

# Appendix E

## Conducted RF Output Power Table

Measurement of RF conducted Power	
1	Conducted Power of Main Antenna (Ant1)
2	Conducted Power of Main Antenna (Ant2)
3	Conducted Power of Main Antenna (Ant3)
4	Conducted Power of Main Antenna (Ant4)
5	Conducted Power of LTE Down CA
6	Conducted Power of NR Antenna
6.1	Conducted Power of NR Antenna (Ant1)
6.2	Conducted Power of NR Antenna (Ant3)
6.3	Conducted Power of NR Antenna (Ant4)
7	Conducted Power of WiFi and Bluetooth
7.1	Conducted Power of WiFi
7.2	Conducted Power of Bluetooth

## Measurement of RF conducted Power

### 1 Conducted Power of Main Antenna(Ant1)

#### 1.1 Conducted Power of GSM

GSM 850										
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	31.82	31.79	31.80	33.00	-9.19	22.63	22.60	22.61	23.81
GPRS (GMSK)	1 TX Slot	31.78	31.83	31.76	33.00	-9.19	22.59	22.64	22.57	23.81
	2 TX Slots	30.97	30.95	30.90	32.50	-6.18	24.79	24.77	24.72	26.32
	3 TX Slots	29.36	29.29	29.36	30.50	-4.42	24.94	24.87	24.94	26.08
	4 TX Slots	28.43	28.47	28.46	29.50	-3.17	25.26	25.30	25.29	26.33
EGPRS (GMSK)	1 TX Slot	31.78	31.76	31.80	33.00	-9.19	22.59	22.57	22.61	23.81
	2 TX Slots	30.95	30.97	30.93	32.50	-6.18	24.77	24.79	24.75	26.32
	3 TX Slots	29.34	29.36	29.30	30.50	-4.42	24.92	24.94	24.88	26.08
	4 TX Slots	28.40	28.40	28.39	29.50	-3.17	25.23	25.23	25.22	26.33
EGPRS (8PSK)	1 TX Slot	26.10	26.10	26.11	27.00	-9.19	16.91	16.91	16.92	17.81
	2 TX Slots	25.14	25.12	25.10	26.00	-6.18	18.96	18.94	18.92	19.82
	3 TX Slots	22.89	22.83	22.91	24.50	-4.42	18.47	18.41	18.49	20.08
	4 TX Slots	21.50	21.50	21.48	22.50	-3.17	18.33	18.33	18.31	19.33

#### 1.2 Conducted Power of WCDMA

WCDMA Band V					
Average Conducted Power(dBm)					
Channel		4132	4182	4233	Tune up
WCDMA	12.2kbps RMC	22.22	22.37	22.34	23.50
	12.2kbps AMR	22.30	22.33	22.26	23.50
HSDPA	Subtest 1	21.28	21.27	21.36	22.50
	Subtest 2	21.24	21.31	21.31	22.50
	Subtest 3	20.84	20.74	20.80	22.00
	Subtest 4	20.86	20.77	20.88	22.00
HSUPA	Subtest 1	19.31	19.28	19.31	20.50
	Subtest 2	19.28	19.32	19.38	20.50
	Subtest 3	19.82	19.80	19.80	21.50
	Subtest 4	18.89	18.78	18.78	20.00
	Subtest 5	20.26	20.40	20.32	21.50
DC-HSDPA	Subtest 1	21.26	21.34	21.30	22.50
	Subtest 2	21.38	21.33	21.34	22.50
	Subtest 3	20.80	20.85	20.80	22.00
	Subtest 4	20.82	20.76	20.84	22.00
HSPA+	16QAM	21.29	21.31	21.34	21.50

### 1.3 Conducted Power of LTE

LTE Band 5				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20407	20525	20643	
1.4MHz	QPSK	1	0	23.19	23.12	23.09	24.50
		1	2	23.00	23.00	23.06	24.50
		1	5	23.09	23.13	23.06	24.50
		3	0	23.06	23.06	23.01	24.50
		3	2	23.11	23.02	23.00	24.50
		3	3	23.01	23.05	23.08	24.50
		6	0	22.21	22.18	22.26	23.50
	16QAM	1	0	22.13	22.14	22.22	23.50
		1	2	22.12	22.09	22.18	23.50
		1	5	22.17	22.17	22.18	23.50
		3	0	22.15	22.17	22.20	23.50
		3	2	22.24	22.17	22.22	23.50
		3	3	22.10	22.14	22.16	23.50
		6	0	21.17	21.27	21.20	22.50
	64QAM	1	0	21.20	21.34	21.25	22.50
		1	2	21.41	21.34	21.28	22.50
		1	5	21.30	21.32	21.29	22.50
		3	0	21.28	21.25	21.21	22.50
		3	2	21.27	21.29	21.25	22.50
		3	3	21.26	21.25	21.32	22.50
		6	0	20.32	20.31	20.32	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20415	20525	20635	
3MHz	QPSK	1	0	23.12	23.22	23.13	24.50
		1	7	23.03	23.12	23.01	24.50
		1	14	23.06	23.11	23.12	24.50
		8	0	22.21	22.30	22.23	23.50
		8	4	22.09	22.15	22.22	23.50
		8	7	22.13	22.11	22.19	23.50
		15	0	22.16	22.17	22.13	23.50
	16QAM	1	0	22.20	22.23	22.20	23.50
		1	7	22.12	22.16	22.09	23.50
		1	14	22.19	22.19	22.21	23.50
		8	0	21.25	21.32	21.23	22.50
		8	4	21.26	21.25	21.17	22.50
		8	7	21.16	21.16	21.22	22.50
		15	0	21.18	21.14	21.26	22.50
	64QAM	1	0	21.29	21.30	21.31	22.50
		1	7	21.33	21.32	21.27	22.50
		1	14	21.25	21.33	21.26	22.50
		8	0	20.35	20.45	20.43	21.50

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20425	20525	20625	
5MHz	QPSK	8	4	20.46	20.38	20.39	21.50
		8	7	20.29	20.35	20.36	21.50
		15	0	20.29	20.35	20.29	21.50
		1	0	23.08	23.15	23.18	24.50
		1	13	23.04	23.00	23.08	24.50
		1	24	23.08	23.06	23.08	24.50
		12	0	22.28	22.29	22.24	23.50
	12	6	22.09	22.17	22.19	23.50	
	12	13	22.14	22.12	22.17	23.50	
	25	0	22.19	22.23	22.15	23.50	
	1	0	22.19	22.24	22.24	23.50	
	1	13	22.13	22.11	22.11	23.50	
	1	24	22.16	22.17	22.21	23.50	
	12	0	21.21	21.32	21.20	22.50	
	12	6	21.26	21.23	21.13	22.50	
	12	13	21.17	21.20	21.22	22.50	
	25	0	21.21	21.23	21.23	22.50	
	1	0	21.21	21.24	21.28	22.50	
	1	13	21.36	21.40	21.25	22.50	
	1	24	21.23	21.32	21.21	22.50	
	12	0	20.37	20.46	20.36	21.50	
12	6	20.45	20.40	20.38	21.50		
12	13	20.32	20.33	20.42	21.50		
25	0	20.30	20.30	20.29	21.50		
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20450	20525	20600	
10MHz	QPSK	1	0	23.07	23.21	23.12	24.50
		1	25	23.08	23.08	23.03	24.50
		1	49	23.03	23.14	23.08	24.50
		25	0	22.22	22.29	22.18	23.50
		25	13	22.14	22.18	22.19	23.50
		25	25	22.09	22.14	22.14	23.50
		50	0	22.19	22.15	22.16	23.50
	1	0	22.19	22.16	22.24	23.50	
	1	25	22.16	22.13	22.10	23.50	
	1	49	22.15	22.19	22.13	23.50	
	25	0	21.20	21.26	21.26	22.50	
	25	13	21.19	21.26	21.17	22.50	
	25	25	21.21	21.16	21.22	22.50	
	50	0	21.21	21.19	21.25	22.50	
	1	0	21.29	21.28	21.26	22.50	
	1	25	21.33	21.34	21.24	22.50	
	1	49	21.21	21.32	21.27	22.50	
	25	0	20.41	20.39	20.39	21.50	

		25	13	20.38	20.40	20.43	21.50
		25	25	20.27	20.33	20.34	21.50
		50	0	20.25	20.30	20.37	21.50

LTE Band 12				Conducted Power(dBm)				
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				23017	23095	23173		
1.4MHz	QPSK	1	0	23.21	23.20	23.20	24.50	
		1	2	23.05	23.09	23.15	24.50	
		1	5	23.23	23.13	23.13	24.50	
		3	0	23.11	23.17	23.06	24.50	
		3	2	23.10	23.14	23.17	24.50	
		3	3	23.12	23.13	23.15	24.50	
	16QAM	6	0	22.29	22.21	22.28	23.50	
		1	0	22.31	22.25	22.29	23.50	
		1	2	22.15	22.19	22.22	23.50	
		1	5	22.21	22.31	22.25	23.50	
		3	0	22.25	22.30	22.32	23.50	
		3	2	22.32	22.31	22.36	23.50	
	64QAM	3	3	22.25	22.27	22.23	23.50	
		6	0	21.20	21.32	21.30	22.50	
		1	0	21.32	21.37	21.42	22.50	
		1	2	21.42	21.43	21.40	22.50	
		1	5	21.37	21.47	21.45	22.50	
		3	0	21.29	21.38	21.35	22.50	
	3MHz	QPSK	3	2	21.40	21.35	21.34	22.50
			3	3	21.40	21.35	21.39	22.50
			6	0	20.42	20.47	20.39	21.50
1			0	23.23	23.31	23.28	24.50	
1			7	23.22	23.08	23.20	24.50	
1			14	23.17	23.20	23.21	24.50	
16QAM		8	0	22.30	22.39	22.28	23.50	
		8	4	22.25	22.31	22.28	23.50	
		8	7	22.26	22.15	22.26	23.50	
		15	0	22.35	22.30	22.19	23.50	
		1	0	22.26	22.36	22.30	23.50	
		1	7	22.30	22.22	22.27	23.50	
		1	14	22.30	22.27	22.30	23.50	
		8	0	21.37	21.31	21.29	22.50	
		8	4	21.25	21.41	21.26	22.50	
64QAM	8	7	21.26	21.34	21.34	22.50		
	15	0	21.26	21.23	21.36	22.50		
	1	0	21.36	21.43	21.31	22.50		

		1	7	21.41	21.53	21.45	22.50
		1	14	21.33	21.41	21.30	22.50
		8	0	20.49	20.60	20.51	21.50
		8	4	20.50	20.52	20.47	21.50
		8	7	20.38	20.53	20.53	21.50
		15	0	20.37	20.35	20.43	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				23035	23095	23155	
5MHz	QPSK	1	0	23.14	23.29	23.29	24.50
		1	13	23.22	23.11	23.23	24.50
		1	24	23.13	23.22	23.24	24.50
		12	0	22.35	22.34	22.33	23.50
		12	6	22.26	22.24	22.21	23.50
		12	13	22.25	22.18	22.24	23.50
		25	0	22.32	22.30	22.21	23.50
	16QAM	1	0	22.24	22.26	22.31	23.50
		1	13	22.25	22.18	22.29	23.50
		1	24	22.30	22.23	22.33	23.50
		12	0	21.29	21.32	21.31	22.50
		12	6	21.28	21.34	21.27	22.50
		12	13	21.24	21.29	21.37	22.50
		25	0	21.31	21.26	21.32	22.50
	64QAM	1	0	21.37	21.37	21.29	22.50
		1	13	21.50	21.44	21.37	22.50
		1	24	21.28	21.38	21.35	22.50
		12	0	20.46	20.58	20.48	21.50
		12	6	20.45	20.53	20.48	21.50
		12	13	20.39	20.44	20.48	21.50
		25	0	20.35	20.44	20.41	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				23060	23095	23130	
10MHz	QPSK	1	0	23.23	23.36	23.28	24.50
		1	25	23.21	23.07	23.22	24.50
		1	49	23.12	23.16	23.19	24.50
		25	0	22.35	22.35	22.27	23.50
		25	13	22.26	22.30	22.21	23.50
		25	25	22.27	22.17	22.24	23.50
		50	0	22.33	22.38	22.20	23.50
	16QAM	1	0	22.26	22.32	22.27	23.50
		1	25	22.24	22.15	22.26	23.50
		1	49	22.27	22.27	22.36	23.50
		25	0	21.32	21.34	21.32	22.50
		25	13	21.33	21.37	21.32	22.50
		25	25	21.25	21.26	21.40	22.50
		50	0	21.28	21.24	21.30	22.50
	64QAM	1	0	21.34	21.39	21.31	22.50

		1	25	21.43	21.50	21.40	22.50
		1	49	21.33	21.37	21.28	22.50
		25	0	20.48	20.58	20.54	21.50
		25	13	20.43	20.54	20.52	21.50
		25	25	20.39	20.53	20.54	21.50
		50	0	20.41	20.38	20.37	21.50

LTE Band 13				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				23205	23230	23255	
5MHz	QPSK	1	0	23.09	23.13	23.11	24.50
		1	13	23.13	23.11	23.02	24.50
		1	24	23.11	23.16	23.11	24.50
		12	0	22.19	22.18	22.24	23.50
		12	6	22.21	22.14	22.24	23.50
		12	13	22.06	22.12	22.16	23.50
		25	0	22.17	22.24	22.10	23.50
	16QAM	1	0	22.15	22.28	22.22	23.50
		1	13	22.10	22.08	22.11	23.50
		1	24	22.19	22.20	22.16	23.50
		12	0	21.32	21.31	21.19	22.50
		12	6	21.24	21.26	21.21	22.50
		12	13	21.19	21.25	21.29	22.50
		25	0	21.24	21.18	21.25	22.50
	64QAM	1	0	21.27	21.31	21.29	22.50
		1	13	21.30	21.42	21.26	22.50
		1	24	21.24	21.31	21.28	22.50
		12	0	20.41	20.35	20.46	21.50
		12	6	20.36	20.41	20.49	21.50
		12	13	20.24	20.38	20.40	21.50
		25	0	20.28	20.37	20.34	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	23230	/	
10MHz	QPSK	1	0	/	23.21	/	24.50
		1	25	/	23.02	/	24.50
		1	49	/	23.11	/	24.50
		25	0	/	22.27	/	23.50
		25	13	/	22.18	/	23.50
		25	25	/	22.09	/	23.50
		50	0	/	22.18	/	23.50
	16QAM	1	0	/	22.16	/	23.50
		1	25	/	22.18	/	23.50
		1	49	/	22.17	/	23.50
		25	0	/	21.24	/	22.50
		25	13	/	21.21	/	22.50

		25	25	/	21.16	/	22.50
		50	0	/	21.24	/	22.50
	64QAM	1	0	/	21.21	/	22.50
		1	25	/	21.32	/	22.50
		1	49	/	21.32	/	22.50
		25	0	/	20.40	/	21.50
		25	13	/	20.42	/	21.50
		25	25	/	20.31	/	21.50
		50	0	/	20.38	/	21.50

LTE Band 17				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				23755	23790	23825	
5MHz	QPSK	1	0	23.21	23.29	23.23	24.50
		1	13	23.16	23.01	23.09	24.50
		1	24	23.14	23.22	23.21	24.50
		12	0	22.38	22.38	22.33	23.50
		12	6	22.27	22.22	22.27	23.50
		12	13	22.23	22.22	22.24	23.50
		25	0	22.33	22.33	22.27	23.50
	16QAM	1	0	22.23	22.36	22.34	23.50
		1	13	22.25	22.25	22.19	23.50
		1	24	22.29	22.26	22.21	23.50
		12	0	21.36	21.39	21.37	22.50
		12	6	21.27	21.38	21.31	22.50
		12	13	21.24	21.33	21.32	22.50
		25	0	21.35	21.34	21.33	22.50
	64QAM	1	0	21.29	21.32	21.36	22.50
		1	13	21.44	21.52	21.40	22.50
		1	24	21.35	21.39	21.38	22.50
		12	0	20.50	20.52	20.54	21.50
		12	6	20.51	20.53	20.51	21.50
		12	13	20.36	20.44	20.46	21.50
		25	0	20.38	20.48	20.35	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
10MHz	QPSK	1	0	23.15	23.33	23.28	24.50
		1	25	23.17	23.30	23.15	24.50
		1	49	23.17	23.19	23.19	24.50
		25	0	22.37	22.36	22.32	23.50
		25	13	22.24	22.18	22.31	23.50
		25	25	22.16	22.25	22.25	23.50
		50	0	22.29	22.29	22.27	23.50
	16QAM	1	0	22.23	22.32	22.36	23.50
		1	25	22.27	22.19	22.17	23.50



		1	49	22.30	22.29	22.27	23.50
		25	0	21.35	21.44	21.32	22.50
		25	13	21.33	21.35	21.29	22.50
		25	25	21.21	21.36	21.33	22.50
		50	0	21.27	21.27	21.36	22.50
	64QAM	1	0	21.37	21.34	21.43	22.50
		1	25	21.44	21.49	21.36	22.50
		1	49	21.29	21.41	21.37	22.50
		25	0	20.43	20.44	20.51	21.50
		25	13	20.53	20.49	20.53	21.50
		25	25	20.37	20.43	20.50	21.50
		50	0	20.32	20.50	20.35	21.50

LTE Band 26				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26697	26865	27033	
1.4MHz	QPSK	1	0	23.49	23.48	23.41	24.50
		1	2	23.30	23.27	23.41	24.50
		1	5	23.36	23.36	23.47	24.50
		3	0	23.21	23.42	23.34	24.50
		3	2	23.40	23.24	23.28	24.50
		3	3	23.25	23.37	23.43	24.50
		6	0	22.57	22.46	22.58	23.50
	16QAM	1	0	22.37	22.48	22.53	23.50
		1	2	22.42	22.39	22.47	23.50
		1	5	22.41	22.52	22.48	23.50
		3	0	22.46	22.41	22.49	23.50
		3	2	22.48	22.43	22.55	23.50
		3	3	22.41	22.48	22.54	23.50
		6	0	21.54	21.49	21.53	22.50
	64QAM	1	0	21.54	21.67	21.56	22.50
		1	2	21.63	21.61	21.59	22.50
		1	5	21.57	21.64	21.58	22.50
		3	0	21.62	21.53	21.51	22.50
		3	2	21.60	21.61	21.50	22.50
		3	3	21.62	21.66	21.63	22.50
		6	0	20.57	20.60	20.66	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
3MHz	QPSK			26705	26865	27025	
		1	0	23.31	23.42	23.37	24.50
		1	7	23.27	23.29	23.28	24.50
		1	14	23.32	23.35	23.25	24.50
		8	0	22.46	22.44	22.41	23.50
		8	4	22.38	22.35	22.42	23.50
		8	7	22.33	22.31	22.29	23.50

	16QAM	15	0	22.43	22.38	22.37	23.50
		1	0	22.36	22.47	22.39	23.50
		1	7	22.29	22.30	22.36	23.50
		1	14	22.38	22.44	22.38	23.50
		8	0	21.53	21.50	21.42	22.50
		8	4	21.36	21.49	21.44	22.50
		8	7	21.35	21.42	21.49	22.50
		15	0	21.42	21.41	21.36	22.50
	64QAM	1	0	21.42	21.47	21.51	22.50
		1	7	21.50	21.57	21.42	22.50
		1	14	21.40	21.50	21.45	22.50
		8	0	20.58	20.55	20.65	21.50
		8	4	20.55	20.61	20.62	21.50
		8	7	20.52	20.51	20.62	21.50
		15	0	20.53	20.61	20.44	21.50
<b>Bandwidth</b>	<b>Modulation</b>	<b>RB size</b>	<b>RB offset</b>	<b>Channel</b> 26715	<b>Channel</b> 26865	<b>Channel</b> 27015	<b>Tune up</b>
<b>5MHz</b>	QPSK	1	0	23.25	23.36	23.39	24.50
		1	13	23.24	23.28	23.21	24.50
		1	24	23.33	23.38	23.28	24.50
		12	0	22.44	22.43	22.43	23.50
		12	6	22.38	22.28	22.40	23.50
		12	13	22.31	22.31	22.35	23.50
		25	0	22.36	22.43	22.36	23.50
	16QAM	1	0	22.31	22.40	22.45	23.50
		1	13	22.33	22.27	22.36	23.50
		1	24	22.37	22.43	22.40	23.50
		12	0	21.45	21.50	21.49	22.50
		12	6	21.39	21.44	21.42	22.50
		12	13	21.41	21.39	21.46	22.50
		25	0	21.39	21.44	21.44	22.50
	64QAM	1	0	21.44	21.46	21.46	22.50
		1	13	21.52	21.54	21.42	22.50
		1	24	21.41	21.51	21.49	22.50
		12	0	20.54	20.55	20.57	21.50
		12	6	20.60	20.65	20.61	21.50
		12	13	20.48	20.52	20.63	21.50
		25	0	20.49	20.63	20.49	21.50
<b>Bandwidth</b>	<b>Modulation</b>	<b>RB size</b>	<b>RB offset</b>	<b>Channel</b> 26740	<b>Channel</b> 26865	<b>Channel</b> 26990	<b>Tune up</b>
<b>10MHz</b>	QPSK	1	0	23.32	23.41	23.33	24.50
		1	25	23.30	23.34	23.20	24.50
		1	49	23.29	23.34	23.24	24.50
		25	0	22.45	22.47	22.44	23.50
		25	13	22.33	22.27	22.38	23.50
		25	25	22.35	22.33	22.35	23.50

	16QAM	50	0	22.36	22.37	22.34	23.50
		1	0	22.36	22.38	22.45	23.50
		1	25	22.38	22.35	22.29	23.50
		1	49	22.36	22.38	22.39	23.50
		25	0	21.49	21.51	21.49	22.50
		25	13	21.36	21.43	21.37	22.50
		25	25	21.31	21.46	21.45	22.50
	64QAM	50	0	21.45	21.38	21.37	22.50
		1	0	21.38	21.50	21.50	22.50
		1	25	21.48	21.62	21.46	22.50
		1	49	21.46	21.51	21.45	22.50
		25	0	20.57	20.56	20.55	21.50
		25	13	20.62	20.58	20.68	21.50
		25	25	20.49	20.61	20.54	21.50
<b>Bandwidth</b>	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26765	26865	26965	
<b>15MHz</b>	QPSK	1	0	23.31	23.56	23.37	24.50
		1	38	23.31	23.37	23.22	24.50
		1	74	23.30	23.33	23.27	24.50
		36	0	22.43	22.48	22.37	23.50
		36	18	22.42	22.32	22.39	23.50
		36	39	22.29	22.32	22.39	23.50
		75	0	22.46	22.45	22.29	23.50
	16QAM	1	0	22.34	22.43	22.46	23.50
		1	38	22.30	22.29	22.27	23.50
		1	74	22.38	22.42	22.37	23.50
		36	0	21.49	21.53	21.44	22.50
		36	18	21.42	21.48	21.39	22.50
		36	39	21.38	21.39	21.40	22.50
		75	0	21.37	21.47	21.41	22.50
	64QAM	1	0	21.40	21.47	21.54	22.50
		1	38	21.44	21.62	21.47	22.50
		1	74	21.43	21.51	21.49	22.50
		36	0	20.61	20.60	20.55	21.50
		36	18	20.54	20.60	20.62	21.50
		36	39	20.54	20.53	20.61	21.50
		75	0	20.50	20.60	20.52	21.50

LTE Band 71				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				133147	133297	133447	
<b>5MHz</b>	QPSK	1	0	23.31	23.19	23.17	24.50
		1	13	23.06	23.25	23.23	24.50
		1	24	23.26	23.24	23.23	24.50

		12	0	23.07	23.18	23.14	23.50
		12	6	23.09	23.14	23.12	23.50
		12	13	23.1	23.18	23.16	23.50
		25	0	22.36	22.25	22.31	23.50
	16QAM	1	0	22.25	22.26	22.32	23.50
		1	13	22.2	22.29	22.24	23.50
		1	24	22.2	22.33	22.32	23.50
		12	0	22.28	22.25	22.3	22.50
		12	6	22.24	22.29	22.29	22.50
		12	13	22.24	22.25	22.32	22.50
	64QAM	25	0	21.32	21.29	21.33	22.50
		1	0	21.33	21.46	21.40	22.50
		1	13	21.42	21.48	21.37	22.50
		1	24	21.31	21.47	21.44	22.50
		12	0	21.44	21.32	21.35	21.50
		12	6	21.35	21.40	21.29	21.50
12		13	21.32	21.41	21.43	21.50	
25	0	20.38	20.43	20.50	21.50		
<b>Bandwidth</b>	<b>Modulation</b>	<b>RB size</b>	<b>RB offset</b>	<b>Channel</b>	<b>Channel</b>	<b>Channel</b>	<b>Tune up</b>
				133172	133297	133422	
<b>10MHz</b>	QPSK	1	0	23.25	23.23	23.16	24.50
		1	25	23.17	23.22	23.15	24.50
		1	49	23.21	23.16	23.21	24.50
		25	0	23.04	23.23	23.12	23.50
		25	13	23.12	23.06	23.14	23.50
		25	25	23.08	23.13	23.18	23.50
		50	0	22.34	22.29	22.40	23.50
	16QAM	1	0	22.19	22.29	22.31	23.50
		1	25	22.18	22.27	22.24	23.50
		1	49	22.27	22.32	22.23	23.50
		25	0	22.25	22.22	22.25	22.50
		25	13	22.30	22.20	22.29	22.50
		25	25	22.22	22.29	22.30	22.50
	64QAM	50	0	21.28	21.28	21.37	22.50
		1	0	21.33	21.47	21.45	22.50
		1	25	21.49	21.42	21.39	22.50
		1	49	21.33	21.44	21.39	22.50
		25	0	21.35	21.36	21.28	21.50
		25	13	21.46	21.39	21.28	21.50
		25	25	21.38	21.39	21.50	21.50
	50	0	20.38	20.36	20.49	21.50	
<b>Bandwidth</b>	<b>Modulation</b>	<b>RB size</b>	<b>RB offset</b>	<b>Channel</b>	<b>Channel</b>	<b>Channel</b>	<b>Tune up</b>
				133197	133297	133397	
<b>15MHz</b>	QPSK	1	0	23.28	23.25	23.18	24.50
		1	38	23.07	23.20	23.18	24.50
		1	74	23.24	23.18	23.21	24.50

		36	0	23.06	23.22	23.14	23.50
		36	18	23.13	23.12	23.07	23.50
		36	39	23.01	23.14	23.16	23.50
		75	0	22.36	22.25	22.32	23.50
	16QAM	1	0	22.22	22.32	22.32	23.50
		1	38	22.15	22.22	22.33	23.50
		1	74	22.21	22.29	22.24	23.50
		36	0	22.24	22.31	22.29	22.50
		36	18	22.34	22.26	22.26	22.50
		36	39	22.24	22.26	22.40	22.50
		75	0	21.35	21.36	21.30	22.50
	64QAM	1	0	21.36	21.44	21.35	22.50
		1	38	21.50	21.40	21.34	22.50
		1	74	21.36	21.45	21.38	22.50
		36	0	21.41	21.32	21.32	21.50
		36	18	21.45	21.37	21.31	21.50
		36	39	21.36	21.44	21.41	21.50
75		0	20.40	20.40	20.40	21.50	
<b>Bandwidth</b>	<b>Modulation</b>	<b>RB size</b>	<b>RB offset</b>	<b>Channel</b> 133222	<b>Channel</b> 133322	<b>Channel</b> 133372	<b>Tune up</b>
<b>20MHz</b>	QPSK	1	0	23.30	23.39	23.20	24.50
		1	50	23.13	23.21	23.17	24.50
		1	99	23.22	23.22	23.19	24.50
		50	0	23.04	23.15	23.14	23.50
		50	25	23.18	23.12	23.10	23.50
		50	50	23.12	23.21	23.19	23.50
		100	0	22.30	22.29	22.40	23.50
	16QAM	1	0	22.17	22.28	22.30	23.50
		1	50	22.21	22.26	22.30	23.50
		1	99	22.21	22.25	22.22	23.50
		50	0	22.30	22.24	22.33	22.50
		50	25	22.31	22.30	22.34	22.50
		50	50	22.27	22.32	22.39	22.50
		100	0	21.36	21.36	21.33	22.50
	64QAM	1	0	21.35	21.43	21.42	22.50
		1	50	21.51	21.42	21.37	22.50
		1	99	21.34	21.41	21.46	22.50
		50	0	21.40	21.35	21.27	21.50
		50	25	21.44	21.36	21.35	21.50
		50	50	21.40	21.44	21.50	21.50
		100	0	20.45	20.39	20.44	21.50

## 2 Conducted Power of Main Antenna(Ant2)

### 2.1 Conducted Power of GSM

GSM 1900										
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	20.45	20.47	20.42	21.50	-9.19	11.26	11.28	11.23	12.31
GPRS (GMSK)	1 TX Slot	20.54	20.41	20.47	21.50	-9.19	11.35	11.22	11.28	12.31
	2 TX Slots	20.50	20.49	20.58	21.50	-6.18	14.32	14.31	14.40	15.32
	3 TX Slots	19.95	19.94	20.06	21.50	-4.42	15.53	15.52	15.64	17.08
	4 TX Slots	19.84	19.88	19.87	21.00	-3.17	16.67	16.71	16.70	17.83
EGPRS (GMSK)	1 TX Slot	20.46	20.48	20.44	21.50	-9.19	11.27	11.29	11.25	12.31
	2 TX Slots	20.45	20.46	20.44	21.50	-6.18	14.27	14.28	14.26	15.32
	3 TX Slots	20.04	19.94	20.03	21.50	-4.42	15.62	15.52	15.61	17.08
	4 TX Slots	19.74	19.75	19.73	21.00	-3.17	16.57	16.58	16.56	17.83
EGPRS (8PSK)	1 TX Slot	18.96	18.93	18.89	19.50	-9.19	9.77	9.74	9.70	10.31
	2 TX Slots	18.12	18.22	18.21	18.50	-6.18	11.94	12.04	12.03	12.32
	3 TX Slots	16.21	16.19	16.20	17.50	-4.42	11.79	11.77	11.78	13.08
	4 TX Slots	15.14	15.19	15.19	16.50	-3.17	11.97	12.02	12.02	13.33

### 2.2 Conducted Power of WCDMA

WCDMA Band II					
Average Conducted Power(dBm)					
Channel		9262	9400	9538	Tune up
WCDMA	12.2kbps RMC	18.32	18.34	18.32	19.00
	12.2kbps AMR	18.21	18.27	18.27	19.00
HSDPA	Subtest 1	17.20	17.34	17.34	18.00
	Subtest 2	17.31	17.26	17.33	18.00
	Subtest 3	16.84	16.84	16.86	17.50
	Subtest 4	16.83	16.85	16.84	17.50
HSUPA	Subtest 1	15.27	15.28	15.27	16.00
	Subtest 2	15.21	15.29	15.39	16.00
	Subtest 3	15.79	15.80	15.81	17.00
	Subtest 4	14.85	14.84	14.80	15.50
	Subtest 5	16.39	16.34	16.32	17.00
DC-HSDPA	Subtest 1	17.27	17.35	17.30	18.00
	Subtest 2	17.33	17.39	17.32	18.00
	Subtest 3	16.83	16.77	16.87	17.50
	Subtest 4	16.75	16.79	16.81	17.50
HSPA+	16QAM	16.30	16.14	16.23	17.00

WCDMA Band IV					
Average Conducted Power(dBm)					
Channel		1312	1412	1513	Tune up
WCDMA	12.2kbps RMC	18.11	18.20	18.14	19.00
	12.2kbps AMR	18.11	18.13	18.00	19.00

HSDPA	Subtest 1	17.01	17.12	17.18	18.00
	Subtest 2	17.10	17.21	17.16	18.00
	Subtest 3	16.63	16.56	16.58	17.50
	Subtest 4	16.64	16.67	16.63	17.50
HSUPA	Subtest 1	15.16	15.04	15.19	16.00
	Subtest 2	15.11	15.13	15.19	16.00
	Subtest 3	15.65	15.57	15.55	17.00
	Subtest 4	14.69	14.55	14.61	15.50
	Subtest 5	16.07	16.08	16.12	17.00
DC-HSDPA	Subtest 1	17.08	17.08	17.07	18.00
	Subtest 2	17.15	17.13	17.13	18.00
	Subtest 3	16.65	16.63	16.72	17.50
	Subtest 4	16.68	16.64	16.64	17.50
HSPA+	16QAM	16.14	16.10	16.15	17.00

### 2.3 Conducted Power of LTE

LTE Band 2				Conducted Power(dBm)					
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up		
				18607	18900	19193			
1.4MHz	QPSK	1	0	13.66	13.67	13.66	15.00		
		1	2	13.45	13.53	13.51	15.00		
		1	5	13.63	13.62	13.59	15.00		
		3	0	13.63	13.62	13.66	15.00		
		3	2	13.54	13.54	13.50	15.00		
		3	3	13.57	13.67	13.63	15.00		
	16QAM	6	0	12.77	12.66	12.67	14.00		
		1	0	12.67	12.74	12.72	14.00		
		1	2	12.65	12.58	12.57	14.00		
		1	5	12.65	12.66	12.72	14.00		
		3	0	12.69	12.78	12.74	14.00		
		3	2	12.70	12.58	12.59	14.00		
	64QAM	3	3	12.62	12.64	12.66	14.00		
		6	0	11.63	11.71	11.69	13.00		
		1	0	11.73	11.75	11.88	13.00		
		1	2	11.88	11.92	11.80	13.00		
		1	5	11.81	11.76	11.72	13.00		
		3	0	11.74	11.75	11.86	13.00		
		3	2	11.91	11.93	11.78	13.00		
		3	3	11.73	11.73	11.72	13.00		
		6	0	10.83	10.82	10.87	12.00		
		Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
		3MHz	QPSK	1	0	13.60	13.70	13.63	15.00
				1	7	13.49	13.47	13.49	15.00
1	14			13.63	13.64	13.63	15.00		

		8	0	12.75	12.81	12.77	14.00	
		8	4	12.61	12.75	12.73	14.00	
		8	7	12.67	12.73	12.69	14.00	
		15	0	12.76	12.71	12.64	14.00	
	16QAM	1	0	12.69	12.74	12.65	14.00	
		1	7	12.73	12.63	12.56	14.00	
		1	14	12.61	12.63	12.73	14.00	
		8	0	11.74	11.81	11.67	13.00	
		8	4	11.83	11.75	11.68	13.00	
		8	7	11.64	11.74	11.83	13.00	
	64QAM	15	0	11.68	11.74	11.73	13.00	
		1	0	11.74	11.76	11.85	13.00	
		1	7	11.90	11.90	11.77	13.00	
		1	14	11.77	11.71	11.73	13.00	
		8	0	10.99	11.00	10.98	12.00	
		8	4	10.87	10.91	10.92	12.00	
8		7	10.71	10.89	10.90	12.00		
15		0	10.79	10.83	10.93	12.00		
<b>Bandwidth</b>	<b>Modulation</b>	<b>RB size</b>	<b>RB offset</b>	<b>Channel</b>	<b>Channel</b>	<b>Channel</b>	<b>Tune up</b>	
				18625	18900	19175		
<b>5MHz</b>	QPSK	1	0	13.62	13.66	13.70	15.00	
		1	13	13.46	13.51	13.42	15.00	
		1	24	13.64	13.65	13.62	15.00	
		12	0	12.71	12.79	12.75	14.00	
		12	6	12.60	12.71	12.68	14.00	
		12	13	12.67	12.69	12.64	14.00	
		25	0	12.76	12.66	12.66	14.00	
	16QAM	1	0	12.68	12.73	12.74	14.00	
		1	13	12.72	12.63	12.50	14.00	
		1	24	12.68	12.67	12.68	14.00	
		12	0	11.70	11.78	11.70	13.00	
		12	6	11.77	11.79	11.69	13.00	
		12	13	11.69	11.72	11.74	13.00	
		25	0	11.64	11.69	11.72	13.00	
	64QAM	1	0	11.77	11.81	11.86	13.00	
		1	13	11.87	11.95	11.80	13.00	
		1	24	11.81	11.77	11.74	13.00	
		12	0	10.92	11.00	10.93	12.00	
		12	6	10.89	10.82	10.88	12.00	
		12	13	10.75	10.82	10.85	12.00	
		25	0	10.83	10.88	10.85	12.00	
	<b>Bandwidth</b>	<b>Modulation</b>	<b>RB size</b>	<b>RB offset</b>	<b>Channel</b>	<b>Channel</b>	<b>Channel</b>	<b>Tune up</b>
					18650	18900	19150	
	<b>10MHz</b>	QPSK	1	0	13.62	13.70	13.66	15.00
1			25	13.50	13.50	13.50	15.00	
1			49	13.60	13.59	13.63	15.00	



		25	0	12.70	12.79	12.73	14.00
		25	13	12.62	12.71	12.69	14.00
		25	25	12.63	12.76	12.65	14.00
		50	0	12.81	12.72	12.62	14.00
	16QAM	1	0	12.69	12.78	12.74	14.00
		1	25	12.72	12.54	12.50	14.00
		1	49	12.68	12.63	12.69	14.00
		25	0	11.71	11.81	11.70	13.00
		25	13	11.80	11.78	11.63	13.00
		25	25	11.70	11.73	11.78	13.00
	64QAM	50	0	11.65	11.76	11.67	13.00
		1	0	11.75	11.74	11.82	13.00
		1	25	11.91	11.87	11.82	13.00
		1	49	11.72	11.69	11.74	13.00
		25	0	10.90	10.92	10.94	12.00
		25	13	10.91	10.88	10.93	12.00
		25	25	10.73	10.80	10.84	12.00
50	0	10.86	10.82	10.89	12.00		
<b>Bandwidth</b>	<b>Modulation</b>	<b>RB size</b>	<b>RB offset</b>	<b>Channel</b>	<b>Channel</b>	<b>Channel</b>	<b>Tune up</b>
				18675	18900	19125	
<b>15MHz</b>	QPSK	1	0	13.61	13.68	13.68	15.00
		1	38	13.46	13.48	13.50	15.00
		1	74	13.66	13.65	13.58	15.00
		36	0	12.71	12.76	12.76	14.00
		36	18	12.68	12.68	12.66	14.00
		36	39	12.60	12.77	12.66	14.00
		75	0	12.78	12.74	12.67	14.00
	16QAM	1	0	12.74	12.70	12.73	14.00
		1	38	12.70	12.63	12.52	14.00
		1	74	12.58	12.65	12.64	14.00
		36	0	11.67	11.81	11.67	13.00
		36	18	11.81	11.81	11.64	13.00
		36	39	11.70	11.72	11.81	13.00
		75	0	11.63	11.67	11.67	13.00
	64QAM	1	0	11.79	11.79	11.82	13.00
		1	38	11.86	11.89	11.84	13.00
		1	74	11.73	11.72	11.69	13.00
		36	0	10.91	10.94	10.96	12.00
		36	18	10.84	10.89	10.84	12.00
		36	39	10.72	10.88	10.86	12.00
		75	0	10.84	10.88	10.87	12.00
<b>Bandwidth</b>	<b>Modulation</b>	<b>RB size</b>	<b>RB offset</b>	<b>Channel</b>	<b>Channel</b>	<b>Channel</b>	<b>Tune up</b>
				18700	18900	19100	
<b>20MHz</b>	QPSK	1	0	13.56	13.75	13.66	15.00
		1	50	13.60	13.58	13.44	15.00
		1	99	13.59	13.61	13.62	15.00

		50	0	12.73	12.80	12.72	14.00
		50	25	12.66	12.74	12.70	14.00
		50	50	12.67	12.62	12.63	14.00
		100	0	12.64	12.61	12.65	14.00
	16QAM	1	0	12.60	12.76	12.68	14.00
		1	50	12.75	12.57	12.54	14.00
		1	99	12.68	12.62	12.70	14.00
		50	0	11.81	11.72	11.78	13.00
		50	25	11.81	11.77	11.64	13.00
		50	50	11.74	11.69	11.76	13.00
	64QAM	100	0	11.73	11.69	11.71	13.00
		1	0	11.79	11.79	11.76	13.00
		1	50	11.81	11.86	11.71	13.00
		1	99	11.76	11.75	11.67	13.00
		50	0	10.88	10.87	10.92	12.00
		50	25	10.83	10.92	10.86	12.00
		50	50	10.76	10.87	10.84	12.00
		100	0	10.75	10.85	10.92	12.00

LTE Band 4				Conducted Power(dBm)				
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				19957	20175	20393		
1.4MHz	QPSK	1	0	15.51	15.55	15.53	17.00	
		1	2	15.44	15.43	15.45	17.00	
		1	5	15.46	15.41	15.52	17.00	
		3	0	15.40	15.39	15.49	17.00	
		3	2	15.52	15.38	15.40	17.00	
		3	3	15.50	15.43	15.42	17.00	
		6	0	14.65	14.54	14.50	16.00	
	16QAM	1	0	14.43	14.61	14.58	16.00	
		1	2	14.52	14.56	14.47	16.00	
		1	5	14.53	14.62	14.57	16.00	
		3	0	14.59	14.57	14.57	16.00	
		3	2	14.67	14.57	14.60	16.00	
		3	3	14.58	14.52	14.67	16.00	
		6	0	13.49	13.71	13.68	15.00	
	64QAM	1	0	13.58	13.63	13.75	15.00	
		1	2	13.85	13.68	13.68	15.00	
		1	5	13.63	13.71	13.74	15.00	
		3	0	13.72	13.64	13.71	15.00	
		3	2	13.65	13.69	13.63	15.00	
		3	3	13.76	13.56	13.75	15.00	
		6	0	12.66	12.75	12.83	14.00	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					19965	20175	20385	

<b>3MHz</b>	QPSK	1	0	15.44	15.43	15.39	17.00
		1	7	15.43	15.34	15.45	17.00
		1	14	15.37	15.36	15.49	17.00
		8	0	14.55	14.63	14.42	16.00
		8	4	14.39	14.45	14.50	16.00
		8	7	14.45	14.46	14.47	16.00
		15	0	14.49	14.55	14.37	16.00
	16QAM	1	0	14.56	14.52	14.52	16.00
		1	7	14.44	14.40	14.38	16.00
		1	14	14.46	14.43	14.51	16.00
		8	0	13.62	13.61	13.47	15.00
		8	4	13.56	13.44	13.36	15.00
		8	7	13.43	13.46	13.49	15.00
		15	0	13.49	13.48	13.52	15.00
	64QAM	1	0	13.43	13.60	13.50	15.00
		1	7	13.61	13.68	13.53	15.00
		1	14	13.58	13.54	13.52	15.00
		8	0	12.72	12.66	12.69	14.00
		8	4	12.77	12.67	12.70	14.00
		8	7	12.56	12.63	12.61	14.00
		15	0	12.61	12.57	12.60	14.00
<b>Bandwidth</b>	<b>Modulation</b>	<b>RB size</b>	<b>RB offset</b>	<b>Channel</b> 19975	<b>Channel</b> 20175	<b>Channel</b> 20375	<b>Tune up</b>
<b>5MHz</b>	QPSK	1	0	15.45	15.46	15.38	17.00
		1	13	15.46	15.31	15.46	17.00
		1	24	15.35	15.33	15.47	17.00
		12	0	14.54	14.60	14.40	16.00
		12	6	14.43	14.39	14.53	16.00
		12	13	14.40	14.48	14.51	16.00
		25	0	14.48	14.54	14.37	16.00
	16QAM	1	0	14.53	14.53	14.57	16.00
		1	13	14.43	14.39	14.36	16.00
		1	24	14.44	14.39	14.55	16.00
		12	0	13.67	13.51	13.54	15.00
		12	6	13.48	13.52	13.43	15.00
		12	13	13.38	13.51	13.43	15.00
		25	0	13.50	13.47	13.48	15.00
	64QAM	1	0	13.49	13.68	13.50	15.00
		1	13	13.60	13.67	13.50	15.00
		1	24	13.55	13.62	13.55	15.00
		12	0	12.73	12.64	12.75	14.00
		12	6	12.72	12.75	12.77	14.00
		12	13	12.65	12.61	12.58	14.00
		25	0	12.60	12.57	12.62	14.00
<b>Bandwidth</b>	<b>Modulation</b>	<b>RB size</b>	<b>RB offset</b>	<b>Channel</b> 20000	<b>Channel</b> 20175	<b>Channel</b> 20350	<b>Tune up</b>

10MHz	QPSK	1	0	15.47	15.39	15.42	17.00
		1	25	15.40	15.33	15.39	17.00
		1	49	15.40	15.32	15.44	17.00
		25	0	14.52	14.63	14.41	16.00
		25	13	14.47	14.36	14.51	16.00
		25	25	14.45	14.47	14.51	16.00
		50	0	14.51	14.53	14.43	16.00
	16QAM	1	0	14.54	14.56	14.56	16.00
		1	25	14.42	14.38	14.37	16.00
		1	49	14.49	14.45	14.50	16.00
		25	0	13.65	13.54	13.56	15.00
		25	13	13.50	13.51	13.36	15.00
		25	25	13.37	13.49	13.48	15.00
		50	0	13.48	13.47	13.54	15.00
	64QAM	1	0	13.46	13.65	13.54	15.00
		1	25	13.59	13.66	13.50	15.00
		1	49	13.56	13.53	13.55	15.00
		25	0	12.74	12.65	12.73	14.00
		25	13	12.72	12.70	12.72	14.00
		25	25	12.62	12.64	12.65	14.00
		50	0	12.60	12.64	12.58	14.00
Bandwidth	Modulation	RB size	RB offset	Channel 20025	Channel 20175	Channel 20325	Tune up
15MHz	QPSK	1	0	15.44	15.47	15.41	17.00
		1	38	15.48	15.32	15.44	17.00
		1	74	15.36	15.31	15.45	17.00
		36	0	14.62	14.59	14.44	16.00
		36	18	14.42	14.43	14.53	16.00
		36	39	14.45	14.44	14.52	16.00
		75	0	14.51	14.58	14.36	16.00
	16QAM	1	0	14.49	14.51	14.56	16.00
		1	38	14.40	14.34	14.35	16.00
		1	74	14.46	14.41	14.47	16.00
		36	0	13.67	13.54	13.53	15.00
		36	18	13.54	13.48	13.35	15.00
		36	39	13.46	13.52	13.43	15.00
		75	0	13.52	13.47	13.53	15.00
	64QAM	1	0	13.46	13.61	13.49	15.00
		1	38	13.62	13.66	13.48	15.00
		1	74	13.49	13.60	13.50	15.00
		36	0	12.75	12.68	12.79	14.00
		36	18	12.69	12.75	12.70	14.00
		36	39	12.64	12.56	12.61	14.00
		75	0	12.63	12.59	12.56	14.00
Bandwidth	Modulation	RB size	RB offset	Channel 20050	Channel 20175	Channel 20300	Tune up

<b>20MHz</b>	QPSK	1	0	15.59	15.67	15.63	17.00
		1	50	15.63	15.53	15.60	17.00
		1	99	15.62	15.59	15.66	17.00
		50	0	14.74	14.78	14.69	16.00
		50	25	14.67	14.59	14.73	16.00
		50	50	14.65	14.63	14.66	16.00
		100	0	14.72	14.76	14.60	16.00
	16QAM	1	0	14.77	14.78	14.78	16.00
		1	50	14.61	14.60	14.62	16.00
		1	99	14.65	14.67	14.71	16.00
		50	0	13.81	13.79	13.75	15.00
		50	25	13.72	13.68	13.60	15.00
		50	50	13.65	13.68	13.68	15.00
		100	0	13.73	13.62	13.66	15.00
	64QAM	1	0	13.68	13.83	13.66	15.00
		1	50	13.80	13.90	13.67	15.00
		1	99	13.75	13.79	13.75	15.00
		50	0	12.93	12.90	12.95	14.00
		50	25	12.89	12.92	12.91	14.00
		50	50	12.85	12.79	12.85	14.00
		100	0	12.76	12.78	12.84	14.00

LTE Band 25				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26047	26365	26683	
<b>1.4MHz</b>	QPSK	1	0	14.02	14.12	14.01	15.00
		1	2	13.86	13.94	13.96	15.00
		1	5	13.98	13.96	13.97	15.00
		3	0	13.93	14.01	13.93	15.00
		3	2	13.93	13.85	13.87	15.00
		3	3	13.92	13.99	13.95	15.00
		6	0	13.12	13.10	13.04	14.00
	16QAM	1	0	13.07	13.17	13.17	14.00
		1	2	13.15	12.92	13.04	14.00
		1	5	13.02	13.02	13.07	14.00
		3	0	13.03	13.11	13.08	14.00
		3	2	13.03	13.10	13.19	14.00
		3	3	13.03	13.10	13.17	14.00
		6	0	11.98	12.20	12.06	13.00
	64QAM	1	0	12.04	12.19	12.18	13.00
		1	2	12.18	12.34	12.12	13.00
		1	5	12.15	12.19	12.13	13.00
		3	0	12.18	12.14	12.13	13.00
		3	2	12.20	12.22	12.05	13.00
		3	3	12.20	12.16	12.29	13.00

Bandwidth	Modulation	6	0	11.20	11.25	11.26	12.00
		RB size	RB offset	Channel 26055	Channel 26365	Channel 26675	Tune up
3MHz	QPSK	1	0	14.16	14.18	14.20	15.00
		1	7	14.10	13.95	14.09	15.00
		1	14	14.03	14.12	14.06	15.00
		8	0	13.27	13.24	13.24	14.00
		8	4	13.22	13.13	13.21	14.00
		8	7	13.21	13.17	13.10	14.00
		15	0	13.18	13.17	13.08	14.00
	16QAM	1	0	13.10	13.22	13.25	14.00
		1	7	13.17	13.03	12.99	14.00
		1	14	13.18	13.29	13.10	14.00
		8	0	12.20	12.39	12.22	13.00
		8	4	12.25	12.20	12.07	13.00
		8	7	12.18	12.17	12.31	13.00
		15	0	12.16	12.18	12.29	13.00
	64QAM	1	0	12.18	12.30	12.33	13.00
		1	7	12.37	12.31	12.32	13.00
		1	14	12.19	12.38	12.21	13.00
		8	0	11.35	11.45	11.41	12.00
		8	4	11.41	11.41	11.38	12.00
		8	7	11.29	11.35	11.40	12.00
		15	0	11.26	11.26	11.32	12.00
Bandwidth	Modulation	RB size	RB offset	Channel 26065	Channel 26365	Channel 26665	Tune up
5MHz	QPSK	1	0	14.13	14.21	14.19	15.00
		1	13	14.06	13.97	14.07	15.00
		1	24	14.10	14.12	14.10	15.00
		12	0	13.29	13.20	13.22	14.00
		12	6	13.17	13.09	13.25	14.00
		12	13	13.12	13.22	13.19	14.00
		25	0	13.20	13.14	13.10	14.00
	16QAM	1	0	13.20	13.19	13.22	14.00
		1	13	13.19	13.09	13.00	14.00
		1	24	13.16	13.22	13.10	14.00
		12	0	12.22	12.37	12.30	13.00
		12	6	12.21	12.22	12.16	13.00
		12	13	12.17	12.19	12.27	13.00
		25	0	12.14	12.09	12.24	13.00
	64QAM	1	0	12.20	12.33	12.33	13.00
		1	13	12.33	12.29	12.26	13.00
		1	24	12.22	12.37	12.23	13.00
		12	0	11.34	11.44	11.39	12.00
		12	6	11.38	11.45	11.41	12.00
		12	13	11.37	11.35	11.37	12.00

Bandwidth	Modulation	25	0	11.28	11.28	11.26	12.00
		RB size	RB offset	Channel 26090	Channel 26365	Channel 26640	Tune up
10MHz	QPSK	1	0	14.12	14.18	14.20	15.00
		1	25	14.12	13.91	14.07	15.00
		1	49	14.07	14.19	14.07	15.00
		25	0	13.29	13.16	13.25	14.00
		25	13	13.18	13.06	13.18	14.00
		25	25	13.15	13.20	13.19	14.00
		50	0	13.14	13.11	13.11	14.00
	16QAM	1	0	13.17	13.23	13.23	14.00
		1	25	13.19	13.06	13.05	14.00
		1	49	13.15	13.25	13.15	14.00
		25	0	12.17	12.33	12.28	13.00
		25	13	12.27	12.25	12.17	13.00
		25	25	12.20	12.19	12.34	13.00
		50	0	12.21	12.12	12.23	13.00
	64QAM	1	0	12.13	12.27	12.28	13.00
		1	25	12.36	12.37	12.30	13.00
		1	49	12.23	12.30	12.19	13.00
		25	0	11.40	11.44	11.39	12.00
		25	13	11.34	11.44	11.45	12.00
		25	25	11.32	11.41	11.39	12.00
		50	0	11.22	11.26	11.34	12.00
Bandwidth	Modulation	RB size	RB offset	Channel 26115	Channel 26365	Channel 26615	Tune up
15MHz	QPSK	1	0	14.16	14.19	14.18	15.00
		1	38	14.10	13.96	14.07	15.00
		1	74	14.02	14.15	14.14	15.00
		36	0	13.24	13.23	13.22	14.00
		36	18	13.22	13.11	13.16	14.00
		36	39	13.20	13.18	13.13	14.00
		75	0	13.19	13.18	13.08	14.00
	16QAM	1	0	13.12	13.24	13.22	14.00
		1	38	13.16	13.06	12.99	14.00
		1	74	13.10	13.29	13.09	14.00
		36	0	12.23	12.32	12.21	13.00
		36	18	12.28	12.20	12.15	13.00
		36	39	12.15	12.19	12.30	13.00
		75	0	12.19	12.17	12.30	13.00
	64QAM	1	0	12.15	12.24	12.33	13.00
		1	38	12.33	12.32	12.25	13.00
		1	74	12.18	12.33	12.28	13.00
		36	0	11.36	11.40	11.44	12.00
		36	18	11.41	11.46	11.43	12.00
		36	39	11.32	11.32	11.42	12.00

Bandwidth	Modulation	75	0	11.29	11.27	11.29	12.00
		RB size	RB offset	Channel 26140	Channel 26365	Channel 26590	Tune up
20MHz	QPSK	1	0	14.16	14.27	14.24	15.00
		1	50	14.11	14.01	14.02	15.00
		1	99	14.12	14.12	14.02	15.00
		50	0	13.31	13.32	13.31	14.00
		50	25	13.22	13.14	13.20	14.00
		50	50	13.05	13.14	13.19	14.00
		100	0	13.19	13.23	13.17	14.00
	16QAM	1	0	13.15	13.24	13.36	14.00
		1	50	13.19	13.07	13.12	14.00
		1	99	13.10	13.18	13.15	14.00
		50	0	12.26	12.30	12.21	13.00
		50	25	12.33	12.26	12.06	13.00
		50	50	12.14	12.20	12.24	13.00
		100	0	12.11	12.20	12.21	13.00
	64QAM	1	0	12.17	12.29	12.41	13.00
		1	50	12.40	12.37	12.38	13.00
		1	99	12.25	12.31	12.31	13.00
		50	0	11.44	11.51	11.42	12.00
		50	25	11.41	11.43	11.36	12.00
		50	50	11.32	11.32	11.42	12.00
		100	0	11.24	11.32	11.32	12.00

LTE Band 30				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				27685	27710	27735	
5MHz	QPSK	1	0	11.44	11.48	11.45	13.00
		1	13	11.41	11.34	11.41	13.00
		1	24	11.47	11.35	11.30	13.00
		12	0	10.62	10.62	10.58	12.00
		12	6	10.38	10.42	10.40	12.00
		12	13	10.47	10.53	10.40	12.00
		25	0	10.46	10.46	10.51	12.00
	16QAM	1	0	10.52	10.60	10.52	12.00
		1	13	10.53	10.44	10.36	12.00
		1	24	10.51	10.52	10.41	12.00
		12	0	9.52	9.66	9.52	11.00
		12	6	9.48	9.58	9.47	11.00
		12	13	9.46	9.45	9.51	11.00
		25	0	9.41	9.52	9.51	11.00
	64QAM	1	0	9.45	9.65	9.63	11.00
		1	13	9.56	9.67	9.63	11.00
		1	24	9.54	9.57	9.54	11.00



Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	27710	/	
10MHz	QPSK	12	0	8.69	8.69	8.71	10.00
		12	6	8.80	8.72	8.70	10.00
		12	13	8.59	8.64	8.66	10.00
		25	0	8.58	8.58	8.69	10.00
		1	0	/	11.71	/	13.00
		1	25	/	11.52	/	13.00
		1	49	/	11.68	/	13.00
	16QAM	25	0	/	10.80	/	12.00
		25	13	/	10.69	/	12.00
		25	25	/	10.63	/	12.00
		50	0	/	10.70	/	12.00
		1	0	/	10.72	/	12.00
		1	25	/	10.64	/	12.00
		1	49	/	10.75	/	12.00
		25	0	/	9.76	/	11.00
		25	13	/	9.75	/	11.00
		25	25	/	9.63	/	11.00
		50	0	/	9.63	/	11.00
	64QAM	1	0	/	9.76	/	11.00
		1	25	/	9.90	/	11.00
		1	49	/	9.82	/	11.00
		25	0	/	8.97	/	10.00
		25	13	/	8.96	/	10.00
		25	25	/	8.72	/	10.00
		50	0	/	8.90	/	10.00

LTE Band 66				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131979	132322	132665	
1.4MHz	QPSK	1	0	15.68	15.59	15.63	17.00
		1	2	15.52	15.47	15.49	17.00
		1	5	15.57	15.64	15.57	17.00
		3	0	15.49	15.56	15.50	17.00
		3	1	15.58	15.51	15.37	17.00
		3	3	15.45	15.45	15.57	17.00
		6	0	14.78	14.75	14.73	16.00
	16QAM	1	0	14.63	14.61	14.76	16.00
		1	2	14.62	14.70	14.64	16.00
		1	5	14.72	14.61	14.62	16.00
		3	0	14.68	14.74	14.66	16.00
		3	1	14.76	14.67	14.72	16.00
		3	3	14.74	14.70	14.78	16.00
		6	0	13.67	13.72	13.71	15.00

	64QAM	1	0	13.80	13.89	13.75	15.00
		1	2	13.91	13.83	13.82	15.00
		1	5	13.79	13.89	13.77	15.00
		3	0	13.71	13.82	13.72	15.00
		3	1	13.72	13.86	13.73	15.00
		3	3	13.69	13.79	13.76	15.00
		6	0	12.84	12.80	12.83	14.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131987	132322	132657	
3MHz	QPSK	1	0	15.67	15.72	15.66	17.00
		1	7	15.53	15.57	15.55	17.00
		1	14	15.58	15.58	15.59	17.00
		8	0	14.81	14.88	14.61	16.00
		8	4	14.56	14.64	14.80	16.00
		8	7	14.51	14.63	14.71	16.00
		15	0	14.63	14.69	14.62	16.00
	16QAM	1	0	14.69	14.67	14.66	16.00
		1	7	14.69	14.76	14.63	16.00
		1	14	14.66	14.64	14.73	16.00
		8	0	13.72	13.83	13.78	15.00
		8	4	13.72	13.75	13.63	15.00
		8	7	13.71	13.63	13.72	15.00
		15	0	13.69	13.72	13.71	15.00
	64QAM	1	0	13.84	13.69	13.72	15.00
		1	7	13.84	13.80	13.77	15.00
		1	14	13.72	13.70	13.81	15.00
		8	0	12.88	12.90	12.88	14.00
		8	4	12.95	12.94	12.99	14.00
		8	7	12.77	12.85	12.91	14.00
		15	0	12.79	12.89	12.77	14.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131997	132322	132647	
5MHz	QPSK	1	0	15.67	15.66	15.69	17.00
		1	13	15.46	15.52	15.47	17.00
		1	24	15.66	15.54	15.65	17.00
		12	0	14.74	14.79	14.69	16.00
		12	6	14.58	14.62	14.77	16.00
		12	13	14.56	14.64	14.72	16.00
		25	0	14.62	14.72	14.63	16.00
	16QAM	1	0	14.64	14.73	14.66	16.00
		1	13	14.73	14.71	14.59	16.00
		1	24	14.75	14.57	14.76	16.00
		12	0	13.78	13.77	13.70	15.00
		12	6	13.73	13.73	13.68	15.00
		12	13	13.67	13.60	13.71	15.00
		25	0	13.66	13.71	13.73	15.00

	64QAM	1	0	13.83	13.67	13.69	15.00
		1	13	13.79	13.79	13.77	15.00
		1	24	13.75	13.75	13.83	15.00
		12	0	12.86	12.85	12.91	14.00
		12	6	12.89	12.94	13.01	14.00
		12	13	12.76	12.92	12.91	14.00
		25	0	12.73	12.82	12.83	14.00
<b>Bandwidth</b>	<b>Modulation</b>	<b>RB size</b>	<b>RB offset</b>	<b>Channel</b>	<b>Channel</b>	<b>Channel</b>	<b>Tune up</b>
				132022	132322	132622	
<b>10MHz</b>	QPSK	1	0	15.57	15.73	15.67	17.00
		1	25	15.44	15.58	15.52	17.00
		1	49	15.59	15.56	15.63	17.00
		25	0	14.74	14.81	14.62	16.00
		25	13	14.55	14.67	14.79	16.00
		25	25	14.51	14.64	14.64	16.00
		50	0	14.67	14.70	14.60	16.00
	16QAM	1	0	14.71	14.70	14.69	16.00
		1	25	14.67	14.73	14.65	16.00
		1	49	14.71	14.59	14.74	16.00
		25	0	13.74	13.78	13.75	15.00
		25	13	13.74	13.74	13.62	15.00
		25	25	13.68	13.66	13.76	15.00
		50	0	13.65	13.70	13.67	15.00
	64QAM	1	0	13.79	13.68	13.78	15.00
		1	25	13.81	13.76	13.79	15.00
		1	49	13.71	13.68	13.78	15.00
		25	0	12.83	12.84	12.90	14.00
		25	13	12.97	12.95	12.96	14.00
		25	25	12.78	12.90	12.96	14.00
		50	0	12.72	12.89	12.82	14.00
<b>Bandwidth</b>	<b>Modulation</b>	<b>RB size</b>	<b>RB offset</b>	<b>Channel</b>	<b>Channel</b>	<b>Channel</b>	<b>Tune up</b>
				132047	132322	132597	
<b>15MHz</b>	QPSK	1	0	15.61	15.70	15.62	17.00
		1	38	15.48	15.58	15.52	17.00
		1	74	15.62	15.61	15.66	17.00
		36	0	14.79	14.86	14.62	16.00
		36	18	14.63	14.65	14.76	16.00
		36	39	14.54	14.70	14.72	16.00
		75	0	14.66	14.70	14.64	16.00
	16QAM	1	0	14.67	14.65	14.69	16.00
		1	38	14.65	14.72	14.63	16.00
		1	74	14.68	14.60	14.75	16.00
		36	0	13.73	13.80	13.76	15.00
		36	18	13.72	13.72	13.67	15.00
		36	39	13.68	13.59	13.76	15.00
		75	0	13.64	13.71	13.71	15.00

	64QAM	1	0	13.76	13.73	13.72	15.00
		1	38	13.79	13.77	13.73	15.00
		1	74	13.71	13.74	13.78	15.00
		36	0	12.82	12.90	12.89	14.00
		36	18	12.97	12.97	12.96	14.00
		36	39	12.75	12.91	12.88	14.00
		75	0	12.78	12.85	12.75	14.00
<b>Bandwidth</b>	<b>Modulation</b>	<b>RB size</b>	<b>RB offset</b>	<b>Channel</b>	<b>Channel</b>	<b>Channel</b>	<b>Tune up</b>
				132072	132322	132572	
<b>20MHz</b>	QPSK	1	0	15.59	15.79	15.71	17.00
		1	50	15.50	15.51	15.53	17.00
		1	99	15.59	15.60	15.64	17.00
		50	0	14.72	14.88	14.69	16.00
		50	25	14.66	14.70	14.65	16.00
		50	50	14.57	14.59	14.69	16.00
		100	0	14.73	14.79	14.58	16.00
	16QAM	1	0	14.67	14.64	14.74	16.00
		1	50	14.59	14.66	14.63	16.00
		1	99	14.66	14.60	14.62	16.00
		50	0	13.68	13.75	13.79	15.00
		50	25	13.81	13.63	13.70	15.00
		50	50	13.74	13.62	13.72	15.00
		100	0	13.68	13.80	13.76	15.00
	64QAM	1	0	13.83	13.71	13.75	15.00
		1	50	13.84	13.75	13.79	15.00
		1	99	13.70	13.79	13.69	15.00
		50	0	12.93	12.96	12.87	14.00
		50	25	12.93	12.88	12.92	14.00
		50	50	12.77	12.87	12.96	14.00
		100	0	12.86	12.82	12.85	14.00

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

#### 3.1 Conducted Power of LTE

LTE Band 48				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				55265	55990	56715	
5MHz	QPSK	1	0	16.60	16.80	16.65	18.00
		1	13	16.74	16.64	16.59	18.00
		1	24	16.70	16.77	16.75	18.00
		12	0	15.85	15.86	15.71	17.00
		12	6	15.75	15.72	15.74	17.00
		12	13	15.67	15.75	15.74	17.00
		25	0	15.84	15.78	15.76	17.00
	16QAM	1	0	15.78	15.71	15.88	17.00
		1	13	15.73	15.72	15.81	17.00
		1	24	15.91	15.84	15.69	17.00
		12	0	14.72	14.93	14.84	16.00
		12	6	14.87	14.92	14.84	16.00
		12	13	14.76	14.79	14.85	16.00
		25	0	14.70	14.70	14.80	16.00
	64QAM	1	0	14.81	14.79	14.92	16.00
		1	13	14.95	15.05	15.03	16.00
		1	24	14.93	14.89	14.97	16.00
		12	0	14.05	14.11	14.00	15.00
		12	6	13.88	13.98	14.11	15.00
		12	13	13.88	13.92	13.98	15.00
		25	0	13.94	14.00	13.94	15.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
10MHz	QPSK	1	0	16.61	16.82	16.73	18.00
		1	25	16.80	16.62	16.63	18.00
		1	49	16.61	16.72	16.68	18.00
		25	0	15.85	15.81	15.71	17.00
		25	13	15.81	15.76	15.72	17.00
		25	25	15.74	15.79	15.66	17.00
		50	0	15.84	15.80	15.72	17.00
	16QAM	1	0	15.86	15.70	15.87	17.00
		1	25	15.79	15.68	15.80	17.00
		1	49	15.82	15.81	15.75	17.00
		25	0	14.71	14.96	14.83	16.00
		25	13	14.94	14.84	14.88	16.00
		25	25	14.68	14.86	14.90	16.00
		50	0	14.70	14.72	14.88	16.00
	64QAM	1	0	14.84	14.81	14.94	16.00
		1	25	14.91	15.01	14.97	16.00
		1	49	14.94	14.88	14.95	16.00

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				55315	55990	56665		
15MHz	QPSK	25	0	13.99	14.04	13.96	15.00	
		25	13	13.93	14.02	14.18	15.00	
		25	25	13.86	13.99	13.94	15.00	
		50	0	13.85	13.94	13.87	15.00	
		1	0	16.67	16.84	16.66	18.00	
		1	38	16.82	16.63	16.67	18.00	
		1	74	16.67	16.75	16.75	18.00	
	16QAM	36	0	15.85	15.82	15.70	17.00	
		36	18	15.78	15.77	15.75	17.00	
		36	39	15.66	15.80	15.66	17.00	
		75	0	15.77	15.83	15.77	17.00	
		1	0	15.84	15.76	15.93	17.00	
		1	38	15.74	15.75	15.82	17.00	
		1	74	15.85	15.80	15.69	17.00	
	64QAM	36	0	14.75	14.96	14.81	16.00	
		36	18	14.88	14.91	14.86	16.00	
		36	39	14.73	14.80	14.90	16.00	
		75	0	14.80	14.72	14.81	16.00	
		1	0	14.80	14.81	14.98	16.00	
		1	38	14.95	15.06	14.96	16.00	
		1	74	14.86	14.96	14.94	16.00	
	20MHz	QPSK	36	0	14.05	14.09	14.00	15.00
			36	18	13.96	14.00	14.14	15.00
			36	39	13.93	13.97	14.00	15.00
			75	0	13.94	13.96	13.95	15.00
			1	0	16.83	16.98	16.95	18.00
			1	50	16.91	16.83	16.74	18.00
			1	99	16.85	16.85	16.79	18.00
16QAM		50	0	16.06	16.07	15.96	17.00	
		50	25	15.91	15.92	15.97	17.00	
		50	50	15.89	15.92	15.91	17.00	
		100	0	15.99	16.06	15.85	17.00	
		1	0	15.99	16.01	16.12	17.00	
		1	50	15.92	15.96	16.02	17.00	
	1	99	16.04	15.99	15.93	17.00		
64QAM	50	0	15.07	15.12	15.04	16.00		
	50	25	15.03	15.05	14.98	16.00		
	50	50	14.89	14.98	14.96	16.00		
	100	0	15.01	14.93	14.96	16.00		
	1	0	15.00	14.98	15.15	16.00		
	1	50	15.09	15.24	15.20	16.00		
		1	99	15.13	14.98	15.04	16.00	

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		50	0	14.18	14.30	14.16	15.00
		50	25	14.23	14.22	14.28	15.00
		50	50	14.11	14.23	14.15	15.00
		100	0	14.10	14.22	14.07	15.00

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## 4 Conducted Power of Main Antenna(Ant4)

### 4.1 Conducted Power of LTE

LTE Band 41 PC3				Conducted Power(dBm)					
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39675	40148	40620	41093	41565	
5MHz	QPSK	1	0	22.52	22.49	23.04	23.14	23.00	24.00
		1	13	22.31	22.27	22.93	22.85	22.89	24.00
		1	24	22.35	22.35	23.00	22.94	23.00	24.00
		12	0	21.53	21.50	22.08	22.14	22.12	23.00
		12	6	21.47	21.45	22.14	21.99	22.00	23.00
		12	13	21.50	21.47	22.01	22.06	22.08	23.00
		25	0	21.45	21.50	22.07	22.06	22.05	23.00
	16QAM	1	0	21.53	21.58	22.08	22.15	22.16	23.00
		1	13	21.49	21.47	22.10	22.13	22.08	23.00
		1	24	21.44	21.48	22.08	22.16	22.07	23.00
		12	0	20.69	20.57	21.06	21.16	21.19	22.00
		12	6	20.55	20.42	21.15	21.16	21.06	22.00
		12	13	20.61	20.53	21.07	21.19	21.16	22.00
		25	0	20.50	20.58	21.02	21.12	21.11	22.00
	64QAM	1	0	20.51	20.60	21.17	21.15	21.18	22.00
		1	13	20.67	20.65	21.26	21.35	21.30	22.00
		1	24	20.69	20.59	21.14	21.21	21.24	22.00
		12	0	19.70	19.69	20.32	20.34	20.28	21.00
		12	6	19.75	19.71	20.37	20.37	20.32	21.00
		12	13	19.64	19.66	20.17	20.28	20.34	21.00
		25	0	19.62	19.56	20.17	20.29	20.26	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
10MHz	QPSK	1	0	22.49	22.45	23.00	23.13	22.97	24.00
		1	25	22.25	22.33	22.96	22.84	22.88	24.00
		1	49	22.31	22.41	22.90	22.96	23.06	24.00
		25	0	21.50	21.54	22.10	22.12	22.17	23.00
		25	13	21.41	21.47	22.14	22.02	22.09	23.00
		25	25	21.50	21.48	22.04	22.06	21.99	23.00
		50	0	21.48	21.51	22.07	22.10	22.02	23.00
	16QAM	1	0	21.47	21.62	22.09	22.09	22.17	23.00
		1	25	21.46	21.46	22.14	22.06	22.06	23.00
		1	49	21.48	21.50	22.07	22.09	22.03	23.00
		25	0	20.59	20.53	21.12	21.12	21.17	22.00
		25	13	20.46	20.44	21.19	21.20	21.03	22.00
		25	25	20.62	20.50	21.07	21.11	21.07	22.00
		50	0	20.51	20.58	21.07	21.11	21.08	22.00
	64QAM	1	0	20.48	20.62	21.15	21.20	21.24	22.00
		1	25	20.69	20.58	21.26	21.33	21.26	22.00
		1	49	20.65	20.62	21.18	21.26	21.17	22.00



Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up	
				39725	40173	40620	41068	41515		
15MHz	QPSK	25	0	19.71	19.74	20.25	20.34	20.29	21.00	
		25	13	19.76	19.80	20.33	20.44	20.41	21.00	
		25	25	19.62	19.64	20.22	20.24	20.28	21.00	
		50	0	19.65	19.58	20.22	20.24	20.19	21.00	
		1	0	22.48	22.47	22.94	23.14	23.01	24.00	
		1	38	22.28	22.34	23.01	22.89	22.96	24.00	
		1	74	22.31	22.38	23.00	22.98	23.07	24.00	
	16QAM	36	0	21.50	21.57	22.07	22.15	22.11	23.00	
		36	18	21.41	21.53	22.14	22.06	22.09	23.00	
		36	39	21.44	21.39	22.01	22.06	21.99	23.00	
		75	0	21.49	21.41	22.07	22.12	22.03	23.00	
		1	0	21.52	21.61	22.04	22.11	22.19	23.00	
		1	38	21.49	21.47	22.10	22.14	22.00	23.00	
		1	74	21.51	21.42	22.13	22.10	22.04	23.00	
	64QAM	36	0	20.69	20.54	21.09	21.19	21.18	22.00	
		36	18	20.52	20.49	21.19	21.24	21.13	22.00	
		36	39	20.53	20.56	21.00	21.19	21.09	22.00	
		75	0	20.51	20.51	21.01	21.07	21.15	22.00	
		1	0	20.58	20.59	21.13	21.12	21.16	22.00	
		1	38	20.67	20.55	21.25	21.26	21.30	22.00	
		1	74	20.63	20.56	21.14	21.18	21.23	22.00	
	20MHz	QPSK	36	0	19.76	19.72	20.24	20.40	20.26	21.00
			36	18	19.78	19.75	20.32	20.36	20.37	21.00
			36	39	19.70	19.64	20.17	20.27	20.36	21.00
			75	0	19.59	19.63	20.21	20.23	20.20	21.00
			1	0	22.47	22.45	23.20	22.99	23.03	24.00
			1	50	22.33	22.30	22.99	22.84	22.90	24.00
			1	99	22.42	22.45	23.01	22.94	23.02	24.00
16QAM		50	0	21.54	21.53	22.19	22.13	22.13	23.00	
		50	25	21.39	21.43	22.06	21.98	22.03	23.00	
		50	50	21.43	21.41	21.97	22.08	22.06	23.00	
		100	0	21.57	21.50	22.06	22.03	22.02	23.00	
		1	0	21.46	21.59	22.11	22.10	22.16	23.00	
		1	50	21.38	21.47	22.11	22.14	21.99	23.00	
		1	99	21.51	21.51	22.03	22.10	22.02	23.00	
64QAM	50	0	20.55	20.61	21.07	21.21	21.20	22.00		
	50	25	20.50	20.48	21.14	21.20	21.09	22.00		
	50	50	20.56	20.50	21.07	21.08	21.07	22.00		
64QAM	100	0	20.54	20.53	21.07	21.11	21.08	22.00		
	1	0	20.53	20.66	21.27	21.18	21.19	22.00		
	1	50	20.71	20.55	21.24	21.27	21.24	22.00		
64QAM	1	99	20.66	20.53	21.13	21.28	21.16	22.00		

		50	0	19.72	19.69	20.31	20.34	20.33	21.00
		50	25	19.78	19.77	20.27	20.47	20.34	21.00
		50	50	19.66	19.61	20.18	20.24	20.27	21.00
		100	0	19.65	19.62	20.19	20.19	20.25	21.00

LTE Band 41 PC2				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	23.70	23.67	24.07	24.27	24.20	25.00	
		1	13	23.52	23.59	24.10	23.87	24.05	25.00	
		1	24	23.62	23.63	23.97	24.11	24.09	25.00	
		12	0	22.73	22.70	23.26	23.22	23.14	24.00	
		12	6	22.62	22.66	23.20	23.08	23.20	24.00	
		12	13	22.66	22.67	23.07	23.12	23.09	24.00	
	16QAM	25	0	22.67	22.61	23.16	23.14	23.18	24.00	
		1	0	22.74	22.67	23.19	23.20	23.19	24.00	
		1	13	22.66	22.62	23.16	23.13	23.11	24.00	
		1	24	22.73	22.67	23.26	23.23	23.10	24.00	
		12	0	21.78	21.74	22.17	22.31	22.26	23.00	
		12	6	21.76	21.77	22.18	22.21	22.15	23.00	
	64QAM	12	13	21.75	21.70	22.10	22.21	22.15	23.00	
		25	0	21.65	21.68	22.17	22.21	22.24	23.00	
		1	0	21.78	21.83	22.27	22.29	22.33	23.00	
		1	13	21.89	21.85	22.36	22.33	22.31	23.00	
		1	24	21.72	21.74	22.26	22.26	22.25	23.00	
		12	0	21.01	20.90	21.39	21.53	21.39	22.00	
	10MHz	QPSK	12	6	20.96	20.93	21.49	21.54	21.46	22.00
			12	13	20.80	20.84	21.37	21.37	21.38	22.00
			25	0	20.85	20.87	21.31	21.38	21.26	22.00
1			0	23.78	23.64	24.06	24.26	24.22	25.00	
1			25	23.52	23.56	24.13	23.94	24.03	25.00	
1			49	23.58	23.60	24.04	24.14	24.12	25.00	
16QAM		25	0	22.73	22.80	23.26	23.22	23.15	24.00	
		25	13	22.72	22.69	23.20	23.13	23.25	24.00	
		25	25	22.61	22.70	23.12	23.19	23.13	24.00	
		50	0	22.74	22.60	23.19	23.15	23.18	24.00	
		1	0	22.66	22.74	23.15	23.20	23.15	24.00	
		1	25	22.70	22.65	23.19	23.16	23.13	24.00	
16QAM	1	49	22.71	22.61	23.21	23.27	23.08	24.00		
	25	0	21.82	21.75	22.16	22.35	22.30	23.00		
	25	13	21.82	21.74	22.18	22.28	22.21	23.00		
	25	25	21.74	21.66	22.11	22.23	22.17	23.00		
	50	0	21.64	21.77	22.23	22.20	22.30	23.00		

		1	0	21.78	21.83	22.26	22.23	22.28	23.00
		1	25	21.90	21.78	22.35	22.31	22.32	23.00
		1	49	21.78	21.81	22.32	22.28	22.29	23.00
		25	0	21.02	20.87	21.46	21.50	21.44	22.00
		25	13	20.99	20.99	21.44	21.53	21.42	22.00
		25	25	20.78	20.92	21.34	21.27	21.38	22.00
		50	0	20.88	20.85	21.35	21.30	21.32	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39725	40173	40620	41068	41515	
15MHz	QPSK	1	0	23.75	23.67	24.00	24.26	24.16	25.00
		1	38	23.50	23.58	24.18	23.92	24.03	25.00
		1	74	23.63	23.58	23.98	24.14	24.12	25.00
		36	0	22.73	22.80	23.21	23.17	23.13	24.00
		36	18	22.67	22.69	23.15	23.09	23.20	24.00
		36	39	22.60	22.64	23.12	23.16	23.16	24.00
		75	0	22.70	22.58	23.19	23.19	23.09	24.00
	16QAM	1	0	22.70	22.65	23.21	23.13	23.15	24.00
		1	38	22.67	22.69	23.15	23.11	23.19	24.00
		1	74	22.75	22.66	23.26	23.21	23.08	24.00
		36	0	21.82	21.74	22.17	22.29	22.34	23.00
		36	18	21.75	21.76	22.23	22.26	22.15	23.00
		36	39	21.77	21.70	22.08	22.20	22.16	23.00
		75	0	21.62	21.69	22.17	22.19	22.26	23.00
	64QAM	1	0	21.77	21.91	22.35	22.22	22.30	23.00
		1	38	21.85	21.78	22.26	22.35	22.29	23.00
		1	74	21.80	21.77	22.30	22.35	22.22	23.00
		36	0	20.99	20.87	21.45	21.44	21.38	22.00
		36	18	20.95	20.96	21.43	21.54	21.45	22.00
		36	39	20.80	20.81	21.27	21.28	21.31	22.00
		75	0	20.87	20.80	21.35	21.28	21.36	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39750	40185	40620	41055	41490	
20MHz	QPSK	1	0	23.73	23.67	24.32	24.04	24.14	25.00
		1	50	23.50	23.52	24.08	23.91	24.04	25.00
		1	99	23.68	23.55	24.00	24.07	24.08	25.00
		50	0	22.69	22.76	23.23	23.22	23.13	24.00
		50	25	22.61	22.69	23.18	23.13	23.23	24.00
		50	50	22.62	22.64	23.05	23.10	23.16	24.00
		100	0	22.68	22.61	23.22	23.11	23.11	24.00
	16QAM	1	0	22.74	22.66	23.22	23.20	23.23	24.00
		1	50	22.68	22.66	23.12	23.18	23.10	24.00
		1	99	22.76	22.61	23.19	23.25	23.14	24.00
		50	0	21.88	21.73	22.18	22.34	22.28	23.00
		50	25	21.75	21.69	22.20	22.28	22.15	23.00
		50	50	21.76	21.67	22.15	22.19	22.18	23.00
		100	0	21.63	21.72	22.22	22.21	22.29	23.00

	64QAM	1	0	21.72	21.86	22.32	22.24	22.28	23.00
		1	50	21.89	21.82	22.36	22.38	22.29	23.00
		1	99	21.82	21.75	22.34	22.34	22.23	23.00
		50	0	20.98	20.87	21.44	21.45	21.42	22.00
		50	25	21.04	20.93	21.46	21.47	21.42	22.00
		50	50	20.76	20.84	21.32	21.32	21.42	22.00
		100	0	20.88	20.77	21.33	21.34	21.28	22.00

## 5 Conducted Power of LTE Downlink CA

CA List	PCC								SCC1				Power	
	LTE	Ant	BW (MHz)	UL	UL	Mod.	UL#	UL	LTE	BW (MHz)	DL	DL	With CA	Without CA
	Band			Freq.	Channel		RB	RB Offset	Band		Freq. (MHz)	Channel	Tx. Power	Tx. Power
				(MHz)									(dBm)	(dBm)
CA_2A-4A	Band 2	2	20M	2535	21100	QPSK	1	0	Band 4	20M	2132.5	2175	13.54	13.75
	Band 4	2	20M	1732.5	20175	QPSK	1	0	Band 2	20M	1960	900	15.48	15.67
CA_2A-5A	Band 2	2	20M	1880	18900	QPSK	1	0	Band 5	10M	881.5	2525	13.58	13.75
	Band 5	1	10M	836.5	20525	QPSK	1	0	Band 2	20M	1960	900	23.02	23.21
CA_2A-12A	Band 2	2	20M	1880	18900	QPSK	1	0	Band 12	10M	737.5	5095	13.5	13.75
	Band 12	1	10M	707.5	23095	QPSK	1	0	Band 2	20M	1960	900	23.16	23.36
CA_2A-13A	Band 2	2	20M	1880	18900	QPSK	1	0	Band 13	10M	5230	751	13.57	13.75
	Band 13	1	10M	782	23230	QPSK	1	0	Band 2	20M	1960	900	23.05	23.21
CA_2A-17A	Band 2	2	20M	1880	18900	QPSK	1	0	Band 17	10M	5790	740	13.51	13.75
	Band 17	1	10M	710	23790	QPSK	1	0	Band 2	20M	1960	900	23.15	23.33
CA_2A-66A	Band 2	2	20M	1880	18900	QPSK	1	0	Band 66	20M	2164.8	66984	13.54	13.75
	Band 66	2	20M	1745	132322	QPSK	1	0	Band 2	20M	1960	900	15.6	15.79
CA_4A-5A	Band 4	2	20M	1732.5	20175	QPSK	1	0	Band 5	10M	881.5	2525	15.45	15.67
	Band 5	1	10M	836.5	20525	QPSK	1	0	Band 4	20M	2132.5	2175	23.04	23.21
CA_4A-12A	Band 4	2	20M	1732.5	20175	QPSK	1	0	Band 12	10M	737.5	5095	15.51	15.67
	Band 12	1	10M	707.5	23095	QPSK	1	0	Band 4	20M	2152.5	2375	23.14	23.36
CA_4A-17A	Band 4	2	20M	1732.5	20175	QPSK	1	0	Band 17	10M	5790	740	15.43	15.67
	Band 17	1	10M	710	23790	QPSK	1	0	Band 4	20M	2152.5	2375	23	23.21
CA_5A-12A	Band 5	1	10M	836.5	20525	QPSK	1	0	Band 12	10M	737.5	5095	23.02	23.21
	Band 12	1	10M	707.5	23095	QPSK	1	0	Band 5	10M	881.5	2525	23.18	23.36
CA_5A-30A	Band 5	1	10M	836.5	20525	QPSK	1	0	Band 30	10M	2355	9820	23.04	23.21
	Band 30	2	10M	2310	27710	QPSK	1	0	Band 5	10M	881.5	2525	11.55	11.71
CA_5A-66A	Band 5	1	10M	836.5	20525	QPSK	1	0	Band 66	20M	2145	66786	23.04	23.21
	Band 66	2	20M	1745	132322	QPSK	1	0	Band 5	10M	881.5	2525	15.57	15.79
CA_12A-30A	Band 12	1	10M	707.5	23095	QPSK	1	0	Band 30	10M	2355	9820	23.12	23.36
	Band 30	2	10M	2310	27710	QPSK	1	0	Band 12	10M	737.5	5095	11.56	11.71
CA_12A-66A	Band 12	1	10M	707.5	23095	QPSK	1	0	Band 66	20M	2145	66786	23.17	23.36
	Band 66	2	20M	1745	132322	QPSK	1	0	Band 12	10M	737.5	5095	15.64	15.79
CA_13A-30A	Band 13	1	10M	782	23230	QPSK	1	0	Band 30	10M	2355	9820	22.97	23.21
	Band 30	2	10M	2310	27710	QPSK	1	0	Band 13	10M	5230	751	11.52	11.71
CA_13A-66A	Band 13	1	10M	782	23230	QPSK	1	0	Band 66	20M	2145	66786	22.97	23.21
	Band 66	2	20M	1745	132322	QPSK	1	0	Band 13	10M	5230	751	15.62	15.79

## 6 Conducted Power of NR Antenna

### 6.1 Conducted Power of NR Antenna (Ant1)

N5				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				166800	167300	167800	
				834	836.5	839	
<b>20MHz</b>	DFT-s-OFDM PI/2 BPSK	1	1	22.03	22.17	22.21	23.00
		1	53	22.06	22.23	22.13	23.00
		1	104	22.12	22.12	22.19	23.00
		50	0	21.07	21.23	21.24	22.00
		50	28	22.18	22.14	22.18	23.00
		50	56	21.01	21.29	21.07	22.00
	DFT-s-OFDM QPSK	1	1	22.21	22.32	22.27	23.00
		1	53	22.12	22.12	22.23	23.00
		1	104	22.06	22.15	22.10	23.00
		50	0	21.11	21.31	21.13	22.00
		50	28	22.05	22.25	22.18	23.00
		50	56	21.03	21.26	21.07	22.00
	DFT-s-OFDM 16QAM	1	1	21.10	21.23	21.22	22.00
		1	1	19.50	19.65	19.71	20.50
		1	1	17.63	17.66	17.61	18.50
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				344000	349500	355000	
<b>20MHz</b>	CP-OFDM QPSK	1	1	20.66	20.77	20.66	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				343500	349500	355500	
<b>15MHz</b>	DFT-s-OFDM QPSK	1	1	22.17	22.12	22.24	23.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				343000	349500	356000	
<b>10MHz</b>	DFT-s-OFDM QPSK	1	1	22.10	22.21	22.13	23.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				342500	349500	356500	
<b>5MHz</b>	DFT-s-OFDM QPSK	1	1	22.10	22.24	22.17	23.00

N71				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				134600	136100	137600	
				673	680.5	688	
<b>20MHz</b>	DFT-s-OFDM PI/2 BPSK	1	1	22.12	22.26	22.17	23.00
		1	53	22.13	22.12	22.03	23.00
		1	104	22.14	22.23	22.05	23.00
		50	0	21.10	21.09	21.18	22.00
		50	28	22.12	22.27	22.15	23.00
		50	56	21.08	21.15	21.18	22.00
		100	0	20.97	21.17	21.20	22.00
	DFT-s-OFDM QPSK	1	1	22.16	22.28	22.23	23.00
		1	53	22.14	22.23	22.18	23.00
		1	104	22.05	22.07	22.13	23.00
		50	0	20.97	21.11	21.02	22.00
		50	28	22.14	22.18	22.16	23.00
		50	56	21.10	21.24	21.05	22.00
		100	0	21.01	21.26	21.05	22.00
	DFT-s-OFDM 16QAM	1	1	20.99	21.22	21.09	22.00
	DFT-s-OFDM 64QAM	1	1	19.48	19.72	19.64	20.50
	DFT-s-OFDM 256QAM	1	1	17.52	17.62	17.55	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				134600	136100	137600	
<b>20MHz</b>	CP-OFDM QPSK	1	1	20.65	20.67	20.67	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				134100	136100	138100	
<b>15MHz</b>	DFT-s-OFDM QPSK	1	1	21.97	22.20	22.06	23.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				133600	136100	138600	
<b>10MHz</b>	DFT-s-OFDM QPSK	1	1	21.99	22.27	22.12	23.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				133100	136100	139100	
<b>5MHz</b>	DFT-s-OFDM QPSK	1	1	22.12	22.10	22.19	23.00

## 6.2 Conducted Power of NR Antenna (Ant3)

N48				Conducted Power(dBm)			
SCS 30kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				638000	641666	645332	
				3570	3624.99	3679.98	
40MHz	DFT-s-OFDM PI/2 BPSK	1	1	12.23	12.22	12.43	13.50
		1	53	12.34	12.20	12.31	13.50
		1	104	12.38	12.31	12.40	13.50
		50	0	11.43	11.24	11.30	12.50
		50	28	12.28	12.31	12.30	13.50
		50	56	11.26	11.26	11.27	12.50
	DFT-s-OFDM QPSK	100	0	11.42	11.31	11.42	12.50
		1	1	12.47	12.48	12.40	13.50
		1	53	12.30	12.40	12.35	13.50
		1	104	12.27	12.32	12.31	13.50
		50	0	11.24	11.31	11.45	12.50
		50	28	12.31	12.33	12.29	13.50
	DFT-s-OFDM 16QAM	50	56	11.28	11.30	11.38	12.50
		100	0	11.20	11.29	11.24	12.50
		1	1	11.20	11.27	11.24	12.50
DFT-s-OFDM 64QAM	1	1	9.84	9.85	9.89	11.00	
	1	1	7.78	7.74	7.91	9.00	
	1	1	7.78	7.74	7.91	9.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				640000	641666	643332	
40MHz	CP-OFDM QPSK	1	1	10.64	10.85	10.83	12.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				637334	641666	646000	
20MHz	DFT-s-OFDM QPSK	1	1	12.26	12.28	12.28	13.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				637168	641666	646166	
15MHz	DFT-s-OFDM QPSK	1	1	12.34	12.19	12.23	13.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				637000	641666	646332	
10MHz	DFT-s-OFDM QPSK	1	1	12.33	12.28	12.24	13.50



N48				Conducted Power(dBm)				
SCS 15kHz								
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				638000	641666	645332		
				3570	3624.99	3679.98		
<b>40MHz</b>	DFT-s-OFDM PI/2 BPSK	1	1	12.13	12.21	12.28	13.50	
		1	53	12.26	12.11	12.32	13.50	
		1	104	12.31	12.15	12.35	13.50	
		50	0	11.20	11.15	11.14	12.50	
		50	28	12.24	12.20	12.16	13.50	
		50	56	11.15	11.13	11.17	12.50	
	DFT-s-OFDM QPSK	100	0	11.26	11.08	11.30	12.50	
		1	1	12.29	12.38	12.34	13.50	
		1	53	12.18	12.35	12.33	13.50	
		1	104	12.17	12.19	12.16	13.50	
		50	0	11.22	11.24	11.26	12.50	
		50	28	12.22	12.29	12.11	13.50	
	DFT-s-OFDM 16QAM	50	56	11.16	11.21	11.36	12.50	
		100	0	11.13	11.22	11.18	12.50	
		DFT-s-OFDM 64QAM	1	1	11.11	11.15	11.10	12.50
		DFT-s-OFDM 256QAM	1	1	9.63	9.65	9.81	11.00
		DFT-s-OFDM 256QAM	1	1	7.69	7.73	7.84	9.00
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				640000	641666	643332		
<b>40MHz</b>	CP-OFDM QPSK	1	1	10.58	10.71	10.72	12.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				637334	641666	646000		
<b>20MHz</b>	DFT-s-OFDM QPSK	1	1	12.19	12.23	12.15	13.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				637168	641666	646166		
<b>15MHz</b>	DFT-s-OFDM QPSK	1	1	12.15	12.23	12.15	13.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				637000	641666	646332		
<b>10MHz</b>	DFT-s-OFDM QPSK	1	1	12.15	12.24	12.12	13.50	

N77 Part Q				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500	/	
<b>100MHz</b>	DFT-s-OFDM PI/2 BPSK	1	1	/	13.73	/	14.50
		1	137	/	13.77	/	14.50
		1	271	/	13.62	/	14.50
		135	0	/	12.71	/	13.50
		135	69	/	13.78	/	14.50
		135	138	/	12.73	/	13.50
		270	0	/	12.77	/	13.50
	DFT-s-OFDM QPSK	1	1	/	13.97	/	14.50
		1	137	/	13.70	/	14.50
		1	271	/	13.63	/	14.50
		135	0	/	12.65	/	13.50
		135	69	/	13.76	/	14.50
		135	138	/	12.71	/	13.50
		270	0	/	12.65	/	13.50
	DFT-s-OFDM 16QAM	1	1	/	12.75	/	13.50
DFT-s-OFDM 64QAM	1	1	/	11.30	/	12.00	
DFT-s-OFDM 256QAM	1	1	/	9.22	/	10.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
<b>100MHz</b>	CP-OFDM QPSK	1	1	/	12.33	/	13.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				633000	633334	633668	
<b>90MHz</b>	DFT-s-OFDM QPSK	1	1	13.68	13.67	13.68	14.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632668	633334	634000	
<b>80MHz</b>	DFT-s-OFDM QPSK	1	1	13.64	13.69	13.68	14.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	
<b>60MHz</b>	DFT-s-OFDM QPSK	1	1	13.65	13.67	13.65	14.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631668	633334	635000	
<b>50MHz</b>	DFT-s-OFDM QPSK	1	1	13.69	13.64	13.69	14.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up

				631334	633334	635334	
<b>40MHz</b>	DFT-s-OFDM QPSK	1	1	13.71	13.68	13.64	14.50
Bandwidth	Modulation	RB size	RB offset	Channel 630668	Channel 633334	Channel 636000	Tune up
<b>20MHz</b>	DFT-s-OFDM QPSK	1	1	13.69	13.71	13.66	14.50
Bandwidth	Modulation	RB size	RB offset	Channel 630500	Channel 633334	Channel 636166	Tune up
<b>15MHz</b>	DFT-s-OFDM QPSK	1	1	13.67	13.70	13.67	14.50
Bandwidth	Modulation	RB size	RB offset	Channel 630334	Channel 633334	Channel 636334	Tune up
<b>10MHz</b>	DFT-s-OFDM QPSK	1	1	13.69	13.71	13.67	14.50

N77 Part Q				Conducted Power(dBm)			
SCS 15kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500	/	
<b>50MHz</b>	DFT-s-OFDM PI/2 BPSK	1	1	/	13.67	/	14.50
		1	137	/	13.66	/	14.50
		1	271	/	13.58	/	14.50
		135	0	/	12.55	/	13.50
		135	69	/	13.64	/	14.50
		135	138	/	12.52	/	13.50
		270	0	/	12.65	/	13.50
	DFT-s-OFDM QPSK	1	1	/	13.77	/	14.50
		1	137	/	13.57	/	14.50
		1	271	/	13.50	/	14.50
		135	0	/	12.60	/	13.50
		135	69	/	13.74	/	14.50
		135	138	/	12.58	/	13.50
		270	0	/	12.58	/	13.50
	DFT-s-OFDM 16QAM	1	1	/	12.69	/	13.50
	DFT-s-OFDM 64QAM	1	1	/	11.21	/	12.00
	DFT-s-OFDM 256QAM	1	1	/	9.04	/	10.00
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 633334	Channel /	Tune up
<b>50MHz</b>	CP-OFDM QPSK	1	1	/	12.18	/	13.00
Bandwidth	Modulation	RB size	RB offset	Channel 631334	Channel 633334	Channel 635334	Tune up

<b>40MHz</b>	DFT-s-OFDM QPSK	1	1	13.60	13.54	13.59	14.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
<b>20MHz</b>	DFT-s-OFDM QPSK	1	1	13.54	13.51	13.54	14.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630500	633334	636166	
<b>15MHz</b>	DFT-s-OFDM QPSK	1	1	13.52	13.56	13.57	14.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630334	633334	636334	
<b>10MHz</b>	DFT-s-OFDM QPSK	1	1	13.53	13.53	13.60	14.50

N77 Part O				Conducted Power(dBm)			
SCS 30kHz(3700~3980)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				650000	656000	662000	
				3750	3840	3930	
<b>100MHz</b>	DFT-s-OFDM PI/2 BPSK	1	1	13.39	13.51	13.43	14.50
		1	137	13.31	13.49	13.38	14.50
		1	271	13.39	13.57	13.49	14.50
		135	0	12.46	12.49	12.54	13.50
		135	69	13.41	13.41	13.42	14.50
		135	138	12.49	12.59	12.37	13.50
		270	0	12.61	12.44	12.40	13.50
	DFT-s-OFDM QPSK	1	1	13.49	13.61	13.57	14.50
		1	137	13.37	13.52	13.42	14.50
		1	271	13.43	13.41	13.43	14.50
		135	0	12.41	12.49	12.43	13.50
		135	69	13.52	13.55	13.54	14.50
		135	138	12.57	12.47	12.40	13.50
	DFT-s-OFDM 16QAM	1	1	12.50	12.61	12.39	13.50
		1	1	10.93	11.12	10.89	12.00
		1	1	8.96	9.11	9.01	10.00
		1	1	12.50	12.61	12.39	13.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				650000	656000	662000	
<b>100MHz</b>	CP-OFDM QPSK	1	1	11.95	11.98	12.07	13.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649668	656000	662332	

<b>90MHz</b>	DFT-s-OFDM QPSK	1	1	13.42	13.56	13.42	14.50
<b>Bandwidth</b>	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649334	656000	662666	
<b>80MHz</b>	DFT-s-OFDM QPSK	1	1	13.48	13.55	13.43	14.50
<b>Bandwidth</b>	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648668	656000	663332	
<b>60MHz</b>	DFT-s-OFDM QPSK	1	1	13.46	13.51	13.35	14.50
<b>Bandwidth</b>	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648334	656000	663666	
<b>50MHz</b>	DFT-s-OFDM QPSK	1	1	13.47	13.57	13.44	14.50
<b>Bandwidth</b>	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648000	656000	664000	
<b>40MHz</b>	DFT-s-OFDM QPSK	1	1	13.47	13.51	13.37	14.50
<b>Bandwidth</b>	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647334	656000	664666	
<b>20MHz</b>	DFT-s-OFDM QPSK	1	1	13.42	13.48	13.38	14.50
<b>Bandwidth</b>	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647168	656000	664832	
<b>15MHz</b>	DFT-s-OFDM QPSK	1	1	13.52	13.58	13.36	14.50
<b>Bandwidth</b>	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647000	656000	665000	
<b>10MHz</b>	DFT-s-OFDM QPSK	1	1	13.51	13.54	13.36	14.50

N77 Part O				Conducted Power(dBm)				
SCS 15kHz(3700~3980)								
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				650000	656000	662000		
				3750	3840	3930		
<b>50MHz</b>	DFT-s-OFDM PI/2 BPSK	1	1	13.25	13.43	13.25	14.50	
		1	131	13.32	13.43	13.32	14.50	
		1	132	13.30	13.49	13.46	14.50	
		2	0	12.29	12.31	12.43	13.50	
		2	131	13.32	13.32	13.37	14.50	
		64	32	12.31	12.45	12.32	13.50	
			128	0	12.47	12.40	12.39	13.50
		DFT-s-OFDM QPSK	1	1	13.43	13.55	13.47	14.50
			1	131	13.27	13.39	13.27	14.50
			1	132	13.26	13.30	13.36	14.50
	2		0	12.24	12.24	12.31	13.50	

		2	131	13.38	13.46	13.33	14.50
		64	32	12.42	12.33	12.38	13.50
		128	0	12.33	12.46	12.45	13.50
	DFT-s-OFDM 16QAM	1	1	12.47	12.52	12.26	13.50
	DFT-s-OFDM 64QAM	1	1	10.85	10.97	10.84	12.00
	DFT-s-OFDM 256QAM	1	1	8.87	9.04	8.88	10.00
<b>Bandwidth</b>	<b>Modulation</b>	<b>RB size</b>	<b>RB offset</b>	<b>Channel</b> 648334	<b>Channel</b> 656000	<b>Channel</b> 663666	<b>Tune up</b>
<b>50MHz</b>	CP-OFDM QPSK	1	1	11.93	12.04	12.00	13.00
<b>Bandwidth</b>	<b>Modulation</b>	<b>RB size</b>	<b>RB offset</b>	<b>Channel</b> 648000	<b>Channel</b> 656000	<b>Channel</b> 664000	<b>Tune up</b>
<b>40MHz</b>	DFT-s-OFDM QPSK	1	1	13.42	13.51	13.35	14.50
<b>Bandwidth</b>	<b>Modulation</b>	<b>RB size</b>	<b>RB offset</b>	<b>Channel</b> 647334	<b>Channel</b> 656000	<b>Channel</b> 664666	<b>Tune up</b>
<b>20MHz</b>	DFT-s-OFDM QPSK	1	1	13.36	13.47	13.36	14.50
<b>Bandwidth</b>	<b>Modulation</b>	<b>RB size</b>	<b>RB offset</b>	<b>Channel</b> 647168	<b>Channel</b> 656000	<b>Channel</b> 664832	<b>Tune up</b>
<b>15MHz</b>	DFT-s-OFDM QPSK	1	1	13.35	13.44	13.35	14.50
<b>Bandwidth</b>	<b>Modulation</b>	<b>RB size</b>	<b>RB offset</b>	<b>Channel</b> 647000	<b>Channel</b> 656000	<b>Channel</b> 665000	<b>Tune up</b>
<b>10MHz</b>	DFT-s-OFDM QPSK	1	1	13.35	13.44	13.38	14.50

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

N2				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				372000	376000	380000	
<b>20MHz</b>	DFT-s-OFDM PI/2 BPSK	1	1	21.67	21.72	21.61	23.00
		1	53	21.66	21.71	21.71	23.00
		1	104	21.64	21.72	21.68	23.00
		50	0	20.70	20.79	20.78	22.00
		50	28	21.73	21.74	21.72	23.00
		50	56	20.68	20.68	20.80	22.00
		100	0	20.61	20.75	20.76	22.00
	DFT-s-OFDM QPSK	1	1	21.78	21.83	21.81	23.00
		1	53	21.69	21.65	21.76	23.00
		1	104	21.73	21.75	21.65	23.00
		50	0	20.60	20.73	20.79	22.00
		50	28	21.65	21.78	21.79	23.00
		50	56	20.76	20.75	20.64	22.00
	100	0	20.64	20.64	20.65	22.00	
	DFT-s-OFDM 16QAM	1	1	20.58	20.69	20.72	22.00
DFT-s-OFDM 64QAM	1	1	19.24	19.17	19.25	20.50	
DFT-s-OFDM 256QAM	1	1	17.20	17.20	17.14	18.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
<b>20MHz</b>	CP-OFDM QPSK	1	1	20.12	20.25	20.22	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
<b>15MHz</b>	DFT-s-OFDM QPSK	1	1	21.63	21.63	21.67	23.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
<b>10MHz</b>	DFT-s-OFDM QPSK	1	1	21.64	21.81	21.79	23.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
<b>5MHz</b>	DFT-s-OFDM QPSK	1	1	21.71	21.76	21.68	23.00

N25				Conducted Power(dBm)				
SCS 15kHz								
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				372000	376500	381000		
<b>20MHz</b>	DFT-s-OFDM PI/2 BPSK	1	1	21.51	21.81	21.64	23.00	
		1	53	21.53	21.69	21.62	23.00	
		1	104	21.47	21.72	21.63	23.00	
		50	0	20.60	20.69	20.61	22.00	
		50	28	21.50	21.83	21.65	23.00	
		50	56	20.60	20.79	20.66	22.00	
		100	0	20.45	20.85	20.66	22.00	
	DFT-s-OFDM QPSK	1	1	21.66	21.86	21.78	23.00	
		1	53	21.63	21.78	21.58	23.00	
		1	104	21.63	21.72	21.63	23.00	
		50	0	20.48	20.81	20.58	22.00	
		50	28	21.59	21.75	21.57	23.00	
		50	56	20.55	20.75	20.73	22.00	
	DFT-s-OFDM 16QAM	1	1	20.57	20.81	20.71	22.00	
		DFT-s-OFDM 64QAM	1	1	19.07	19.26	19.26	20.50
		DFT-s-OFDM 256QAM	1	1	16.98	17.31	17.13	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
<b>20MHz</b>	CP-OFDM QPSK	1	1	20.03	20.16	20.17	21.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
<b>15MHz</b>	DFT-s-OFDM QPSK	1	1	21.50	21.75	21.61	23.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
<b>10MHz</b>	DFT-s-OFDM QPSK	1	1	21.56	21.75	21.70	23.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
<b>5MHz</b>	DFT-s-OFDM QPSK	1	1	21.62	21.80	21.68	23.00	

N41 PC2&3				Conducted Power(dBm)			
SCS 30kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				509202	518598	528000	
				2546.01	2592.99	2640	
<b>100MHz</b>	DFT-s-OFDM	1	1	21.22	21.21	21.22	22.00



	PI/2 BPSK	1	137	21.13	21.30	21.15	22.00
		1	271	21.12	21.31	21.31	22.00
		135	0	20.14	20.34	20.30	21.00
		135	69	21.17	21.19	21.25	22.00
		135	138	20.20	20.20	20.27	21.00
		270	0	20.18	20.22	20.29	21.00
	DFT-s-OFDM QPSK	1	1	21.27	21.38	21.33	22.00
		1	137	21.09	21.37	21.19	22.00
		1	271	21.23	21.21	21.29	22.00
		135	0	20.25	20.26	20.14	21.00
		135	69	21.07	21.36	21.19	22.00
		135	138	20.24	20.30	20.28	21.00
	DFT-s-OFDM 16QAM	1	1	20.12	20.18	20.26	21.00
		1	1	18.69	18.74	18.73	19.50
		1	1	16.57	16.84	16.67	17.50
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
<b>100MHz</b>	CP-OFDM QPSK	1	1	509202	518598	528000	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
<b>90MHz</b>	DFT-s-OFDM QPSK	1	1	508200	518598	528996	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
<b>80MHz</b>	DFT-s-OFDM QPSK	1	1	507204	518598	529998	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
<b>60MHz</b>	DFT-s-OFDM QPSK	1	1	505200	518598	531996	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
<b>50MHz</b>	DFT-s-OFDM QPSK	1	1	504204	518598	532998	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
<b>40MHz</b>	DFT-s-OFDM QPSK	1	1	503202	518598	534000	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
<b>20MHz</b>	DFT-s-OFDM QPSK	1	1	501204	518598	535998	

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				500700	518598	536496	
<b>15MHz</b>	DFT-s-OFDM QPSK	1	1	21.23	21.32	21.17	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				500202	518598	537000	
<b>10MHz</b>	DFT-s-OFDM QPSK	1	1	21.10	21.22	21.28	22.00

N41 PC2&3				Conducted Power(dBm)				
SCS 15kHz								
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				504204	518598	532998		
					2592.99			
<b>50MHz</b>	DFT-s-OFDM PI/2 BPSK	1	1	21.13	21.15	21.02	22.00	
		1	131	21.01	21.26	21.03	22.00	
		1	132	20.95	21.23	21.27	22.00	
		2	0	20.02	20.25	20.12	21.00	
		2	131	21.12	21.09	21.21	22.00	
		64	32	20.10	20.13	20.14	21.00	
			128	0	20.06	20.16	20.25	21.00
	DFT-s-OFDM QPSK	1	1	21.18	21.36	21.28	22.00	
		1	131	21.03	21.25	21.00	22.00	
		1	132	21.11	21.20	21.09	22.00	
		2	0	20.12	20.22	19.98	21.00	
		2	131	21.05	21.24	20.98	22.00	
		64	32	20.03	20.21	20.25	21.00	
			128	0	20.07	20.12	20.28	21.00
		DFT-s-OFDM 16QAM	1	1	20.01	19.99	20.10	21.00
		DFT-s-OFDM 64QAM	1	1	18.58	18.61	18.60	19.50
		DFT-s-OFDM 256QAM	1	1	16.42	16.73	16.56	17.50
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
504204					518598	532998		
<b>50MHz</b>	CP-OFDM QPSK	1	1	19.41	19.55	19.62	20.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				503202	518598	534000		
<b>40MHz</b>	DFT-s-OFDM QPSK	1	1	20.97	21.21	21.00	22.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				502200	518598	534996		
<b>30MHz</b>	DFT-s-OFDM QPSK	1	1	21.09	21.19	21.08	22.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	

				501204	518598	535998	
<b>20MHz</b>	DFT-s-OFDM QPSK	1	1	20.99	21.29	20.98	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				500700	518598	536496	
<b>15MHz</b>	DFT-s-OFDM QPSK	1	1	21.01	21.30	21.11	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				500202	518598	537000	
<b>10MHz</b>	DFT-s-OFDM QPSK	1	1	21.04	21.29	21.05	22.00

N66				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				346000	349000	352000	
				1730	1745	1760	
<b>40MHz</b>	DFT-s-OFDM PI/2 BPSK	1	1	22.02	22.03	22.11	23.00
		1	108	22.10	22.07	22.11	23.00
		1	214	21.98	22.21	22.17	23.00
		108	0	21.06	21.05	21.11	22.00
		108	54	21.99	22.20	22.16	23.00
		108	108	21.13	21.09	21.09	22.00
		216	0	21.03	21.18	21.01	22.00
	DFT-s-OFDM QPSK	1	1	22.16	22.23	22.19	23.00
		1	108	22.14	22.16	22.00	23.00
		1	214	22.08	22.06	22.07	23.00
		108	0	21.07	21.20	21.03	22.00
		108	54	21.99	22.19	22.12	23.00
		108	108	20.96	21.04	21.11	22.00
		216	0	21.11	21.12	21.00	22.00
	DFT-s-OFDM 16QAM	1	1	21.06	21.14	21.10	22.00
	DFT-s-OFDM 64QAM	1	1	19.46	19.67	19.52	20.50
	DFT-s-OFDM 256QAM	1	1	17.56	17.54	17.61	18.50
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				346000	349000	352000	
<b>40MHz</b>	CP-OFDM QPSK	1	1	20.60	20.69	20.65	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				345000	349000	353000	
<b>30MHz</b>	DFT-s-OFDM QPSK	1	1	22.08	22.11	22.01	23.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				344000	349000	354000	

<b>20MHz</b>	DFT-s-OFDM QPSK	1	1	22.15	22.11	22.11	23.00
Bandwidth	Modulation	RB size	RB offset	Channel 343500	Channel 349000	Channel 354500	Tune up
<b>15MHz</b>	DFT-s-OFDM QPSK	1	1	22.13	22.07	22.14	23.00
Bandwidth	Modulation	RB size	RB offset	Channel 343000	Channel 349000	Channel 355000	Tune up
<b>10MHz</b>	DFT-s-OFDM QPSK	1	1	21.97	22.19	22.08	23.00
Bandwidth	Modulation	RB size	RB offset	Channel 342500	Channel 349000	Channel 355500	Tune up
<b>5MHz</b>	DFT-s-OFDM QPSK	1	1	22.01	22.18	22.03	23.00

## 7 Conducted Power of WiFi and Bluetooth

### 7.1 Conducted Power of WIFI

Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11b	1	2412	1	15.98	17.00
	6	2437		16.19	17.00
	11	2462		15.87	17.00
802.11g	1	2412	6	15.90	16.50
	6	2437		16.09	17.00
	11	2462		15.23	16.00
802.11n-HT20	1	2412	6.5	15.93	17.00
	6	2437		16.08	17.00
	11	2462		15.96	17.00
802.11n-HT40	3	2422	6.5	16.02	17.00
	6	2437		15.95	17.00
	9	2452		15.85	17.00

5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11a	U-NII-1	36	5180	6	13.03	14.00
		40	5200		13.18	14.00
		44	5220		13.01	14.00
		48	5240		13.10	14.00
	U-NII-2A	52	5260		13.07	14.00
		56	5280		12.94	13.50
		60	5300		13.10	14.00
		64	5320		13.06	14.00
		U-NII-2C	100		5500	13.01
	104		5520		12.92	13.50
	108		5540		12.91	13.50
	112		5560		12.82	13.50
	116		5580		13.07	14.00
	120		5600		12.99	13.50
	124		5620		12.94	13.50
	128		5640		12.96	13.50
	132		5660		12.97	13.50
	136		5680		12.98	13.50
	U-NII-3	140	5700		13.02	14.00
		149	5745		14.25	15.50
153		5765	14.28	15.50		
157		5785	14.36	15.50		
		161	5805	14.30	15.50	

5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
		165	5825		14.19	15.00
		36	5180		13.03	14.00
		40	5200		13.06	14.00
		44	5220		13.09	14.00
		48	5240		12.87	13.50
		52	5260		12.81	13.50
		56	5280		12.69	13.50
		60	5300		12.65	13.50
		64	5320		12.71	13.50
		100	5500		12.74	13.50
		104	5520		12.65	13.50
		108	5540		12.64	13.50
		112	5560		12.75	13.50
		116	5580		12.72	13.50
		120	5600		12.82	13.50
		124	5620		12.82	13.50
		128	5640		12.80	13.50
		132	5660		12.82	13.50
		136	5680		13.01	14.00
		140	5700		13.01	14.00
		149	5745		14.12	15.00
		153	5765		14.12	15.00
		157	5785		14.23	15.00
		161	5805		14.25	15.00
		165	5825		14.09	15.00
				MCS0		
802.11n-HT20	U-NII-1					
802.11n-HT20	U-NII-2A					
802.11n-HT20	U-NII-2C					
802.11n-HT20	U-NII-3					
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
		38	5190		12.87	13.50
		46	5230		12.78	13.50
		54	5270		12.70	13.50
		62	5310		12.59	13.50
		102	5510		13.04	14.00
		110	5550		13.01	14.00
		118	5590		13.02	14.00
		126	5630		12.68	13.50
		134	5670		12.81	13.50
		151	5755		14.19	15.00
		159	5795		14.09	15.00
				MCS0		
802.11n-HT40	U-NII-1					
802.11n-HT40	U-NII-2A					
802.11n-HT40	U-NII-2C					
802.11n-HT40	U-NII-3					
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up

802.11ac-20	U-NII-1	36	5180	MCS0	13.02	14.00
		40	5200		13.01	14.00
		44	5220		13.05	14.00
		48	5240		13.01	14.00
	U-NII-2A	52	5260		12.90	13.50
		56	5280		12.71	13.50
		60	5300		12.66	13.50
		64	5320		12.65	13.50
	U-NII-2C	100	5500		12.76	13.50
		104	5520		12.72	13.50
		108	5540		12.74	13.50
		112	5560		12.84	13.50
		116	5580		12.87	13.50
		120	5600		12.89	13.50
		124	5620		12.84	13.50
		128	5640		12.88	13.50
	U-NII-3	132	5660		12.91	13.50
		136	5680		13.00	13.50
		140	5700		12.98	13.50
		149	5745		14.20	15.00
153		5765	14.23	15.00		
U-NII-3	157	5785	14.25	15.00		
	161	5805	14.21	15.00		
	165	5825	14.15	15.00		
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ac-40	U-NII-1	38	5190	MCS0	12.84	13.50
		46	5230		12.79	13.50
	U-NII-2A	54	5270		12.81	13.50
		62	5310		12.78	13.50
	U-NII-2C	102	5510		12.97	13.50
		110	5550		12.82	13.50
		118	5590		12.81	13.50
		126	5630		12.81	13.50
	U-NII-3	134	5670		12.91	13.50
		151	5755		14.23	15.00
159		5795	14.25	15.00		
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ac 80M	U-NII-1	42	5210	MCS0	12.95	13.50
	U-NII-2A	58	5290		12.83	13.50
	U-NII-2C	106	5530		12.88	13.50
		122	5610		12.97	13.50
	U-NII-3	155	5775		14.26	15.00

## 7.2 Conducted Power of BT

BT		Average Conducted Power(dBm)				
Band	Channel	0	Tune up	39	78	Tune up
BT	GFSK	8.83	10.50	10.83	10.51	12.00
	$\pi/4$ DQPSK	6.59	8.00	7.69	7.63	9.00
	8DPSK	6.26	8.00	7.51	7.42	9.00
Band	Channel	0	Tune up	19	39	Tune up
BLE 1M	GFSK	3.88	5.50	6.06	5.29	7.00
Band	Channel	1	Tune up	19	38	Tune up
BLE 2M	GFSK	3.76	5.50	6.13	5.36	7.00

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