13	17.29	17.33	17.34	19.00
		1	24	17.32	17.45	17.32	19.00
		12	0	17.33	17.31	17.29	19.00
		12	6	17.43	17.42	17.28	19.00
		12	13	17.37	17.45	17.45	19.00
		25	0	17.31	17.31	17.41	19.00
	256QAM	1	0	17.43	17.35	17.31	18.00
		1	13	17.27	17.36	17.34	18.00
		1	24	17.33	17.39	17.31	18.00
		12	0	17.28	17.39	17.35	18.00
		12	6	17.39	17.28	17.32	18.00
		12	13	17.29	17.29	17.31	18.00
		25	0	17.40	17.36	17.47	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				55290	55990	56690	
10MHz	QPSK	1	0	17.39	17.55	17.40	19.00
		1	25	17.30	17.36	17.43	19.00
		1	49	17.40	17.33	17.35	19.00
		25	0	17.34	17.50	17.31	19.00
		25	13	17.35	17.41	17.37	19.00
		25	25	17.41	17.42	17.39	19.00
		50	0	17.33	17.29	17.27	19.00
	16QAM	1	0	17.37	17.54	17.36	19.00
		1	25	17.30	17.42	17.36	19.00
		1	49	17.34	17.26	17.46	19.00
		25	0	17.42	17.40	17.34	19.00
		25	13	17.35	17.34	17.37	19.00
		25	25	17.34	17.32	17.38	19.00
		50	0	17.37	17.37	17.36	19.00
	64QAM	1	0	17.44	17.34	17.29	19.00
		1	25	17.32	17.32	17.29	19.00
		1	49	17.30	17.40	17.33	19.00
		25	0	17.29	17.32	17.29	19.00
		25	13	17.41	17.34	17.32	19.00
		25	25	17.32	17.39	17.47	19.00
		50	0	17.30	17.28	17.43	19.00
	256QAM	1	0	17.44	17.34	17.32	18.00
		1	25	17.27	17.42	17.28	18.00
		1	49	17.37	17.39	17.30	18.00
		25	0	17.28	17.34	17.38	18.00
		25	13	17.36	17.31	17.33	18.00
		25	25	17.28	17.26	17.36	18.00
		50	0	17.39	17.36	17.44	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				55315	55990	56665	
15MHz	QPSK	1	0	17.42	17.58	17.35	19.00
		1	38	17.29	17.32	17.39	19.00
		1	74	17.46	17.37	17.37	19.00
		36	0	17.36	17.45	17.31	19.00
		36	18	17.40	17.43	17.36	19.00
		36	39	17.41	17.41	17.40	19.00

	16QAM	75	0	17.28	17.33	17.30	19.00
		1	0	17.37	17.52	17.38	19.00
		1	38	17.33	17.44	17.37	19.00
		1	74	17.33	17.27	17.42	19.00
		36	0	17.42	17.43	17.38	19.00
		36	18	17.32	17.34	17.39	19.00
		36	39	17.40	17.33	17.40	19.00
	64QAM	75	0	17.31	17.38	17.36	19.00
		1	0	17.50	17.37	17.30	19.00
		1	38	17.32	17.31	17.35	19.00
		1	74	17.30	17.42	17.37	19.00
		36	0	17.31	17.37	17.31	19.00
		36	18	17.45	17.39	17.30	19.00
		36	39	17.36	17.40	17.43	19.00
	256QAM	75	0	17.36	17.25	17.46	19.00
		1	0	17.39	17.34	17.37	18.00
		1	38	17.28	17.39	17.34	18.00
		1	74	17.33	17.33	17.33	18.00
		36	0	17.29	17.40	17.40	18.00
		36	18	17.42	17.30	17.35	18.00
		36	39	17.33	17.34	17.32	18.00
		75	0	17.41	17.31	17.43	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				55340	55990	56640	
20MHz	QPSK	1	0	17.53	17.68	17.47	19.00
		1	50	17.42	17.44	17.51	19.00
		1	99	17.54	17.46	17.49	19.00
		50	0	17.47	17.59	17.43	19.00
		50	25	17.47	17.51	17.49	19.00
		50	50	17.48	17.55	17.47	19.00
		100	0	17.41	17.41	17.40	19.00
	16QAM	1	0	17.51	17.62	17.46	19.00
		1	50	17.44	17.57	17.50	19.00
		1	99	17.47	17.38	17.53	19.00
		50	0	17.52	17.52	17.47	19.00
		50	25	17.43	17.47	17.46	19.00
		50	50	17.47	17.41	17.47	19.00
		100	0	17.45	17.45	17.50	19.00
	64QAM	1	0	17.59	17.46	17.39	19.00
		1	50	17.40	17.42	17.43	19.00
		1	99	17.42	17.52	17.46	19.00
		50	0	17.44	17.44	17.41	19.00
		50	25	17.54	17.49	17.40	19.00
		50	50	17.45	17.54	17.58	19.00
		100	0	17.43	17.39	17.54	19.00
	256QAM	1	0	17.51	17.45	17.45	18.00
		1	50	17.39	17.51	17.43	18.00
		1	99	17.45	17.46	17.40	18.00
		50	0	17.41	17.48	17.48	18.00
		50	25	17.49	17.43	17.42	18.00
		50	50	17.40	17.41	17.46	18.00

		100	0	17.50	17.46	17.54	18.00
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4 Conducted Power of Main Antenna(Ant4)

4.1 Conducted Power of LTE

LTE Band 7 Head				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20775	21100	21425	
5MHz	QPSK	1	0	16.14	16.16	16.15	17.50
		1	13	16.12	16.09	16.12	17.50
		1	24	16.17	16.11	16.19	17.50
		12	0	16.13	16.19	16.20	17.50
		12	6	16.13	16.10	16.18	17.50
		12	13	16.18	16.11	16.08	17.50
		25	0	16.08	16.18	16.10	17.50
	16QAM	1	0	16.06	16.07	16.19	17.50
		1	13	16.16	16.10	16.19	17.50
		1	24	16.14	16.18	16.15	17.50
		12	0	16.16	16.08	16.09	17.50
		12	6	16.18	16.14	16.14	17.50
		12	13	16.07	16.08	16.16	17.50
		25	0	16.06	16.15	16.19	17.50
	64QAM	1	0	16.19	16.19	16.20	17.50
		1	13	16.14	16.08	16.12	17.50
		1	24	16.13	16.17	16.19	17.50
		12	0	16.06	16.07	16.07	17.50
		12	6	16.12	16.08	16.10	17.50
		12	13	16.17	16.18	16.07	17.50
		25	0	16.07	16.15	16.12	17.50
	256QAM	1	0	16.13	16.12	16.11	17.50
		1	13	16.12	16.19	16.13	17.50
		1	24	16.07	16.17	16.06	17.50
		12	0	16.06	16.07	16.18	17.50
		12	6	16.15	16.07	16.11	17.50
		12	13	16.15	16.08	16.19	17.50
		25	0	16.14	16.12	16.11	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20800	21100	21400	
10MHz	QPSK	1	0	15.89	15.91	15.90	17.50
		1	25	15.87	15.84	15.87	17.50
		1	49	15.92	15.86	15.94	17.50
		25	0	15.88	15.94	15.95	17.50
		25	13	15.88	15.85	15.93	17.50
		25	25	15.93	15.86	15.83	17.50
		50	0	15.83	15.93	15.85	17.50
	16QAM	1	0	15.81	15.82	15.94	17.50
		1	25	15.91	15.85	15.94	17.50
		1	49	15.89	15.93	15.90	17.50
		25	0	15.91	15.83	15.84	17.50

		25	13	15.93	15.89	15.89	17.50
		25	25	15.82	15.83	15.91	17.50
		50	0	15.81	15.90	15.94	17.50
	64QAM	1	0	15.94	15.94	15.95	17.50
		1	25	15.89	15.83	15.87	17.50
		1	49	15.88	15.92	15.94	17.50
		25	0	15.81	15.82	15.82	17.50
		25	13	15.87	15.83	15.85	17.50
		25	25	15.92	15.93	15.82	17.50
		50	0	15.82	15.90	15.87	17.50
		1	0	15.88	15.87	15.86	17.50
	256QAM	1	25	15.87	15.94	15.88	17.50
		1	49	15.82	15.92	15.81	17.50
		25	0	15.81	15.82	15.93	17.50
		25	13	15.90	15.82	15.86	17.50
		25	25	15.90	15.83	15.94	17.50
		50	0	15.89	15.87	15.86	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20825	21100	21375	
15MHz	QPSK	1	0	16.13	16.14	16.13	17.50
		1	38	16.17	16.17	16.13	17.50
		1	74	16.15	16.16	16.14	17.50
		36	0	16.19	16.18	16.09	17.50
		36	18	16.15	16.12	16.15	17.50
		36	39	16.19	16.15	16.08	17.50
		75	0	16.15	16.11	16.12	17.50
		1	0	16.18	16.08	16.17	17.50
	16QAM	1	38	16.09	16.10	16.12	17.50
		1	74	16.11	16.09	16.07	17.50
		36	0	16.20	16.09	16.16	17.50
		36	18	16.15	16.12	16.07	17.50
		36	39	16.19	16.06	16.07	17.50
		75	0	16.09	16.09	16.12	17.50
		1	0	16.10	16.18	16.07	17.50
		1	38	16.17	16.10	16.15	17.50
	64QAM	1	74	16.15	16.09	16.07	17.50
		36	0	16.14	16.10	16.10	17.50
		36	18	16.20	16.17	16.09	17.50
		36	39	16.16	16.08	16.18	17.50
		75	0	16.15	16.20	16.14	17.50
		1	0	16.10	16.11	16.10	17.50
		1	38	16.10	16.13	16.11	17.50
		1	74	16.18	16.09	16.12	17.50
	256QAM	36	0	16.18	16.19	16.19	17.50
		36	18	16.14	16.19	16.12	17.50
		36	39	16.09	16.15	16.07	17.50
		75	0	16.17	16.16	16.07	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20850	21100	21350	
20MHz	QPSK	1	0	16.18	16.24	16.18	17.50
		1	50	16.19	16.20	16.09	17.50

		1	99	16.08	16.18	16.15	17.50
		50	0	16.19	16.20	16.16	17.50
		50	25	16.14	16.17	16.08	17.50
		50	50	16.09	16.17	16.07	17.50
		100	0	16.13	16.17	16.16	17.50
	16QAM	1	0	16.17	16.07	16.12	17.50
		1	50	16.13	16.12	16.14	17.50
		1	99	16.16	16.07	16.14	17.50
		50	0	16.19	16.16	16.18	17.50
		50	25	16.13	16.17	16.17	17.50
		50	50	16.17	16.15	16.20	17.50
		100	0	16.13	16.07	16.10	17.50
	64QAM	1	0	16.19	16.13	16.16	17.50
		1	50	16.16	16.14	16.14	17.50
		1	99	16.12	16.16	16.07	17.50
		50	0	16.09	16.19	16.09	17.50
		50	25	16.18	16.19	16.13	17.50
		50	50	16.19	16.09	16.19	17.50
		100	0	16.15	16.17	16.07	17.50
	256QAM	1	0	16.07	16.08	16.10	17.50
		1	50	16.13	16.08	16.16	17.50
		1	99	16.13	16.07	16.12	17.50
		50	0	16.14	16.07	16.17	17.50
		50	25	16.19	16.20	16.20	17.50
		50	50	16.13	16.06	16.15	17.50
		100	0	16.16	16.11	16.11	17.50

LTE Band 7 Head For ULCA				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20775	21100	21425	
5MHz	QPSK	1	0	14.03	14.16	14.04	15.50
		1	13	14.10	14.02	14.03	15.50
		1	24	13.92	14.12	14.11	15.50
		12	0	14.10	14.10	14.10	15.50
		12	6	14.01	14.06	13.98	15.50
		12	13	14.02	14.11	13.93	15.50
		25	0	14.05	14.04	14.07	15.50
	16QAM	1	0	14.12	13.96	14.10	15.50
		1	13	14.01	14.04	14.10	15.50
		1	24	14.08	13.90	14.04	15.50
		12	0	14.10	14.08	14.02	15.50
		12	6	14.01	14.05	14.07	15.50
		12	13	14.07	14.03	14.09	15.50
		25	0	14.00	13.95	13.95	15.50
	64QAM	1	0	14.02	13.98	14.01	15.50
		1	13	14.09	14.07	14.09	15.50
		1	24	13.99	14.01	13.97	15.50
		12	0	13.96	14.14	14.05	15.50
		12	6	14.12	14.01	14.03	15.50

	256QAM	12	13	14.12	13.98	14.11	15.50
		25	0	13.98	14.13	13.97	15.50
		1	0	14.01	13.92	14.00	15.50
		1	13	13.94	14.01	13.99	15.50
		1	24	14.02	13.98	14.03	15.50
		12	0	14.06	13.95	14.07	15.50
		12	6	14.03	14.07	14.13	15.50
		12	13	14.00	13.95	13.97	15.50
		25	0	14.04	14.04	13.96	15.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20800	21100	21400	
10MHz	QPSK	1	0	14.04	14.14	14.05	15.50
		1	25	14.11	14.06	14.02	15.50
		1	49	13.94	14.15	14.07	15.50
		25	0	14.12	14.11	14.12	15.50
		25	13	13.99	14.10	13.96	15.50
		25	25	13.98	14.09	13.93	15.50
		50	0	14.05	14.04	14.06	15.50
	16QAM	1	0	14.08	13.96	14.05	15.50
		1	25	14.02	14.05	14.09	15.50
		1	49	14.11	13.92	14.01	15.50
		25	0	14.07	14.08	14.03	15.50
		25	13	13.98	14.05	14.07	15.50
		25	25	14.10	14.03	14.11	15.50
		50	0	14.01	13.98	13.94	15.50
	64QAM	1	0	14.00	13.94	14.05	15.50
		1	25	14.11	14.03	14.05	15.50
		1	49	14.00	13.97	13.94	15.50
		25	0	13.96	14.11	14.04	15.50
		25	13	14.12	14.02	14.03	15.50
		25	25	14.11	13.99	14.07	15.50
		50	0	13.95	14.10	13.95	15.50
	256QAM	1	0	14.05	13.89	13.98	15.50
		1	25	13.95	14.02	14.03	15.50
		1	49	14.05	13.98	13.99	15.50
		25	0	14.03	13.95	14.04	15.50
		25	13	14.04	14.10	14.16	15.50
		25	25	13.98	13.91	13.96	15.50
		50	0	14.06	14.08	13.97	15.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20825	21100	21375	
15MHz	QPSK	1	0	14.01	14.13	14.02	15.50
		1	38	14.12	14.06	14.01	15.50
		1	74	13.94	14.14	14.11	15.50
		36	0	14.07	14.09	14.13	15.50
		36	18	13.97	14.10	13.99	15.50
		36	39	13.99	14.10	13.91	15.50
		75	0	14.02	14.07	14.05	15.50
	16QAM	1	0	14.11	13.94	14.04	15.50
		1	38	14.03	14.05	14.07	15.50
		1	74	14.11	13.93	14.00	15.50

		36	0	14.06	14.11	14.05	15.50
		36	18	13.99	14.05	14.07	15.50
		36	39	14.08	14.03	14.14	15.50
		75	0	14.01	14.01	13.93	15.50
	64QAM	1	0	14.03	13.99	14.05	15.50
		1	38	14.13	14.03	14.06	15.50
		1	74	14.00	14.00	13.93	15.50
		36	0	13.98	14.10	14.01	15.50
		36	18	14.12	14.07	13.99	15.50
		36	39	14.09	13.98	14.07	15.50
		75	0	13.96	14.08	13.98	15.50
	256QAM	1	0	14.04	13.90	13.99	15.50
		1	38	13.94	14.05	14.03	15.50
		1	74	14.03	13.96	13.98	15.50
		36	0	14.06	13.94	14.04	15.50
		36	18	14.04	14.11	14.13	15.50
		36	39	14.01	13.95	14.00	15.50
		75	0	14.05	14.07	13.94	15.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20850	21100	21350	
20MHz	QPSK	1	0	14.15	14.28	14.15	15.50
		1	50	14.24	14.16	14.15	15.50
		1	99	14.06	14.25	14.22	15.50
		50	0	14.22	14.23	14.23	15.50
		50	25	14.11	14.20	14.09	15.50
		50	50	14.13	14.21	14.05	15.50
		100	0	14.15	14.19	14.17	15.50
	16QAM	1	0	14.21	14.07	14.19	15.50
		1	50	14.16	14.18	14.19	15.50
		1	99	14.22	14.05	14.14	15.50
		50	0	14.20	14.20	14.14	15.50
		50	25	14.11	14.18	14.17	15.50
		50	50	14.20	14.17	14.24	15.50
		100	0	14.15	14.10	14.07	15.50
	64QAM	1	0	14.15	14.09	14.15	15.50
		1	50	14.23	14.17	14.19	15.50
		1	99	14.10	14.11	14.07	15.50
		50	0	14.10	14.25	14.15	15.50
		50	25	14.22	14.16	14.14	15.50
		50	50	14.24	14.12	14.21	15.50
		100	0	14.10	14.23	14.09	15.50
	256QAM	1	0	14.14	14.03	14.11	15.50
		1	50	14.08	14.15	14.13	15.50
		1	99	14.15	14.10	14.13	15.50
		50	0	14.17	14.07	14.17	15.50
		50	25	14.14	14.21	14.26	15.50
		50	50	14.12	14.04	14.11	15.50
		100	0	14.19	14.18	14.07	15.50

LTE Band 7 Body(15mm/0mm)				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20775	21100	21425	
5MHz	QPSK	1	0	18.88	18.87	18.83	19.50
		1	13	18.84	18.88	18.83	19.50
		1	24	18.90	18.91	18.88	19.50
		12	0	18.91	18.94	18.86	19.50
		12	6	18.94	18.87	18.83	19.50
		12	13	18.89	18.90	18.85	19.50
		25	0	18.83	18.83	18.82	19.50
	16QAM	1	0	18.94	18.94	18.84	19.50
		1	13	18.82	18.88	18.93	19.50
		1	24	18.88	18.85	18.83	19.50
		12	0	18.86	18.88	18.89	19.50
		12	6	18.87	18.95	18.94	19.50
		12	13	18.94	18.89	18.94	19.50
		25	0	18.93	18.91	18.94	19.50
	64QAM	1	0	18.83	18.87	18.86	19.50
		1	13	18.90	18.93	18.91	19.50
		1	24	18.87	18.85	18.95	19.50
		12	0	18.85	18.93	18.85	19.50
		12	6	18.92	18.82	18.91	19.50
		12	13	18.91	18.92	18.84	19.50
		25	0	18.87	18.86	18.84	19.50
	256QAM	1	0	17.84	17.82	17.94	18.50
		1	13	17.92	17.81	17.91	18.50
		1	24	17.93	17.89	17.82	18.50
		12	0	17.87	17.90	17.93	18.50
		12	6	17.85	17.91	17.92	18.50
		12	13	17.87	17.92	17.82	18.50
		25	0	17.82	17.81	17.87	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20800	21100	21400	
10MHz	QPSK	1	0	18.90	18.91	18.84	19.50
		1	25	18.88	18.92	18.86	19.50
		1	49	18.92	18.90	18.82	19.50
		25	0	18.91	18.84	18.91	19.50
		25	13	18.85	18.86	18.89	19.50
		25	25	18.95	18.93	18.94	19.50
		50	0	18.84	18.81	18.95	19.50
	16QAM	1	0	18.84	18.89	18.83	19.50
		1	25	18.90	18.81	18.92	19.50
		1	49	18.85	18.81	18.94	19.50
		25	0	18.90	18.85	18.85	19.50
		25	13	18.87	18.83	18.85	19.50
		25	25	18.84	18.86	18.90	19.50
		50	0	18.93	18.82	18.87	19.50
	64QAM	1	0	18.92	18.86	18.87	19.50
		1	25	18.81	18.89	18.91	19.50

		1	49	18.88	18.88	18.87	19.50
		25	0	18.88	18.94	18.90	19.50
		25	13	18.92	18.90	18.87	19.50
		25	25	18.86	18.88	18.89	19.50
		50	0	18.88	18.83	18.88	19.50
	256QAM	1	0	17.89	17.93	17.85	18.50
		1	25	17.89	17.85	17.84	18.50
		1	49	17.91	17.82	17.90	18.50
		25	0	17.89	17.94	17.83	18.50
		25	13	17.91	17.93	17.87	18.50
		25	25	17.82	17.92	17.87	18.50
		50	0	17.84	17.93	17.89	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20825	21100	21375	
15MHz	QPSK	1	0	18.81	18.95	18.82	19.50
		1	38	18.93	18.91	18.93	19.50
		1	74	18.92	18.83	18.87	19.50
		36	0	18.87	18.92	18.85	19.50
		36	18	18.87	18.92	18.88	19.50
		36	39	18.90	18.85	18.87	19.50
		75	0	18.81	18.90	18.86	19.50
	16QAM	1	0	18.86	18.86	18.81	19.50
		1	38	18.90	18.82	18.82	19.50
		1	74	18.93	18.92	18.93	19.50
		36	0	18.84	18.82	18.89	19.50
		36	18	18.89	18.86	18.89	19.50
		36	39	18.93	18.87	18.86	19.50
		75	0	18.87	18.82	18.86	19.50
	64QAM	1	0	18.84	18.95	18.87	19.50
		1	38	18.93	18.94	18.93	19.50
		1	74	18.94	18.83	18.92	19.50
		36	0	18.83	18.83	18.89	19.50
		36	18	18.81	18.83	18.88	19.50
		36	39	18.90	18.85	18.81	19.50
		75	0	18.94	18.85	18.89	19.50
	256QAM	1	0	17.86	17.95	17.88	18.50
		1	38	17.90	17.85	17.85	18.50
		1	74	17.93	17.92	17.93	18.50
		36	0	17.91	17.95	17.90	18.50
		36	18	17.91	17.87	17.87	18.50
		36	39	17.88	17.83	17.86	18.50
		75	0	17.88	17.88	17.91	18.50
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
20850					21100	21350	
20MHz	QPSK	1	0	18.84	18.99	18.89	19.50
		1	50	18.94	18.91	18.89	19.50
		1	99	18.82	18.85	18.91	19.50
		50	0	18.89	18.95	18.86	19.50
		50	25	18.86	18.84	18.91	19.50
		50	50	18.82	18.93	18.82	19.50
		100	0	18.88	18.89	18.82	19.50

	16QAM	1	0	18.82	18.89	18.84	19.50
		1	50	18.81	18.89	18.92	19.50
		1	99	18.89	18.90	18.93	19.50
		50	0	18.87	18.82	18.95	19.50
		50	25	18.89	18.90	18.94	19.50
		50	50	18.92	18.90	18.83	19.50
		100	0	18.85	18.85	18.92	19.50
	64QAM	1	0	18.91	18.83	18.82	19.50
		1	50	18.84	18.89	18.85	19.50
		1	99	18.87	18.90	18.89	19.50
		50	0	18.92	18.86	18.89	19.50
		50	25	18.82	18.82	18.92	19.50
		50	50	18.90	18.90	18.83	19.50
		100	0	18.85	18.82	18.82	19.50
	256QAM	1	0	17.92	17.85	17.84	18.50
		1	50	17.90	17.86	17.84	18.50
		1	99	17.93	17.89	17.81	18.50
		50	0	17.82	17.87	17.94	18.50
		50	25	17.91	17.82	17.84	18.50
		50	50	17.83	17.87	17.92	18.50
		100	0	17.94	17.91	17.84	18.50

LTE Band 7 Hotspot/Body(15mm/0mm) For ULCA				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20775	21100	21425	
5MHz	QPSK	1	0	17.84	17.77	17.84	18.50
		1	13	17.88	17.90	17.83	18.50
		1	24	17.87	17.88	17.82	18.50
		12	0	17.88	17.90	17.78	18.50
		12	6	17.83	17.84	17.81	18.50
		12	13	17.84	17.84	17.80	18.50
		25	0	17.87	17.80	17.81	18.50
	16QAM	1	0	17.84	17.87	17.80	18.50
		1	13	17.77	17.81	17.86	18.50
		1	24	17.79	17.82	17.81	18.50
		12	0	17.89	17.91	17.86	18.50
		12	6	17.90	17.81	17.82	18.50
		12	13	17.79	17.87	17.80	18.50
		25	0	17.84	17.86	17.90	18.50
	64QAM	1	0	17.89	17.86	17.83	18.50
		1	13	17.77	17.79	17.86	18.50
		1	24	17.82	17.86	17.88	18.50
		12	0	17.80	17.84	17.81	18.50
		12	6	17.80	17.91	17.88	18.50
		12	13	17.83	17.85	17.86	18.50
		25	0	17.80	17.82	17.84	18.50
	256QAM	1	0	17.86	17.82	17.88	18.50
		1	13	17.82	17.82	17.81	18.50
		1	24	17.88	17.80	17.86	18.50

		12	0	17.90	17.83	17.87	18.50
		12	6	17.85	17.87	17.87	18.50
		12	13	17.86	17.82	17.89	18.50
		25	0	17.77	17.85	17.85	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20800	21100	21400	
10MHz	QPSK	1	0	17.84	17.78	17.78	18.50
		1	25	17.89	17.86	17.87	18.50
		1	49	17.79	17.82	17.90	18.50
		25	0	17.80	17.79	17.78	18.50
		25	13	17.83	17.86	17.88	18.50
		25	25	17.88	17.85	17.79	18.50
		50	0	17.85	17.88	17.81	18.50
	16QAM	1	0	17.83	17.82	17.87	18.50
		1	25	17.86	17.85	17.87	18.50
		1	49	17.83	17.80	17.79	18.50
		25	0	17.87	17.79	17.85	18.50
		25	13	17.78	17.86	17.78	18.50
		25	25	17.85	17.83	17.82	18.50
		50	0	17.77	17.90	17.81	18.50
	64QAM	1	0	17.90	17.78	17.84	18.50
		1	25	17.84	17.80	17.84	18.50
		1	49	17.88	17.83	17.86	18.50
		25	0	17.88	17.87	17.83	18.50
		25	13	17.89	17.78	17.81	18.50
		25	25	17.80	17.80	17.87	18.50
		50	0	17.86	17.86	17.84	18.50
	256QAM	1	0	17.83	17.80	17.80	18.50
		1	25	17.89	17.84	17.85	18.50
		1	49	17.77	17.88	17.79	18.50
		25	0	17.87	17.90	17.80	18.50
		25	13	17.87	17.85	17.91	18.50
		25	25	17.81	17.80	17.88	18.50
		50	0	17.78	17.87	17.87	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20825	21100	21375	
15MHz	QPSK	1	0	17.85	17.80	17.89	18.50
		1	38	17.86	17.90	17.79	18.50
		1	74	17.84	17.77	17.84	18.50
		36	0	17.86	17.86	17.82	18.50
		36	18	17.84	17.87	17.89	18.50
		36	39	17.77	17.88	17.83	18.50
		75	0	17.86	17.88	17.90	18.50
	16QAM	1	0	17.78	17.84	17.79	18.50
		1	38	17.79	17.78	17.83	18.50
		1	74	17.87	17.80	17.88	18.50
		36	0	17.88	17.79	17.84	18.50
		36	18	17.78	17.82	17.83	18.50
		36	39	17.82	17.81	17.85	18.50
		75	0	17.82	17.83	17.87	18.50
	64QAM	1	0	17.77	17.89	17.90	18.50

		1	38	17.84	17.86	17.91	18.50
		1	74	17.90	17.82	17.88	18.50
		36	0	17.80	17.78	17.82	18.50
		36	18	17.90	17.88	17.88	18.50
		36	39	17.83	17.85	17.90	18.50
		75	0	17.79	17.86	17.87	18.50
	256QAM	1	0	17.88	17.81	17.85	18.50
		1	38	17.85	17.79	17.82	18.50
		1	74	17.78	17.87	17.90	18.50
		36	0	17.87	17.79	17.90	18.50
		36	18	17.84	17.88	17.81	18.50
		36	39	17.80	17.87	17.79	18.50
		75	0	17.89	17.87	17.83	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20850	21100	21350	
20MHz	QPSK	1	0	17.82	17.95	17.80	18.50
		1	50	17.82	17.89	17.84	18.50
		1	99	17.91	17.79	17.80	18.50
		50	0	17.79	17.88	17.78	18.50
		50	25	17.78	17.81	17.78	18.50
		50	50	17.82	17.82	17.81	18.50
		100	0	17.81	17.82	17.77	18.50
	16QAM	1	0	17.89	17.83	17.89	18.50
		1	50	17.82	17.78	17.82	18.50
		1	99	17.91	17.79	17.82	18.50
		50	0	17.90	17.86	17.88	18.50
		50	25	17.83	17.88	17.83	18.50
		50	50	17.83	17.80	17.86	18.50
		100	0	17.84	17.78	17.87	18.50
	64QAM	1	0	17.79	17.84	17.77	18.50
		1	50	17.86	17.84	17.78	18.50
		1	99	17.81	17.84	17.89	18.50
		50	0	17.88	17.85	17.82	18.50
		50	25	17.82	17.90	17.88	18.50
		50	50	17.81	17.86	17.81	18.50
		100	0	17.81	17.90	17.82	18.50
	256QAM	1	0	17.86	17.90	17.78	18.50
		1	50	17.85	17.77	17.88	18.50
		1	99	17.82	17.85	17.82	18.50
		50	0	17.83	17.86	17.78	18.50
		50	25	17.89	17.85	17.86	18.50
		50	50	17.81	17.85	17.84	18.50
		100	0	17.88	17.80	17.84	18.50

LTE Band 7 Hotspot For ULCA				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20775	21100	21425	
5MHz	QPSK	1	0	15.75	15.87	15.67	16.50
		1	13	15.74	15.77	15.78	16.50

		1	24	15.80	15.76	15.72	16.50
		12	0	15.67	15.79	15.69	16.50
		12	6	15.66	15.77	15.75	16.50
		12	13	15.69	15.74	15.77	16.50
		25	0	15.72	15.70	15.71	16.50
	16QAM	1	0	15.78	15.80	15.80	16.50
		1	13	15.76	15.74	15.71	16.50
		1	24	15.86	15.73	15.67	16.50
		12	0	15.84	15.73	15.81	16.50
		12	6	15.75	15.73	15.70	16.50
		12	13	15.80	15.76	15.76	16.50
		25	0	15.70	15.72	15.73	16.50
	64QAM	1	0	15.70	15.76	15.70	16.50
		1	13	15.80	15.75	15.74	16.50
		1	24	15.76	15.80	15.78	16.50
		12	0	15.76	15.81	15.68	16.50
		12	6	15.68	15.77	15.75	16.50
		12	13	15.74	15.75	15.68	16.50
		25	0	15.76	15.84	15.78	16.50
	256QAM	1	0	15.71	15.81	15.67	16.50
		1	13	15.70	15.69	15.75	16.50
		1	24	15.73	15.73	15.78	16.50
		12	0	15.71	15.75	15.67	16.50
		12	6	15.77	15.78	15.77	16.50
		12	13	15.70	15.73	15.78	16.50
		25	0	15.84	15.75	15.72	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20800	21100	21400	
10MHz	QPSK	1	0	15.76	15.92	15.68	16.50
		1	25	15.77	15.78	15.75	16.50
		1	49	15.84	15.75	15.74	16.50
		25	0	15.73	15.77	15.71	16.50
		25	13	15.67	15.68	15.67	16.50
		25	25	15.69	15.72	15.68	16.50
		50	0	15.73	15.69	15.73	16.50
	16QAM	1	0	15.77	15.71	15.77	16.50
		1	25	15.75	15.75	15.79	16.50
		1	49	15.81	15.72	15.71	16.50
		25	0	15.79	15.76	15.75	16.50
		25	13	15.79	15.83	15.71	16.50
		25	25	15.75	15.67	15.81	16.50
		50	0	15.70	15.69	15.82	16.50
	64QAM	1	0	15.65	15.80	15.65	16.50
		1	25	15.72	15.71	15.70	16.50
		1	49	15.75	15.81	15.85	16.50
		25	0	15.74	15.73	15.71	16.50
		25	13	15.75	15.77	15.76	16.50
		25	25	15.74	15.81	15.72	16.50
		50	0	15.67	15.83	15.67	16.50
	256QAM	1	0	15.72	15.87	15.74	16.50
		1	25	15.75	15.67	15.79	16.50

		1	49	15.70	15.80	15.69	16.50
		25	0	15.77	15.80	15.69	16.50
		25	13	15.80	15.72	15.82	16.50
		25	25	15.70	15.81	15.70	16.50
		50	0	15.76	15.73	15.69	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20825	21100	21375	
15MHz	QPSK	1	0	15.77	15.87	15.74	16.50
		1	38	15.77	15.82	15.74	16.50
		1	74	15.77	15.72	15.67	16.50
		36	0	15.68	15.79	15.72	16.50
		36	18	15.73	15.71	15.72	16.50
		36	39	15.79	15.69	15.69	16.50
		75	0	15.73	15.78	15.62	16.50
	16QAM	1	0	15.80	15.77	15.85	16.50
		1	38	15.78	15.70	15.69	16.50
		1	74	15.80	15.75	15.70	16.50
		36	0	15.80	15.83	15.75	16.50
		36	18	15.70	15.74	15.68	16.50
		36	39	15.77	15.74	15.73	16.50
		75	0	15.71	15.73	15.75	16.50
	64QAM	1	0	15.76	15.81	15.67	16.50
		1	38	15.79	15.78	15.65	16.50
		1	74	15.71	15.74	15.76	16.50
		36	0	15.73	15.78	15.77	16.50
		36	18	15.79	15.87	15.81	16.50
		36	39	15.75	15.74	15.73	16.50
		75	0	15.75	15.84	15.71	16.50
	256QAM	1	0	15.79	15.85	15.74	16.50
		1	38	15.81	15.67	15.76	16.50
		1	74	15.73	15.75	15.76	16.50
		36	0	15.76	15.81	15.71	16.50
		36	18	15.80	15.70	15.79	16.50
		36	39	15.72	15.80	15.73	16.50
		75	0	15.74	15.72	15.78	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20850	21100	21350	
20MHz	QPSK	1	0	15.77	16.01	15.77	16.50
		1	50	15.78	15.96	15.81	16.50
		1	99	15.93	15.82	15.80	16.50
		50	0	15.80	15.89	15.76	16.50
		50	25	15.75	15.82	15.75	16.50
		50	50	15.81	15.88	15.86	16.50
		100	0	15.83	15.83	15.73	16.50
	16QAM	1	0	15.85	15.89	15.94	16.50
		1	50	15.77	15.83	15.82	16.50
		1	99	15.91	15.82	15.86	16.50
		50	0	15.96	15.91	15.90	16.50
		50	25	15.85	15.94	15.87	16.50
		50	50	15.80	15.83	15.86	16.50
		100	0	15.87	15.80	15.90	16.50

	64QAM	1	0	15.84	15.83	15.78	16.50
		1	50	15.88	15.89	15.85	16.50
		1	99	15.77	15.83	15.89	16.50
		50	0	15.85	15.89	15.85	16.50
		50	25	15.85	15.91	15.89	16.50
		50	50	15.79	15.93	15.86	16.50
		100	0	15.84	15.95	15.78	16.50
	256QAM	1	0	15.83	15.94	15.74	16.50
		1	50	15.82	15.82	15.90	16.50
		1	99	15.89	15.89	15.80	16.50
		50	0	15.84	15.85	15.75	16.50
		50	25	15.93	15.92	15.89	16.50
		50	50	15.78	15.89	15.88	16.50
		100	0	15.93	15.87	15.88	16.50

LTE Band 38 Body(15mm/0mm)				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37775	38000	38225	
5MHz	QPSK	1	0	22.40	22.40	22.37	23.00
		1	13	22.41	22.29	22.37	23.00
		1	24	22.32	22.31	22.36	23.00
		12	0	21.31	21.30	21.35	22.00
		12	6	21.38	21.28	21.37	22.00
		12	13	21.38	21.34	21.29	22.00
		25	0	21.39	21.34	21.34	22.00
	16QAM	1	0	21.36	21.38	21.35	22.00
		1	13	21.33	21.32	21.32	22.00
		1	24	21.31	21.34	21.38	22.00
		12	0	20.32	20.35	20.36	21.00
		12	6	20.37	20.35	20.37	21.00
		12	13	20.35	20.34	20.37	21.00
		25	0	20.30	20.29	20.31	21.00
	64QAM	1	0	20.28	20.34	20.31	21.00
		1	13	20.32	20.30	20.31	21.00
		1	24	20.31	20.28	20.40	21.00
		12	0	19.30	19.37	19.40	20.00
		12	6	19.35	19.32	19.34	20.00
		12	13	19.32	19.37	19.35	20.00
		25	0	19.29	19.38	19.38	20.00
	256QAM	1	0	17.29	17.29	17.38	18.00
		1	13	17.31	17.27	17.31	18.00
		1	24	17.31	17.35	17.36	18.00
		12	0	17.31	17.39	17.37	18.00
		12	6	17.28	17.36	17.39	18.00
		12	13	17.32	17.34	17.40	18.00
		25	0	17.40	17.32	17.41	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37800	38000	38200	
10MHz	QPSK	1	0	22.28	22.35	22.36	23.00

		1	25	22.32	22.30	22.34	23.00
		1	49	22.27	22.29	22.38	23.00
		25	0	21.30	21.28	21.27	22.00
		25	13	21.39	21.33	21.35	22.00
		25	25	21.36	21.35	21.32	22.00
		50	0	21.39	21.35	21.34	22.00
	16QAM	1	0	21.37	21.36	21.35	22.00
		1	25	21.33	21.34	21.35	22.00
		1	49	21.38	21.38	21.40	22.00
		25	0	20.30	20.41	20.32	21.00
		25	13	20.30	20.33	20.35	21.00
		25	25	20.29	20.38	20.28	21.00
		50	0	20.28	20.36	20.41	21.00
	64QAM	1	0	20.39	20.40	20.32	21.00
		1	25	20.41	20.32	20.39	21.00
		1	49	20.33	20.37	20.28	21.00
		25	0	19.29	19.29	19.33	20.00
		25	13	19.35	19.28	19.30	20.00
		25	25	19.30	19.28	19.30	20.00
		50	0	19.36	19.35	19.28	20.00
	256QAM	1	0	17.39	17.33	17.32	18.00
		1	25	17.30	17.41	17.31	18.00
		1	49	17.40	17.33	17.37	18.00
		25	0	17.32	17.38	17.30	18.00
		25	13	17.39	17.39	17.33	18.00
		25	25	17.41	17.27	17.31	18.00
		50	0	17.30	17.34	17.37	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37825	38000	38175	
15MHz	QPSK	1	0	22.36	22.29	22.29	23.00
		1	38	22.28	22.29	22.38	23.00
		1	74	22.39	22.31	22.35	23.00
		36	0	21.31	21.33	21.40	22.00
		36	18	21.29	21.38	21.29	22.00
		36	39	21.33	21.30	21.32	22.00
		75	0	21.31	21.33	21.33	22.00
	16QAM	1	0	21.27	21.40	21.30	22.00
		1	38	21.28	21.28	21.36	22.00
		1	74	21.30	21.39	21.38	22.00
		36	0	20.34	20.31	20.34	21.00
		36	18	20.37	20.35	20.37	21.00
		36	39	20.40	20.29	20.35	21.00
		75	0	20.40	20.34	20.30	21.00
	64QAM	1	0	20.29	20.32	20.27	21.00
		1	38	20.40	20.29	20.40	21.00
		1	74	20.31	20.34	20.35	21.00
		36	0	19.31	19.38	19.35	20.00
		36	18	19.29	19.40	19.32	20.00
		36	39	19.28	19.31	19.39	20.00
		75	0	19.38	19.35	19.38	20.00
	256QAM	1	0	17.36	17.39	17.32	18.00

		1	38	17.37	17.28	17.33	18.00
		1	74	17.28	17.33	17.37	18.00
		36	0	17.36	17.34	17.30	18.00
		36	18	17.39	17.29	17.35	18.00
		36	39	17.31	17.34	17.31	18.00
		75	0	17.39	17.29	17.28	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37850	38000	38150	
20MHz	QPSK	1	0	22.31	22.48	22.36	23.00
		1	50	22.40	22.35	22.30	23.00
		1	99	22.40	22.38	22.37	23.00
		50	0	21.33	21.41	21.34	22.00
		50	25	21.33	21.33	21.40	22.00
		50	50	21.32	21.39	21.36	22.00
		100	0	21.31	21.35	21.34	22.00
	16QAM	1	0	21.34	21.36	21.35	22.00
		1	50	21.31	21.40	21.33	22.00
		1	99	21.33	21.34	21.38	22.00
		50	0	20.32	20.31	20.39	21.00
		50	25	20.41	20.36	20.40	21.00
		50	50	20.31	20.28	20.29	21.00
		100	0	20.40	20.29	20.30	21.00
	64QAM	1	0	20.36	20.41	20.38	21.00
		1	50	20.36	20.40	20.38	21.00
		1	99	20.33	20.35	20.32	21.00
		50	0	19.30	19.34	19.40	20.00
		50	25	19.35	19.41	19.31	20.00
		50	50	19.34	19.33	19.29	20.00
		100	0	19.33	19.35	19.40	20.00
	256QAM	1	0	17.36	17.33	17.39	18.00
		1	50	17.32	17.29	17.32	18.00
		1	99	17.33	17.39	17.27	18.00
		50	0	17.31	17.32	17.40	18.00
		50	25	17.41	17.37	17.34	18.00
		50	50	17.38	17.31	17.31	18.00
		100	0	17.37	17.35	17.27	18.00

LTE Band 38 Head				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37775	38000	38225	
5MHz	QPSK	1	0	18.36	18.34	18.35	19.00
		1	13	18.37	18.37	18.29	19.00
		1	24	18.40	18.38	18.40	19.00
		12	0	18.38	18.39	18.30	19.00
		12	6	18.35	18.28	18.30	19.00
		12	13	18.38	18.40	18.32	19.00
		25	0	18.40	18.40	18.39	19.00
	16QAM	1	0	18.38	18.38	18.31	19.00
		1	13	18.40	18.35	18.32	19.00

		1	24	18.27	18.29	18.29	19.00
		12	0	18.32	18.40	18.37	19.00
		12	6	18.27	18.36	18.34	19.00
		12	13	18.39	18.34	18.34	19.00
		25	0	18.39	18.32	18.41	19.00
	64QAM	1	0	18.36	18.30	18.39	19.00
		1	13	18.40	18.35	18.32	19.00
		1	24	18.38	18.37	18.32	19.00
		12	0	18.31	18.39	18.28	19.00
		12	6	18.36	18.30	18.40	19.00
		12	13	18.31	18.36	18.33	19.00
		25	0	18.29	18.36	18.32	19.00
	256QAM	1	0	17.27	17.39	17.38	18.00
		1	13	17.34	17.39	17.30	18.00
		1	24	17.29	17.40	17.39	18.00
		12	0	17.36	17.40	17.31	18.00
		12	6	17.40	17.38	17.30	18.00
		12	13	17.40	17.33	17.28	18.00
		25	0	17.31	17.32	17.38	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37800	38000	38200	
10MHz	QPSK	1	0	18.36	18.37	18.30	19.00
		1	25	18.36	18.35	18.27	19.00
		1	49	18.29	18.40	18.35	19.00
		25	0	18.27	18.31	18.29	19.00
		25	13	18.29	18.38	18.29	19.00
		25	25	18.28	18.28	18.34	19.00
		50	0	18.27	18.38	18.27	19.00
	16QAM	1	0	18.37	18.32	18.39	19.00
		1	25	18.38	18.32	18.34	19.00
		1	49	18.27	18.38	18.37	19.00
		25	0	18.31	18.36	18.41	19.00
		25	13	18.38	18.36	18.37	19.00
		25	25	18.35	18.32	18.28	19.00
		50	0	18.36	18.29	18.28	19.00
	64QAM	1	0	18.38	18.35	18.33	19.00
		1	25	18.28	18.31	18.31	19.00
		1	49	18.28	18.29	18.38	19.00
		25	0	18.34	18.36	18.38	19.00
		25	13	18.34	18.31	18.31	19.00
		25	25	18.32	18.29	18.40	19.00
		50	0	18.29	18.38	18.34	19.00
	256QAM	1	0	17.37	17.34	17.27	18.00
		1	25	17.36	17.31	17.30	18.00
		1	49	17.40	17.36	17.36	18.00
		25	0	17.32	17.33	17.36	18.00
		25	13	17.29	17.31	17.28	18.00
		25	25	17.34	17.38	17.35	18.00
		50	0	17.34	17.40	17.40	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37825	38000	38175	

15MHz	QPSK	1	0	18.30	18.30	18.29	19.00
		1	38	18.39	18.32	18.27	19.00
		1	74	18.31	18.35	18.28	19.00
		36	0	18.30	18.30	18.29	19.00
		36	18	18.30	18.31	18.35	19.00
		36	39	18.40	18.34	18.33	19.00
		75	0	18.31	18.32	18.36	19.00
	16QAM	1	0	18.35	18.30	18.41	19.00
		1	38	18.33	18.27	18.30	19.00
		1	74	18.37	18.40	18.31	19.00
		36	0	18.29	18.31	18.37	19.00
		36	18	18.37	18.33	18.33	19.00
		36	39	18.35	18.30	18.38	19.00
		75	0	18.34	18.31	18.36	19.00
	64QAM	1	0	18.31	18.35	18.38	19.00
		1	38	18.38	18.39	18.34	19.00
		1	74	18.32	18.29	18.36	19.00
		36	0	18.41	18.40	18.32	19.00
		36	18	18.34	18.37	18.32	19.00
		36	39	18.36	18.28	18.29	19.00
		75	0	18.33	18.30	18.35	19.00
	256QAM	1	0	17.34	17.38	17.30	18.00
		1	38	17.35	17.30	17.28	18.00
		1	74	17.37	17.32	17.40	18.00
		36	0	17.40	17.33	17.40	18.00
		36	18	17.37	17.32	17.36	18.00
		36	39	17.35	17.40	17.33	18.00
		75	0	17.34	17.38	17.27	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37850	38000	38150	
20MHz	QPSK	1	0	18.34	18.57	18.33	19.00
		1	50	18.35	18.38	18.33	19.00
		1	99	18.31	18.33	18.41	19.00
		50	0	18.27	18.38	18.35	19.00
		50	25	18.35	18.37	18.28	19.00
		50	50	18.34	18.32	18.34	19.00
		100	0	18.31	18.36	18.32	19.00
	16QAM	1	0	18.28	18.33	18.37	19.00
		1	50	18.40	18.29	18.31	19.00
		1	99	18.33	18.39	18.35	19.00
		50	0	18.29	18.32	18.35	19.00
		50	25	18.40	18.32	18.30	19.00
		50	50	18.37	18.32	18.39	19.00
		100	0	18.27	18.34	18.37	19.00
	64QAM	1	0	18.40	18.30	18.36	19.00
		1	50	18.27	18.28	18.35	19.00
		1	99	18.28	18.30	18.30	19.00
		50	0	18.29	18.37	18.30	19.00
		50	25	18.40	18.35	18.29	19.00
		50	50	18.41	18.41	18.31	19.00
		100	0	18.28	18.34	18.41	19.00

	256QAM	1	0	17.28	17.40	17.32	18.00
		1	50	17.37	17.35	17.40	18.00
		1	99	17.33	17.35	17.35	18.00
		50	0	17.39	17.38	17.30	18.00
		50	25	17.30	17.35	17.29	18.00
		50	50	17.36	17.38	17.40	18.00
		100	0	17.36	17.29	17.28	18.00

LTE Band 38 Hotspot				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37775	38000	38225	
5MHz	QPSK	1	0	19.79	19.86	19.84	20.50
		1	13	19.83	19.87	19.83	20.50
		1	24	19.80	19.84	19.84	20.50
		12	0	19.85	19.78	19.88	20.50
		12	6	19.84	19.90	19.85	20.50
		12	13	19.91	19.80	19.83	20.50
		25	0	19.86	19.88	19.78	20.50
	16QAM	1	0	19.90	19.86	19.79	20.50
		1	13	19.89	19.81	19.79	20.50
		1	24	19.85	19.85	19.90	20.50
		12	0	19.85	19.84	19.79	20.50
		12	6	19.88	19.85	19.78	20.50
		12	13	19.89	19.81	19.78	20.50
		25	0	19.86	19.78	19.82	20.50
	64QAM	1	0	19.82	19.79	19.88	20.50
		1	13	19.82	19.83	19.80	20.50
		1	24	19.86	19.80	19.90	20.50
		12	0	19.36	19.34	19.36	20.00
		12	6	19.40	19.29	19.30	20.00
		12	13	19.38	19.31	19.30	20.00
		25	0	19.31	19.37	19.35	20.00
	256QAM	1	0	17.34	17.41	17.33	18.00
		1	13	17.33	17.28	17.40	18.00
		1	24	17.32	17.41	17.33	18.00
		12	0	17.27	17.31	17.36	18.00
		12	6	17.37	17.32	17.29	18.00
		12	13	17.36	17.29	17.39	18.00
		25	0	17.37	17.38	17.36	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37800	38000	38200	
10MHz	QPSK	1	0	19.81	19.90	19.82	20.50
		1	25	19.86	19.84	19.86	20.50
		1	49	19.80	19.88	19.84	20.50
		25	0	19.84	19.90	19.91	20.50
		25	13	19.82	19.83	19.83	20.50
		25	25	19.86	19.89	19.78	20.50
		50	0	19.80	19.90	19.84	20.50
	16QAM	1	0	19.87	19.80	19.86	20.50

		1	25	19.86	19.77	19.82	20.50
		1	49	19.90	19.84	19.89	20.50
		25	0	19.86	19.90	19.79	20.50
		25	13	19.85	19.85	19.87	20.50
		25	25	19.80	19.78	19.87	20.50
		50	0	19.83	19.79	19.90	20.50
	64QAM	1	0	19.89	19.78	19.89	20.50
		1	25	19.84	19.89	19.85	20.50
		1	49	19.84	19.87	19.88	20.50
		25	0	19.39	19.38	19.39	20.00
		25	13	19.33	19.39	19.28	20.00
		25	25	19.32	19.28	19.32	20.00
	256QAM	50	0	19.40	19.30	19.32	20.00
		1	0	17.32	17.39	17.33	18.00
		1	25	17.40	17.34	17.38	18.00
		1	49	17.30	17.35	17.29	18.00
		25	0	17.35	17.36	17.35	18.00
		25	13	17.29	17.38	17.37	18.00
		25	25	17.32	17.28	17.40	18.00
		50	0	17.29	17.28	17.37	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37825	38000	38175	
15MHz	QPSK	1	0	19.80	19.80	19.80	20.50
		1	38	19.85	19.83	19.79	20.50
		1	74	19.87	19.90	19.77	20.50
		36	0	19.80	19.78	19.83	20.50
		36	18	19.78	19.82	19.90	20.50
		36	39	19.87	19.81	19.81	20.50
		75	0	19.83	19.86	19.90	20.50
	16QAM	1	0	19.86	19.84	19.78	20.50
		1	38	19.90	19.87	19.88	20.50
		1	74	19.77	19.87	19.81	20.50
		36	0	19.86	19.91	19.89	20.50
		36	18	19.90	19.80	19.81	20.50
		36	39	19.78	19.87	19.86	20.50
		75	0	19.86	19.83	19.87	20.50
	64QAM	1	0	19.80	19.86	19.84	20.50
		1	38	19.89	19.91	19.87	20.50
		1	74	19.83	19.86	19.79	20.50
		36	0	19.32	19.37	19.38	20.00
		36	18	19.33	19.31	19.39	20.00
		36	39	19.29	19.36	19.34	20.00
		75	0	19.27	19.32	19.27	20.00
	256QAM	1	0	17.30	17.39	17.41	18.00
		1	38	17.41	17.40	17.34	18.00
		1	74	17.38	17.35	17.32	18.00
		36	0	17.29	17.34	17.39	18.00
		36	18	17.33	17.33	17.34	18.00
		36	39	17.34	17.37	17.41	18.00
		75	0	17.28	17.38	17.28	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up

				37850	38000	38150	
20MHz	QPSK	1	0	19.83	20.08	19.84	20.50
		1	50	19.90	19.89	19.86	20.50
		1	99	19.77	19.77	19.82	20.50
		50	0	19.84	19.90	19.80	20.50
		50	25	19.84	19.78	19.90	20.50
		50	50	19.85	19.87	19.78	20.50
		100	0	19.81	19.89	19.78	20.50
	16QAM	1	0	19.78	19.88	19.88	20.50
		1	50	19.88	19.87	19.77	20.50
		1	99	19.80	19.88	19.91	20.50
		50	0	19.85	19.90	19.91	20.50
		50	25	19.90	19.90	19.80	20.50
		50	50	19.83	19.88	19.83	20.50
		100	0	19.89	19.78	19.85	20.50
	64QAM	1	0	19.79	19.79	19.82	20.50
		1	50	19.87	19.88	19.88	20.50
		1	99	19.78	19.84	19.91	20.50
		50	0	19.40	19.30	19.31	20.00
		50	25	19.34	19.35	19.29	20.00
		50	50	19.29	19.40	19.37	20.00
		100	0	19.37	19.30	19.33	20.00
	256QAM	1	0	17.36	17.29	17.37	18.00
		1	50	17.31	17.27	17.37	18.00
		1	99	17.33	17.37	17.34	18.00
		50	0	17.37	17.31	17.33	18.00
		50	25	17.30	17.34	17.29	18.00
		50	50	17.35	17.35	17.33	18.00
		100	0	17.31	17.36	17.29	18.00

LTE Band 41 Head				Conducted Power(dBm)					
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
5MHz	QPSK	1	0	39675	40148	40620	41093	41565	15.50
		1	13	15.30	15.28	15.25	15.21	15.27	15.50
		1	24	15.33	15.21	15.23	15.25	15.30	15.50
		12	0	15.26	15.25	15.26	15.26	15.32	15.50
		12	6	15.27	15.31	15.33	15.33	15.33	15.50
		12	13	15.27	15.28	15.29	15.30	15.32	15.50
		12	13	15.33	15.31	15.30	15.22	15.32	15.50
	16QAM	25	0	15.26	15.28	15.33	15.31	15.34	15.50
		1	0	15.27	15.30	15.30	15.33	15.23	15.50
		1	13	15.33	15.30	15.31	15.22	15.30	15.50
		1	24	15.22	15.33	15.30	15.27	15.22	15.50
		12	0	15.33	15.33	15.25	15.26	15.21	15.50
		12	6	15.31	15.23	15.31	15.25	15.27	15.50
		12	13	15.31	15.24	15.34	15.31	15.25	15.50
	64QAM	25	0	15.29	15.26	15.26	15.26	15.21	15.50
		1	0	15.29	15.34	15.27	15.29	15.29	15.50
		1	13	15.33	15.24	15.33	15.30	15.26	15.50

		1	24	15.34	15.27	15.30	15.34	15.27	15.50
		12	0	15.26	15.25	15.30	15.30	15.22	15.50
		12	6	15.27	15.28	15.29	15.28	15.26	15.50
		12	13	15.34	15.31	15.31	15.31	15.29	15.50
		25	0	15.30	15.28	15.25	15.29	15.28	15.50
	256QAM	1	0	15.32	15.26	15.29	15.24	15.34	15.50
		1	13	15.25	15.21	15.25	15.25	15.31	15.50
		1	24	15.24	15.26	15.28	15.30	15.28	15.50
		12	0	15.24	15.34	15.29	15.34	15.24	15.50
		12	6	15.30	15.31	15.27	15.22	15.27	15.50
		12	13	15.23	15.32	15.24	15.27	15.26	15.50
		25	0	15.27	15.28	15.22	15.22	15.32	15.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39700	40160	40620	41080	41540	
10MHz	QPSK	1	0	15.33	15.27	15.31	15.27	15.26	15.50
		1	25	15.25	15.34	15.32	15.30	15.31	15.50
		1	49	15.32	15.33	15.27	15.33	15.31	15.50
		25	0	15.22	15.27	15.32	15.26	15.29	15.50
		25	13	15.25	15.27	15.30	15.22	15.24	15.50
		25	25	15.30	15.21	15.34	15.29	15.35	15.50
		50	0	15.35	15.31	15.24	15.26	15.26	15.50
	16QAM	1	0	15.22	15.34	15.30	15.26	15.32	15.50
		1	25	15.33	15.34	15.33	15.31	15.33	15.50
		1	49	15.33	15.33	15.21	15.33	15.31	15.50
		25	0	15.34	15.23	15.29	15.27	15.33	15.50
		25	13	15.21	15.33	15.23	15.25	15.34	15.50
		25	25	15.34	15.34	15.35	15.28	15.33	15.50
		50	0	15.28	15.31	15.27	15.32	15.22	15.50
	64QAM	1	0	15.32	15.25	15.22	15.23	15.26	15.50
		1	25	15.30	15.29	15.29	15.27	15.22	15.50
		1	49	15.29	15.33	15.33	15.25	15.24	15.50
		25	0	15.33	15.22	15.31	15.27	15.33	15.50
		25	13	15.29	15.35	15.27	15.21	15.24	15.50
		25	25	15.35	15.28	15.32	15.26	15.27	15.50
		50	0	15.31	15.32	15.23	15.29	15.35	15.50
	256QAM	1	0	15.23	15.29	15.30	15.26	15.29	15.50
		1	25	15.24	15.29	15.32	15.22	15.24	15.50
		1	49	15.24	15.32	15.26	15.22	15.35	15.50
		25	0	15.25	15.29	15.26	15.22	15.23	15.50
		25	13	15.34	15.35	15.30	15.22	15.22	15.50
		25	25	15.21	15.32	15.23	15.23	15.31	15.50
		50	0	15.28	15.30	15.30	15.32	15.26	15.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39725	40173	40620	41068	41515	
15MHz	QPSK	1	0	15.35	15.32	15.35	15.32	15.33	15.50
		1	38	15.33	15.30	15.21	15.31	15.35	15.50
		1	74	15.26	15.26	15.25	15.22	15.23	15.50
		36	0	15.35	15.27	15.31	15.22	15.30	15.50
		36	18	15.28	15.27	15.30	15.24	15.21	15.50
		36	39	15.24	15.27	15.23	15.30	15.30	15.50
		75	0	15.28	15.26	15.33	15.24	15.24	15.50

	16QAM	1	0	15.35	15.28	15.34	15.24	15.33	15.50
		1	38	15.30	15.25	15.33	15.23	15.23	15.50
		1	74	15.27	15.25	15.24	15.23	15.32	15.50
		36	0	15.34	15.30	15.23	15.29	15.26	15.50
		36	18	15.22	15.21	15.33	15.32	15.24	15.50
		36	39	15.30	15.33	15.29	15.29	15.24	15.50
		75	0	15.28	15.29	15.26	15.30	15.22	15.50
	64QAM	1	0	15.22	15.22	15.30	15.25	15.31	15.50
		1	38	15.21	15.27	15.26	15.32	15.30	15.50
		1	74	15.29	15.31	15.31	15.28	15.31	15.50
		36	0	15.31	15.29	15.21	15.23	15.30	15.50
		36	18	15.31	15.27	15.33	15.34	15.33	15.50
		36	39	15.33	15.32	15.24	15.31	15.33	15.50
		75	0	15.29	15.30	15.23	15.24	15.33	15.50
	256QAM	1	0	15.31	15.30	15.34	15.25	15.33	15.50
		1	38	15.23	15.34	15.30	15.22	15.28	15.50
		1	74	15.34	15.33	15.27	15.35	15.22	15.50
		36	0	15.28	15.22	15.22	15.29	15.29	15.50
		36	18	15.28	15.27	15.27	15.33	15.33	15.50
		36	39	15.23	15.29	15.29	15.23	15.24	15.50
		75	0	15.32	15.24	15.31	15.28	15.27	15.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39750	40185	40620	41055	41490	
20MHz	QPSK	1	0	15.26	15.22	15.39	15.29	15.27	15.50
		1	50	15.32	15.30	15.25	15.32	15.30	15.50
		1	99	15.22	15.33	15.32	15.32	15.32	15.50
		50	0	15.35	15.29	15.36	15.24	15.29	15.50
		50	25	15.28	15.23	15.34	15.31	15.27	15.50
		50	50	15.30	15.30	15.30	15.28	15.33	15.50
	16QAM	100	0	15.33	15.29	15.35	15.34	15.27	15.50
		1	0	15.22	15.34	15.26	15.25	15.30	15.50
		1	50	15.23	15.34	15.31	15.30	15.34	15.50
		1	99	15.33	15.28	15.25	15.31	15.25	15.50
		50	0	15.29	15.34	15.34	15.35	15.33	15.50
		50	25	15.21	15.34	15.25	15.22	15.31	15.50
	64QAM	50	50	15.32	15.34	15.26	15.22	15.25	15.50
		100	0	15.29	15.34	15.24	15.24	15.34	15.50
		1	0	15.30	15.34	15.29	15.26	15.24	15.50
		1	50	15.29	15.32	15.34	15.27	15.22	15.50
		1	99	15.23	15.30	15.34	15.32	15.33	15.50
		50	0	15.28	15.35	15.23	15.33	15.33	15.50
	256QAM	50	25	15.34	15.30	15.23	15.34	15.23	15.50
		50	50	15.22	15.26	15.26	15.25	15.29	15.50
		100	0	15.34	15.25	15.29	15.32	15.35	15.50
		1	0	15.24	15.35	15.26	15.29	15.27	15.50
		1	50	15.34	15.22	15.28	15.28	15.21	15.50
		1	99	15.21	15.27	15.29	15.33	15.28	15.50
		50	0	15.31	15.33	15.29	15.25	15.25	15.50
		50	25	15.23	15.28	15.32	15.27	15.27	15.50
		50	50	15.27	15.23	15.30	15.34	15.33	15.50
		100	0	15.25	15.22	15.31	15.32	15.34	15.50

LTE Band 41 Body(15mm/0mm)				Conducted Power(dBm)					
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39675	40148	40620	41093	41565	
5MHz	QPSK	1	0	19.92	19.97	20.03	19.88	19.88	20.50
		1	13	19.91	19.92	19.94	19.99	19.94	20.50
		1	24	19.91	19.95	20.07	20.05	19.93	20.50
		12	0	19.99	19.95	19.96	19.91	19.86	20.50
		12	6	19.94	19.98	19.94	20.00	19.92	20.50
		12	13	19.97	19.99	19.93	20.05	19.97	20.50
		25	0	20.03	20.03	20.06	19.99	20.03	20.50
	16QAM	1	0	19.91	19.94	19.96	19.99	20.01	20.50
		1	13	19.91	19.90	19.98	20.01	19.97	20.50
		1	24	19.90	19.99	19.88	20.04	19.85	20.50
		12	0	20.03	19.92	20.04	19.98	20.04	20.50
		12	6	19.99	19.92	19.94	19.91	20.04	20.50
		12	13	19.95	19.92	19.86	20.00	19.98	20.50
		25	0	19.97	19.95	19.91	19.94	19.91	20.50
	64QAM	1	0	19.93	20.04	19.95	19.99	19.89	20.50
		1	13	19.93	20.09	19.99	19.91	20.00	20.50
		1	24	19.98	19.87	19.87	20.03	20.01	20.50
		12	0	19.49	19.51	19.52	19.47	19.36	20.00
		12	6	19.44	19.47	19.46	19.49	19.39	20.00
		12	13	19.40	19.43	19.41	19.34	19.50	20.00
		25	0	19.57	19.41	19.43	19.48	19.50	20.00
	256QAM	1	0	17.57	17.44	17.51	17.45	17.45	18.00
		1	13	17.52	17.43	17.39	17.40	17.45	18.00
		1	24	17.51	17.52	17.58	17.47	17.56	18.00
		12	0	17.41	17.45	17.48	17.46	17.53	18.00
		12	6	17.42	17.50	17.44	17.48	17.46	18.00
		12	13	17.40	17.41	17.40	17.40	17.45	18.00
		25	0	17.56	17.52	17.51	17.35	17.41	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39700	40160	40620	41080	41540	
10MHz	QPSK	1	0	19.95	19.95	19.93	19.89	19.92	20.50
		1	25	20.00	19.95	19.99	19.94	20.03	20.50
		1	49	19.99	19.91	20.05	20.03	19.91	20.50
		25	0	20.00	19.95	19.97	19.99	19.86	20.50
		25	13	19.90	19.98	19.93	19.92	20.05	20.50
		25	25	19.97	20.04	19.99	19.98	20.04	20.50
		50	0	19.97	19.95	20.08	20.03	19.95	20.50
	16QAM	1	0	20.01	20.05	19.96	19.95	20.00	20.50
		1	25	20.01	19.97	19.97	19.96	20.03	20.50
		1	49	19.92	19.92	19.93	20.00	19.85	20.50
		25	0	20.00	19.90	19.98	19.92	19.97	20.50
		25	13	19.95	19.85	19.98	20.00	20.02	20.50
		25	25	20.04	19.96	19.92	19.91	20.03	20.50
		50	0	19.90	19.97	20.00	19.89	19.99	20.50
	64QAM	1	0	20.00	19.94	19.88	19.93	20.00	20.50
		1	25	20.03	20.01	19.89	20.02	20.03	20.50

		1	49	19.92	19.95	19.97	20.04	20.00	20.50	
		25	0	19.40	19.53	19.49	19.46	19.40	20.00	
		25	13	19.38	19.37	19.51	19.52	19.42	20.00	
		25	25	19.36	19.41	19.37	19.33	19.52	20.00	
		50	0	19.51	19.47	19.48	19.38	19.44	20.00	
	256QAM	1	0	17.54	17.49	17.44	17.35	17.47	18.00	
		1	25	17.58	17.39	17.46	17.43	17.55	18.00	
		1	49	17.44	17.47	17.51	17.50	17.46	18.00	
		25	0	17.40	17.47	17.51	17.47	17.56	18.00	
		25	13	17.42	17.45	17.49	17.44	17.52	18.00	
		25	25	17.43	17.45	17.34	17.51	17.37	18.00	
	50	0	17.55	17.50	17.52	17.39	17.41	18.00		
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up	
				39725	40173	40620	41068	41515		
15MHz	QPSK	1	0	19.92	19.86	20.00	19.97	19.87	20.50	
		1	38	20.01	19.88	20.02	19.95	20.00	20.50	
		1	74	19.92	19.98	20.09	19.96	19.99	20.50	
		36	0	19.95	19.93	19.98	19.99	19.89	20.50	
		36	18	19.84	20.01	19.86	20.00	20.01	20.50	
		36	39	19.98	19.95	19.98	20.01	20.03	20.50	
		75	0	20.00	20.02	19.98	20.03	19.94	20.50	
	16QAM	1	0	19.97	19.98	19.99	20.03	20.03	20.50	
		1	38	19.94	19.95	19.98	19.98	20.01	20.50	
		1	74	19.92	20.01	19.95	20.02	19.92	20.50	
		36	0	20.00	19.98	20.00	19.99	20.05	20.50	
		36	18	19.91	19.93	20.01	19.99	20.03	20.50	
		36	39	20.04	19.86	19.92	19.93	20.08	20.50	
		75	0	19.96	19.93	19.96	20.01	19.96	20.50	
	64QAM	1	0	20.00	20.01	19.91	20.02	19.97	20.50	
		1	38	20.01	19.98	19.92	19.92	19.93	20.50	
		1	74	20.03	19.91	19.90	20.03	19.96	20.50	
		36	0	19.43	19.59	19.45	19.47	19.35	20.00	
		36	18	19.38	19.37	19.43	19.55	19.41	20.00	
		36	39	19.42	19.51	19.46	19.35	19.54	20.00	
		75	0	19.50	19.42	19.43	19.48	19.47	20.00	
	256QAM	1	0	17.55	17.44	17.45	17.43	17.42	18.00	
		1	38	17.59	17.47	17.39	17.49	17.57	18.00	
		1	74	17.49	17.53	17.46	17.51	17.47	18.00	
		36	0	17.45	17.43	17.52	17.41	17.50	18.00	
		36	18	17.50	17.40	17.43	17.45	17.50	18.00	
		36	39	17.45	17.33	17.45	17.39	17.37	18.00	
		75	0	17.57	17.48	17.39	17.36	17.44	18.00	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
					39750	40185	40620	41055	41490	
	20MHz	QPSK	1	0	19.91	19.95	20.22	19.90	19.95	20.50
			1	50	19.92	19.88	19.95	20.02	19.92	20.50
1			99	19.99	19.91	19.95	20.05	20.03	20.50	
50			0	19.92	19.93	20.09	19.97	19.90	20.50	
50			25	19.86	20.07	19.96	19.90	20.00	20.50	
50			50	19.92	19.98	19.90	19.99	19.97	20.50	
100			0	20.02	20.05	20.07	20.01	19.99	20.50	

	16QAM	1	0	19.95	19.98	19.91	20.00	20.08	20.50
		1	50	20.02	19.85	20.00	20.00	20.00	20.50
		1	99	19.89	19.93	19.93	19.98	19.90	20.50
		50	0	19.98	19.98	19.95	19.92	19.94	20.50
		50	25	19.93	19.90	19.91	19.92	20.04	20.50
		50	50	19.95	19.91	19.97	20.00	19.98	20.50
		100	0	19.89	19.90	20.02	19.91	20.00	20.50
	64QAM	1	0	19.89	19.95	19.96	20.04	19.97	20.50
		1	50	19.97	20.06	19.95	19.93	19.98	20.50
		1	99	19.97	19.97	19.92	20.04	20.02	20.50
		50	0	19.49	19.50	19.52	19.49	19.48	20.00
		50	25	19.33	19.40	19.47	19.47	19.41	20.00
		50	50	19.35	19.43	19.43	19.38	19.55	20.00
		100	0	19.55	19.42	19.46	19.35	19.41	20.00
	256QAM	1	0	17.58	17.50	17.52	17.43	17.44	18.00
		1	50	17.45	17.39	17.47	17.46	17.44	18.00
		1	99	17.51	17.46	17.48	17.52	17.46	18.00
		50	0	17.45	17.40	17.47	17.47	17.53	18.00
		50	25	17.42	17.41	17.48	17.43	17.41	18.00
		50	50	17.39	17.38	17.40	17.44	17.47	18.00
		100	0	17.49	17.49	17.43	17.47	17.47	18.00

LTE Band 41 Hotspot				Conducted Power(dBm)					
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39675	40148	40620	41093	41565	
5MHz	QPSK	1	0	18.57	18.51	18.45	18.46	18.41	19.00
		1	13	18.47	18.46	18.46	18.42	18.32	19.00
		1	24	18.46	18.53	18.42	18.57	18.48	19.00
		12	0	18.37	18.41	18.56	18.48	18.37	19.00
		12	6	18.38	18.49	18.57	18.46	18.53	19.00
		12	13	18.40	18.43	18.42	18.45	18.55	19.00
		25	0	18.44	18.50	18.49	18.56	18.46	19.00
	16QAM	1	0	18.55	18.58	18.57	18.45	18.45	19.00
		1	13	18.50	18.44	18.50	18.32	18.48	19.00
		1	24	18.43	18.46	18.46	18.46	18.46	19.00
		12	0	18.52	18.44	18.49	18.36	18.52	19.00
		12	6	18.45	18.50	18.49	18.51	18.50	19.00
		12	13	18.54	18.48	18.48	18.55	18.54	19.00
		25	0	18.48	18.44	18.48	18.50	18.47	19.00
	64QAM	1	0	18.46	18.46	18.41	18.38	18.58	19.00
		1	13	18.40	18.49	18.37	18.38	18.55	19.00
		1	24	18.53	18.45	18.48	18.46	18.38	19.00
		12	0	18.43	18.37	18.53	18.51	18.41	19.00
		12	6	18.45	18.39	18.42	18.46	18.42	19.00
		12	13	18.45	18.45	18.55	18.42	18.56	19.00
		25	0	18.40	18.48	18.49	18.37	18.48	19.00
	256QAM	1	0	17.43	17.45	17.51	17.54	17.39	18.00
		1	13	17.49	17.51	17.47	17.38	17.35	18.00
		1	24	17.53	17.39	17.54	17.45	17.55	18.00

		12	0	17.47	17.43	17.43	17.56	17.35	18.00
		12	6	17.51	17.51	17.48	17.43	17.46	18.00
		12	13	17.55	17.52	17.42	17.46	17.44	18.00
		25	0	17.47	17.48	17.45	17.42	17.51	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39700	40160	40620	41080	41540	
10MHz	QPSK	1	0	18.51	18.52	18.42	18.56	18.39	19.00
		1	25	18.37	18.57	18.49	18.41	18.32	19.00
		1	49	18.57	18.46	18.43	18.54	18.56	19.00
		25	0	18.47	18.45	18.52	18.53	18.40	19.00
		25	13	18.40	18.47	18.56	18.51	18.52	19.00
		25	25	18.46	18.41	18.43	18.51	18.52	19.00
		50	0	18.42	18.40	18.42	18.54	18.49	19.00
	16QAM	1	0	18.44	18.54	18.49	18.43	18.53	19.00
		1	25	18.47	18.55	18.48	18.37	18.48	19.00
		1	49	18.40	18.42	18.37	18.46	18.52	19.00
		25	0	18.51	18.47	18.45	18.43	18.49	19.00
		25	13	18.38	18.48	18.48	18.48	18.56	19.00
		25	25	18.48	18.50	18.45	18.56	18.52	19.00
		50	0	18.43	18.39	18.45	18.54	18.51	19.00
	64QAM	1	0	18.45	18.46	18.46	18.37	18.55	19.00
		1	25	18.39	18.46	18.37	18.48	18.52	19.00
		1	49	18.58	18.50	18.46	18.45	18.44	19.00
		25	0	18.55	18.43	18.48	18.46	18.51	19.00
		25	13	18.46	18.44	18.52	18.45	18.46	19.00
		25	25	18.44	18.42	18.48	18.35	18.50	19.00
		50	0	18.40	18.36	18.50	18.47	18.49	19.00
	256QAM	1	0	17.45	17.55	17.55	17.47	17.39	18.00
		1	25	17.45	17.41	17.59	17.42	17.33	18.00
		1	49	17.52	17.50	17.50	17.49	17.56	18.00
		25	0	17.47	17.43	17.40	17.56	17.41	18.00
		25	13	17.49	17.44	17.40	17.54	17.43	18.00
		25	25	17.47	17.50	17.43	17.49	17.34	18.00
		50	0	17.46	17.54	17.40	17.46	17.46	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39725	40173	40620	41068	41515	
15MHz	QPSK	1	0	18.53	18.53	18.33	18.47	18.45	19.00
		1	38	18.48	18.59	18.50	18.41	18.36	19.00
		1	74	18.54	18.56	18.42	18.46	18.54	19.00
		36	0	18.49	18.40	18.53	18.49	18.43	19.00
		36	18	18.41	18.56	18.53	18.51	18.54	19.00
		36	39	18.49	18.50	18.46	18.48	18.50	19.00
		75	0	18.54	18.43	18.53	18.46	18.58	19.00
	16QAM	1	0	18.54	18.55	18.58	18.46	18.43	19.00
		1	38	18.53	18.56	18.53	18.34	18.46	19.00
		1	74	18.39	18.49	18.45	18.36	18.55	19.00
		36	0	18.53	18.45	18.48	18.48	18.42	19.00
		36	18	18.48	18.46	18.51	18.51	18.52	19.00
		36	39	18.47	18.51	18.41	18.56	18.48	19.00
		75	0	18.45	18.46	18.53	18.46	18.56	19.00
	64QAM	1	0	18.48	18.57	18.33	18.45	18.48	19.00

		1	38	18.42	18.45	18.45	18.43	18.55	19.00
		1	74	18.54	18.53	18.45	18.44	18.40	19.00
		36	0	18.55	18.36	18.50	18.51	18.38	19.00
		36	18	18.47	18.44	18.48	18.51	18.44	19.00
		36	39	18.46	18.52	18.53	18.36	18.50	19.00
		75	0	18.41	18.42	18.55	18.43	18.37	19.00
	256QAM	1	0	17.38	17.53	17.60	17.56	17.40	18.00
		1	38	17.51	17.44	17.54	17.43	17.35	18.00
		1	74	17.49	17.40	17.45	17.46	17.46	18.00
		36	0	17.52	17.41	17.44	17.44	17.43	18.00
		36	18	17.41	17.45	17.46	17.54	17.49	18.00
		36	39	17.48	17.53	17.44	17.39	17.37	18.00
		75	0	17.42	17.56	17.45	17.45	17.43	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39750	40185	40620	41055	41490	
20MHz	QPSK	1	0	18.56	18.42	18.67	18.51	18.43	19.00
		1	50	18.40	18.54	18.46	18.40	18.45	19.00
		1	99	18.56	18.52	18.50	18.49	18.53	19.00
		50	0	18.38	18.40	18.59	18.51	18.36	19.00
		50	25	18.35	18.48	18.50	18.46	18.56	19.00
		50	50	18.51	18.48	18.51	18.48	18.43	19.00
		100	0	18.43	18.51	18.52	18.48	18.50	19.00
	16QAM	1	0	18.49	18.54	18.52	18.42	18.41	19.00
		1	50	18.43	18.49	18.49	18.39	18.56	19.00
		1	99	18.42	18.46	18.42	18.35	18.50	19.00
		50	0	18.48	18.51	18.49	18.40	18.45	19.00
		50	25	18.38	18.45	18.48	18.46	18.56	19.00
		50	50	18.44	18.52	18.42	18.57	18.46	19.00
		100	0	18.47	18.46	18.54	18.45	18.54	19.00
	64QAM	1	0	18.40	18.54	18.42	18.46	18.51	19.00
		1	50	18.43	18.44	18.39	18.45	18.46	19.00
		1	99	18.46	18.51	18.52	18.40	18.37	19.00
		50	0	18.54	18.39	18.52	18.52	18.52	19.00
		50	25	18.48	18.46	18.45	18.44	18.46	19.00
		50	50	18.43	18.46	18.46	18.45	18.48	19.00
		100	0	18.46	18.44	18.47	18.45	18.40	19.00
	256QAM	1	0	17.48	17.55	17.52	17.46	17.49	18.00
		1	50	17.38	17.44	17.47	17.36	17.45	18.00
		1	99	17.51	17.38	17.44	17.53	17.49	18.00
		50	0	17.40	17.42	17.35	17.54	17.35	18.00
		50	25	17.51	17.48	17.50	17.42	17.46	18.00
		50	50	17.49	17.49	17.40	17.40	17.40	18.00
		100	0	17.44	17.47	17.32	17.41	17.53	18.00

5 Conducted Power of LTE Uplink CA

5.1 Conducted Power of LTE Uplink CA(Ant2)

CA_42C Ant 2 Head										
Combination 20MHz+20MHz (100RB+100RB)										
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				
42190	42388	QPSK	1	0	1	99	2	0	19.55	20.00
42590	42788	QPSK	1	0	1	99	2	0	19.68	20.00
42990	42792	QPSK	1	99	1	0	2	0	19.57	20.00

CA_42C Ant 2 Body(15mm/0mm)										
Combination 20MHz+20MHz (100RB+100RB)										
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				
42190	42388	QPSK	1	0	1	99	2	0	21.54	22.00
42590	42788	QPSK	1	0	1	99	2	0	21.72	22.00
42990	42792	QPSK	1	99	1	0	2	0	21.58	22.00

CA_42C Ant 2 Hotspot										
Combination 20MHz+20MHz (100RB+100RB)										
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				
42190	42388	QPSK	1	0	1	99	2	0	20.61	21.00
42590	42788	QPSK	1	0	1	99	2	0	20.73	21.00
42990	42792	QPSK	1	99	1	0	2	0	20.52	21.00

CA_42B Ant 2 Head										
Combination 15MHz+5MHz (75RB+25RB)										
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				
42190	42283	QPSK	1	0	1	24	2	0	19.44	20.00
42590	42683	QPSK	1	0	1	24	2	0	19.56	20.00
42990	42897	QPSK	1	74	1	0	2	0	19.47	20.00

CA_42B Ant 2 Body(15mm/0mm)										
Combination 15MHz+5MHz (75RB+25RB)										
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				
42190	42283	QPSK	1	0	1	24	2	0	21.42	22.00

42590	42683	QPSK	1	0	1	24	2	0	21.62	22.00
42990	42897	QPSK	1	74	1	0	2	0	21.45	22.00

CA_42B Ant 2 Hotspot										
Combination 15MHz+5MHz (75RB+25RB)										
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				
42190	42283	QPSK	1	0	1	24	2	0	20.5	21.00
42590	42683	QPSK	1	0	1	24	2	0	20.63	21.00
42990	42897	QPSK	1	74	1	0	2	0	20.38	21.00

CA_48C Ant 2 Head										
Combination 20MHz+20MHz (100RB+100RB)										
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				
55340	55538	QPSK	1	0	1	99	2	0	20.31	21.50
55990	56188	QPSK	1	0	1	99	2	0	20.43	21.50
56640	56442	QPSK	1	99	1	0	2	0	20.25	21.50

CA_48C Ant 2 Body(15mm/0mm)										
Combination 20MHz+20MHz (100RB+100RB)										
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				
55340	55538	QPSK	1	0	1	99	2	0	20.77	22.50
55990	56188	QPSK	1	0	1	99	2	0	20.91	22.50
56640	56442	QPSK	1	99	1	0	2	0	20.73	22.50

CA_48C Ant 2 Hotspot										
Combination 20MHz+20MHz (100RB+100RB)										
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				
55340	55538	QPSK	1	0	1	99	2	0	19.41	21.00
55990	56188	QPSK	1	0	1	99	2	0	19.48	21.00
56640	56442	QPSK	1	99	1	0	2	0	19.33	21.00

CA_48B Ant 2 Head										
Combination 15MHz+5MHz (75RB+25RB)										
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				
55340	55433	QPSK	1	0	1	24	2	0	20.16	21.50
55990	56083	QPSK	1	0	1	24	2	0	20.31	21.50

56640	56547	QPSK	1	74	1	0	2	0	20.13	21.50
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CA_48B Ant 2 Body(15mm/0mm)										
Combination 15MHz+5MHz (75RB+25RB)										
PCC Chann el	SCC Chann el	Modulati on	PCC		SCC		Total RB Size	Target MPR Level (dB)	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset				
55340	55433	QPSK	1	0	1	24	2	0	20.64	22.50
55990	56083	QPSK	1	0	1	24	2	0	20.77	22.50
56640	56547	QPSK	1	74	1	0	2	0	20.63	22.50

CA_48B Ant 2 Hotspot										
Combination 15MHz+5MHz (75RB+25RB)										
PCC Chann el	SCC Chann el	Modulati on	PCC		SCC		Total RB Size	Target MPR Level (dB)	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset				
55340	55433	QPSK	1	0	1	24	2	0	19.3	21.00
55990	56083	QPSK	1	0	1	24	2	0	19.35	21.00
56640	56547	QPSK	1	74	1	0	2	0	19.2	21.00

5.2 Conducted Power of LTE Uplink CA(Ant4)

CA_7C Ant 4 Head										
Combination 20MHz+20MHz (100RB+100RB)										
PCC Chann el	SCC Chann el	Modulati on	PCC		SCC		Total RB Size	Target MPR Level (dB)	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset				
20850	21048	QPSK	1	0	1	99	2	0	16.01	17.50
21100	21298	QPSK	1	0	1	99	2	0	16.22	17.50
21350	21152	QPSK	1	99	1	0	2	0	16.04	17.50

CA_7C Ant 4 Body(15mm/0mm)										
Combination 20MHz+20MHz (100RB+100RB)										
PCC Chann el	SCC Chann el	Modulati on	PCC		SCC		Total RB Size	Target MPR Level (dB)	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset				
20850	21048	QPSK	1	0	1	99	2	0	18.82	19.50
21100	21298	QPSK	1	0	1	99	2	0	18.92	19.50
21350	21152	QPSK	1	99	1	0	2	0	18.76	19.50

CA_7C Ant 4 Hotspot										
Combination 20MHz+20MHz (100RB+100RB)										
PCC Chann el	SCC Chann el	Modulati on	PCC		SCC		Total RB Size	Target MPR Level (dB)	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset				
20850	21048	QPSK	1	0	1	99	2	0	17.78	18.50

21100	21298	QPSK	1	0	1	99	2	0	17.93	18.50
21350	21152	QPSK	1	99	1	0	2	0	17.8	18.50

CA_7B Ant 4 Head										
Combination 15MHz+5MHz (75RB+25RB)										
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				
20825	20918	QPSK	1	0	1	24	2	0	15.89	17.50
21100	21193	QPSK	1	0	1	24	2	0	16.09	17.50
21375	21282	QPSK	1	74	1	0	2	0	15.93	17.50

CA_7B Ant 4 Body(15mm/0mm)										
Combination 15MHz+5MHz (75RB+25RB)										
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				
20825	20918	QPSK	1	0	1	24	2	0	18.73	19.50
21100	21193	QPSK	1	0	1	24	2	0	18.79	19.50
21375	21282	QPSK	1	74	1	0	2	0	18.62	19.50

CA_7B Ant 4 Hotspot										
Combination 15MHz+5MHz (75RB+25RB)										
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				
20825	20918	QPSK	1	0	1	24	2	0	17.68	18.50
21100	21193	QPSK	1	0	1	24	2	0	17.8	18.50
21375	21282	QPSK	1	74	1	0	2	0	17.7	18.50

6 Conducted Power of LTE Downlink CA

CA List	PCC								SCC1				Power	
	LTE	Ant	BW	UL	UL	Mod.	UL #	UL	LTE	BW	DL	DL	With CA	Without CA
	Band		(MHz)	Freq.	Channel		RB	RB	Band	(MHz)	Freq.	Channel	Tx. Power (dBm)	Tx. Power (dBm)
				(MHz)				Offset			(MHz)			
CA_2B	Band 2	2	15M	1880	18900	QPSK	1	0	Band 2	5M	1987.5	1175	22.01	22.25
CA_2C	Band 2	2	20M	1880	18900	QPSK	1	0	Band 2	20M	1979.8	1098	22.04	22.25
CA_2A-2A	Band 2	2	20M	1880	18900	QPSK	1	0	Band 2	5M	1987.5	1175	22.11	22.25
CA_2A-4A	Band 2	2	20M	1880	18900	QPSK	1	0	Band 4	20M	2132.5	2175	22.07	22.25
	Band 4	2	20M	1732.5	20175	QPSK	1	0	Band 2	20M	1960	900	22.01	22.15
CA_2A-5A	Band 2	2	20M	1880	18900	QPSK	1	0	Band 5	10M	881.5	2525	22.1	22.25
	Band 5	0	10M	836.5	20525	QPSK	1	0	Band 2	20M	1960	900	22.38	22.54
CA_2A-7A	Band 2	2	20M	1880	18900	QPSK	1	0	Band 7	20M	2655	3100	22.01	22.25
	Band 7	4	20M	2535	21100	QPSK	1	0	Band 2	20M	1960	900	18.82	18.99
CA_2A-12A	Band 2	2	20M	1880	18900	QPSK	1	0	Band 12	10M	737.5	5095	22.08	22.25
	Band 12	0	10M	707.5	23095	QPSK	1	0	Band 2	20M	1960	900	23.57	23.74
CA_2A-14A	Band 2	2	20M	1880	18900	QPSK	1	0	Band 14	10M	763	5330	22.07	22.25
	Band 14	0	10M	793	23330	QPSK	1	0	Band 2	20M	1960	900	23.47	23.72
CA_2A-17A	Band 2	2	10M	1880	18900	QPSK	1	0	Band 17	10M	740	5790	22.05	22.25
	Band 17	0	10M	710	23790	QPSK	1	0	Band 2	10M	1960	900	23.22	23.45
CA_2A-26A	Band 2	2	20M	1880	18900	QPSK	1	0	Band 26	15M	876.5	8865	22.08	22.25
	Band 26	0	15M	831.5	26865	QPSK	1	0	Band 2	20M	1960	900	22.74	22.89
CA_2A-66A	Band 2	2	20M	1880	18900	QPSK	1	0	Band 66	20M	2155	66886	22.07	22.25
	Band 66	2	20M	1745	132322	QPSK	1	0	Band 2	20M	1960	900	22.12	22.31
CA_4A-5A	Band 4	2	20M	1732.5	20175	QPSK	1	0	Band 5	10M	881.5	2525	21.96	22.15
	Band 5	0	10M	836.5	20525	QPSK	1	0	Band 4	20M	2132.5	2175	22.31	22.54
CA_4A-7A	Band 4	2	20M	1732.5	20175	QPSK	1	0	Band 7	20M	2655	3100	21.93	22.15
	Band 7	4	20M	2535	21100	QPSK	1	0	Band 4	20M	2132.5	2175	18.85	18.99
CA_4A-12A	Band 4	2	20M	1732.5	20175	QPSK	1	0	Band 12	10M	737.5	5095	21.95	22.15
	Band 12	0	10M	707.5	23095	QPSK	1	0	Band 4	20M	2132.5	2175	23.53	23.74
CA_4A-17A	Band 4	2	20M	1732.5	20175	QPSK	1	0	Band 17	10M	740	5790	21.95	22.15
	Band 17	0	10M	710	23790	QPSK	1	0	Band 4	20M	2132.5	2175	23.29	23.45
CA_5A-7A	Band 5	0	10M	836.5	20525	QPSK	1	0	Band 7	20M	2655	3100	22.39	22.54
	Band 7	4	20M	2535	21100	QPSK	1	0	Band 5	10M	881.5	2525	18.76	18.99
CA_5A-41A	Band 5	0	10M	836.5	20525	QPSK	1	0	Band 41	20M	2593	40620	22.4	22.54
	Band 41	4	20M	2593	40620	QPSK	1	0	Band 5	10M	881.5	2525	20.07	20.22
CA_5A-48A	Band 5	0	10M	836.5	20525	QPSK	1	0	Band 48	20M	3609	55830	22.34	22.54
	Band 48	2	20M	3609	55830	QPSK	1	0	Band 5	10M	881.5	2525	20.74	20.94
CA_5A-66A	Band 5	0	10M	836.5	20525	QPSK	1	0	Band 66	20M	2155	66886	22.33	22.54
	Band 66	2	20M	1745	132322	QPSK	1	0	Band 5	10M	881.5	2525	22.1	22.31

CA_7A-7A	Band 7	4	20M	2535	21100	QPSK	1	0	Band 7	5M	2687.5	3425	18.8	18.99
CA_7B	Band 7	4	15M	2535	21100	QPSK	1	0	Band 7	5M	2544.3	3193	18.73	18.99
CA_7C	Band 7	4	20M	2535	21100	QPSK	1	0	Band 7	20M	2554.8	3298	18.79	18.99
CA_7A-66A	Band 7	4	20M	2535	21100	QPSK	1	0	Band 66	20M	2155	66886	18.79	18.99
	Band 66	2	20M	1745	132322	QPSK	1	0	Band 7	20M	2655	3100	22.13	22.31
CA_12A-48A	Band 12	0	10M	707.5	23095	QPSK	1	0	Band 48	5M	3697.5	56715	23.51	23.74
	Band 48	2	20M	3609	55830	QPSK	1	0	Band 12	10M	737.5	5095	20.69	20.94
CA_12A-66A	Band 12	0	10M	707.5	23095	QPSK	1	0	Band 66	20M	2155	66886	23.58	23.74
	Band 66	2	20M	1745	132322	QPSK	1	0	Band 12	10M	737.5	5095	22.13	22.31
CA_14A-66A	Band 14	0	10M	793	23330	QPSK	1	0	Band 66	20M	2155	66886	23.48	23.72
	Band 66	2	20M	1745	132322	QPSK	1	0	Band 14	10M	763	5330	22.15	22.31
CA_41A-41A	Band 41	4	20M	2593	40620	QPSK	1	0	Band 41	5M	2687.5	41565	20	20.22
CA_41A-48A	Band 41	4	20M	2593	40620	QPSK	1	0	Band 48	20M	3609	55830	20.08	20.22
	Band 48	2	20M	3609	55830	QPSK	1	0	Band 41	20M	2593	40620	20.76	20.94
CA_42B	Band 42	2	15M	3500	42590	QPSK	1	0	Band 42	5M	3547.5	43065	21.48	21.74
CA_42C	Band 42	2	20M	3500	42590	QPSK	1	0	Band 42	20M	3519.8	42788	21.51	21.74
CA_48A-48A	Band 48	2	20M	3609	55830	QPSK	1	0	Band 48	5M	3697.5	56715	20.73	20.94
CA_48A-66A	Band 48	2	20M	3609	55830	QPSK	1	0	Band 66	20M	2155	66886	20.77	20.94
	Band 66	2	20M	1745	132322	QPSK	1	0	Band 48	20M	3609	55830	22.1	22.31
CA_48B	Band 48	2	15M	3609	55830	QPSK	1	0	Band 48	5M	3697.5	56715	20.71	20.94
CA_48C	Band 48	2	20M	3609	55830	QPSK	1	0	Band 48	20M	3628.8	56028	20.75	20.94
CA_66A-66A	Band 66	2	20M	1745	132322	QPSK	1	0	Band 66	5M	2197.5	67311	22.16	22.31

7 Conducted Power of NR Antenna

7.1 Conducted Power of NR Antenna (Ant0)

N5 Head				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				166800	167300	167800	
				834	836.5	839	
20MHz	DFT-s-OFDM PI/2 BPSK	1	1	22.03	21.97	21.93	23.00
		1	53	21.99	22.03	21.99	23.00
		1	104	21.93	21.91	21.97	23.00
		50	0	21.49	21.53	21.39	22.50
		50	28	21.98	21.88	21.95	23.00
		50	56	21.37	21.52	21.48	22.50
		100	0	21.36	21.33	21.46	22.50
	DFT-s-OFDM QPSK	1	1	21.92	22.19	21.94	23.00
		1	53	22.09	22.06	21.92	23.00
		1	104	22.05	22.08	21.92	23.00
		50	0	20.95	20.96	20.97	22.00
		50	28	21.84	22.09	21.96	23.00
		50	56	21.03	20.92	20.96	22.00
		100	0	20.97	21.05	21.03	22.00
	DFT-s-OFDM 16QAM	1	1	20.92	20.89	20.92	22.00
	DFT-s-OFDM 64QAM	1	1	19.48	19.44	19.49	20.50
	DFT-s-OFDM 256QAM	1	1	17.55	17.40	17.35	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				166800	167300	167800	
20MHz	CP-OFDM QPSK	1	1	20.45	20.45	20.52	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				166300	167300	168300	
15MHz	DFT-s-OFDM QPSK	1	1	21.68	21.77	21.74	23.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				165800	167300	168800	
10MHz	DFT-s-OFDM QPSK	1	1	21.77	21.77	21.81	23.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				165300	167300	169300	
5MHz	DFT-s-OFDM QPSK	1	1	21.70	21.81	21.78	23.00

N5 Head For ENDC				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				166800	167300	167800	
				834	836.5	839	
20MHz	DFT-s-OFDM PI/2 BPSK	1	1	19.47	19.38	19.53	20.50
		1	53	19.47	19.39	19.48	20.50
		1	104	19.62	19.52	19.40	20.50
		50	0	18.99	18.97	18.96	20.00
		50	28	19.46	19.49	19.41	20.50
		50	56	19.03	18.98	18.82	20.00
		100	0	18.88	18.83	18.93	20.00
	DFT-s-OFDM QPSK	1	1	19.35	19.72	19.55	20.50
		1	53	19.57	19.61	19.53	20.50
		1	104	19.46	19.52	19.60	20.50
		50	0	18.45	18.50	18.42	19.50
		50	28	19.40	19.66	19.62	20.50
		50	56	18.65	18.46	18.45	19.50
		100	0	18.46	18.50	18.52	19.50
	DFT-s-OFDM 16QAM	1	1	18.42	18.41	18.53	19.50
	DFT-s-OFDM 64QAM	1	1	17.06	16.93	16.96	18.00
	DFT-s-OFDM 256QAM	1	1	15.06	15.02	14.96	16.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				166800	167300	167800	
20MHz	CP-OFDM QPSK	1	1	16.52	16.49	16.63	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				166300	167300	168300	
15MHz	DFT-s-OFDM QPSK	1	1	18.59	18.48	18.47	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				165800	167300	168800	
10MHz	DFT-s-OFDM QPSK	1	1	18.58	18.53	18.38	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				165300	167300	169300	
5MHz	DFT-s-OFDM QPSK	1	1	18.66	18.55	18.37	20.50

N5 Body(15mm/0mm)/Hotspot				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				166800	167300	167800	
				834	836.5	839	
20MHz	DFT-s-OFDM PI/2 BPSK	1	1	23.51	23.40	23.41	24.50
		1	53	23.37	23.44	23.50	24.50
		1	104	23.57	23.48	23.35	24.50
		50	0	22.98	22.93	22.89	24.00
		50	28	23.44	23.46	23.40	24.50
		50	56	22.94	23.02	22.86	24.00
		100	0	22.90	22.87	23.01	24.00
	DFT-s-OFDM QPSK	1	1	23.34	23.59	23.51	24.50
		1	53	23.47	23.54	23.47	24.50
		1	104	23.50	23.51	23.49	24.50
		50	0	22.40	22.53	22.39	23.50
		50	28	23.36	23.54	23.52	24.50
		50	56	22.54	22.51	22.38	23.50
		100	0	22.45	22.49	22.50	23.50
	DFT-s-OFDM 16QAM	1	1	22.35	22.34	22.47	23.50
	DFT-s-OFDM 64QAM	1	1	20.96	20.93	20.98	22.00
	DFT-s-OFDM 256QAM	1	1	19.06	18.94	18.87	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				166800	167300	167800	
20MHz	CP-OFDM QPSK	1	1	21.97	22.01	21.95	23.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				166300	167300	168300	
15MHz	DFT-s-OFDM QPSK	1	1	23.19	23.39	23.25	24.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				165800	167300	168800	
10MHz	DFT-s-OFDM QPSK	1	1	23.20	23.30	23.29	24.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				165300	167300	169300	
5MHz	DFT-s-OFDM QPSK	1	1	23.23	23.30	23.25	24.50

N71 Head/Body(15mm/0mm)/Hotspot				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				134600	136100	137600	
				673	680.5	688	
20MHz	DFT-s-OFDM PI/2 BPSK	1	1	23.24	23.21	23.22	24.00
		1	53	23.21	23.32	23.31	24.00
		1	104	23.31	23.27	23.22	24.00
		50	0	22.76	22.74	22.79	23.50
		50	28	23.23	23.30	23.27	24.00
		50	56	22.67	22.73	22.73	23.50
		100	0	22.76	22.66	22.86	23.50
	DFT-s-OFDM QPSK	1	1	23.15	23.49	23.30	24.00
		1	53	23.37	23.27	23.34	24.00
		1	104	23.35	23.35	23.29	24.00
		50	0	22.21	22.29	22.28	23.00
		50	28	23.27	23.38	23.22	24.00
		50	56	22.36	22.19	22.26	23.00
		100	0	22.18	22.37	22.26	23.00
	DFT-s-OFDM 16QAM	1	1	22.24	22.24	22.34	23.00
	DFT-s-OFDM 64QAM	1	1	20.76	20.67	20.79	21.50
	DFT-s-OFDM 256QAM	1	1	18.83	18.72	18.68	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				134600	136100	137600	
20MHz	CP-OFDM QPSK	1	1	21.83	21.75	21.75	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				134100	136100	138100	
15MHz	DFT-s-OFDM QPSK	1	1	22.99	23.12	23.04	24.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				133600	136100	138600	
10MHz	DFT-s-OFDM QPSK	1	1	23.02	23.16	23.07	24.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				133100	136100	139100	
5MHz	DFT-s-OFDM QPSK	1	1	22.97	23.09	23.02	24.00

N71 Head For ENDC				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				134600	136100	137600	
				673	680.5	688	
20MHz	DFT-s-OFDM PI/2 BPSK	1	1	20.22	20.20	20.24	21.00
		1	53	20.21	20.33	20.29	21.00
		1	104	20.38	20.33	20.24	21.00
		50	0	19.71	19.75	19.85	20.50
		50	28	20.26	20.25	20.25	21.00
		50	56	19.72	19.69	19.74	20.50
		100	0	19.74	19.69	19.81	20.50
	DFT-s-OFDM QPSK	1	1	20.19	20.48	20.29	21.00
		1	53	20.44	20.34	20.30	21.00
		1	104	20.40	20.42	20.37	21.00
		50	0	19.28	19.29	19.27	20.00
		50	28	20.33	20.44	20.27	21.00
		50	56	19.31	19.23	19.27	20.00
		100	0	19.15	19.40	19.29	20.00
	DFT-s-OFDM 16QAM	1	1	19.21	19.28	19.36	20.00
	DFT-s-OFDM 64QAM	1	1	17.72	17.68	17.75	18.50
	DFT-s-OFDM 256QAM	1	1	15.86	15.77	15.66	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				134600	136100	137600	
20MHz	CP-OFDM QPSK	1	1	18.82	18.82	18.75	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				134100	136100	138100	
15MHz	DFT-s-OFDM QPSK	1	1	20.06	20.20	20.05	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				133600	136100	138600	
10MHz	DFT-s-OFDM QPSK	1	1	19.99	20.09	20.01	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				133100	136100	139100	
5MHz	DFT-s-OFDM QPSK	1	1	20.03	20.15	20.08	21.00

7.2 Conducted Power of NR Antenna (Ant1)

N41 For ENDC Head				Conducted Power(dBm)			
SCS 30kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				509202	518598	528000	
				2546.01	2592.99	2640	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	23.45	23.33	23.52	24.00
		1	137	23.48	23.39	23.42	24.00
		1	271	23.52	23.41	23.35	24.00
		135	0	22.96	22.94	22.92	23.50
		135	69	23.50	23.44	23.38	24.00
		135	138	22.96	23.03	22.95	23.50
		270	0	22.89	22.92	22.98	23.50
	DFT-s-OFDM QPSK	1	1	23.36	23.64	23.48	24.00
		1	137	23.54	23.56	23.42	24.00
		1	271	23.42	23.52	23.53	24.00
		135	0	22.46	22.47	22.45	23.00
		135	69	23.42	23.53	23.41	24.00
		135	138	22.50	22.50	22.40	23.00
		270	0	22.38	22.55	22.48	23.00
	DFT-s-OFDM 16QAM	1	1	22.36	22.35	22.43	23.00
	DFT-s-OFDM 64QAM	1	1	20.91	20.87	20.96	21.50
	DFT-s-OFDM 256QAM	1	1	18.98	18.83	18.93	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				509202	518598	528000	
100MHz	CP-OFDM QPSK	1	1	22.07	21.99	21.96	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				508200	518598	528996	
90MHz	DFT-s-OFDM QPSK	1	1	23.18	23.32	23.27	24.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				507204	518598	529998	
80MHz	DFT-s-OFDM QPSK	1	1	23.29	23.31	23.19	24.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				506202	518598	531000	
70MHz	DFT-s-OFDM QPSK	1	1	23.19	23.33	23.30	24.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				505200	518598	531996	
60MHz	DFT-s-OFDM QPSK	1	1	23.26	23.34	23.19	24.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				504204	518598	532998	
50MHz	DFT-s-OFDM QPSK	1	1	23.20	23.36	23.30	24.00

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				503706	518598	533496	
45MHz	DFT-s-OFDM QPSK	1	1	23.18	23.35	23.19	24.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				503202	518598	534000	
40MHz	DFT-s-OFDM QPSK	1	1	23.29	23.32	23.25	24.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				502704	518598	534504	
35MHz	DFT-s-OFDM QPSK	1	1	23.18	23.37	23.28	24.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				502200	518598	534996	
30MHz	DFT-s-OFDM QPSK	1	1	23.22	23.39	23.32	24.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				501702	518598	535500	
25MHz	DFT-s-OFDM QPSK	1	1	23.22	23.35	23.28	24.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				501204	518598	535998	
20MHz	DFT-s-OFDM QPSK	1	1	23.24	23.26	23.30	24.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				500700	518598	536496	
15MHz	DFT-s-OFDM QPSK	1	1	23.27	23.28	23.30	24.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				500202	518598	537000	
10MHz	DFT-s-OFDM QPSK	1	1	23.25	23.28	23.31	24.00

N41 For ENDC Body(15mm/0mm)				Conducted Power(dBm)			
SCS 30kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				509202	518598	528000	
				2546.01	2592.99	2640	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	20.56	20.36	20.46	21.00
		1	137	20.47	20.49	20.42	21.00
		1	271	20.53	20.41	20.47	21.00
		135	0	19.96	19.90	19.92	20.50
		135	69	20.46	20.44	20.48	21.00
		135	138	19.87	19.94	19.86	20.50
		270	0	19.94	19.88	20.03	20.50
	DFT-s-OFDM QPSK	1	1	20.41	20.65	20.46	21.00
		1	137	20.48	20.58	20.53	21.00
		1	271	20.48	20.48	20.50	21.00
		135	0	19.45	19.48	19.49	20.00
		135	69	20.44	20.57	20.41	21.00

		135	138	19.46	19.44	19.45	20.00
		270	0	19.42	19.47	19.57	20.00
	DFT-s-OFDM 16QAM	1	1	19.40	19.43	19.49	20.00
	DFT-s-OFDM 64QAM	1	1	17.87	17.85	18.00	18.50
	DFT-s-OFDM 256QAM	1	1	15.98	15.85	15.91	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				509202	518598	528000	
100MHz	CP-OFDM QPSK	1	1	18.93	19.04	19.02	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				508200	518598	528996	
90MHz	DFT-s-OFDM QPSK	1	1	20.29	20.28	20.22	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				507204	518598	529998	
80MHz	DFT-s-OFDM QPSK	1	1	20.18	20.27	20.28	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				506202	518598	531000	
70MHz	DFT-s-OFDM QPSK	1	1	20.27	20.27	20.26	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				505200	518598	531996	
60MHz	DFT-s-OFDM QPSK	1	1	20.25	20.38	20.24	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				504204	518598	532998	
50MHz	DFT-s-OFDM QPSK	1	1	20.24	20.31	20.29	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				503706	518598	533496	
45MHz	DFT-s-OFDM QPSK	1	1	20.26	20.39	20.26	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				503202	518598	534000	
40MHz	DFT-s-OFDM QPSK	1	1	20.26	20.38	20.20	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				502704	518598	534504	
35MHz	DFT-s-OFDM QPSK	1	1	20.22	20.38	20.31	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				502200	518598	534996	
30MHz	DFT-s-OFDM QPSK	1	1	20.17	20.37	20.31	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				501702	518598	535500	

25MHz	DFT-s-OFDM QPSK	1	1	20.18	20.31	20.20	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				501204	518598	535998	
20MHz	DFT-s-OFDM QPSK	1	1	20.24	20.36	20.23	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				500700	518598	536496	
15MHz	DFT-s-OFDM QPSK	1	1	20.22	20.29	20.31	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				500202	518598	537000	
10MHz	DFT-s-OFDM QPSK	1	1	20.21	20.40	20.20	21.00

N41 For ENDC Hotspot				Conducted Power(dBm)			
SCS 30kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				509202	518598	528000	
				2546.01	2592.99	2640	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	18.48	18.37	18.46	19.00
		1	137	18.37	18.49	18.44	19.00
		1	271	18.55	18.46	18.35	19.00
		135	0	17.99	17.96	18.00	18.50
		135	69	18.42	18.38	18.41	19.00
		135	138	17.98	18.02	17.93	18.50
		270	0	17.90	17.93	17.99	18.50
	DFT-s-OFDM QPSK	1	1	18.41	18.56	18.50	19.00
		1	137	18.46	18.48	18.45	19.00
		1	271	18.52	18.55	18.42	19.00
		135	0	17.50	17.51	17.38	18.00
		135	69	18.36	18.46	18.41	19.00
		135	138	17.56	17.40	17.42	18.00
		270	0	17.35	17.48	17.56	18.00
	DFT-s-OFDM 16QAM	1	1	17.46	17.39	17.44	18.00
	DFT-s-OFDM 64QAM	1	1	15.90	15.97	15.89	16.50
	DFT-s-OFDM 256QAM	1	1	14.07	13.85	13.85	14.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				509202	518598	528000	
100MHz	CP-OFDM QPSK	1	1	17.01	17.03	17.01	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				508200	518598	528996	
90MHz	DFT-s-OFDM QPSK	1	1	18.16	18.36	18.24	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				507204	518598	529998	

80MHz	DFT-s-OFDM QPSK	1	1	18.19	18.37	18.29	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				506202	518598	531000	
70MHz	DFT-s-OFDM QPSK	1	1	18.16	18.40	18.20	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				505200	518598	531996	
60MHz	DFT-s-OFDM QPSK	1	1	18.25	18.28	18.22	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				504204	518598	532998	
50MHz	DFT-s-OFDM QPSK	1	1	18.24	18.31	18.24	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				503706	518598	533496	
45MHz	DFT-s-OFDM QPSK	1	1	18.29	18.33	18.25	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				503202	518598	534000	
40MHz	DFT-s-OFDM QPSK	1	1	18.19	18.28	18.23	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				502704	518598	534504	
35MHz	DFT-s-OFDM QPSK	1	1	18.24	18.38	18.27	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				502200	518598	534996	
30MHz	DFT-s-OFDM QPSK	1	1	18.26	18.31	18.19	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				501702	518598	535500	
25MHz	DFT-s-OFDM QPSK	1	1	18.22	18.33	18.26	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				501204	518598	535998	
20MHz	DFT-s-OFDM QPSK	1	1	18.19	18.33	18.27	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				500700	518598	536496	
15MHz	DFT-s-OFDM QPSK	1	1	18.17	18.38	18.29	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				500202	518598	537000	
10MHz	DFT-s-OFDM QPSK	1	1	18.23	18.31	18.24	19.00

N66 For ENDC Head				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				346000	349000	352000	
				1730	1745	1760	
40MHz	DFT-s-OFDM PI/2 BPSK	1	1	23.26	23.18	23.21	24.00
		1	108	23.19	23.22	23.21	24.00
		1	214	23.30	23.26	23.19	24.00
		108	0	22.76	22.77	22.69	23.50
		108	54	23.30	23.22	23.18	24.00
		108	108	22.68	22.81	22.72	23.50
		216	0	22.71	22.64	22.74	23.50
	DFT-s-OFDM QPSK	1	1	23.25	23.43	23.33	24.00
		1	108	23.27	23.32	23.26	24.00
		1	214	23.29	23.37	23.24	24.00
		108	0	22.18	22.33	22.23	23.00
		108	54	23.22	23.36	23.21	24.00
		108	108	22.37	22.20	22.25	23.00
		216	0	22.24	22.26	22.32	23.00
	DFT-s-OFDM 16QAM	1	1	22.14	22.17	22.22	23.00
	DFT-s-OFDM 64QAM	1	1	20.69	20.69	20.74	21.50
	DFT-s-OFDM 256QAM	1	1	18.79	18.68	18.78	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				346000	349000	352000	
40MHz	CP-OFDM QPSK	1	1	21.86	21.80	21.84	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				345000	349000	353000	
30MHz	DFT-s-OFDM QPSK	1	1	22.99	23.11	23.00	24.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				344500	349000	353500	
25MHz	DFT-s-OFDM QPSK	1	1	23.02	23.15	23.11	24.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				344000	349000	354000	
20MHz	DFT-s-OFDM QPSK	1	1	23.06	23.19	22.99	24.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				343500	349000	354500	
15MHz	DFT-s-OFDM QPSK	1	1	23.08	23.10	23.04	24.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				343000	349000	355000	
10MHz	DFT-s-OFDM QPSK	1	1	22.98	23.19	22.98	24.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up

				342500	349000	355500	
5MHz	DFT-s-OFDM QPSK	1	1	23.03	23.08	23.08	24.00

N66 For ENDC Body(15mm/0mm)				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				346000	349000	352000	
				1730	1745	1760	
40MHz	DFT-s-OFDM PI/2 BPSK	1	1	21.29	21.16	21.19	22.00
		1	108	21.18	21.20	21.21	22.00
		1	214	21.32	21.25	21.22	22.00
		108	0	20.71	20.82	20.77	21.50
		108	54	21.20	21.25	21.26	22.00
		108	108	20.77	20.77	20.77	21.50
		216	0	20.72	20.64	20.76	21.50
	DFT-s-OFDM QPSK	1	1	21.18	21.47	21.28	22.00
		1	108	21.30	21.29	21.35	22.00
		1	214	21.35	21.32	21.28	22.00
		108	0	20.19	20.36	20.21	21.00
		108	54	21.27	21.36	21.33	22.00
		108	108	20.27	20.33	20.23	21.00
		216	0	20.18	20.37	20.37	21.00
	DFT-s-OFDM 16QAM	1	1	20.24	20.19	20.28	21.00
	DFT-s-OFDM 64QAM	1	1	18.67	18.76	18.76	19.50
	DFT-s-OFDM 256QAM	1	1	16.82	16.72	16.67	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				346000	349000	352000	
40MHz	CP-OFDM QPSK	1	1	19.85	19.80	19.77	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				345000	349000	353000	
30MHz	DFT-s-OFDM QPSK	1	1	20.96	21.16	21.05	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				344500	349000	353500	
25MHz	DFT-s-OFDM QPSK	1	1	21.09	21.17	21.08	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				344000	349000	354000	
20MHz	DFT-s-OFDM QPSK	1	1	20.96	21.11	21.00	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				343500	349000	354500	
15MHz	DFT-s-OFDM QPSK	1	1	21.00	21.15	21.08	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up



				343000	349000	355000	
10MHz	DFT-s-OFDM QPSK	1	1	21.07	21.15	21.04	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				342500	349000	355500	
5MHz	DFT-s-OFDM QPSK	1	1	21.06	21.15	21.01	22.00

N66 For ENDC Hotspot				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				346000	349000	352000	
				1730	1745	1760	
40MHz	DFT-s-OFDM PI/2 BPSK	1	1	20.32	20.26	20.20	21.00
		1	108	20.20	20.24	20.28	21.00
		1	214	20.32	20.33	20.25	21.00
		108	0	19.79	19.73	19.70	20.50
		108	54	20.20	20.19	20.13	21.00
		108	108	19.77	19.82	19.77	20.50
		216	0	19.69	19.68	19.80	20.50
	DFT-s-OFDM QPSK	1	1	20.23	20.46	20.33	21.00
		1	108	20.39	20.29	20.24	21.00
		1	214	20.24	20.28	20.24	21.00
		108	0	19.26	19.24	19.20	20.00
		108	54	20.17	20.27	20.21	21.00
		108	108	19.27	19.24	19.19	20.00
		216	0	19.23	19.29	19.25	20.00
	DFT-s-OFDM 16QAM	1	1	19.16	19.20	19.35	20.00
	DFT-s-OFDM 64QAM	1	1	17.74	17.78	17.74	18.50
	DFT-s-OFDM 256QAM	1	1	15.77	15.63	15.68	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				346000	349000	352000	
40MHz	CP-OFDM QPSK	1	1	18.78	18.76	18.83	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				345000	349000	353000	
30MHz	DFT-s-OFDM QPSK	1	1	20.02	20.15	20.11	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				344500	349000	353500	
25MHz	DFT-s-OFDM QPSK	1	1	19.97	20.20	19.98	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				344000	349000	354000	
20MHz	DFT-s-OFDM QPSK	1	1	20.09	20.09	20.07	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up

				343500	349000	354500	
15MHz	DFT-s-OFDM QPSK	1	1	20.01	20.12	20.02	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				343000	349000	355000	
10MHz	DFT-s-OFDM QPSK	1	1	20.07	20.08	20.09	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				342500	349000	355500	
5MHz	DFT-s-OFDM QPSK	1	1	20.07	20.13	19.99	21.00

7.3 Conducted Power of NR Antenna (Ant2)

N2 Head				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				372000	376000	380000	
				1860	1880	1900	
20MHz	DFT-s-OFDM PI/2 BPSK	1	1	18.25	18.11	18.09	19.50
		1	53	18.06	18.17	18.18	19.50
		1	104	18.23	18.12	18.05	19.50
		50	0	17.71	17.69	17.65	19.00
		50	28	18.15	18.17	18.18	19.50
		50	56	17.67	17.70	17.59	19.00
		100	0	17.67	17.57	17.72	19.00
	DFT-s-OFDM QPSK	1	1	18.03	18.39	18.12	19.50
		1	53	18.20	18.28	18.18	19.50
		1	104	18.17	18.20	18.12	19.50
		50	0	17.20	17.21	17.07	18.50
		50	28	18.11	18.24	18.17	19.50
		50	56	17.20	17.15	17.12	18.50
		100	0	17.15	17.20	17.21	18.50
	DFT-s-OFDM 16QAM	1	1	17.09	17.11	17.12	18.50
	DFT-s-OFDM 64QAM	1	1	15.57	15.67	15.67	17.00
	DFT-s-OFDM 256QAM	1	1	13.70	13.62	13.60	15.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				372000	376000	380000	
20MHz	CP-OFDM QPSK	1	1	16.70	16.75	16.63	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				371500	376000	380500	
15MHz	DFT-s-OFDM QPSK	1	1	17.86	18.02	18.01	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				371000	376000	381000	
10MHz	DFT-s-OFDM QPSK	1	1	17.97	17.98	17.99	19.50



Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				370500	376000	381500	
5MHz	DFT-s-OFDM QPSK	1	1	17.95	18.03	17.97	19.50

N2 Head For ENDC				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				372000	376000	380000	
				1860	1880	1900	
20MHz	DFT-s-OFDM PI/2 BPSK	1	1	16.31	16.08	16.16	17.50
		1	53	16.02	16.16	16.26	17.50
		1	104	16.30	16.07	16.04	17.50
		50	0	15.68	15.67	15.63	17.00
		50	28	16.18	16.17	16.18	17.50
		50	56	15.65	15.67	15.56	17.00
		100	0	15.72	15.60	15.78	17.00
	DFT-s-OFDM QPSK	1	1	16.07	16.39	16.11	17.50
		1	53	16.21	16.24	16.18	17.50
		1	104	16.16	16.28	16.08	17.50
		50	0	15.26	15.19	15.03	16.50
		50	28	16.15	16.32	16.20	17.50
		50	56	15.21	15.16	15.16	16.50
		100	0	15.16	15.25	15.24	16.50
	DFT-s-OFDM 16QAM	1	1	15.13	15.12	15.14	16.50
	DFT-s-OFDM 64QAM	1	1	13.52	13.64	13.63	15.00
	DFT-s-OFDM 256QAM	1	1	11.70	11.61	11.59	13.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				372000	376000	380000	
20MHz	CP-OFDM QPSK	1	1	15.83	15.98	16.05	16.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				371500	376000	380500	
15MHz	DFT-s-OFDM QPSK	1	1	15.85	16.01	16.07	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				371000	376000	381000	
10MHz	DFT-s-OFDM QPSK	1	1	15.89	15.98	16.03	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				370500	376000	381500	
5MHz	DFT-s-OFDM QPSK	1	1	15.83	16.05	16.05	17.50

N2 Body(15mm/0mm)				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				372000	376000	380000	
				1860	1880	1900	
20MHz	DFT-s-OFDM PI/2 BPSK	1	1	22.19	22.06	22.10	23.50
		1	53	22.11	22.15	22.08	23.50
		1	104	22.16	22.14	22.12	23.50
		50	0	21.71	21.63	21.65	23.00
		50	28	22.22	22.11	22.18	23.50
		50	56	21.57	21.67	21.59	23.00
		100	0	21.65	21.55	21.70	23.00
	DFT-s-OFDM QPSK	1	1	22.09	22.36	22.13	23.50
		1	53	22.17	22.21	22.16	23.50
		1	104	22.23	22.26	22.23	23.50
		50	0	21.14	21.18	21.08	22.50
		50	28	22.11	22.33	22.22	23.50
		50	56	21.26	21.14	21.10	22.50
		100	0	21.14	21.18	21.25	22.50
	DFT-s-OFDM 16QAM	1	1	21.04	21.07	21.24	22.50
	DFT-s-OFDM 64QAM	1	1	19.58	19.63	19.60	21.00
	DFT-s-OFDM 256QAM	1	1	17.63	17.66	17.57	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				372000	376000	380000	
20MHz	CP-OFDM QPSK	1	1	20.76	20.67	20.73	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				371500	376000	380500	
15MHz	DFT-s-OFDM QPSK	1	1	21.92	22.06	22.00	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				371000	376000	381000	
10MHz	DFT-s-OFDM QPSK	1	1	21.98	22.02	21.90	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				370500	376000	381500	
5MHz	DFT-s-OFDM QPSK	1	1	21.97	22.07	21.91	23.50

N2 Hotspot/Body(15mm/0mm) For ENDC				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				372000	376000	380000	
				1860	1880	1900	
20MHz	DFT-s-OFDM PI/2 BPSK	1	1	21.19	21.06	21.21	22.50
		1	53	21.16	21.19	21.16	22.50
		1	104	21.13	21.19	21.12	22.50

		50	0	20.58	20.73	20.68	22.00
		50	28	21.20	21.07	21.13	22.50
		50	56	20.65	20.67	20.60	22.00
		100	0	20.59	20.55	20.70	22.00
	DFT-s-OFDM QPSK	1	1	21.05	21.29	21.10	22.50
		1	53	21.21	21.20	21.22	22.50
		1	104	21.25	21.20	21.22	22.50
		50	0	20.14	20.24	20.18	21.50
		50	28	21.13	21.28	21.21	22.50
		50	56	20.20	20.15	20.07	21.50
		100	0	20.14	20.17	20.27	21.50
	DFT-s-OFDM 16QAM	1	1	20.08	20.16	20.23	21.50
	DFT-s-OFDM 64QAM	1	1	18.70	18.64	18.61	20.00
	DFT-s-OFDM 256QAM	1	1	16.75	16.64	16.66	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				372000	376000	380000	
20MHz	CP-OFDM QPSK	1	1	19.64	19.72	19.75	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				371500	376000	380500	
15MHz	DFT-s-OFDM QPSK	1	1	20.97	21.08	20.93	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				371000	376000	381000	
10MHz	DFT-s-OFDM QPSK	1	1	20.98	21.07	20.99	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				370500	376000	381500	
5MHz	DFT-s-OFDM QPSK	1	1	20.88	21.09	21.02	22.50

N2 Hotspot For ENDC				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				372000	376000	380000	
				1860	1880	1900	
20MHz	DFT-s-OFDM PI/2 BPSK	1	1	20.25	20.13	20.18	21.50
		1	53	20.11	20.20	20.21	21.50
		1	104	20.17	20.17	20.15	21.50
		50	0	19.60	19.77	19.66	21.00
		50	28	20.28	20.02	20.19	21.50
		50	56	19.64	19.65	19.57	21.00
		100	0	19.56	19.56	19.72	21.00
	DFT-s-OFDM QPSK	1	1	20.05	20.31	20.15	21.50
		1	53	20.26	20.27	20.21	21.50
		1	104	20.27	20.26	20.19	21.50
		50	0	19.21	19.29	19.18	20.50

		50	28	20.10	20.29	20.22	21.50
		50	56	19.17	19.13	19.09	20.50
		100	0	19.16	19.12	19.25	20.50
	DFT-s-OFDM 16QAM	1	1	19.03	19.15	19.30	20.50
	DFT-s-OFDM 64QAM	1	1	17.74	17.71	17.62	19.00
	DFT-s-OFDM 256QAM	1	1	15.73	15.67	15.69	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				372000	376000	380000	
20MHz	CP-OFDM QPSK	1	1	18.62	18.71	18.81	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				371500	376000	380500	
15MHz	DFT-s-OFDM QPSK	1	1	19.99	20.11	19.90	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				371000	376000	381000	
10MHz	DFT-s-OFDM QPSK	1	1	20.04	20.07	19.93	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				370500	376000	381500	
5MHz	DFT-s-OFDM QPSK	1	1	20.01	20.09	19.95	21.50

N66 Body(15mm/0mm)				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				346000	349000	352000	
				1730	1745	1760	
40MHz	DFT-s-OFDM PI/2 BPSK	1	1	22.76	22.73	22.76	24.00
		1	108	22.79	22.70	22.76	24.00
		1	214	22.85	22.84	22.66	24.00
		108	0	22.31	22.31	22.29	23.50
		108	54	22.79	22.78	22.68	24.00
		108	108	22.25	22.28	22.19	23.50
		216	0	22.14	22.22	22.25	23.50
	DFT-s-OFDM QPSK	1	1	22.67	22.96	22.74	24.00
		1	108	22.83	22.88	22.77	24.00
		1	214	22.82	22.86	22.76	24.00
		108	0	21.73	21.85	21.80	23.00
		108	54	22.68	22.85	22.71	24.00
		108	108	21.80	21.70	21.68	23.00
		216	0	21.74	21.81	21.84	23.00
	DFT-s-OFDM 16QAM	1	1	21.74	21.64	21.74	23.00
DFT-s-OFDM 64QAM	1	1	20.20	20.22	20.22	21.50	

	DFT-s-OFDM 256QAM	1	1	18.25	18.14	18.27	19.50
Bandwidth	Modulation	RB size	RB offset	Channel 346000	Channel 349000	Channel 352000	Tune up
40MHz	CP-OFDM QPSK	1	1	21.32	21.26	21.36	22.50
Bandwidth	Modulation	RB size	RB offset	Channel 345000	Channel 349000	Channel 353000	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	22.58	22.69	22.50	24.00
Bandwidth	Modulation	RB size	RB offset	Channel 344500	Channel 349000	Channel 353500	Tune up
25MHz	DFT-s-OFDM QPSK	1	1	22.50	22.59	22.52	24.00
Bandwidth	Modulation	RB size	RB offset	Channel 344000	Channel 349000	Channel 354000	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	22.55	22.57	22.53	24.00
Bandwidth	Modulation	RB size	RB offset	Channel 343500	Channel 349000	Channel 354500	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	22.49	22.58	22.58	24.00
Bandwidth	Modulation	RB size	RB offset	Channel 343000	Channel 349000	Channel 355000	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	22.53	22.58	22.57	24.00
Bandwidth	Modulation	RB size	RB offset	Channel 342500	Channel 349000	Channel 355500	Tune up
5MHz	DFT-s-OFDM QPSK	1	1	22.53	22.57	22.58	24.00

N66 Head				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				346000	349000	352000	
				1730	1745	1760	
40MHz	DFT-s-OFDM PI/2 BPSK	1	1	19.83	19.71	19.75	21.00
		1	108	19.68	19.79	19.79	21.00
		1	214	19.81	19.72	19.72	21.00
		108	0	19.32	19.21	19.26	20.50
		108	54	19.75	19.78	19.73	21.00
		108	108	19.20	19.28	19.17	20.50
		216	0	19.23	19.16	19.28	20.50
	DFT-s-OFDM QPSK	1	1	19.71	19.86	19.74	21.00
		1	108	19.78	19.85	19.76	21.00
		1	214	19.76	19.75	19.69	21.00
		108	0	18.73	18.73	18.69	20.00
		108	54	19.78	19.85	19.84	21.00
		108	108	18.80	18.78	18.64	20.00
		216	0	18.69	18.87	18.79	20.00

	DFT-s-OFDM 16QAM	1	1	18.70	18.67	18.78	20.00
	DFT-s-OFDM 64QAM	1	1	17.19	17.18	17.16	18.50
	DFT-s-OFDM 256QAM	1	1	15.32	15.17	15.26	16.50
Bandwidth	Modulation	RB size	RB offset	Channel 346000	Channel 349000	Channel 352000	Tune up
40MHz	CP-OFDM QPSK	1	1	18.35	18.30	18.36	19.50
Bandwidth	Modulation	RB size	RB offset	Channel 345000	Channel 349000	Channel 353000	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	19.58	19.58	19.61	21.00
Bandwidth	Modulation	RB size	RB offset	Channel 344500	Channel 349000	Channel 353500	Tune up
25MHz	DFT-s-OFDM QPSK	1	1	19.51	19.56	19.50	21.00
Bandwidth	Modulation	RB size	RB offset	Channel 344000	Channel 349000	Channel 354000	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	19.48	19.66	19.58	21.00
Bandwidth	Modulation	RB size	RB offset	Channel 343500	Channel 349000	Channel 354500	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	19.53	19.69	19.52	21.00
Bandwidth	Modulation	RB size	RB offset	Channel 343000	Channel 349000	Channel 355000	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	19.55	19.64	19.49	21.00
Bandwidth	Modulation	RB size	RB offset	Channel 342500	Channel 349000	Channel 355500	Tune up
5MHz	DFT-s-OFDM QPSK	1	1	19.52	19.64	19.54	21.00

N66 Head For ENDC				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				346000	349000	352000	
				1730	1745	1760	
40MHz	DFT-s-OFDM PI/2 BPSK	1	1	16.88	16.75	16.81	18.00
		1	108	16.67	16.79	16.78	18.00
		1	214	16.82	16.75	16.76	18.00
		108	0	16.36	16.18	16.23	17.50
		108	54	16.72	16.76	16.74	18.00
		108	108	16.23	16.23	16.15	17.50
		216	0	16.24	16.14	16.32	17.50
	DFT-s-OFDM QPSK	1	1	16.72	16.93	16.69	18.00
		1	108	16.83	16.86	16.72	18.00
		1	214	16.81	16.73	16.74	18.00

		108	0	15.75	15.76	15.68	17.00
		108	54	16.84	16.89	16.81	18.00
		108	108	15.75	15.75	15.67	17.00
		216	0	15.69	15.90	15.78	17.00
	DFT-s-OFDM 16QAM	1	1	15.71	15.64	15.80	17.00
	DFT-s-OFDM 64QAM	1	1	14.23	14.18	14.22	15.50
	DFT-s-OFDM 256QAM	1	1	12.29	12.13	12.29	13.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				346000	349000	352000	
40MHz	CP-OFDM QPSK	1	1	15.40	15.34	15.43	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				345000	349000	353000	
30MHz	DFT-s-OFDM QPSK	1	1	16.49	16.67	16.61	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				344500	349000	353500	
25MHz	DFT-s-OFDM QPSK	1	1	16.51	16.73	16.62	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				344000	349000	354000	
20MHz	DFT-s-OFDM QPSK	1	1	16.48	16.68	16.67	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				343500	349000	354500	
15MHz	DFT-s-OFDM QPSK	1	1	16.49	16.71	16.64	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				343000	349000	355000	
10MHz	DFT-s-OFDM QPSK	1	1	16.48	16.64	16.62	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				342500	349000	355500	
5MHz	DFT-s-OFDM QPSK	1	1	16.52	16.66	16.67	18.00

N66 Hotspot/Body(15mm/0mm) For ENDC				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				346000	349000	352000	
				1730	1745	1760	
40MHz	DFT-s-OFDM PI/2 BPSK	1	1	20.74	20.65	20.79	22.00
		1	108	20.76	20.81	20.70	22.00
		1	214	20.87	20.78	20.69	22.00
		108	0	20.20	20.23	20.20	21.50
		108	54	20.77	20.72	20.74	22.00
		108	108	20.26	20.32	20.28	21.50

	DFT-s-OFDM QPSK	216	0	20.17	20.24	20.37	21.50
		1	1	20.72	20.98	20.81	22.00
		1	108	20.88	20.83	20.74	22.00
		1	214	20.80	20.82	20.70	22.00
		108	0	19.73	19.73	19.76	21.00
		108	54	20.74	20.82	20.78	22.00
		108	108	19.77	19.77	19.73	21.00
		216	0	19.73	19.84	19.79	21.00
	DFT-s-OFDM 16QAM	1	1	19.70	19.67	19.82	21.00
	DFT-s-OFDM 64QAM	1	1	18.30	18.20	18.25	19.50
	DFT-s-OFDM 256QAM	1	1	16.30	16.27	16.23	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				346000	349000	352000	
40MHz	CP-OFDM QPSK	1	1	19.35	19.26	19.32	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				345000	349000	353000	
30MHz	DFT-s-OFDM QPSK	1	1	20.47	20.57	20.61	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				344500	349000	353500	
25MHz	DFT-s-OFDM QPSK	1	1	20.59	20.67	20.54	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				344000	349000	354000	
20MHz	DFT-s-OFDM QPSK	1	1	20.53	20.61	20.54	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				343500	349000	354500	
15MHz	DFT-s-OFDM QPSK	1	1	20.60	20.57	20.57	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				343000	349000	355000	
10MHz	DFT-s-OFDM QPSK	1	1	20.55	20.57	20.58	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				342500	349000	355500	
5MHz	DFT-s-OFDM QPSK	1	1	20.48	20.69	20.60	22.00

N66 Hotspot For ENDC				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				346000	349000	352000	
				1730	1745	1760	
40MHz	DFT-s-OFDM PI/2 BPSK	1	1	18.74	18.66	18.83	20.00
		1	108	18.79	18.77	18.75	20.00

		1	214	18.83	18.77	18.73	20.00
		108	0	18.18	18.22	18.23	19.50
		108	54	18.73	18.75	18.73	20.00
		108	108	18.22	18.32	18.29	19.50
		216	0	18.17	18.19	18.38	19.50
	DFT-s-OFDM QPSK	1	1	18.75	18.94	18.83	20.00
		1	108	18.85	18.86	18.78	20.00
		1	214	18.81	18.78	18.72	20.00
		108	0	17.78	17.78	17.82	19.00
		108	54	18.79	18.82	18.80	20.00
		108	108	17.84	17.75	17.73	19.00
		216	0	17.71	17.88	17.87	19.00
	DFT-s-OFDM 16QAM	1	1	17.68	17.73	17.78	19.00
	DFT-s-OFDM 64QAM	1	1	16.33	16.17	16.33	17.50
	DFT-s-OFDM 256QAM	1	1	14.27	14.23	14.28	15.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				346000	349000	352000	
40MHz	CP-OFDM QPSK	1	1	17.40	17.24	17.30	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				345000	349000	353000	
30MHz	DFT-s-OFDM QPSK	1	1	18.55	18.61	18.52	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				344500	349000	353500	
25MHz	DFT-s-OFDM QPSK	1	1	18.56	18.68	18.49	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				344000	349000	354000	
20MHz	DFT-s-OFDM QPSK	1	1	18.54	18.68	18.54	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				343500	349000	354500	
15MHz	DFT-s-OFDM QPSK	1	1	18.52	18.60	18.54	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				343000	349000	355000	
10MHz	DFT-s-OFDM QPSK	1	1	18.47	18.65	18.46	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				342500	349000	355500	
5MHz	DFT-s-OFDM QPSK	1	1	18.52	18.59	18.48	20.00

N48 Head				Conducted Power(dBm)			
SCS 30kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				640000	641666	643332	
				3600	3624.99	3649.98	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	17.47	17.37	17.30	18.00
		1	137	17.38	17.38	17.33	18.00
		1	271	17.45	17.34	17.36	18.00
		135	0	16.91	16.93	16.82	17.50
		135	69	17.34	17.30	17.41	18.00
		135	138	16.80	16.82	16.84	17.50
		270	0	16.77	16.77	16.92	17.50
	DFT-s-OFDM QPSK	1	1	17.34	17.58	17.41	18.00
		1	137	17.42	17.45	17.42	18.00
		1	271	17.43	17.45	17.38	18.00
		135	0	16.40	16.35	16.39	17.00
		135	69	17.36	17.52	17.41	18.00
		135	138	16.46	16.39	16.31	17.00
		270	0	16.27	16.37	16.41	17.00
	DFT-s-OFDM 16QAM	1	1	16.37	16.28	16.39	17.00
	DFT-s-OFDM 64QAM	1	1	14.89	14.75	14.80	15.50
	DFT-s-OFDM 256QAM	1	1	12.87	12.74	12.88	13.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				640000	641666	643332	
100MHz	CP-OFDM QPSK	1	1	15.89	15.85	15.93	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				639668	641666	643666	
90MHz	DFT-s-OFDM QPSK	1	1	17.17	17.18	17.20	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				639334	641666	644000	
80MHz	DFT-s-OFDM QPSK	1	1	17.08	17.26	17.11	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				638668	641666	644666	
60MHz	DFT-s-OFDM QPSK	1	1	17.19	17.18	17.13	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				638334	641666	645000	
50MHz	DFT-s-OFDM QPSK	1	1	17.18	17.27	17.19	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				638000	641666	645332	
40MHz	DFT-s-OFDM QPSK	1	1	17.12	17.23	17.11	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				637334	641666	646000	

20MHz	DFT-s-OFDM QPSK	1	1	17.10	17.16	17.13	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				637168	641666	646166	
15MHz	DFT-s-OFDM QPSK	1	1	17.09	17.16	17.19	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				637000	641666	646332	
10MHz	DFT-s-OFDM QPSK	1	1	17.12	17.27	17.16	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				636834	641666	646500	
5MHz	DFT-s-OFDM QPSK	1	1	17.17	17.17	17.13	18.00

N48 Body(15mm/0mm)				Conducted Power(dBm)			
SCS 30kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				640000	641666	643332	
				3600	3624.99	3649.98	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	19.41	19.28	19.40	20.00
		1	137	19.35	19.33	19.41	20.00
		1	271	19.35	19.35	19.28	20.00
		135	0	18.83	18.90	18.84	19.50
		135	69	19.34	19.31	19.29	20.00
		135	138	18.84	18.89	18.85	19.50
		270	0	18.77	18.77	18.85	19.50
	DFT-s-OFDM QPSK	1	1	19.26	19.59	19.43	20.00
		1	137	19.42	19.43	19.41	20.00
		1	271	19.39	19.37	19.39	20.00
		135	0	18.32	18.32	18.33	19.00
		135	69	19.28	19.57	19.33	20.00
		135	138	18.38	18.38	18.34	19.00
		270	0	18.29	18.47	18.35	19.00
	DFT-s-OFDM 16QAM	1	1	18.28	18.24	18.35	19.00
	DFT-s-OFDM 64QAM	1	1	16.81	16.76	16.89	17.50
	DFT-s-OFDM 256QAM	1	1	14.92	14.79	14.80	15.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				640000	641666	643332	
100MHz	CP-OFDM QPSK	1	1	17.86	17.85	17.85	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				639668	641666	643666	
90MHz	DFT-s-OFDM QPSK	1	1	19.11	19.20	19.14	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				639334	641666	644000	

80MHz	DFT-s-OFDM QPSK	1	1	19.14	19.17	19.08	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				638668	641666	644666	
60MHz	DFT-s-OFDM QPSK	1	1	19.15	19.19	19.14	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				638334	641666	645000	
50MHz	DFT-s-OFDM QPSK	1	1	19.10	19.29	19.12	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				638000	641666	645332	
40MHz	DFT-s-OFDM QPSK	1	1	19.18	19.28	19.14	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				637334	641666	646000	
20MHz	DFT-s-OFDM QPSK	1	1	19.18	19.19	19.17	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				637168	641666	646166	
15MHz	DFT-s-OFDM QPSK	1	1	19.08	19.24	19.16	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				637000	641666	646332	
10MHz	DFT-s-OFDM QPSK	1	1	19.19	19.22	19.16	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				636834	641666	646500	
5MHz	DFT-s-OFDM QPSK	1	1	19.08	19.24	19.15	20.00

N48 Hotspot				Conducted Power(dBm)			
SCS 30kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				640000	641666	643332	
				3600	3624.99	3649.98	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	16.38	16.35	16.34	17.00
		1	137	16.30	16.30	16.32	17.00
		1	271	16.36	16.38	16.30	17.00
		135	0	15.81	15.84	15.82	16.50
		135	69	16.38	16.39	16.37	17.00
		135	138	15.85	15.85	15.84	16.50
		270	0	15.78	15.85	15.94	16.50
	DFT-s-OFDM QPSK	1	1	16.30	16.56	16.39	17.00
		1	137	16.42	16.40	16.40	17.00
		1	271	16.33	16.44	16.37	17.00
		135	0	15.31	15.39	15.37	16.00
		135	69	16.24	16.49	16.32	17.00
		135	138	15.45	15.42	15.34	16.00
		270	0	15.28	15.46	15.41	16.00

	DFT-s-OFDM 16QAM	1	1	15.24	15.25	15.42	16.00
	DFT-s-OFDM 64QAM	1	1	13.81	13.79	13.90	14.50
	DFT-s-OFDM 256QAM	1	1	11.97	11.74	11.84	12.50
Bandwidth	Modulation	RB size	RB offset	Channel 640000	Channel 641666	Channel 643332	Tune up
100MHz	CP-OFDM QPSK	1	1	14.89	14.94	14.83	15.50
Bandwidth	Modulation	RB size	RB offset	Channel 639668	Channel 641666	Channel 643666	Tune up
90MHz	DFT-s-OFDM QPSK	1	1	16.11	16.28	16.10	17.00
Bandwidth	Modulation	RB size	RB offset	Channel 639334	Channel 641666	Channel 644000	Tune up
80MHz	DFT-s-OFDM QPSK	1	1	16.09	16.23	16.16	17.00
Bandwidth	Modulation	RB size	RB offset	Channel 638668	Channel 641666	Channel 644666	Tune up
60MHz	DFT-s-OFDM QPSK	1	1	16.17	16.26	16.18	17.00
Bandwidth	Modulation	RB size	RB offset	Channel 638334	Channel 641666	Channel 645000	Tune up
50MHz	DFT-s-OFDM QPSK	1	1	16.09	16.29	16.11	17.00
Bandwidth	Modulation	RB size	RB offset	Channel 638000	Channel 641666	Channel 645332	Tune up
40MHz	DFT-s-OFDM QPSK	1	1	16.10	16.23	16.16	17.00
Bandwidth	Modulation	RB size	RB offset	Channel 637334	Channel 641666	Channel 646000	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	16.17	16.26	16.16	17.00
Bandwidth	Modulation	RB size	RB offset	Channel 637168	Channel 641666	Channel 646166	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	16.16	16.22	16.12	17.00
Bandwidth	Modulation	RB size	RB offset	Channel 637000	Channel 641666	Channel 646332	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	16.16	16.28	16.16	17.00
Bandwidth	Modulation	RB size	RB offset	Channel 636834	Channel 641666	Channel 646500	Tune up
5MHz	DFT-s-OFDM QPSK	1	1	16.10	16.18	16.19	17.00

N78 Head				Conducted Power(dBm)			
SCS 30kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	16.87	/	18.00
		1	137	/	16.90	/	18.00
		1	271	/	16.89	/	18.00
		135	0	/	16.33	/	17.50
		135	69	/	16.86	/	18.00
		135	138	/	16.35	/	17.50
		270	0	/	16.33	/	17.50
	DFT-s-OFDM QPSK	1	1	/	17.07	/	18.00
		1	137	/	16.85	/	18.00
		1	271	/	16.97	/	18.00
		135	0	/	15.84	/	17.00
		135	69	/	16.97	/	18.00
		135	138	/	15.87	/	17.00
		270	0	/	15.87	/	17.00
	DFT-s-OFDM 16QAM	1	1	/	15.73	/	17.00
	DFT-s-OFDM 64QAM	1	1	/	14.36	/	15.50
	DFT-s-OFDM 256QAM	1	1	/	12.27	/	13.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1	/	15.36	/	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				633000	633334	633668	
90MHz	DFT-s-OFDM QPSK	1	1	16.59	16.70	16.62	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632668	633334	634000	
80MHz	DFT-s-OFDM QPSK	1	1	16.66	16.69	16.67	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632334	633334	634332	
70MHz	DFT-s-OFDM QPSK	1	1	16.64	16.80	16.69	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	
60MHz	DFT-s-OFDM QPSK	1	1	16.56	16.80	16.63	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631668	633334	635000	
50MHz	DFT-s-OFDM QPSK	1	1	16.67	16.72	16.68	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up

				631334	633334	635334	
40MHz	DFT-s-OFDM QPSK	1	1	16.60	16.76	16.68	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631000	633334	635668	
30MHz	DFT-s-OFDM QPSK	1	1	16.62	16.74	16.60	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630917	633334	635751	
25MHz	DFT-s-OFDM QPSK	1	1	16.60	16.75	16.71	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	16.61	16.76	16.71	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630500	633334	636166	
15MHz	DFT-s-OFDM QPSK	1	1	16.66	16.73	16.63	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630334	633334	636332	
10MHz	DFT-s-OFDM QPSK	1	1	16.66	16.79	16.59	18.00

N78 Body(15mm/0mm)				Conducted Power(dBm)			
SCS 30kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	18.80	/	20.00
		1	137	/	18.86	/	20.00
		1	271	/	18.81	/	20.00
		135	0	/	18.41	/	19.50
		135	69	/	18.81	/	20.00
		135	138	/	18.44	/	19.50
		270	0	/	18.35	/	19.50
	DFT-s-OFDM QPSK	1	1	/	18.96	/	20.00
		1	137	/	18.95	/	20.00
		1	271	/	18.91	/	20.00
		135	0	/	17.93	/	19.00
		135	69	/	18.93	/	20.00
		135	138	/	17.84	/	19.00
		270	0	/	17.96	/	19.00
	DFT-s-OFDM 16QAM	1	1	/	17.83	/	19.00
	DFT-s-OFDM 64QAM	1	1	/	16.25	/	17.50
	DFT-s-OFDM 256QAM	1	1	/	14.32	/	15.50

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1	/	17.35	/	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				633000	633334	633668	
90MHz	DFT-s-OFDM QPSK	1	1	18.65	18.79	18.63	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632668	633334	634000	
80MHz	DFT-s-OFDM QPSK	1	1	18.69	18.67	18.71	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632334	633334	634332	
70MHz	DFT-s-OFDM QPSK	1	1	18.68	18.70	18.62	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	
60MHz	DFT-s-OFDM QPSK	1	1	18.65	18.79	18.68	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631668	633334	635000	
50MHz	DFT-s-OFDM QPSK	1	1	18.68	18.79	18.62	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
40MHz	DFT-s-OFDM QPSK	1	1	18.60	18.79	18.63	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631000	633334	635668	
30MHz	DFT-s-OFDM QPSK	1	1	18.60	18.68	18.64	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630917	633334	635751	
25MHz	DFT-s-OFDM QPSK	1	1	18.60	18.67	18.68	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	18.58	18.74	18.58	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630500	633334	636166	
15MHz	DFT-s-OFDM QPSK	1	1	18.65	18.77	18.59	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630334	633334	636332	
10MHz	DFT-s-OFDM QPSK	1	1	18.61	18.75	18.63	20.00

N78 Hotspot				Conducted Power(dBm)			
SCS 30kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	17.79	/	19.00
		1	137	/	17.75	/	19.00
		1	271	/	17.91	/	19.00
		135	0	/	17.42	/	18.50
		135	69	/	17.77	/	19.00
		135	138	/	17.37	/	18.50
		270	0	/	17.27	/	18.50
	DFT-s-OFDM QPSK	1	1	/	18.01	/	19.00
		1	137	/	17.88	/	19.00
		1	271	/	17.86	/	19.00
		135	0	/	16.82	/	18.00
		135	69	/	17.93	/	19.00
		135	138	/	16.78	/	18.00
		270	0	/	16.80	/	18.00
	DFT-s-OFDM 16QAM	1	1	/	16.74	/	18.00
	DFT-s-OFDM 64QAM	1	1	/	15.31	/	16.50
	DFT-s-OFDM 256QAM	1	1	/	13.24	/	14.50
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
/					633334	/	
100MHz	CP-OFDM QPSK	1	1	/	16.34	/	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				633000	633334	633668	
90MHz	DFT-s-OFDM QPSK	1	1	17.54	17.63	17.62	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632668	633334	634000	
80MHz	DFT-s-OFDM QPSK	1	1	17.57	17.62	17.58	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632334	633334	634332	
70MHz	DFT-s-OFDM QPSK	1	1	17.57	17.65	17.60	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	
60MHz	DFT-s-OFDM QPSK	1	1	17.54	17.62	17.60	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631668	633334	635000	
50MHz	DFT-s-OFDM QPSK	1	1	17.52	17.64	17.60	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up

				631334	633334	635334	
40MHz	DFT-s-OFDM QPSK	1	1	17.59	17.63	17.60	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631000	633334	635668	
30MHz	DFT-s-OFDM QPSK	1	1	17.57	17.62	17.66	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630917	633334	635751	
25MHz	DFT-s-OFDM QPSK	1	1	17.64	17.64	17.64	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	17.61	17.64	17.62	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630500	633334	636166	
15MHz	DFT-s-OFDM QPSK	1	1	17.56	17.70	17.62	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630334	633334	636332	
10MHz	DFT-s-OFDM QPSK	1	1	17.59	17.65	17.66	19.00

N78 Hotspot For ENDC				Conducted Power(dBm)			
SCS 30kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	15.91	/	17.00
		1	137	/	15.90	/	17.00
		1	271	/	15.91	/	17.00
		135	0	/	15.40	/	16.50
		135	69	/	15.88	/	17.00
		135	138	/	15.40	/	16.50
		270	0	/	15.28	/	16.50
	DFT-s-OFDM QPSK	1	1	/	16.12	/	17.00
		1	137	/	15.89	/	17.00
		1	271	/	16.03	/	17.00
		135	0	/	14.86	/	16.00
		135	69	/	15.93	/	17.00
		135	138	/	14.86	/	16.00
		270	0	/	14.93	/	16.00
	DFT-s-OFDM 16QAM	1	1	/	14.75	/	16.00
	DFT-s-OFDM 64QAM	1	1	/	13.41	/	14.50
	DFT-s-OFDM 256QAM	1	1	/	11.25	/	12.50

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1	/	14.38	/	15.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				633000	633334	633668	
90MHz	DFT-s-OFDM QPSK	1	1	15.55	15.70	15.64	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632668	633334	634000	
80MHz	DFT-s-OFDM QPSK	1	1	15.58	15.66	15.62	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632334	633334	634332	
70MHz	DFT-s-OFDM QPSK	1	1	15.63	15.71	15.64	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	
60MHz	DFT-s-OFDM QPSK	1	1	15.62	15.71	15.57	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631668	633334	635000	
50MHz	DFT-s-OFDM QPSK	1	1	15.59	15.74	15.70	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
40MHz	DFT-s-OFDM QPSK	1	1	15.61	15.76	15.67	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631000	633334	635668	
30MHz	DFT-s-OFDM QPSK	1	1	15.59	15.66	15.65	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630917	633334	635751	
25MHz	DFT-s-OFDM QPSK	1	1	15.55	15.73	15.57	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	15.55	15.70	15.58	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630500	633334	636166	
15MHz	DFT-s-OFDM QPSK	1	1	15.63	15.65	15.60	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630334	633334	636332	
10MHz	DFT-s-OFDM QPSK	1	1	15.54	15.76	15.69	17.00

7.4 Conducted Power of NR Antenna (Ant4)

N7 Head				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				505000	507000	509000	
				2525	2535	2545	
50MHz	DFT-s-OFDM PI/2 BPSK	1	1	16.18	16.05	16.09	17.50
		1	135	16.16	16.15	16.17	17.50
		1	268	16.22	16.11	16.17	17.50
		135	0	15.64	15.60	15.62	17.00
		135	68	16.20	16.11	16.07	17.50
		135	135	15.59	15.70	15.64	17.00
		270	0	15.57	15.59	15.70	17.00
	DFT-s-OFDM QPSK	1	1	16.13	16.48	16.24	17.50
		1	135	16.29	16.21	16.20	17.50
		1	268	16.17	16.19	16.21	17.50
		135	0	15.11	15.13	15.11	16.50
		135	68	16.06	16.22	16.17	17.50
		135	135	15.23	15.16	15.08	16.50
		270	0	15.14	15.27	15.27	16.50
	DFT-s-OFDM 16QAM	1	1	15.05	15.06	15.23	16.50
	DFT-s-OFDM 64QAM	1	1	13.68	13.60	13.59	15.00
	DFT-s-OFDM 256QAM	1	1	11.76	11.57	11.67	13.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				505000	507000	509000	
50MHz	CP-OFDM QPSK	1	1	14.71	14.72	14.76	16.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				504000	507000	510000	
40MHz	DFT-s-OFDM QPSK	1	1	15.99	16.01	15.98	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				503000	507000	511000	
30MHz	DFT-s-OFDM QPSK	1	1	15.95	16.08	15.91	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				502500	507000	511500	
25MHz	DFT-s-OFDM QPSK	1	1	15.93	15.97	15.93	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				502000	507000	512000	
20MHz	DFT-s-OFDM QPSK	1	1	15.98	15.98	15.94	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				501500	507000	512500	

15MHz	DFT-s-OFDM QPSK	1	1	16.00	16.06	15.97	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				501000	507000	513000	
10MHz	DFT-s-OFDM QPSK	1	1	15.98	16.01	15.91	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				500500	507000	513500	
5MHz	DFT-s-OFDM QPSK	1	1	15.97	16.00	15.89	17.50

N7 Head For ENDC				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				505000	507000	509000	
				2525	2535	2545	
50MHz	DFT-s-OFDM PI/2 BPSK	1	1	14.74	14.54	14.60	16.00
		1	135	14.72	14.60	14.68	16.00
		1	268	14.67	14.58	14.64	16.00
		135	0	14.21	14.06	14.08	15.50
		135	68	14.70	14.60	14.53	16.00
		135	135	14.11	14.16	14.10	15.50
		270	0	14.15	14.10	14.21	15.50
	DFT-s-OFDM QPSK	1	1	14.68	14.98	14.70	16.00
		1	135	14.83	14.71	14.75	16.00
		1	268	14.72	14.66	14.78	16.00
		135	0	13.61	13.65	13.61	15.00
		135	68	14.57	14.72	14.70	16.00
		135	135	13.72	13.69	13.59	15.00
		270	0	13.62	13.75	13.80	15.00
	DFT-s-OFDM 16QAM	1	1	13.57	13.59	13.77	15.00
	DFT-s-OFDM 64QAM	1	1	12.23	12.13	12.12	13.50
	DFT-s-OFDM 256QAM	1	1	10.33	10.07	10.17	11.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				505000	507000	509000	
50MHz	CP-OFDM QPSK	1	1	13.20	13.24	13.27	14.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				504000	507000	510000	
40MHz	DFT-s-OFDM QPSK	1	1	14.55	14.48	14.49	16.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				503000	507000	511000	
30MHz	DFT-s-OFDM QPSK	1	1	14.54	14.55	14.46	16.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				502500	507000	511500	

25MHz	DFT-s-OFDM QPSK	1	1	14.52	14.49	14.49	16.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				502000	507000	512000	
20MHz	DFT-s-OFDM QPSK	1	1	14.52	14.55	14.43	16.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				501500	507000	512500	
15MHz	DFT-s-OFDM QPSK	1	1	14.48	14.48	14.50	16.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				501000	507000	513000	
10MHz	DFT-s-OFDM QPSK	1	1	14.52	14.47	14.46	16.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				500500	507000	513500	
5MHz	DFT-s-OFDM QPSK	1	1	14.44	14.51	14.44	16.00

N7 Body(15mm/0mm)				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				505000	507000	509000	
				2525	2535	2545	
50MHz	DFT-s-OFDM PI/2 BPSK	1	1	18.26	18.04	18.21	19.50
		1	135	18.17	18.21	18.17	19.50
		1	268	18.16	18.20	18.04	19.50
		135	0	17.63	17.65	17.61	19.00
		135	68	18.22	18.15	18.08	19.50
		135	135	17.65	17.62	17.55	19.00
		270	0	17.68	17.60	17.76	19.00
	DFT-s-OFDM QPSK	1	1	18.11	18.32	18.17	19.50
		1	135	18.21	18.28	18.20	19.50
		1	268	18.18	18.16	18.21	19.50
		135	0	17.21	17.17	17.15	18.50
		135	68	18.11	18.26	18.10	19.50
		135	135	17.24	17.14	17.09	18.50
		270	0	17.07	17.21	17.18	18.50
	DFT-s-OFDM 16QAM	1	1	17.11	17.09	17.21	18.50
	DFT-s-OFDM 64QAM	1	1	15.69	15.61	15.61	17.00
	DFT-s-OFDM 256QAM	1	1	13.66	13.54	13.56	15.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				505000	507000	509000	
50MHz	CP-OFDM QPSK	1	1	16.71	16.76	16.69	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				504000	507000	510000	

40MHz	DFT-s-OFDM QPSK	1	1	17.91	18.06	17.97	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				503000	507000	511000	
30MHz	DFT-s-OFDM QPSK	1	1	17.89	18.01	17.95	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				502500	507000	511500	
25MHz	DFT-s-OFDM QPSK	1	1	17.95	18.03	17.96	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				502000	507000	512000	
20MHz	DFT-s-OFDM QPSK	1	1	17.87	17.97	17.96	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				501500	507000	512500	
15MHz	DFT-s-OFDM QPSK	1	1	17.96	18.01	17.99	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				501000	507000	513000	
10MHz	DFT-s-OFDM QPSK	1	1	17.93	18.08	17.94	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				500500	507000	513500	
5MHz	DFT-s-OFDM QPSK	1	1	17.89	18.03	18.00	19.50

N7 Body(15mm/0mm) For ENDC				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				505000	507000	509000	
				2525	2535	2545	
50MHz	DFT-s-OFDM PI/2 BPSK	1	1	17.73	17.54	17.67	19.00
		1	135	17.74	17.78	17.67	19.00
		1	268	17.69	17.68	17.57	19.00
		135	0	17.08	17.14	17.18	18.50
		135	68	17.70	17.69	17.66	19.00
		135	135	17.12	17.07	17.09	18.50
		270	0	17.14	17.18	17.28	18.50
	DFT-s-OFDM QPSK	1	1	17.65	17.84	17.65	19.00
		1	135	17.77	17.80	17.69	19.00
		1	268	17.71	17.67	17.77	19.00
		135	0	16.72	16.65	16.70	18.00
		135	68	17.59	17.75	17.62	19.00
		135	135	16.72	16.62	16.62	18.00
		270	0	16.63	16.78	16.73	18.00
	DFT-s-OFDM 16QAM	1	1	16.63	16.67	16.72	18.00
DFT-s-OFDM 64QAM	1	1	15.20	15.10	15.16	16.50	

	DFT-s-OFDM 256QAM	1	1	13.13	13.05	13.09	14.50
Bandwidth	Modulation	RB size	RB offset	Channel 505000	Channel 507000	Channel 509000	Tune up
50MHz	CP-OFDM QPSK	1	1	16.21	16.32	16.18	17.50
Bandwidth	Modulation	RB size	RB offset	Channel 504000	Channel 507000	Channel 510000	Tune up
40MHz	DFT-s-OFDM QPSK	1	1	17.37	17.52	17.53	19.00
Bandwidth	Modulation	RB size	RB offset	Channel 503000	Channel 507000	Channel 511000	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	17.40	17.51	17.44	19.00
Bandwidth	Modulation	RB size	RB offset	Channel 502500	Channel 507000	Channel 511500	Tune up
25MHz	DFT-s-OFDM QPSK	1	1	17.43	17.52	17.43	19.00
Bandwidth	Modulation	RB size	RB offset	Channel 502000	Channel 507000	Channel 512000	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	17.38	17.63	17.50	19.00
Bandwidth	Modulation	RB size	RB offset	Channel 501500	Channel 507000	Channel 512500	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	17.49	17.63	17.51	19.00
Bandwidth	Modulation	RB size	RB offset	Channel 501000	Channel 507000	Channel 513000	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	17.44	17.64	17.48	19.00
Bandwidth	Modulation	RB size	RB offset	Channel 500500	Channel 507000	Channel 513500	Tune up
5MHz	DFT-s-OFDM QPSK	1	1	17.40	17.54	17.44	19.00

N7 Hotspot				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				505000	507000	509000	
				2525	2535	2545	
50MHz	DFT-s-OFDM PI/2 BPSK	1	1	17.22	17.05	17.12	18.50
		1	135	17.16	17.16	17.15	18.50
		1	268	17.24	17.14	17.15	18.50
		135	0	16.69	16.63	16.57	18.00
		135	68	17.15	17.20	17.10	18.50
		135	135	16.64	16.62	16.64	18.00
		270	0	16.68	16.58	16.75	18.00
	DFT-s-OFDM QPSK	1	1	17.06	17.33	17.21	18.50
		1	135	17.29	17.17	17.21	18.50
		1	268	17.21	17.23	17.22	18.50
		135	0	16.19	16.26	16.06	17.50

		135	68	17.09	17.24	17.22	18.50
		135	135	16.29	16.11	16.16	17.50
		270	0	16.13	16.26	16.23	17.50
	DFT-s-OFDM 16QAM	1	1	16.14	16.17	16.13	17.50
	DFT-s-OFDM 64QAM	1	1	14.59	14.68	14.64	16.00
	DFT-s-OFDM 256QAM	1	1	12.68	12.63	12.69	14.00
Bandwidth	Modulation	RB size	RB offset	Channel 505000	Channel 507000	Channel 509000	Tune up
50MHz	CP-OFDM QPSK	1	1	15.70	15.75	15.62	17.00
Bandwidth	Modulation	RB size	RB offset	Channel 504000	Channel 507000	Channel 510000	Tune up
40MHz	DFT-s-OFDM QPSK	1	1	16.92	17.06	16.89	18.50
Bandwidth	Modulation	RB size	RB offset	Channel 503000	Channel 507000	Channel 511000	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	16.98	17.10	16.89	18.50
Bandwidth	Modulation	RB size	RB offset	Channel 502500	Channel 507000	Channel 511500	Tune up
25MHz	DFT-s-OFDM QPSK	1	1	16.91	17.01	16.96	18.50
Bandwidth	Modulation	RB size	RB offset	Channel 502000	Channel 507000	Channel 512000	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	16.92	17.08	16.93	18.50
Bandwidth	Modulation	RB size	RB offset	Channel 501500	Channel 507000	Channel 512500	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	16.96	17.09	16.99	18.50
Bandwidth	Modulation	RB size	RB offset	Channel 501000	Channel 507000	Channel 513000	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	16.93	17.02	16.98	18.50
Bandwidth	Modulation	RB size	RB offset	Channel 500500	Channel 507000	Channel 513500	Tune up
5MHz	DFT-s-OFDM QPSK	1	1	16.99	17.07	17.00	18.50

N7 Hotspot For ENDC				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				505000	507000	509000	
				2525	2535	2545	
50MHz	DFT-s-OFDM PI/2 BPSK	1	1	15.70	15.53	15.66	17.00
		1	135	15.70	15.69	15.63	17.00
		1	268	15.77	15.71	15.66	17.00
		135	0	15.17	15.12	15.06	16.50

		135	68	15.67	15.71	15.68	17.00
		135	135	15.20	15.19	15.20	16.50
		270	0	15.21	15.15	15.24	16.50
	DFT-s-OFDM QPSK	1	1	15.55	15.90	15.70	17.00
		1	135	15.83	15.64	15.77	17.00
		1	268	15.70	15.73	15.76	17.00
		135	0	14.72	14.80	14.56	16.00
		135	68	15.67	15.73	15.70	17.00
		135	135	14.74	14.57	14.66	16.00
		270	0	14.59	14.74	14.74	16.00
		DFT-s-OFDM 16QAM	1	1	14.61	14.65	14.66
	DFT-s-OFDM 64QAM	1	1	13.11	13.24	13.18	14.50
	DFT-s-OFDM 256QAM	1	1	11.18	11.11	11.25	12.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				505000	507000	509000	
50MHz	CP-OFDM QPSK	1	1	14.24	14.31	14.09	15.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				504000	507000	510000	
40MHz	DFT-s-OFDM QPSK	1	1	15.44	15.61	15.44	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				503000	507000	511000	
30MHz	DFT-s-OFDM QPSK	1	1	15.41	15.61	15.37	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				502500	507000	511500	
25MHz	DFT-s-OFDM QPSK	1	1	15.39	15.57	15.46	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				502000	507000	512000	
20MHz	DFT-s-OFDM QPSK	1	1	15.43	15.53	15.40	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				501500	507000	512500	
15MHz	DFT-s-OFDM QPSK	1	1	15.39	15.60	15.45	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				501000	507000	513000	
10MHz	DFT-s-OFDM QPSK	1	1	15.39	15.54	15.45	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				500500	507000	513500	
5MHz	DFT-s-OFDM QPSK	1	1	15.47	15.61	15.40	17.00

N41 Head				Conducted Power(dBm)			
SCS 30kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				509202	518598	528000	
				2546.01	2592.99	2640	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	15.83	15.67	15.73	17.00
		1	137	15.68	15.72	15.74	17.00
		1	271	15.74	15.82	15.74	17.00
		135	0	15.31	15.22	15.28	16.50
		135	69	15.84	15.73	15.69	17.00
		135	138	15.22	15.21	15.19	16.50
		270	0	15.24	15.25	15.31	16.50
	DFT-s-OFDM QPSK	1	1	15.66	15.97	15.80	17.00
		1	137	15.84	15.79	15.84	17.00
		1	271	15.83	15.88	15.73	17.00
		135	0	14.70	14.85	14.70	16.00
		135	69	15.72	15.92	15.83	17.00
		135	138	14.80	14.73	14.72	16.00
		270	0	14.66	14.77	14.80	16.00
	DFT-s-OFDM 16QAM	1	1	14.71	14.66	14.77	16.00
	DFT-s-OFDM 64QAM	1	1	13.25	13.18	13.28	14.50
	DFT-s-OFDM 256QAM	1	1	11.27	11.25	11.25	12.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				509202	518598	528000	
100MHz	CP-OFDM QPSK	1	1	14.32	14.29	14.31	15.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				508200	518598	528996	
90MHz	DFT-s-OFDM QPSK	1	1	15.51	15.63	15.58	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				507204	518598	529998	
80MHz	DFT-s-OFDM QPSK	1	1	15.56	15.68	15.48	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				506202	518598	531000	
70MHz	DFT-s-OFDM QPSK	1	1	15.50	15.58	15.58	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				505200	518598	531996	
60MHz	DFT-s-OFDM QPSK	1	1	15.58	15.68	15.50	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				504204	518598	532998	

50MHz	DFT-s-OFDM QPSK	1	1	15.54	15.59	15.48	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				503706	518598	533496	
45MHz	DFT-s-OFDM QPSK	1	1	15.56	15.57	15.53	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				503202	518598	534000	
40MHz	DFT-s-OFDM QPSK	1	1	15.53	15.65	15.59	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				502704	518598	534504	
35MHz	DFT-s-OFDM QPSK	1	1	15.59	15.59	15.55	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				502200	518598	534996	
30MHz	DFT-s-OFDM QPSK	1	1	15.53	15.68	15.57	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				501702	518598	535500	
25MHz	DFT-s-OFDM QPSK	1	1	15.54	15.68	15.57	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				501204	518598	535998	
20MHz	DFT-s-OFDM QPSK	1	1	15.54	15.68	15.53	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				500700	518598	536496	
15MHz	DFT-s-OFDM QPSK	1	1	15.50	15.62	15.59	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				500202	518598	537000	
10MHz	DFT-s-OFDM QPSK	1	1	15.60	15.59	15.54	17.00

N41 Body(15mm/0mm)				Conducted Power(dBm)			
SCS 30kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				509202	518598	528000	
				2546.01	2592.99	2640	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	19.26	19.15	19.22	20.50
		1	137	19.21	19.31	19.24	20.50
		1	271	19.24	19.34	19.21	20.50
		135	0	18.73	18.73	18.77	20.00
		135	69	19.27	19.27	19.22	20.50
		135	138	18.75	18.71	18.73	20.00
	270	0	18.72	18.69	18.78	20.00	
	DFT-s-OFDM QPSK	1	1	19.19	19.49	19.21	20.50
		1	137	19.29	19.32	19.27	20.50
		1	271	19.23	19.36	19.29	20.50
135		0	18.31	18.25	18.21	19.50	

		135	69	19.15	19.38	19.21	20.50
		135	138	18.32	18.29	18.19	19.50
		270	0	18.18	18.35	18.35	19.50
	DFT-s-OFDM 16QAM	1	1	18.28	18.20	18.36	19.50
	DFT-s-OFDM 64QAM	1	1	16.72	16.66	16.73	18.00
	DFT-s-OFDM 256QAM	1	1	14.83	14.69	14.66	16.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				509202	518598	528000	
100MHz	CP-OFDM QPSK	1	1	17.77	17.86	17.80	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				508200	518598	528996	
90MHz	DFT-s-OFDM QPSK	1	1	19.02	19.07	19.02	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				507204	518598	529998	
80MHz	DFT-s-OFDM QPSK	1	1	19.04	19.10	19.00	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				506202	518598	531000	
70MHz	DFT-s-OFDM QPSK	1	1	18.98	19.13	19.05	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				505200	518598	531996	
60MHz	DFT-s-OFDM QPSK	1	1	19.01	19.13	19.00	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				504204	518598	532998	
50MHz	DFT-s-OFDM QPSK	1	1	19.04	19.15	19.03	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				503706	518598	533496	
45MHz	DFT-s-OFDM QPSK	1	1	19.07	19.14	19.12	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				503202	518598	534000	
40MHz	DFT-s-OFDM QPSK	1	1	19.02	19.19	19.04	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				502704	518598	534504	
35MHz	DFT-s-OFDM QPSK	1	1	19.10	19.20	19.10	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				502200	518598	534996	
30MHz	DFT-s-OFDM QPSK	1	1	19.02	19.16	19.11	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				501702	518598	535500	



25MHz	DFT-s-OFDM QPSK	1	1	18.97	19.09	19.10	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				501204	518598	535998	
20MHz	DFT-s-OFDM QPSK	1	1	18.97	19.13	19.03	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				500700	518598	536496	
15MHz	DFT-s-OFDM QPSK	1	1	19.07	19.15	19.10	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				500202	518598	537000	
10MHz	DFT-s-OFDM QPSK	1	1	19.03	19.12	19.07	20.50

N41 Hotspot				Conducted Power(dBm)			
SCS 30kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				509202	518598	528000	
				2546.01	2592.99	2640	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	17.35	17.22	17.27	18.50
		1	137	17.19	17.31	17.20	18.50
		1	271	17.35	17.25	17.23	18.50
		135	0	16.73	16.78	16.70	18.00
		135	69	17.28	17.26	17.25	18.50
		135	138	16.76	16.80	16.77	18.00
		270	0	16.67	16.67	16.86	18.00
	DFT-s-OFDM QPSK	1	1	17.16	17.43	17.26	18.50
		1	137	17.29	17.34	17.33	18.50
		1	271	17.26	17.27	17.28	18.50
		135	0	16.20	16.34	16.23	17.50
		135	69	17.22	17.40	17.28	18.50
		135	138	16.29	16.23	16.25	17.50
		270	0	16.23	16.27	16.29	17.50
	DFT-s-OFDM 16QAM	1	1	16.17	16.14	16.33	17.50
	DFT-s-OFDM 64QAM	1	1	14.67	14.76	14.71	16.00
	DFT-s-OFDM 256QAM	1	1	12.79	12.63	12.73	14.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				509202	518598	528000	
100MHz	CP-OFDM QPSK	1	1	15.75	15.85	15.83	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				508200	518598	528996	
90MHz	DFT-s-OFDM QPSK	1	1	17.01	17.17	17.10	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up

				507204	518598	529998	
80MHz	DFT-s-OFDM QPSK	1	1	16.99	17.20	17.07	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				506202	518598	531000	
70MHz	DFT-s-OFDM QPSK	1	1	17.06	17.20	16.98	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				505200	518598	531996	
60MHz	DFT-s-OFDM QPSK	1	1	17.02	17.15	17.10	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				504204	518598	532998	
50MHz	DFT-s-OFDM QPSK	1	1	17.07	17.17	17.03	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				503706	518598	533496	
45MHz	DFT-s-OFDM QPSK	1	1	17.01	17.08	17.03	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				503202	518598	534000	
40MHz	DFT-s-OFDM QPSK	1	1	16.98	17.08	17.12	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				502704	518598	534504	
35MHz	DFT-s-OFDM QPSK	1	1	17.02	17.17	17.05	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				502200	518598	534996	
30MHz	DFT-s-OFDM QPSK	1	1	17.10	17.07	17.06	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				501702	518598	535500	
25MHz	DFT-s-OFDM QPSK	1	1	17.10	17.13	17.07	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				501204	518598	535998	
20MHz	DFT-s-OFDM QPSK	1	1	17.07	17.11	17.06	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				500700	518598	536496	
15MHz	DFT-s-OFDM QPSK	1	1	17.03	17.09	17.03	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				500202	518598	537000	
10MHz	DFT-s-OFDM QPSK	1	1	17.08	17.12	17.00	18.50

8 Conducted Power of WiFi and Bluetooth

8.1 Conducted Power of WIFI

WIFI 2.4G Ant 7				Head Standalone		Body(15mm/0mm)		Head Simultaneous		Hotspot	
Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up	Average Power (dBm)	Tune up	Average Power (dBm)	Tune up	Average Power (dBm)	Tune up
802.11b	1	2412	1	16.71	17.50	17.68	18.50	10.57	11.50	15.15	15.80
	6	2437		16.79	17.50	17.79	18.50	10.67	11.50	15.25	15.80
	11	2462		16.76	17.50	17.75	18.50	10.64	11.50	15.28	15.80
802.11g	1	2412	6	15.14	16.00	15.14	16.00	10.05	11.00	14.07	14.80
	6	2437		15.34	16.00	15.34	16.00	10.03	11.00	14.17	14.80
	11	2462		15.26	16.00	15.26	16.00	10.01	11.00	14.20	14.80
802.11n HT20	1	2412	6.5	15.17	16.00	15.17	16.00	9.85	11.00	14.04	14.50
	6	2437		15.33	16.00	15.33	16.00	9.97	11.00	14.18	14.50
	11	2462		15.29	16.00	15.29	16.00	9.94	11.00	14.19	14.50
802.11n HT40	3	2422	13.5	15.20	16.00	17.04	18.00	8.85	10.00	12.82	13.50
	6	2437		15.42	16.00	17.29	18.00	9.05	10.00	13.05	13.50
	9	2452		15.21	16.00	17.12	18.00	8.98	10.00	12.93	13.50

WIFI 5G Ant 7					Head Standalone		Body(15mm/0mm)		Head Simultaneous		Hotspot	
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up	Average Power (dBm)	Tune up	Average Power (dBm)	Tune up	Average Power (dBm)	Tune up
802.11a	U-NII-1	36	5180	6	14.69	15.50	16.73	18.00	9.23	11.00	13.19	14.50
		40	5200		14.74	15.50	16.77	18.00	9.33	11.00	13.30	14.50
		44	5220		14.63	15.50	16.59	18.00	9.11	11.00	13.14	14.50
		48	5240		14.75	15.50	16.69	18.00	9.22	11.00	13.23	14.50
	U-NII-2A	52	5260		14.86	15.50	16.91	18.00	9.39	11.00	13.36	14.50
		56	5280		14.89	15.50	16.85	18.00	9.33	11.00	13.35	14.50
		60	5300		15.00	15.50	16.99	18.00	9.51	11.00	13.48	14.50
		64	5320		14.78	15.50	16.83	18.00	9.38	11.00	13.31	14.50
	U-NII-2C	100	5500		15.24	15.50	17.23	18.00	9.77	11.00	13.76	14.50
		104	5520		15.07	15.50	17.11	18.00	9.65	11.00	13.61	14.50
		108	5540		15.18	15.50	17.13	18.00	9.68	11.00	13.62	14.50
		112	5560		15.20	15.50	17.21	18.00	9.75	11.00	13.67	14.50
		116	5580		15.25	15.50	17.29	18.00	9.77	11.00	13.76	14.50
		120	5600		15.15	15.50	17.12	18.00	9.58	11.00	13.61	14.50
		124	5620		15.13	15.50	17.09	18.00	9.58	11.00	13.65	14.50
		128	5640		15.10	15.50	17.05	18.00	9.52	11.00	13.57	14.50
		132	5660		15.08	15.50	17.11	18.00	9.64	11.00	13.59	14.50
		136	5680		15.05	15.50	17.09	18.00	9.59	11.00	13.60	14.50

		140	5700		15.33	15.50	17.28	18.00	9.83	11.00	13.81	14.50
		144	5720		15.18	15.50	17.18	18.00	9.66	11.00	13.70	14.50
	U-NII-3	149	5745		14.99	15.50	17.01	18.00	9.51	11.00	13.53	14.50
		153	5765		14.94	15.50	16.98	18.00	9.50	11.00	13.49	14.50
		157	5785		15.32	15.50	17.26	18.00	9.76	11.00	13.77	14.50
		161	5805		15.11	15.50	17.11	18.00	9.61	11.00	13.61	14.50
		165	5825		15.16	15.50	17.19	18.00	9.75	11.00	13.65	14.50
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up	Average Power (dBm)	Tune up	Average Power (dBm)	Tune up	Average Power (dBm)	Tune up
802.11n-HT20	U-NII-1	36	5180	MCS0	12.73	13.50	16.28	18.00	7.72	9.00	11.65	13.00
		40	5200		12.72	13.50	16.33	18.00	7.69	9.00	11.79	13.00
		44	5220		12.58	13.50	16.22	18.00	7.59	9.00	11.64	13.00
		48	5240		12.72	13.50	16.28	18.00	7.73	9.00	11.69	13.00
	U-NII-2A	52	5260		12.87	13.50	16.44	18.00	7.89	9.00	11.85	13.00
		56	5280		12.76	13.50	16.35	18.00	7.71	9.00	11.78	13.00
		60	5300		12.85	13.50	16.46	18.00	7.88	9.00	11.84	13.00
		64	5320		12.76	13.50	16.31	18.00	7.68	9.00	11.73	13.00
	U-NII-2C	100	5500		13.17	13.50	16.72	18.00	8.13	9.00	12.11	13.00
		104	5520		12.97	13.50	16.57	18.00	7.99	9.00	11.98	13.00
		108	5540		13.09	13.50	16.63	18.00	7.99	9.00	12.02	13.00
		112	5560		13.13	13.50	16.70	18.00	8.10	9.00	12.12	13.00
		116	5580		13.25	13.50	16.83	18.00	8.21	9.00	12.23	13.00
		120	5600		13.06	13.50	16.63	18.00	8.01	9.00	12.04	13.00
		124	5620		12.99	13.50	16.58	18.00	7.96	9.00	12.02	13.00
		128	5640		12.89	13.50	16.51	18.00	7.92	9.00	11.97	13.00
		132	5660		12.99	13.50	16.62	18.00	7.98	9.00	11.99	13.00
		136	5680		12.96	13.50	16.59	18.00	8.00	9.00	11.95	13.00
		140	5700		13.17	13.50	16.78	18.00	8.22	9.00	12.19	13.00
		144	5720		13.07	13.50	16.65	18.00	8.11	9.00	12.01	13.00
	U-NII-3	149	5745		12.95	13.50	16.49	18.00	7.86	9.00	11.94	13.00
		153	5765		12.90	13.50	16.46	18.00	7.84	9.00	11.84	13.00
		157	5785		13.20	13.50	16.78	18.00	8.21	9.00	12.17	13.00
		161	5805		12.98	13.50	16.57	18.00	8.03	9.00	11.94	13.00
		165	5825		13.09	13.50	16.68	18.00	8.14	9.00	12.05	13.00
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up	Average Power (dBm)	Tune up	Average Power (dBm)	Tune up	Average Power (dBm)	Tune up
802.11n-HT40	U-NII-1	38	5190	MCS0	12.97	13.50	14.55	16.00	7.95	9.00	12.23	13.00
		46	5230		12.99	13.50	14.63	16.00	8.00	9.00	12.35	13.00
	U-NII-2A	54	5270		13.32	13.50	14.90	16.00	8.32	9.00	12.62	13.00
		62	5310		13.22	13.50	14.81	16.00	8.22	9.00	12.56	13.00
	U-NII-	102	5510		13.39	13.50	14.99	16.00	8.43	9.00	12.66	13.00

	2C	110	5550		13.23	13.50	14.77	16.00	8.18	9.00	12.45	13.00
		118	5590		13.12	13.50	14.71	16.00	8.10	9.00	12.44	13.00
		126	5630		13.28	13.50	14.83	16.00	8.20	9.00	12.50	13.00
		134	5670		13.28	13.50	14.91	16.00	8.27	9.00	12.63	13.00
		142	5710		13.32	13.50	14.89	16.00	8.31	9.00	12.59	13.00
	U-NII-3	151	5755		13.31	13.50	14.93	16.00	8.33	9.00	12.67	13.00
		159	5795		13.21	13.50	14.82	16.00	8.26	9.00	12.48	13.00
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up	Average Power (dBm)	Tune up	Average Power (dBm)	Tune up	Average Power (dBm)	Tune up
802.11a c-20	U-NII-1	36	5180	MCS0	13.30	14.50	16.30	18.00	8.34	9.00	12.27	13.00
		40	5200		13.43	14.50	16.42	18.00	8.43	9.00	12.41	13.00
		44	5220		13.05	14.50	16.01	18.00	8.05	9.00	11.97	13.00
		48	5240		13.40	14.50	16.34	18.00	8.30	9.00	12.35	13.00
	U-NII-2A	52	5260		13.48	14.50	16.51	18.00	8.47	9.00	12.53	13.00
		56	5280		13.36	14.50	16.40	18.00	8.41	9.00	12.37	13.00
		60	5300		13.62	14.50	16.59	18.00	8.62	9.00	12.56	13.00
		64	5320		13.40	14.50	16.38	18.00	8.37	9.00	12.40	13.00
	U-NII-2C	100	5500		13.68	14.50	16.71	18.00	8.76	9.00	12.73	13.00
		104	5520		13.71	14.50	16.65	18.00	8.64	9.00	12.69	13.00
		108	5540		13.64	14.50	16.60	18.00	8.65	9.00	12.65	13.00
		112	5560		13.69	14.50	16.69	18.00	8.71	9.00	12.64	13.00
		116	5580		13.81	14.50	16.82	18.00	8.79	9.00	12.83	13.00
		120	5600		13.61	14.50	16.57	18.00	8.63	9.00	12.53	13.00
		124	5620		13.69	14.50	16.63	18.00	8.62	9.00	12.63	13.00
		128	5640		13.51	14.50	16.50	18.00	8.55	9.00	12.49	13.00
		132	5660		13.59	14.50	16.61	18.00	8.60	9.00	12.67	13.00
		136	5680		13.60	14.50	16.61	18.00	8.66	9.00	12.56	13.00
		140	5700		13.82	14.50	16.80	18.00	8.77	9.00	12.76	13.00
		144	5720		13.71	14.50	16.66	18.00	8.69	9.00	12.65	13.00
	U-NII-3	149	5745		13.50	14.50	16.48	18.00	8.47	9.00	12.52	13.00
		153	5765		13.54	14.50	16.48	18.00	8.48	9.00	12.52	13.00
		157	5785		13.83	14.50	16.79	18.00	8.85	9.00	12.77	13.00
		161	5805		13.65	14.50	16.60	18.00	8.64	9.00	12.62	13.00
		165	5825		13.74	14.50	16.73	18.00	8.76	9.00	12.71	13.00
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up	Average Power (dBm)	Tune up	Average Power (dBm)	Tune up	Average Power (dBm)	Tune up
802.11a c-40	U-NII-1	38	5190	MCS0	13.46	14.50	14.48	16.00	8.46	9.50	12.50	13.50
		46	5230		13.55	14.50	14.52	16.00	8.51	9.50	12.49	13.50
	U-NII-2A	54	5270		13.78	14.50	14.78	16.00	8.83	9.50	12.73	13.50
		62	5310		13.72	14.50	14.71	16.00	8.69	9.50	12.71	13.50
	U-NII-	102	5510		13.86	14.50	14.86	16.00	8.92	9.50	12.87	13.50

	2C	110	5550		13.61	14.50	14.66	16.00	8.70	9.50	12.68	13.50
		118	5590		13.65	14.50	14.62	16.00	8.67	9.50	12.68	13.50
		126	5630		13.76	14.50	14.74	16.00	8.80	9.50	12.78	13.50
		134	5670		13.74	14.50	14.77	16.00	8.80	9.50	12.75	13.50
		142	5710		13.79	14.50	14.78	16.00	8.83	9.50	12.73	13.50
	U-NII-3	151	5755		13.87	14.50	14.86	16.00	8.87	9.50	12.82	13.50
		159	5795		13.68	14.50	14.68	16.00	8.73	9.50	12.67	13.50
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up	Average Power (dBm)	Tune up	Average Power (dBm)	Tune up	Average Power (dBm)	Tune up
802.11ac 80M	U-NII-1	42	5210	MCS0	12.16	13.50	13.31	15.00	7.91	9.50	11.60	12.50
	U-NII-2A	58	5290		12.23	13.50	13.42	15.00	8.07	9.50	11.71	12.50
	U-NII-2C	106	5530		12.17	13.50	13.38	15.00	8.00	9.50	11.73	12.50
		122	5610		12.35	13.50	13.51	15.00	8.07	9.50	11.81	12.50
		138	5690		12.15	13.50	13.29	15.00	7.94	9.50	11.55	12.50
	U-NII-3	155	5775		12.22	13.50	13.39	15.00	7.96	9.50	11.67	12.50

8.2 Conducted Power of BT

BT Ant 7		Average Conducted Power(dBm)			
Band	Channel	0	39	78	Tune up
BT	GFSK	8.40	9.07	8.46	9.50
	π /4DQPSK	7.67	8.47	7.73	9.00
	8DPSK	7.67	8.47	7.77	9.00
Band	Channel	0	19	39	Tune up
BLE	GFSK	-0.14	0.57	0.48	1.00
BLE	GFSK	-0.02	0.60	0.57	1.00