

# 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 (Ant3)
5 Conducted Power of Main Antenna (Ant4)
6 Conducted Power of Main Antenna (Ant5)
7 Conducted Power of Main Antenna (Ant6)
8 Conducted Power of Main Antenna (Ant7)
9 Conducted Power of Main Antenna (Ant8)
10 Conducted Power of Main Antenna (Ant9)
11 Conducted Power of LTE Uplink CA
12 Conducted Power of LTE Down CA
13 Conducted Power of NR Antenna
13.1 Conducted Power of NR Antenna (Ant0)
13.2 Conducted Power of NR Antenna (Ant1)
13.3 Conducted Power of NR Antenna (Ant2)
13.4 Conducted Power of NR Antenna (Ant3)
13.5 Conducted Power of NR Antenna (Ant4)
13.6 Conducted Power of NR Antenna (Ant5)
13.7 Conducted Power of NR Antenna (Ant6)
13.8 Conducted Power of NR Antenna (Ant7)
13.9 Conducted Power of NR Antenna (Ant8)
13.10 Conducted Power of NR Antenna (Ant9)
14 Conducted Power of WiFi and Bluetooth
14.1 Conducted Power of WiFi
14.2 Conducted Power of Bluetooth

## Measurement of RF conducted Power

### 1 Conducted Power of Main Antenna(Ant0)

#### 1.1 Conducted Power of GSM

GSM 850 Full Power										
Burst Output Power(dBm)						Division Factors	Frame-Average Output Power(dBm)			
Channel		128	190	251	Tune up		128	190	251	Tune up
GSM(GMSK)	GSM	32.32	32.27	32.33	33.00	-9.19	23.13	23.08	23.14	23.81
GPRS (GMSK)	1 TX Slot	32.21	32.23	32.24	33.00	-9.19	23.02	23.04	23.05	23.81
	2 TX Slots	29.10	29.09	29.09	30.00	-6.18	22.92	22.91	22.91	23.82
	3 TX Slots	27.14	27.16	27.09	28.20	-4.42	22.72	22.74	22.67	23.78
	4 TX Slots	25.48	25.57	25.47	27.00	-3.17	22.31	22.40	22.30	23.83
EGPRS (GMSK)	1 TX Slot	32.21	32.20	32.30	33.00	-9.19	23.02	23.01	23.11	23.81
	2 TX Slots	29.08	29.04	29.02	30.00	-6.18	22.90	22.86	22.84	23.82
	3 TX Slots	27.21	27.23	27.07	28.20	-4.42	22.79	22.81	22.65	23.78
	4 TX Slots	25.29	25.36	25.43	27.00	-3.17	22.12	22.19	22.26	23.83
EGPRS (8PSK)	1 TX Slot	25.55	25.53	25.67	27.00	-9.19	16.36	16.34	16.48	17.81
	2 TX Slots	22.91	22.93	22.77	24.00	-6.18	16.73	16.75	16.59	17.82
	3 TX Slots	21.41	21.33	21.03	22.20	-4.42	16.99	16.91	16.61	17.78
	4 TX Slots	19.94	19.92	19.60	21.00	-3.17	16.77	16.75	16.43	17.83

#### 1.2 Conducted Power of WCDMA

WCDMA Band V Full Power					
Average Conducted Power(dBm)					
Channel		4132	4182	4233	Tune up
WCDMA	12.2kbps RMC	24.03	24.13	24.05	24.50
	12.2kbps AMR	23.93	23.95	23.84	24.50
HSDPA	Subtest 1	23.06	23.07	23.04	23.50
	Subtest 2	23.06	23.04	23.11	23.50
	Subtest 3	22.49	22.50	22.54	23.00
	Subtest 4	22.51	22.51	22.47	23.00
HSUPA	Subtest 1	21.49	21.48	21.35	22.00
	Subtest 2	20.98	20.88	21.02	21.50
	Subtest 3	21.96	22.02	21.98	22.50
	Subtest 4	21.00	20.85	21.07	21.50
	Subtest 5	21.99	22.01	21.99	22.50
DC-HSDPA	Subtest 1	23.12	23.10	23.04	23.50
	Subtest 2	23.09	23.08	23.06	23.50
	Subtest 3	22.51	22.49	22.51	23.00
	Subtest 4	22.53	22.54	22.51	23.00
HSPA+	16QAM	20.95	20.88	21.07	21.50

### 1.3 Conducted Power of LTE

LTE Band 5 Full Power				Conducted Power(dBm)				
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				20407	20525	20643		
1.4MHz	QPSK	1	0	24.47	24.52	24.50	25.00	
		1	2	24.49	24.47	24.47	25.00	
		1	5	24.45	24.47	24.50	25.00	
		3	0	24.55	24.52	24.54	25.00	
		3	2	24.53	24.50	24.57	25.00	
		3	3	24.55	24.50	24.51	25.00	
	16QAM	6	0	23.55	23.56	23.53	24.00	
		1	0	23.87	23.86	23.91	24.00	
		1	2	23.77	23.85	23.81	24.00	
		1	5	23.80	23.78	23.80	24.00	
		3	0	23.69	23.68	23.70	24.00	
		3	2	23.73	23.74	23.74	24.00	
	64QAM	3	3	23.68	23.73	23.72	24.00	
		6	0	22.58	22.63	22.63	23.00	
		1	0	22.42	22.37	22.43	23.00	
		1	2	22.49	22.46	22.46	23.00	
		1	5	22.62	22.64	22.65	23.00	
		3	0	22.36	22.34	22.35	23.00	
	256QAM	3	2	22.55	22.48	22.52	23.00	
		3	3	22.68	22.64	22.65	23.00	
		6	0	21.41	21.45	21.46	22.00	
		1	0	19.49	19.53	19.50	20.00	
		1	2	19.36	19.34	19.38	20.00	
		1	5	19.62	19.59	19.56	20.00	
	3MHz	QPSK	3	0	19.46	19.41	19.47	20.00
			3	2	19.06	19.07	19.07	20.00
	3		3	19.18	19.14	19.19	20.00	
	6		0	19.43	19.46	19.42	20.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				20415	20525	20635		
3MHz	QPSK	1	0	24.49	24.51	24.53	25.00	
		1	7	24.46	24.44	24.51	25.00	
		1	14	24.49	24.49	24.50	25.00	
		8	0	23.43	23.44	23.46	24.00	

	16QAM	8	4	23.41	23.49	23.45	24.00
		8	7	23.51	23.51	23.45	24.00
		15	0	23.49	23.48	23.51	24.00
		1	0	23.78	23.74	23.76	24.00
		1	7	23.91	23.95	23.94	24.00
		1	14	23.86	23.81	23.80	24.00
		8	0	22.59	22.57	22.59	23.00
		8	4	22.61	22.63	22.61	23.00
		8	7	22.53	22.51	22.53	23.00
	15	0	22.51	22.56	22.51	23.00	
	64QAM	1	0	22.35	22.40	22.41	23.00
		1	7	22.30	22.27	22.32	23.00
		1	14	22.71	22.74	22.77	23.00
		8	0	21.63	21.64	21.59	22.00
		8	4	21.49	21.49	21.47	22.00
		8	7	21.50	21.48	21.49	22.00
		15	0	21.52	21.51	21.45	22.00
	256QAM	1	0	19.37	19.44	19.44	20.00
		1	7	19.40	19.34	19.35	20.00
		1	14	19.63	19.56	19.59	20.00
		8	0	19.34	19.28	19.34	20.00
		8	4	19.11	19.16	19.12	20.00
		8	7	19.23	19.19	19.20	20.00
		15	0	19.50	19.45	19.48	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20425	20525	20625	
5MHz	QPSK	1	0	24.55	24.48	24.55	25.00
		1	13	24.50	24.47	24.51	25.00
		1	24	24.49	24.49	24.55	25.00
		12	0	23.44	23.48	23.49	24.00
		12	6	23.48	23.41	23.45	24.00
		12	13	23.44	23.51	23.49	24.00
		25	0	23.51	23.51	23.47	24.00
	16QAM	1	0	23.79	23.71	23.74	24.00
		1	13	23.92	23.92	23.89	24.00
		1	24	23.83	23.85	23.88	24.00
		12	0	22.62	22.54	22.54	23.00
		12	6	22.66	22.64	22.64	23.00
		12	13	22.50	22.49	22.51	23.00
		25	0	22.49	22.56	22.53	23.00

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				20450	20525	20600		
10MHz	64QAM	1	0	22.39	22.38	22.37	23.00	
		1	13	22.25	22.29	22.30	23.00	
		1	24	22.71	22.71	22.70	23.00	
		12	0	21.61	21.62	21.67	22.00	
		12	6	21.54	21.52	21.50	22.00	
		12	13	21.54	21.53	21.51	22.00	
		25	0	21.51	21.48	21.52	22.00	
	256QAM	1	0	19.42	19.40	19.43	20.00	
		1	13	19.35	19.37	19.42	20.00	
		1	24	19.64	19.59	19.60	20.00	
		12	0	19.29	19.31	19.35	20.00	
		12	6	19.08	19.15	19.16	20.00	
		12	13	19.24	19.20	19.16	20.00	
		25	0	19.48	19.43	19.50	20.00	
	10MHz	QPSK	1	0	24.55	24.64	24.55	25.00
			1	25	24.50	24.49	24.51	25.00
			1	49	24.53	24.47	24.48	25.00
			25	0	23.54	23.55	23.52	24.00
			25	13	23.43	23.50	23.44	24.00
			25	25	23.51	23.50	23.48	24.00
			50	0	23.49	23.59	23.47	24.00
		16QAM	1	0	23.70	23.72	23.72	24.00
			1	25	23.94	23.91	23.93	24.00
			1	49	23.87	23.81	23.83	24.00
			25	0	22.61	22.56	22.54	23.00
			25	13	22.65	22.62	22.62	23.00
			25	25	22.50	22.52	22.47	23.00
			50	0	22.51	22.55	22.53	23.00
64QAM		1	0	22.37	22.36	22.41	23.00	
		1	25	22.30	22.30	22.27	23.00	
		1	49	22.70	22.71	22.73	23.00	
		25	0	21.61	21.65	21.62	22.00	
		25	13	21.52	21.51	21.51	22.00	
		25	25	21.52	21.56	21.52	22.00	
		50	0	21.51	21.49	21.51	22.00	
256QAM		1	0	19.38	19.36	19.38	20.00	
		1	25	19.39	19.42	19.36	20.00	
		1	49	19.57	19.63	19.62	20.00	

		25	0	19.31	19.29	19.35	20.00
		25	13	19.16	19.11	19.14	20.00
		25	25	19.16	19.17	19.16	20.00
		50	0	19.46	19.47	19.45	20.00

LTE Band 5 Full Power For ENDC				Conducted Power(dBm)				
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				20407	20525	20643		
1.4MHz	QPSK	1	0	24.22	24.28	24.18	25.00	
		1	2	24.24	24.23	24.26	25.00	
		1	5	24.21	24.18	24.27	25.00	
		3	0	24.23	24.27	24.30	25.00	
		3	2	24.26	24.24	24.34	25.00	
		3	3	24.33	24.29	24.29	25.00	
		6	0	23.22	23.26	23.29	24.00	
	16QAM	1	0	23.59	23.51	23.70	24.00	
		1	2	23.56	23.65	23.52	24.00	
		1	5	23.55	23.50	23.58	24.00	
		3	0	23.37	23.36	23.46	24.00	
		3	2	23.41	23.52	23.50	24.00	
		3	3	23.37	23.50	23.43	24.00	
		6	0	22.27	22.41	22.32	23.00	
	64QAM	1	0	22.13	22.10	22.19	23.00	
		1	2	22.19	22.18	22.19	23.00	
		1	5	22.30	22.40	22.37	23.00	
		3	0	22.10	22.11	22.07	23.00	
		3	2	22.31	22.25	22.31	23.00	
		3	3	22.33	22.30	22.37	23.00	
		6	0	21.16	21.14	21.12	22.00	
	256QAM	1	0	19.16	19.19	19.27	20.00	
		1	2	19.07	18.99	19.17	20.00	
		1	5	19.30	19.32	19.28	20.00	
		3	0	19.18	19.14	19.15	20.00	
		3	2	18.82	18.82	18.75	20.00	
		3	3	18.93	18.83	18.97	20.00	
		6	0	19.11	19.16	19.11	20.00	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					20415	20525	20635	

3MHz	QPSK	1	0	24.21	24.17	24.31	25.00
		1	7	24.13	24.17	24.30	25.00
		1	14	24.24	24.16	24.26	25.00
		8	0	23.22	23.11	23.22	24.00
		8	4	23.07	23.16	23.21	24.00
		8	7	23.20	23.19	23.23	24.00
		15	0	23.21	23.28	23.19	24.00
	16QAM	1	0	23.52	23.47	23.55	24.00
		1	7	23.68	23.73	23.63	24.00
		1	14	23.54	23.55	23.56	24.00
		8	0	22.37	22.32	22.36	23.00
		8	4	22.35	22.36	22.37	23.00
		8	7	22.20	22.21	22.32	23.00
		15	0	22.29	22.32	22.21	23.00
	64QAM	1	0	22.12	22.16	22.20	23.00
		1	7	22.08	21.93	22.05	23.00
		1	14	22.37	22.44	22.54	23.00
		8	0	21.32	21.41	21.37	22.00
		8	4	21.21	21.14	21.13	22.00
		8	7	21.25	21.14	21.25	22.00
		15	0	21.18	21.30	21.10	22.00
256QAM	1	0	19.15	19.16	19.22	20.00	
	1	7	19.13	19.05	19.12	20.00	
	1	14	19.36	19.34	19.28	20.00	
	8	0	19.07	19.07	19.08	20.00	
	8	4	18.81	18.88	18.79	20.00	
	8	7	18.91	18.86	19.00	20.00	
	15	0	19.30	19.20	19.23	20.00	
<b>Bandwidth</b>	<b>Modulation</b>	<b>RB size</b>	<b>RB offset</b>	<b>Channel</b>	<b>Channel</b>	<b>Channel</b>	<b>Tune up</b>
5MHz	QPSK	1	0	24.24	24.21	24.26	25.00
		1	13	24.26	24.22	24.31	25.00
		1	24	24.18	24.22	24.27	25.00
		12	0	23.23	23.17	23.25	24.00
		12	6	23.19	23.21	23.13	24.00
		12	13	23.16	23.17	23.15	24.00
		25	0	23.24	23.21	23.21	24.00
	16QAM	1	0	23.47	23.49	23.43	24.00
		1	13	23.69	23.64	23.63	24.00
		1	24	23.62	23.55	23.55	24.00

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				20450	20525	20600		
10MHz		12	0	22.41	22.23	22.32	23.00	
		12	6	22.38	22.43	22.43	23.00	
		12	13	22.17	22.28	22.27	23.00	
		25	0	22.24	22.25	22.30	23.00	
	64QAM	1	0	22.14	22.08	22.15	23.00	
		1	13	21.92	21.99	22.10	23.00	
		1	24	22.45	22.42	22.45	23.00	
		12	0	21.32	21.28	21.35	22.00	
		12	6	21.28	21.21	21.23	22.00	
		12	13	21.24	21.20	21.18	22.00	
		25	0	21.31	21.19	21.23	22.00	
	256QAM	1	0	19.19	19.18	19.12	20.00	
		1	13	19.04	19.08	19.09	20.00	
		1	24	19.34	19.33	19.33	20.00	
		12	0	18.96	19.10	19.06	20.00	
		12	6	18.84	18.89	18.88	20.00	
		12	13	18.91	18.95	18.81	20.00	
		25	0	19.20	19.10	19.18	20.00	
	10MHz	QPSK	1	0	24.29	24.38	24.25	25.00
			1	25	24.28	24.21	24.28	25.00
			1	49	24.32	24.17	24.19	25.00
			25	0	23.27	23.25	23.28	24.00
			25	13	23.19	23.20	23.14	24.00
			25	25	23.24	23.29	23.17	24.00
			50	0	23.27	23.27	23.21	24.00
		16QAM	1	0	23.49	23.49	23.46	24.00
			1	25	23.67	23.56	23.58	24.00
			1	49	23.65	23.61	23.54	24.00
25			0	22.35	22.35	22.22	23.00	
25			13	22.45	22.37	22.29	23.00	
25			25	22.26	22.18	22.26	23.00	
50			0	22.24	22.27	22.29	23.00	
64QAM		1	0	22.13	22.04	22.09	23.00	
		1	25	22.08	22.10	21.93	23.00	
		1	49	22.38	22.44	22.44	23.00	
		25	0	21.34	21.36	21.42	22.00	
		25	13	21.30	21.28	21.26	22.00	
		25	25	21.24	21.21	21.31	22.00	



		50	0	21.27	21.15	21.30	22.00
	256QAM	1	0	19.06	19.15	19.16	20.00
		1	25	19.11	19.08	19.10	20.00
		1	49	19.27	19.41	19.30	20.00
		25	0	19.05	19.06	19.13	20.00
		25	13	18.93	18.85	18.81	20.00
		25	25	18.87	18.92	18.88	20.00
		50	0	19.18	19.13	19.11	20.00

## 2 Conducted Power of Main Antenna(Ant1)

### 2.1 Conducted Power of GSM

GSM 850 Full Power										
		Burst Output Power(dBm)				Division Factors	Frame-Average Output Power(dBm)			
Channel		128	190	251	Tune up		128	190	251	Tune up
GSM(GMSK)	GSM	32.19	32.14	32.23	33.00	-9.19	23.00	22.95	23.04	23.81
GPRS (GMSK)	1 TX Slot	32.12	32.14	32.11	33.00	-9.19	22.93	22.95	22.92	23.81
	2 TX Slots	28.97	28.96	28.99	30.00	-6.18	22.79	22.78	22.81	23.82
	3 TX Slots	27.39	27.30	27.35	28.20	-4.42	22.97	22.88	22.93	23.78
	4 TX Slots	25.80	25.89	25.75	27.00	-3.17	22.63	22.72	22.58	23.83
EGPRS (GMSK)	1 TX Slot	32.12	32.06	32.20	33.00	-9.19	22.93	22.87	23.01	23.81
	2 TX Slots	29.01	28.90	28.96	30.00	-6.18	22.83	22.72	22.78	23.82
	3 TX Slots	27.37	27.38	27.36	28.20	-4.42	22.95	22.96	22.94	23.78
	4 TX Slots	25.77	25.78	25.82	27.00	-3.17	22.60	22.61	22.65	23.83
EGPRS (8PSK)	1 TX Slot	25.44	25.43	25.53	27.00	-9.19	16.25	16.24	16.34	17.81
	2 TX Slots	22.84	22.87	22.70	24.00	-6.18	16.66	16.69	16.52	17.82
	3 TX Slots	21.32	21.22	20.92	22.20	-4.42	16.90	16.80	16.50	17.78
	4 TX Slots	19.86	19.86	19.52	21.00	-3.17	16.69	16.69	16.35	17.83

GSM 850 DS11 DS15										
		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	29.26	29.18	29.40	30.00	-9.19	20.07	19.99	20.21	20.81
GPRS (GMSK)	1 TX Slot	29.25	29.29	29.21	30.00	-9.19	20.06	20.10	20.02	20.81
	2 TX Slots	26.10	26.10	26.15	27.00	-6.18	19.92	19.92	19.97	20.82
	3 TX Slots	24.46	24.40	24.46	25.20	-4.42	20.04	19.98	20.04	20.78
	4 TX Slots	22.87	22.97	22.83	24.00	-3.17	19.70	19.80	19.66	20.83
EGPRS (GMSK)	1 TX Slot	29.23	29.17	29.37	30.00	-9.19	20.04	19.98	20.18	20.81
	2 TX Slots	26.15	26.02	26.06	27.00	-6.18	19.97	19.84	19.88	20.82
	3 TX Slots	24.46	24.45	24.52	25.20	-4.42	20.04	20.03	20.10	20.78
	4 TX Slots	22.89	22.92	22.94	24.00	-3.17	19.72	19.75	19.77	20.83
EGPRS (8PSK)	1 TX Slot	25.44	25.43	25.53	27.00	-9.19	16.25	16.24	16.34	17.81
	2 TX Slots	22.84	22.87	22.70	24.00	-6.18	16.66	16.69	16.52	17.82
	3 TX Slots	21.32	21.22	20.92	22.20	-4.42	16.90	16.80	16.50	17.78
	4 TX Slots	19.86	19.86	19.52	21.00	-3.17	16.69	16.69	16.35	17.83

## 2.2 Conducted Power of WCDMA

WCDMA Band V Full Power					
Average Conducted Power(dBm)					
Channel		4132	4182	4233	Tune up
WCDMA	12.2kbps RMC	24.11	24.18	24.15	24.50
	12.2kbps AMR	24.01	24.09	23.93	24.50
HSDPA	Subtest 1	23.21	23.14	23.21	23.50
	Subtest 2	23.14	23.18	23.20	23.50
	Subtest 3	22.65	22.65	22.65	23.00
	Subtest 4	22.63	22.57	22.65	23.00
HSUPA	Subtest 1	21.59	21.62	21.54	22.00
	Subtest 2	21.11	20.92	21.14	21.50
	Subtest 3	22.08	22.07	22.06	22.50
	Subtest 4	21.08	20.93	21.15	21.50
	Subtest 5	22.07	22.10	22.08	22.50
DC-HSDPA	Subtest 1	23.17	23.15	23.19	23.50
	Subtest 2	23.19	23.22	23.16	23.50
	Subtest 3	22.62	22.59	22.63	23.00
	Subtest 4	22.63	22.61	22.62	23.00
HSPA+	16QAM	21.06	20.94	21.16	21.50

WCDMA Band V DS11 DS15					
Average Conducted Power(dBm)					
Channel		4132	4182	4233	Tune up
WCDMA	12.2kbps RMC	19.89	19.99	19.88	20.50
	12.2kbps AMR	19.86	19.86	19.76	20.50
HSDPA	Subtest 1	19.05	19.00	19.03	19.50
	Subtest 2	18.94	18.95	19.02	19.50
	Subtest 3	18.53	18.44	18.46	19.00
	Subtest 4	18.41	18.35	18.44	19.00
HSUPA	Subtest 1	17.43	17.49	17.40	18.00
	Subtest 2	16.94	16.73	16.95	17.50
	Subtest 3	17.85	17.89	17.89	18.50
	Subtest 4	16.92	16.75	16.93	17.50
	Subtest 5	17.88	17.91	17.90	18.50
DC-HSDPA	Subtest 1	18.96	18.96	19.03	19.50
	Subtest 2	18.96	18.99	19.02	19.50
	Subtest 3	18.39	18.46	18.45	19.00
	Subtest 4	18.40	18.40	18.44	19.00
HSPA+	16QAM	16.88	16.69	16.89	17.50

WCDMA Band V DSI3					
Average Conducted Power(dBm)					
Channel		4132	4182	4233	Tune up
WCDMA	12.2kbps RMC	21.03	21.10	21.05	21.50
	12.2kbps AMR	20.95	20.96	20.80	21.50
HSDPA	Subtest 1	20.14	20.07	20.12	20.50
	Subtest 2	20.05	20.11	20.10	20.50
	Subtest 3	19.52	19.59	19.51	20.00
	Subtest 4	19.49	19.49	19.59	20.00
HSUPA	Subtest 1	18.46	18.57	18.43	19.00
	Subtest 2	18.06	17.82	18.07	18.50
	Subtest 3	18.96	18.96	19.00	19.50
	Subtest 4	18.01	17.85	18.09	18.50
	Subtest 5	19.02	18.99	18.95	19.50
DC-HSDPA	Subtest 1	20.10	20.05	20.09	20.50
	Subtest 2	20.09	20.13	20.09	20.50
	Subtest 3	19.53	19.48	19.56	20.00
	Subtest 4	19.50	19.55	19.49	20.00
HSPA+	16QAM	17.99	17.84	18.07	18.50

### 2.3 Conducted Power of LTE

LTE Band 5 Full Power				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20407	20525	20643	
1.4MHz	QPSK	1	0	24.04	24.09	24.12	25.00
		1	2	24.08	24.09	24.08	25.00
		1	5	24.09	24.01	24.09	25.00
		3	0	24.12	24.18	24.16	25.00
		3	2	24.16	24.10	24.14	25.00
		3	3	24.17	24.07	24.14	25.00
	16QAM	6	0	23.22	23.20	23.10	24.00
		1	0	23.56	23.51	23.47	24.00
		1	2	23.37	23.47	23.44	24.00
		1	5	23.47	23.37	23.42	24.00
		3	0	23.23	23.28	23.29	24.00
		3	2	23.37	23.37	23.30	24.00
		3	3	23.29	23.32	23.32	24.00
		6	0	22.16	22.25	22.28	23.00

	64QAM	1	0	21.98	21.92	22.06	23.00
		1	2	22.04	22.12	22.13	23.00
		1	5	22.26	22.24	22.26	23.00
		3	0	21.96	21.99	22.02	23.00
		3	2	22.14	22.01	22.08	23.00
		3	3	22.27	22.27	22.27	23.00
		6	0	21.05	21.13	21.13	22.00
	256QAM	1	0	19.10	19.13	19.11	20.00
		1	2	18.97	18.93	18.98	20.00
		1	5	19.20	19.23	19.16	20.00
		3	0	19.07	19.03	19.00	20.00
		3	2	18.70	18.60	18.69	20.00
		3	3	18.75	18.80	18.76	20.00
		6	0	18.99	19.09	19.03	20.00
<b>Bandwidth</b>	<b>Modulation</b>	<b>RB size</b>	<b>RB offset</b>	<b>Channel</b>	<b>Channel</b>	<b>Channel</b>	<b>Tune up</b>
				20415	20525	20635	
<b>3MHz</b>	QPSK	1	0	24.19	24.18	24.22	25.00
		1	7	24.17	24.16	24.18	25.00
		1	14	24.12	24.16	24.19	25.00
		8	0	23.10	23.08	23.13	24.00
		8	4	23.14	23.18	23.09	24.00
		8	7	23.18	23.12	23.15	24.00
		15	0	23.14	23.14	23.11	24.00
	16QAM	1	0	23.39	23.38	23.42	24.00
		1	7	23.57	23.49	23.59	24.00
		1	14	23.47	23.48	23.43	24.00
		8	0	22.29	22.18	22.18	23.00
		8	4	22.26	22.32	22.35	23.00
		8	7	22.16	22.17	22.13	23.00
		15	0	22.20	22.18	22.12	23.00
	64QAM	1	0	22.06	22.07	21.98	23.00
		1	7	21.90	21.95	21.94	23.00
		1	14	22.38	22.40	22.37	23.00
		8	0	21.25	21.29	21.28	22.00
		8	4	21.20	21.22	21.19	22.00
		8	7	21.21	21.14	21.17	22.00
		15	0	21.15	21.14	21.18	22.00
	256QAM	1	0	19.03	19.02	19.04	20.00
		1	7	19.08	19.02	19.05	20.00
		1	14	19.26	19.22	19.22	20.00

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20425	20525	20625	
5MHz	QPSK	8	0	18.95	19.03	19.00	20.00
		8	4	18.78	18.77	18.82	20.00
		8	7	18.86	18.82	18.88	20.00
		15	0	19.12	19.15	19.14	20.00
		1	0	24.17	24.18	24.19	25.00
		1	13	24.15	24.11	24.15	25.00
		1	24	24.12	24.12	24.12	25.00
	16QAM	12	0	23.09	23.07	23.15	24.00
		12	6	23.16	23.10	23.14	24.00
		12	13	23.20	23.08	23.14	24.00
		25	0	23.16	23.17	23.12	24.00
		1	0	23.36	23.43	23.36	24.00
		1	13	23.52	23.54	23.63	24.00
		1	24	23.43	23.43	23.43	24.00
	64QAM	12	0	22.27	22.25	22.23	23.00
		12	6	22.26	22.30	22.34	23.00
		12	13	22.17	22.17	22.17	23.00
		25	0	22.15	22.17	22.14	23.00
		1	0	22.04	22.07	22.02	23.00
		1	13	21.88	21.94	21.91	23.00
		1	24	22.39	22.36	22.42	23.00
	256QAM	12	0	21.24	21.32	21.20	22.00
		12	6	21.22	21.21	21.15	22.00
		12	13	21.23	21.16	21.15	22.00
		25	0	21.18	21.13	21.18	22.00
		1	0	19.03	19.06	19.06	20.00
		1	13	19.04	18.99	19.01	20.00
		1	24	19.28	19.25	19.30	20.00
10MHz	QPSK	12	0	18.99	19.00	19.00	20.00
		12	6	18.78	18.83	18.82	20.00
12		13	18.88	18.80	18.81	20.00	
25		0	19.09	19.16	19.16	20.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20450	20525	20600	
10MHz	QPSK	1	0	24.26	24.36	24.23	25.00
		1	25	24.16	24.09	24.19	25.00
		1	49	24.16	24.17	24.20	25.00
		25	0	23.19	23.28	23.14	24.00

		25	13	23.11	23.13	23.09	24.00			
		25	25	23.17	23.08	23.07	24.00			
		50	0	23.19	23.24	23.13	24.00			
	16QAM		1	0	23.36	23.46	23.40	24.00		
			1	25	23.51	23.54	23.57	24.00		
			1	49	23.44	23.43	23.47	24.00		
			25	0	22.28	22.22	22.20	23.00		
			25	13	22.29	22.27	22.32	23.00		
			25	25	22.20	22.13	22.12	23.00		
			50	0	22.22	22.20	22.17	23.00		
			64QAM		1	0	22.07	22.04	21.98	23.00
					1	25	21.86	21.91	21.93	23.00
	1	49			22.37	22.32	22.37	23.00		
	25	0			21.33	21.28	21.26	22.00		
	25	13			21.18	21.23	21.13	22.00		
	25	25			21.20	21.17	21.18	22.00		
	50	0			21.18	21.21	21.11	22.00		
	256QAM				1	0	19.02	19.05	19.07	20.00
			1	25	19.08	19.01	19.00	20.00		
			1	49	19.24	19.18	19.23	20.00		
			25	0	19.02	18.98	19.00	20.00		
			25	13	18.77	18.79	18.76	20.00		
			25	25	18.86	18.79	18.85	20.00		
			50	0	19.15	19.18	19.15	20.00		

LTE Band 5 DSI1 DSI5				Conducted Power(dBm)				
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				20407	20525	20643		
1.4MHz	QPSK	1	0	19.66	19.55	19.76	20.50	
		1	2	19.71	19.55	19.68	20.50	
		1	5	19.70	19.60	19.74	20.50	
		3	0	19.69	19.55	19.75	20.50	
		3	2	19.68	19.60	19.71	20.50	
		3	3	19.71	19.63	19.73	20.50	
		6	0	19.69	19.61	19.67	20.50	
	16QAM		1	0	19.72	19.59	19.70	20.50
			1	2	19.69	19.58	19.70	20.50
			1	5	19.73	19.57	19.68	20.50
			3	0	19.67	19.57	19.71	20.50

		3	2	19.71	19.56	19.73	20.50
		3	3	19.68	19.60	19.75	20.50
		6	0	19.70	19.64	19.74	20.50
	64QAM	1	0	19.73	19.58	19.74	20.50
		1	2	19.68	19.61	19.68	20.50
		1	5	19.72	19.62	19.71	20.50
		3	0	19.72	19.63	19.72	20.50
		3	2	19.74	19.64	19.74	20.50
		3	3	19.74	19.63	19.71	20.50
		6	0	19.73	19.57	19.68	20.50
		256QAM	1	0	19.00	19.01	19.11
	1		2	19.08	19.05	19.04	20.00
	1		5	19.28	19.17	19.28	20.00
	3		0	19.05	19.01	18.99	20.00
	3		2	18.81	18.76	18.73	20.00
3	3		18.88	18.82	18.83	20.00	
6	0		19.13	19.22	19.14	20.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20415	20525	20635	
3MHz	QPSK	1	0	19.71	19.60	19.71	20.50
		1	7	19.65	19.60	19.74	20.50
		1	14	19.68	19.58	19.71	20.50
		8	0	19.65	19.59	19.73	20.50
		8	4	19.67	19.55	19.75	20.50
		8	7	19.70	19.60	19.74	20.50
		15	0	19.73	19.63	19.76	20.50
	16QAM	1	0	19.73	19.56	19.72	20.50
		1	7	19.66	19.62	19.70	20.50
		1	14	19.74	19.63	19.74	20.50
		8	0	19.67	19.62	19.72	20.50
		8	4	19.67	19.57	19.74	20.50
		8	7	19.72	19.60	19.68	20.50
		15	0	19.72	19.56	19.68	20.50
	64QAM	1	0	19.71	19.56	19.75	20.50
		1	7	19.66	19.62	19.75	20.50
		1	14	19.70	19.60	19.75	20.50
		8	0	19.68	19.57	19.68	20.50
		8	4	19.72	19.60	19.73	20.50
		8	7	19.71	19.62	19.75	20.50
		15	0	19.73	19.63	19.71	20.50



		1	0	19.00	19.07	19.08	20.00
		1	7	19.06	19.05	19.00	20.00
		1	14	19.22	19.15	19.28	20.00
	256QAM	8	0	19.02	19.02	18.98	20.00
		8	4	18.82	18.81	18.81	20.00
		8	7	18.90	18.82	18.86	20.00
		15	0	19.14	19.23	19.13	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20425	20525	20625	
5MHz	QPSK	1	0	19.74	19.56	19.76	20.50
		1	13	19.71	19.63	19.68	20.50
		1	24	19.73	19.57	19.68	20.50
		12	0	19.68	19.63	19.72	20.50
		12	6	19.67	19.60	19.67	20.50
		12	13	19.74	19.55	19.71	20.50
		25	0	19.68	19.59	19.69	20.50
	16QAM	1	0	19.66	19.63	19.76	20.50
		1	13	19.72	19.55	19.69	20.50
		1	24	19.65	19.58	19.71	20.50
		12	0	19.69	19.61	19.71	20.50
		12	6	19.74	19.61	19.75	20.50
		12	13	19.73	19.63	19.70	20.50
		25	0	19.70	19.63	19.72	20.50
	64QAM	1	0	19.73	19.55	19.74	20.50
		1	13	19.72	19.63	19.74	20.50
		1	24	19.70	19.57	19.68	20.50
		12	0	19.67	19.57	19.68	20.50
		12	6	19.68	19.64	19.69	20.50
		12	13	19.73	19.61	19.67	20.50
		25	0	19.74	19.61	19.69	20.50
	256QAM	1	0	19.02	19.08	19.06	20.00
		1	13	19.08	19.01	19.01	20.00
		1	24	19.28	19.16	19.21	20.00
		12	0	19.05	18.99	19.04	20.00
		12	6	18.81	18.84	18.75	20.00
		12	13	18.83	18.82	18.88	20.00
		25	0	19.16	19.20	19.13	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20450	20525	20600	
10MHz	QPSK	1	0	19.76	19.84	19.72	20.50

		1	25	19.71	19.62	19.70	20.50
		1	49	19.66	19.62	19.70	20.50
		25	0	19.73	19.79	19.71	20.50
		25	13	19.66	19.56	19.70	20.50
		25	25	19.67	19.57	19.70	20.50
		50	0	19.69	19.80	19.70	20.50
	16QAM	1	0	19.67	19.56	19.76	20.50
		1	25	19.68	19.59	19.71	20.50
		1	49	19.65	19.64	19.75	20.50
		25	0	19.73	19.59	19.69	20.50
		25	13	19.73	19.57	19.68	20.50
		25	25	19.73	19.57	19.74	20.50
	64QAM	50	0	19.70	19.63	19.69	20.50
		1	0	19.68	19.61	19.69	20.50
		1	25	19.65	19.58	19.74	20.50
		1	49	19.66	19.63	19.68	20.50
		25	0	19.68	19.57	19.75	20.50
		25	13	19.73	19.56	19.69	20.50
	256QAM	25	25	19.68	19.60	19.75	20.50
		50	0	19.73	19.57	19.73	20.50
		1	0	19.04	19.05	19.05	20.00
		1	25	19.10	19.02	19.02	20.00
		1	49	19.22	19.19	19.22	20.00
		25	0	19.00	19.02	19.03	20.00
		25	13	18.79	18.78	18.73	20.00
		25	25	18.84	18.80	18.89	20.00
		50	0	19.16	19.15	19.18	20.00

LTE Band 5 DSI3 DSI4				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20407	20525	20643	
1.4MHz	QPSK	1	0	22.90	23.03	23.02	24.00
		1	2	23.07	22.97	22.92	24.00
		1	5	23.05	22.84	22.91	24.00
		3	0	23.00	23.02	23.07	24.00
		3	2	23.11	23.04	23.11	24.00
		3	3	23.10	22.95	23.07	24.00
		6	0	23.19	23.18	23.08	24.00
	16QAM	1	0	22.94	22.96	22.97	24.00

		1	2	23.00	22.98	22.99	24.00	
		1	5	23.03	22.90	22.93	24.00	
		3	0	23.01	23.08	23.06	24.00	
		3	2	23.14	22.98	23.07	24.00	
		3	3	23.12	22.96	23.02	24.00	
		6	0	22.21	22.29	22.33	23.00	
	64QAM	1	0	21.98	21.88	22.07	23.00	
		1	2	22.07	22.12	22.17	23.00	
		1	5	22.31	22.29	22.31	23.00	
		3	0	21.95	22.01	22.06	23.00	
		3	2	22.15	22.04	22.13	23.00	
		3	3	22.30	22.24	22.26	23.00	
	256QAM	6	0	21.08	21.11	21.10	22.00	
		1	0	19.07	19.14	19.11	20.00	
		1	2	19.02	18.95	19.00	20.00	
		1	5	19.20	19.21	19.13	20.00	
		3	0	19.04	19.02	19.05	20.00	
		3	2	18.68	18.62	18.68	20.00	
		3	3	18.74	18.78	18.77	20.00	
		6	0	19.03	19.07	19.03	20.00	
		Bandwidth	Modulation	RB size	RB offset	Channel 20415	Channel 20525	Channel 20635
3MHz		QPSK	1	0	23.14	23.12	23.17	24.00
			1	7	23.13	23.14	23.14	24.00
			1	14	23.09	23.11	23.14	24.00
	8		0	23.13	23.13	23.15	24.00	
	8		4	23.15	23.14	23.12	24.00	
	8		7	23.14	23.12	23.10	24.00	
	16QAM	15	0	23.11	23.06	23.15	24.00	
		1	0	23.12	23.13	23.09	24.00	
		1	7	23.08	23.06	23.16	24.00	
		1	14	23.14	23.12	23.11	24.00	
		8	0	22.26	22.18	22.18	23.00	
		8	4	22.25	22.30	22.38	23.00	
	64QAM	8	7	22.19	22.15	22.11	23.00	
		15	0	22.20	22.17	22.10	23.00	
		1	0	22.08	22.12	21.98	23.00	
		1	7	21.92	21.98	21.93	23.00	
		1	14	22.38	22.43	22.40	23.00	
		8	0	21.24	21.33	21.32	22.00	

		8	4	21.24	21.19	21.17	22.00
		8	7	21.24	21.16	21.15	22.00
		15	0	21.14	21.12	21.19	22.00
	256QAM	1	0	19.04	19.00	19.04	20.00
		1	7	19.07	19.01	19.03	20.00
		1	14	19.25	19.22	19.20	20.00
		8	0	18.91	19.02	19.05	20.00
		8	4	18.82	18.82	18.83	20.00
		8	7	18.90	18.78	18.90	20.00
		15	0	19.12	19.14	19.14	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20425	20525	20625	
5MHz	QPSK	1	0	23.07	23.07	23.15	24.00
		1	13	23.10	23.11	23.10	24.00
		1	24	23.11	23.09	23.09	24.00
		12	0	23.11	23.06	23.09	24.00
		12	6	23.07	23.15	23.12	24.00
		12	13	23.16	23.10	23.16	24.00
		25	0	23.09	23.11	23.14	24.00
	16QAM	1	0	23.15	23.12	23.11	24.00
		1	13	23.16	23.07	23.12	24.00
		1	24	23.08	23.13	23.15	24.00
		12	0	22.25	22.15	22.20	23.00
		12	6	22.27	22.31	22.34	23.00
		12	13	22.19	22.14	22.10	23.00
		25	0	22.18	22.15	22.16	23.00
	64QAM	1	0	22.10	22.07	21.96	23.00
		1	13	21.88	21.94	21.96	23.00
		1	24	22.40	22.40	22.39	23.00
		12	0	21.28	21.33	21.28	22.00
		12	6	21.19	21.24	21.19	22.00
		12	13	21.21	21.13	21.16	22.00
		25	0	21.19	21.19	21.18	22.00
	256QAM	1	0	19.08	18.99	19.01	20.00
		1	13	19.09	19.01	19.07	20.00
		1	24	19.30	19.21	19.25	20.00
		12	0	18.92	19.00	19.00	20.00
		12	6	18.77	18.82	18.83	20.00
		12	13	18.88	18.86	18.91	20.00
		25	0	19.16	19.13	19.17	20.00

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20450	20525	20600	
10MHz	QPSK	1	0	23.19	23.24	23.19	24.00
		1	25	23.15	23.10	23.11	24.00
		1	49	23.13	23.12	23.08	24.00
		25	0	23.17	23.19	23.18	24.00
		25	13	23.08	23.14	23.14	24.00
		25	25	23.14	23.11	23.09	24.00
		50	0	23.11	23.17	23.13	24.00
	16QAM	1	0	23.13	23.13	23.10	24.00
		1	25	23.09	23.11	23.10	24.00
		1	49	23.12	23.08	23.17	24.00
		25	0	22.34	22.14	22.21	23.00
		25	13	22.24	22.33	22.38	23.00
		25	25	22.20	22.19	22.12	23.00
		50	0	22.24	22.17	22.14	23.00
	64QAM	1	0	22.08	22.04	22.01	23.00
		1	25	21.86	21.93	21.97	23.00
		1	49	22.36	22.44	22.42	23.00
		25	0	21.30	21.26	21.29	22.00
		25	13	21.17	21.27	21.18	22.00
		25	25	21.21	21.16	21.16	22.00
		50	0	21.20	21.17	21.18	22.00
	256QAM	1	0	19.07	18.98	19.02	20.00
		1	25	19.08	18.98	19.08	20.00
		1	49	19.27	19.20	19.24	20.00
		25	0	18.93	19.01	18.98	20.00
		25	13	18.77	18.77	18.79	20.00
		25	25	18.89	18.78	18.87	20.00
		50	0	19.15	19.18	19.10	20.00

LTE Band 5 Full Power For ENDC				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20407	20525	20643	
1.4MHz	QPSK	1	0	23.50	23.62	23.60	25.00
		1	2	23.53	23.66	23.55	25.00
		1	5	23.55	23.52	23.64	25.00
		3	0	23.71	23.74	23.72	25.00
		3	2	23.73	23.58	23.61	25.00

		3	3	23.65	23.53	23.71	25.00
		6	0	22.71	22.79	22.58	24.00
	16QAM	1	0	23.12	23.08	23.04	24.00
		1	2	22.91	23.04	23.00	24.00
		1	5	23.03	22.97	22.99	24.00
		3	0	22.69	22.76	22.85	24.00
		3	2	22.97	22.90	22.80	24.00
		3	3	22.81	22.80	22.83	24.00
		6	0	21.61	21.84	21.88	23.00
		64QAM	1	0	21.51	21.44	21.59
	1		2	21.62	21.70	21.69	23.00
	1		5	21.77	21.81	21.78	23.00
	3		0	21.45	21.52	21.52	23.00
	3		2	21.74	21.52	21.60	23.00
	3		3	21.82	21.85	21.85	23.00
	6		0	20.52	20.68	20.71	22.00
	256QAM	1	0	18.67	18.66	18.59	20.00
		1	2	18.50	18.40	18.56	20.00
		1	5	18.78	18.79	18.70	20.00
		3	0	18.61	18.52	18.60	20.00
		3	2	18.27	18.08	18.19	20.00
		3	3	18.34	18.26	18.24	20.00
		6	0	18.46	18.58	18.61	20.00
	<b>Bandwidth</b>	<b>Modulation</b>	<b>RB size</b>	<b>RB offset</b>	<b>Channel</b>	<b>Channel</b>	<b>Channel</b>
				20415	20525	20635	
<b>3MHz</b>	QPSK	1	0	23.79	23.67	23.79	25.00
		1	7	23.64	23.64	23.66	25.00
		1	14	23.70	23.71	23.67	25.00
		8	0	22.57	22.67	22.60	24.00
		8	4	22.62	22.73	22.63	24.00
		8	7	22.67	22.61	22.74	24.00
		15	0	22.63	22.68	22.71	24.00
	16QAM	1	0	22.88	22.84	22.97	24.00
		1	7	23.10	22.95	23.14	24.00
		1	14	23.03	23.02	22.99	24.00
		8	0	21.82	21.78	21.72	23.00
		8	4	21.72	21.86	21.81	23.00
		8	7	21.74	21.71	21.62	23.00
		15	0	21.78	21.73	21.66	23.00
	64QAM	1	0	21.57	21.64	21.50	23.00

		1	7	21.37	21.41	21.42	23.00
		1	14	21.92	21.87	21.96	23.00
		8	0	20.77	20.83	20.81	22.00
		8	4	20.65	20.79	20.69	22.00
		8	7	20.78	20.73	20.77	22.00
		15	0	20.61	20.74	20.68	22.00
	256QAM	1	0	18.52	18.61	18.54	20.00
		1	7	18.60	18.57	18.51	20.00
		1	14	18.82	18.72	18.82	20.00
		8	0	18.43	18.49	18.49	20.00
		8	4	18.35	18.32	18.35	20.00
		8	7	18.42	18.41	18.35	20.00
		15	0	18.70	18.61	18.59	20.00
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
20425					20525	20625	
5MHz	QPSK	1	0	23.71	23.70	23.71	25.00
		1	13	23.66	23.68	23.61	25.00
		1	24	23.68	23.59	23.66	25.00
		12	0	22.62	22.58	22.72	24.00
		12	6	22.61	22.68	22.63	24.00
		12	13	22.66	22.64	22.73	24.00
		25	0	22.61	22.64	22.66	24.00
	16QAM	1	0	22.90	22.91	22.94	24.00
		1	13	23.01	23.00	23.09	24.00
		1	24	22.91	22.96	22.93	24.00
		12	0	21.77	21.80	21.75	23.00
		12	6	21.76	21.86	21.81	23.00
		12	13	21.73	21.72	21.76	23.00
		25	0	21.65	21.71	21.66	23.00
	64QAM	1	0	21.60	21.66	21.60	23.00
		1	13	21.43	21.43	21.38	23.00
		1	24	21.85	21.94	21.89	23.00
		12	0	20.79	20.77	20.75	22.00
		12	6	20.80	20.79	20.65	22.00
		12	13	20.82	20.72	20.61	22.00
		25	0	20.67	20.72	20.64	22.00
	256QAM	1	0	18.49	18.62	18.55	20.00
		1	13	18.61	18.53	18.60	20.00
		1	24	18.83	18.81	18.87	20.00
		12	0	18.48	18.51	18.54	20.00

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20450	20525	20600	
10MHz		12	6	18.31	18.37	18.38	20.00
		12	13	18.36	18.29	18.27	20.00
		25	0	18.63	18.67	18.64	20.00
	QPSK	1	0	23.80	23.95	23.82	25.00
		1	25	23.72	23.60	23.78	25.00
		1	49	23.74	23.68	23.70	25.00
		25	0	22.71	22.86	22.60	24.00
		25	13	22.63	22.71	22.58	24.00
		25	25	22.72	22.66	22.62	24.00
		50	0	22.77	22.80	22.61	24.00
	16QAM	1	0	22.92	22.99	22.97	24.00
		1	25	22.98	23.04	23.03	24.00
		1	49	22.90	22.98	23.06	24.00
		25	0	21.87	21.79	21.69	23.00
		25	13	21.79	21.73	21.82	23.00
		25	25	21.77	21.68	21.72	23.00
		50	0	21.70	21.68	21.72	23.00
	64QAM	1	0	21.53	21.50	21.57	23.00
		1	25	21.31	21.50	21.52	23.00
		1	49	21.85	21.85	21.91	23.00
		25	0	20.89	20.85	20.82	22.00
		25	13	20.67	20.74	20.67	22.00
		25	25	20.72	20.74	20.66	22.00
		50	0	20.72	20.68	20.57	22.00
	256QAM	1	0	18.47	18.58	18.57	20.00
		1	25	18.57	18.59	18.55	20.00
		1	49	18.79	18.73	18.75	20.00
		25	0	18.51	18.55	18.46	20.00
		25	13	18.24	18.35	18.21	20.00
		25	25	18.44	18.29	18.39	20.00
50		0	18.66	18.69	18.64	20.00	

LTE Band 5 DSI1 DSI5 For ENDC				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20407	20525	20643	
1.4MHz	QPSK	1	0	19.13	19.05	19.36	20.50
		1	2	19.29	19.09	19.25	20.50



		1	5	19.28	19.17	19.25	20.50
		3	0	19.27	19.07	19.31	20.50
		3	2	19.28	19.18	19.19	20.50
		3	3	19.19	19.17	19.31	20.50
		6	0	19.15	19.18	19.16	20.50
	16QAM	1	0	19.20	19.18	19.29	20.50
		1	2	19.18	19.03	19.23	20.50
		1	5	19.27	19.06	19.18	20.50
		3	0	19.16	19.05	19.22	20.50
		3	2	19.25	19.09	19.27	20.50
		3	3	19.25	19.13	19.28	20.50
	64QAM	6	0	19.19	19.13	19.23	20.50
		1	0	19.29	19.09	19.24	20.50
		1	2	19.19	19.14	19.24	20.50
		1	5	19.24	19.15	19.20	20.50
		3	0	19.20	19.18	19.31	20.50
		3	2	19.19	19.17	19.27	20.50
	256QAM	3	3	19.21	19.19	19.30	20.50
		6	0	19.32	19.04	19.27	20.50
		1	0	18.56	18.53	18.62	20.00
		1	2	18.60	18.60	18.57	20.00
1		5	18.88	18.65	18.79	20.00	
3		0	18.57	18.54	18.55	20.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20415	20525	20635	
3MHz	QPSK	1	0	19.22	19.12	19.28	20.50
		1	7	19.16	19.09	19.33	20.50
		1	14	19.23	19.12	19.29	20.50
		8	0	19.17	19.19	19.19	20.50
		8	4	19.27	19.02	19.24	20.50
		8	7	19.17	19.10	19.22	20.50
		15	0	19.20	19.18	19.22	20.50
	16QAM	1	0	19.23	19.06	19.32	20.50
		1	7	19.15	19.13	19.27	20.50
		1	14	19.26	19.09	19.31	20.50
		8	0	19.19	19.15	19.19	20.50
		8	4	19.21	19.04	19.25	20.50

		8	7	19.24	19.16	19.24	20.50	
		15	0	19.31	19.05	19.27	20.50	
		1	0	19.24	19.06	19.31	20.50	
	64QAM	1	7	19.13	19.15	19.25	20.50	
		1	14	19.26	19.10	19.33	20.50	
		8	0	19.16	19.11	19.17	20.50	
		8	4	19.30	19.19	19.32	20.50	
		8	7	19.25	19.11	19.29	20.50	
		15	0	19.24	19.09	19.23	20.50	
		256QAM	1	0	18.55	18.66	18.67	20.00
			1	7	18.60	18.51	18.51	20.00
	1		14	18.79	18.68	18.82	20.00	
	8		0	18.50	18.59	18.46	20.00	
	8		4	18.41	18.32	18.30	20.00	
	8		7	18.46	18.30	18.43	20.00	
15	0		18.74	18.73	18.61	20.00		
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				20425	20525	20625		
5MHz	QPSK	1	0	19.32	19.07	19.34	20.50	
		1	13	19.22	19.23	19.17	20.50	
		1	24	19.31	19.13	19.15	20.50	
		12	0	19.15	19.22	19.30	20.50	
		12	6	19.19	19.16	19.23	20.50	
		12	13	19.27	19.04	19.25	20.50	
		25	0	19.15	19.07	19.20	20.50	
	16QAM	1	0	19.21	19.09	19.32	20.50	
		1	13	19.26	19.08	19.21	20.50	
		1	24	19.12	19.16	19.26	20.50	
		12	0	19.22	19.21	19.28	20.50	
		12	6	19.20	19.08	19.33	20.50	
		12	13	19.31	19.15	19.22	20.50	
		25	0	19.18	19.18	19.20	20.50	
	64QAM	1	0	19.20	19.12	19.23	20.50	
		1	13	19.30	19.10	19.32	20.50	
		1	24	19.25	19.15	19.24	20.50	
		12	0	19.25	19.03	19.17	20.50	
		12	6	19.18	19.21	19.23	20.50	
		12	13	19.21	19.06	19.13	20.50	
		25	0	19.22	19.12	19.18	20.50	
	256QAM	1	0	18.55	18.65	18.65	20.00	

		1	13	18.57	18.57	18.57	20.00
		1	24	18.85	18.70	18.78	20.00
		12	0	18.61	18.54	18.61	20.00
		12	6	18.34	18.38	18.24	20.00
		12	13	18.29	18.37	18.36	20.00
		25	0	18.73	18.75	18.72	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20450	20525	20600	
10MHz	QPSK	1	0	19.43	19.55	19.32	20.50
		1	25	19.41	19.32	19.33	20.50
		1	49	19.26	19.23	19.39	20.50
		25	0	19.36	19.52	19.35	20.50
		25	13	19.34	19.25	19.35	20.50
		25	25	19.32	19.21	19.31	20.50
		50	0	19.33	19.50	19.44	20.50
	16QAM	1	0	19.29	19.19	19.39	20.50
		1	25	19.38	19.34	19.34	20.50
		1	49	19.31	19.29	19.50	20.50
		25	0	19.48	19.25	19.37	20.50
		25	13	19.40	19.22	19.36	20.50
		25	25	19.35	19.18	19.39	20.50
		50	0	19.43	19.27	19.30	20.50
	64QAM	1	0	19.28	19.23	19.32	20.50
		1	25	19.30	19.21	19.40	20.50
		1	49	19.31	19.34	19.39	20.50
		25	0	19.42	19.28	19.46	20.50
		25	13	19.38	19.28	19.44	20.50
		25	25	19.35	19.23	19.37	20.50
		50	0	19.47	19.27	19.42	20.50
	256QAM	1	0	18.78	18.69	18.77	20.00
		1	25	18.73	18.63	18.69	20.00
		1	49	18.94	18.84	18.95	20.00
		25	0	18.68	18.67	18.63	20.00
		25	13	18.46	18.43	18.42	20.00
		25	25	18.48	18.45	18.51	20.00
		50	0	18.91	18.82	18.85	20.00

LTE Band 5 DSI3 DSI4 For ENDC				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20407	20525	20643	
1.4MHz	QPSK	1	0	22.62	22.63	22.65	24.00
		1	2	22.74	22.58	22.66	24.00
		1	5	22.72	22.50	22.63	24.00
		3	0	22.75	22.75	22.78	24.00
		3	2	22.75	22.71	22.72	24.00
		3	3	22.70	22.64	22.69	24.00
		6	0	22.87	22.80	22.81	24.00
	16QAM	1	0	22.56	22.68	22.70	24.00
		1	2	22.60	22.61	22.64	24.00
		1	5	22.73	22.52	22.54	24.00
		3	0	22.73	22.77	22.80	24.00
		3	2	22.80	22.72	22.79	24.00
		3	3	22.86	22.64	22.72	24.00
		6	0	21.86	21.92	22.03	23.00
	64QAM	1	0	21.62	21.53	21.74	23.00
		1	2	21.76	21.79	21.81	23.00
		1	5	22.04	21.90	21.93	23.00
		3	0	21.57	21.66	21.68	23.00
		3	2	21.86	21.72	21.82	23.00
		3	3	21.96	21.86	21.96	23.00
		6	0	20.71	20.74	20.73	22.00
	256QAM	1	0	18.71	18.85	18.76	20.00
		1	2	18.70	18.68	18.61	20.00
		1	5	18.86	18.89	18.75	20.00
		3	0	18.73	18.72	18.80	20.00
		3	2	18.32	18.28	18.28	20.00
		3	3	18.43	18.48	18.44	20.00
		6	0	18.73	18.81	18.64	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
3MHz	QPSK	1	0	22.88	22.84	22.91	24.00
		1	7	22.73	22.82	22.86	24.00
		1	14	22.74	22.76	22.84	24.00
		8	0	22.80	22.77	22.87	24.00
		8	4	22.78	22.85	22.81	24.00
		8	7	22.80	22.84	22.73	24.00
						20415	20525

		15	0	22.75	22.76	22.85	24.00
	16QAM	1	0	22.81	22.86	22.78	24.00
		1	7	22.73	22.75	22.82	24.00
		1	14	22.85	22.74	22.74	24.00
		8	0	21.88	21.92	21.87	23.00
		8	4	21.97	21.95	22.08	23.00
		8	7	21.84	21.81	21.85	23.00
		15	0	21.92	21.84	21.71	23.00
	64QAM	1	0	21.83	21.79	21.68	23.00
		1	7	21.66	21.72	21.62	23.00
		1	14	21.99	22.17	22.03	23.00
		8	0	20.92	21.03	21.02	22.00
		8	4	20.85	20.85	20.79	22.00
		8	7	20.94	20.88	20.82	22.00
		15	0	20.81	20.77	20.90	22.00
	256QAM	1	0	18.74	18.71	18.77	20.00
		1	7	18.79	18.65	18.78	20.00
		1	14	18.97	18.85	18.90	20.00
		8	0	18.64	18.69	18.65	20.00
		8	4	18.50	18.53	18.54	20.00
		8	7	18.62	18.42	18.63	20.00
		15	0	18.79	18.84	18.81	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20425	20525	20625	
5MHz	QPSK	1	0	22.80	22.73	22.82	24.00
		1	13	22.79	22.83	22.82	24.00
		1	24	22.78	22.79	22.75	24.00
		12	0	22.73	22.69	22.80	24.00
		12	6	22.74	22.81	22.81	24.00
		12	13	22.87	22.80	22.87	24.00
		25	0	22.72	22.75	22.88	24.00
	16QAM	1	0	22.84	22.75	22.73	24.00
		1	13	22.83	22.77	22.73	24.00
		1	24	22.75	22.77	22.75	24.00
		12	0	21.93	21.82	21.81	23.00
		12	6	21.94	22.04	22.07	23.00
		12	13	21.85	21.77	21.72	23.00
		25	0	21.88	21.80	21.77	23.00
	64QAM	1	0	21.70	21.74	21.58	23.00
		1	13	21.61	21.56	21.61	23.00

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				20450	20525	20600		
10MHz	256QAM	1	24	22.07	22.13	22.07	23.00	
		12	0	20.93	21.06	21.03	22.00	
		12	6	20.85	20.88	20.94	22.00	
		12	13	20.92	20.80	20.86	22.00	
		25	0	20.94	20.86	20.79	22.00	
	256QAM	1	0	18.78	18.63	18.74	20.00	
		1	13	18.80	18.67	18.72	20.00	
		1	24	18.98	18.90	18.89	20.00	
		12	0	18.57	18.60	18.66	20.00	
		12	6	18.49	18.54	18.46	20.00	
		12	13	18.56	18.58	18.63	20.00	
		25	0	18.76	18.87	18.82	20.00	
	10MHz	QPSK	1	0	22.84	22.97	22.87	24.00
			1	25	22.85	22.77	22.80	24.00
			1	49	22.79	22.85	22.72	24.00
			25	0	22.80	22.87	22.85	24.00
			25	13	22.82	22.84	22.78	24.00
			25	25	22.78	22.74	22.83	24.00
			50	0	22.84	22.83	22.84	24.00
		16QAM	1	0	22.87	22.74	22.75	24.00
			1	25	22.79	22.82	22.78	24.00
			1	49	22.75	22.71	22.91	24.00
			25	0	22.00	21.88	21.95	23.00
			25	13	21.92	21.97	22.01	23.00
			25	25	21.88	21.91	21.86	23.00
			50	0	21.97	21.80	21.87	23.00
		64QAM	1	0	21.76	21.78	21.71	23.00
			1	25	21.58	21.64	21.65	23.00
1			49	22.08	22.15	22.16	23.00	
25			0	20.94	20.92	21.02	22.00	
25			13	20.85	20.90	20.92	22.00	
25			25	20.83	20.84	20.91	22.00	
50			0	20.93	20.84	20.83	22.00	
256QAM		1	0	18.78	18.65	18.67	20.00	
		1	25	18.78	18.67	18.77	20.00	
		1	49	18.97	18.91	18.96	20.00	
		25	0	18.61	18.62	18.59	20.00	
		25	13	18.47	18.40	18.43	20.00	

		25	25	18.56	18.41	18.58	20.00
		50	0	18.78	18.88	18.80	20.00

### 3 Conducted Power of Main Antenna(Ant2)

#### 3.1 Conducted Power of GSM

GSM 1900 Full Power										
Burst Output Power(dBm)						Division Factors	Frame-Average Output Power(dBm)			
Channel		512	661	810	Tune up		512	661	810	Tune up
GSM(GMSK)	GSM	30.33	30.29	30.11	31.00	-9.19	21.14	21.10	20.92	21.81
GPRS (GMSK)	1 TX Slot	30.38	30.35	30.16	31.00	-9.19	21.19	21.16	20.97	21.81
	2 TX Slots	27.21	27.04	26.97	28.00	-6.18	21.03	20.86	20.79	21.82
	3 TX Slots	25.34	25.51	25.25	26.20	-4.42	20.92	21.09	20.83	21.78
	4 TX Slots	23.79	23.89	23.75	25.00	-3.17	20.62	20.72	20.58	21.83
EGPRS (GMSK)	1 TX Slot	30.24	30.11	30.05	31.00	-9.19	21.05	20.92	20.86	21.81
	2 TX Slots	27.22	27.11	27.02	28.00	-6.18	21.04	20.93	20.84	21.82
	3 TX Slots	25.31	25.41	25.17	26.20	-4.42	20.89	20.99	20.75	21.78
	4 TX Slots	23.65	23.74	23.63	25.00	-3.17	20.48	20.57	20.46	21.83
EGPRS (8PSK)	1 TX Slot	25.81	25.61	25.78	27.00	-9.19	16.62	16.42	16.59	17.81
	2 TX Slots	23.14	22.96	22.96	24.00	-6.18	16.96	16.78	16.78	17.82
	3 TX Slots	21.49	21.30	21.23	22.20	-4.42	17.07	16.88	16.81	17.78
	4 TX Slots	19.65	19.60	19.48	21.00	-3.17	16.48	16.43	16.31	17.83

GSM 1900 DS11 DS15										
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	26.82	26.83	26.66	27.50	-9.19	17.63	17.64	17.47	18.31
GPRS (GMSK)	1 TX Slot	26.93	26.92	26.68	27.50	-9.19	17.74	17.73	17.49	18.31
	2 TX Slots	23.73	23.61	23.49	24.50	-6.18	17.55	17.43	17.31	18.32
	3 TX Slots	21.91	22.08	21.80	22.70	-4.42	17.49	17.66	17.38	18.28
	4 TX Slots	20.31	20.39	20.32	21.50	-3.17	17.14	17.22	17.15	18.33
EGPRS (GMSK)	1 TX Slot	26.75	26.60	26.60	27.50	-9.19	17.56	17.41	17.41	18.31
	2 TX Slots	23.72	23.66	23.56	24.50	-6.18	17.54	17.48	17.38	18.32
	3 TX Slots	21.86	21.94	21.74	22.70	-4.42	17.44	17.52	17.32	18.28
	4 TX Slots	20.21	20.25	20.16	21.50	-3.17	17.04	17.08	16.99	18.33
EGPRS (8PSK)	1 TX Slot	25.81	25.61	25.78	27.00	-9.19	16.62	16.42	16.59	17.81
	2 TX Slots	23.14	22.96	22.96	24.00	-6.18	16.96	16.78	16.78	17.82
	3 TX Slots	21.49	21.30	21.23	22.20	-4.42	17.07	16.88	16.81	17.78
	4 TX Slots	19.65	19.60	19.48	21.00	-3.17	16.48	16.43	16.31	17.83

### 3.2 Conducted Power of WCDMA

WCDMA Band II Full Power					
Average Conducted Power(dBm)					
Channel		9262	9400	9538	Tune up
WCDMA	12.2kbps RMC	24.57	24.62	24.52	25.50
	12.2kbps AMR	24.37	24.48	24.33	25.50
HSDPA	Subtest 1	23.55	23.56	23.53	24.50
	Subtest 2	23.52	23.57	23.53	24.50
	Subtest 3	23.02	23.03	22.97	24.00
	Subtest 4	23.00	22.95	22.96	24.00
HSUPA	Subtest 1	21.88	21.99	21.93	23.00
	Subtest 2	21.45	21.29	21.54	22.50
	Subtest 3	22.44	22.57	22.54	23.50
	Subtest 4	21.51	21.34	21.53	22.50
	Subtest 5	22.49	22.50	22.49	23.50
DC-HSDPA	Subtest 1	23.55	23.56	23.52	24.50
	Subtest 2	23.58	23.53	23.55	24.50
	Subtest 3	22.94	22.99	23.02	24.00
	Subtest 4	23.01	22.97	23.00	24.00
HSPA+	16QAM	21.51	21.26	21.48	22.50

WCDMA Band II DS11 DS15					
Average Conducted Power(dBm)					
Channel		9262	9400	9538	Tune up
WCDMA	12.2kbps RMC	18.56	18.63	18.55	19.50
	12.2kbps AMR	18.38	18.52	18.39	19.50
HSDPA	Subtest 1	17.54	17.62	17.61	18.50
	Subtest 2	17.52	17.63	17.53	18.50
	Subtest 3	17.05	17.06	17.02	18.00
	Subtest 4	17.00	16.99	17.00	18.00
HSUPA	Subtest 1	15.88	16.01	15.93	17.00
	Subtest 2	15.47	15.29	15.59	16.50
	Subtest 3	16.50	16.60	16.54	17.50
	Subtest 4	15.58	15.36	15.53	16.50
	Subtest 5	16.50	16.49	16.51	17.50
DC-HSDPA	Subtest 1	17.62	17.62	17.58	18.50
	Subtest 2	17.59	17.57	17.58	18.50
	Subtest 3	16.95	17.00	17.04	18.00
	Subtest 4	17.00	16.98	17.05	18.00
HSPA+	16QAM	15.51	15.32	15.52	16.50



WCDMA Band II DSI4					
Average Conducted Power(dBm)					
Channel		9262	9400	9538	Tune up
WCDMA	12.2kbps RMC	21.08	21.12	21.08	22.00
	12.2kbps AMR	20.94	21.05	20.87	22.00
HSDPA	Subtest 1	20.08	20.11	20.06	21.00
	Subtest 2	20.03	20.09	20.03	21.00
	Subtest 3	19.53	19.59	19.47	20.50
	Subtest 4	19.53	19.48	19.46	20.50
HSUPA	Subtest 1	18.39	18.54	18.49	19.50
	Subtest 2	18.02	17.83	18.04	19.00
	Subtest 3	18.98	19.08	19.09	20.00
	Subtest 4	18.05	17.85	18.04	19.00
	Subtest 5	19.03	19.00	19.01	20.00
DC-HSDPA	Subtest 1	20.12	20.09	20.07	21.00
	Subtest 2	20.09	20.07	20.09	21.00
	Subtest 3	19.43	19.49	19.56	20.50
	Subtest 4	19.57	19.47	19.56	20.50
HSPA+	16QAM	18.03	17.77	17.98	19.00

WCDMA Band IV Full Power					
Average Conducted Power(dBm)					
Channel		1312	1412	1513	Tune up
WCDMA	12.2kbps RMC	24.51	24.70	24.49	25.50
	12.2kbps AMR	24.32	24.44	24.34	25.50
HSDPA	Subtest 1	23.54	23.51	23.53	24.50
	Subtest 2	23.56	23.54	23.54	24.50
	Subtest 3	23.06	22.99	23.03	24.00
	Subtest 4	23.05	23.00	23.05	24.00
HSUPA	Subtest 1	21.96	21.93	21.86	23.00
	Subtest 2	21.46	21.34	21.59	22.50
	Subtest 3	22.48	22.48	22.53	23.50
	Subtest 4	21.49	21.34	21.54	22.50
	Subtest 5	22.45	22.47	22.43	23.50
DC-HSDPA	Subtest 1	23.57	23.51	23.54	24.50
	Subtest 2	23.61	23.48	23.51	24.50
	Subtest 3	22.92	23.00	22.97	24.00
	Subtest 4	22.99	22.96	23.06	24.00
HSPA+	16QAM	21.43	21.33	21.46	22.50

WCDMA Band IV DS11 DS15					
Average Conducted Power(dBm)					
Channel		1312	1412	1513	Tune up
WCDMA	12.2kbps RMC	18.56	18.73	18.53	19.50
	12.2kbps AMR	18.31	18.50	18.33	19.50
HSDPA	Subtest 1	17.55	17.56	17.55	18.50
	Subtest 2	17.57	17.54	17.57	18.50
	Subtest 3	17.13	17.03	17.03	18.00
	Subtest 4	17.09	17.06	17.08	18.00
HSUPA	Subtest 1	16.02	15.98	15.88	17.00
	Subtest 2	15.53	15.40	15.67	16.50
	Subtest 3	16.54	16.48	16.53	17.50
	Subtest 4	15.57	15.40	15.54	16.50
	Subtest 5	16.53	16.52	16.44	17.50
DC-HSDPA	Subtest 1	17.60	17.58	17.61	18.50
	Subtest 2	17.68	17.55	17.59	18.50
	Subtest 3	16.96	17.07	16.99	18.00
	Subtest 4	17.05	16.96	17.12	18.00
HSPA+	16QAM	15.50	15.39	15.47	16.50

WCDMA Band IV DS14					
Average Conducted Power(dBm)					
Channel		1312	1412	1513	Tune up
WCDMA	12.2kbps RMC	22.07	22.21	22.03	23.00
	12.2kbps AMR	21.83	21.98	21.87	23.00
HSDPA	Subtest 1	21.11	21.06	21.10	22.00
	Subtest 2	21.08	21.09	21.05	22.00
	Subtest 3	20.57	20.56	20.53	21.50
	Subtest 4	20.63	20.50	20.60	21.50
HSUPA	Subtest 1	19.49	19.48	19.37	20.50
	Subtest 2	18.96	18.89	19.12	20.00
	Subtest 3	19.99	20.03	20.04	21.00
	Subtest 4	19.04	18.86	19.04	20.00
	Subtest 5	19.95	20.02	19.93	21.00
DC-HSDPA	Subtest 1	21.12	21.02	21.11	22.00
	Subtest 2	21.14	20.98	21.02	22.00
	Subtest 3	20.43	20.56	20.49	21.50
	Subtest 4	20.53	20.47	20.57	21.50
HSPA+	16QAM	18.99	18.84	18.97	20.00

### 3.3 Conducted Power of LTE

LTE Band 2 Full Power				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18607	18900	19193	
1.4MHz	QPSK	1	0	24.70	24.72	24.81	25.70
		1	2	24.70	24.69	24.74	25.70
		1	5	24.69	24.77	24.75	25.70
		3	0	24.71	24.63	24.77	25.70
		3	2	24.75	24.62	24.77	25.70
		3	3	24.67	24.62	24.72	25.70
	16QAM	6	0	23.72	23.72	23.72	24.70
		1	0	23.95	24.02	23.99	24.70
		1	2	24.02	24.13	24.09	24.70
		1	5	24.01	23.95	24.05	24.70
		3	0	23.75	23.68	23.64	24.70
		3	2	23.75	23.73	23.73	24.70
	64QAM	3	3	23.74	23.67	23.67	24.70
		6	0	22.76	22.79	22.74	23.70
		1	0	22.60	22.61	22.50	23.70
		1	2	22.38	22.44	22.52	23.70
		1	5	22.95	22.85	22.96	23.70
		3	0	22.77	22.71	22.70	23.70
	256QAM	3	2	22.75	22.73	22.66	23.70
		3	3	22.76	22.66	22.66	23.70
		6	0	21.73	21.76	21.68	22.70
		1	0	19.61	19.58	19.66	20.70
		1	2	19.60	19.55	19.53	20.70
		1	5	19.80	19.74	19.80	20.70
3MHz	QPSK	3	0	19.55	19.50	19.57	20.70
		3	2	19.36	19.31	19.35	20.70
3		3	19.38	19.38	19.43	20.70	
6		0	19.73	19.73	19.70	20.70	
1		0	24.74	24.74	24.77	25.70	
3MHz	QPSK	1	7	24.74	24.65	24.73	25.70
		1	14	24.72	24.74	24.71	25.70
		8	0	23.63	23.63	23.74	24.70
		8	4	23.70	23.71	23.66	24.70
		8	4	23.70	23.71	23.66	24.70

		8	7	23.73	23.66	23.61	24.70
		15	0	23.70	23.70	23.72	24.70
	16QAM	1	0	23.95	23.98	23.92	24.70
		1	7	24.10	24.10	24.12	24.70
		1	14	24.03	24.03	24.05	24.70
		8	0	22.85	22.74	22.79	23.70
		8	4	22.86	22.79	22.86	23.70
		8	7	22.78	22.67	22.70	23.70
		15	0	22.79	22.79	22.74	23.70
		64QAM	1	0	22.66	22.60	22.50
	1		7	22.41	22.50	22.51	23.70
	1		14	22.90	22.88	22.95	23.70
	8		0	21.87	21.86	21.77	22.70
	8		4	21.70	21.83	21.66	22.70
	8		7	21.77	21.74	21.70	22.70
	15		0	21.72	21.77	21.65	22.70
	256QAM	1	0	19.60	19.61	19.59	20.70
		1	7	19.63	19.58	19.53	20.70
		1	14	19.77	19.75	19.74	20.70
		8	0	19.59	19.56	19.52	20.70
		8	4	19.32	19.35	19.35	20.70
		8	7	19.45	19.31	19.43	20.70
		15	0	19.72	19.74	19.69	20.70
	<b>Bandwidth</b>	<b>Modulation</b>	<b>RB size</b>	<b>RB offset</b>	<b>Channel</b>	<b>Channel</b>	<b>Channel</b>
				18625	18900	19175	
<b>5MHz</b>	QPSK	1	0	24.69	24.74	24.77	25.70
		1	13	24.75	24.68	24.75	25.70
		1	24	24.76	24.72	24.75	25.70
		12	0	23.68	23.68	23.73	24.70
		12	6	23.67	23.65	23.66	24.70
		12	13	23.72	23.63	23.61	24.70
		25	0	23.78	23.72	23.72	24.70
	16QAM	1	0	23.88	24.02	23.95	24.70
		1	13	24.02	24.10	24.13	24.70
		1	24	24.04	23.97	24.00	24.70
		12	0	22.83	22.80	22.72	23.70
		12	6	22.88	22.79	22.88	23.70
		12	13	22.73	22.70	22.70	23.70
		25	0	22.74	22.71	22.70	23.70
	64QAM	1	0	22.67	22.55	22.54	23.70

		1	13	22.39	22.44	22.51	23.70
		1	24	22.92	22.91	22.91	23.70
		12	0	21.91	21.81	21.83	22.70
		12	6	21.71	21.77	21.72	22.70
		12	13	21.76	21.73	21.73	22.70
		25	0	21.69	21.74	21.63	22.70
	256QAM	1	0	19.54	19.59	19.67	20.70
		1	13	19.59	19.56	19.57	20.70
		1	24	19.79	19.75	19.78	20.70
		12	0	19.59	19.52	19.54	20.70
		12	6	19.33	19.37	19.30	20.70
		12	13	19.41	19.32	19.39	20.70
		25	0	19.66	19.70	19.73	20.70
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
18650					18900	19150	
10MHz	QPSK	1	0	24.75	24.72	24.79	25.70
		1	25	24.69	24.64	24.75	25.70
		1	49	24.7	24.73	24.78	25.70
		25	0	23.62	23.68	23.72	24.70
		25	13	23.69	23.71	23.63	24.70
		25	25	23.74	23.65	23.6	24.70
		50	0	23.76	23.67	23.73	24.70
	16QAM	1	0	23.96	23.97	23.95	24.70
		1	25	24.09	24.14	24.12	24.70
		1	49	23.97	23.99	24.06	24.70
		25	0	22.81	22.75	22.74	23.70
		25	13	22.86	22.79	22.87	23.70
		25	25	22.77	22.67	22.71	23.70
		50	0	22.8	22.79	22.71	23.70
	64QAM	1	0	22.59	22.56	22.55	23.70
		1	25	22.43	22.46	22.51	23.70
		1	49	22.89	22.89	22.94	23.70
		25	0	21.89	21.83	21.86	22.70
		25	13	21.77	21.80	21.73	22.70
		25	25	21.77	21.72	21.76	22.70
		50	0	21.77	21.75	21.70	22.70
	256QAM	1	0	19.56	19.64	19.63	20.70
		1	25	19.67	19.56	19.51	20.70
		1	49	19.81	19.75	19.82	20.70
		25	0	19.60	19.57	19.54	20.70

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				18675	18900	19125		
15MHz	QPSK	25	13	19.34	19.38	19.35	20.70	
		25	25	19.45	19.35	19.36	20.70	
		50	0	19.69	19.72	19.69	20.70	
	16QAM	QPSK	1	0	24.70	24.70	24.80	25.70
			1	38	24.72	24.68	24.74	25.70
			1	74	24.69	24.76	24.78	25.70
			36	0	23.68	23.62	23.68	24.70
			36	18	23.71	23.66	23.69	24.70
			36	39	23.76	23.65	23.61	24.70
			75	0	23.75	23.69	23.64	24.70
		16QAM	1	0	23.93	23.99	23.92	24.70
			1	38	24.06	24.06	24.10	24.70
			1	74	24.03	24.00	24.06	24.70
			36	0	22.83	22.79	22.75	23.70
			36	18	22.87	22.83	22.90	23.70
			36	39	22.79	22.71	22.70	23.70
			75	0	22.80	22.74	22.75	23.70
		64QAM	1	0	22.66	22.64	22.54	23.70
			1	38	22.43	22.45	22.46	23.70
			1	74	22.96	22.88	22.93	23.70
			36	0	21.87	21.80	21.80	22.70
			36	18	21.72	21.78	21.71	22.70
			36	39	21.77	21.74	21.72	22.70
			75	0	21.75	21.77	21.71	22.70
	256QAM	1	0	19.59	19.61	19.64	20.70	
		1	38	19.64	19.55	19.56	20.70	
		1	74	19.75	19.77	19.81	20.70	
36		0	19.57	19.56	19.57	20.70		
36		18	19.32	19.33	19.34	20.70		
36		39	19.42	19.38	19.40	20.70		
75		0	19.74	19.77	19.67	20.70		
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				18700	18900	19100		
20MHz	QPSK	1	0	24.81	24.93	24.79	25.70	
		1	50	24.72	24.67	24.77	25.70	
		1	99	24.71	24.70	24.72	25.70	
		50	0	23.78	23.86	23.66	24.70	
		50	25	23.67	23.69	23.63	24.70	

		50	50	23.74	23.64	23.65	24.70
		100	0	23.77	23.81	23.65	24.70
	16QAM	1	0	23.93	24.01	23.96	24.70
		1	50	24.03	24.06	24.10	24.70
		1	99	24.00	24.01	24.06	24.70
		50	0	22.82	22.79	22.80	23.70
		50	25	22.81	22.85	22.86	23.70
		50	50	22.78	22.66	22.65	23.70
		100	0	22.73	22.73	22.74	23.70
		64QAM	1	0	22.62	22.61	22.54
	1		50	22.42	22.50	22.46	23.70
	1		99	22.88	22.88	22.96	23.70
	50		0	21.92	21.86	21.80	22.70
	50		25	21.75	21.79	21.71	22.70
	50		50	21.74	21.71	21.74	22.70
	100		0	21.72	21.75	21.65	22.70
	256QAM	1	0	19.55	19.62	19.66	20.70
		1	50	19.64	19.53	19.59	20.70
		1	99	19.76	19.70	19.77	20.70
		50	0	19.57	19.55	19.59	20.70
		50	25	19.35	19.32	19.27	20.70
		50	50	19.40	19.33	19.40	20.70
		100	0	19.75	19.69	19.66	20.70

LTE Band 2 DSI1 DSI5				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18607	18900	19193	
1.4MHz	QPSK	1	0	18.23	18.28	18.27	19.20
		1	2	18.25	18.31	18.27	19.20
		1	5	18.31	18.27	18.26	19.20
		3	0	18.28	18.27	18.24	19.20
		3	2	18.26	18.26	18.27	19.20
		3	3	18.25	18.22	18.28	19.20
		6	0	18.28	18.23	18.28	19.20
	16QAM	1	0	18.28	18.27	18.29	19.20
		1	2	18.24	18.29	18.29	19.20
		1	5	18.30	18.29	18.22	19.20
		3	0	18.25	18.26	18.23	19.20
		3	2	18.26	18.30	18.26	19.20

		3	3	18.26	18.28	18.24	19.20
		6	0	18.28	18.22	18.22	19.20
	64QAM	1	0	18.27	18.23	18.30	19.20
		1	2	18.25	18.30	18.26	19.20
		1	5	18.29	18.23	18.30	19.20
		3	0	18.30	18.26	18.23	19.20
		3	2	18.23	18.27	18.31	19.20
		3	3	18.27	18.27	18.25	19.20
		6	0	18.28	18.24	18.30	19.20
		256QAM	1	0	18.30	18.29	18.24
	1		2	18.28	18.28	18.24	19.20
	1		5	18.26	18.27	18.28	19.20
	3		0	18.28	18.23	18.29	19.20
	3		2	18.28	18.26	18.27	19.20
	3		3	18.27	18.22	18.25	19.20
6	0		18.26	18.28	18.26	19.20	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18615	18900	19185	
3MHz	QPSK	1	0	18.29	18.28	18.27	19.20
		1	7	18.27	18.26	18.29	19.20
		1	14	18.24	18.24	18.23	19.20
		8	0	18.23	18.24	18.30	19.20
		8	4	18.28	18.31	18.28	19.20
		8	7	18.23	18.23	18.27	19.20
		15	0	18.25	18.23	18.25	19.20
	16QAM	1	0	18.22	18.29	18.27	19.20
		1	7	18.29	18.27	18.24	19.20
		1	14	18.24	18.29	18.28	19.20
		8	0	18.24	18.24	18.30	19.20
		8	4	18.26	18.26	18.31	19.20
		8	7	18.30	18.25	18.23	19.20
		15	0	18.27	18.24	18.25	19.20
	64QAM	1	0	18.26	18.28	18.23	19.20
		1	7	18.30	18.29	18.30	19.20
		1	14	18.27	18.31	18.31	19.20
		8	0	18.23	18.29	18.27	19.20
		8	4	18.31	18.22	18.26	19.20
		8	7	18.26	18.26	18.24	19.20
		15	0	18.24	18.27	18.25	19.20
	256QAM	1	0	18.31	18.30	18.29	19.20



		1	7	18.26	18.30	18.27	19.20
		1	14	18.27	18.30	18.23	19.20
		8	0	18.22	18.26	18.24	19.20
		8	4	18.28	18.29	18.30	19.20
		8	7	18.26	18.31	18.28	19.20
		15	0	18.27	18.26	18.29	19.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18625	18900	19175	
5MHz	QPSK	1	0	18.26	18.28	18.23	19.20
		1	13	18.30	18.25	18.23	19.20
		1	24	18.30	18.27	18.28	19.20
		12	0	18.23	18.26	18.22	19.20
		12	6	18.24	18.24	18.23	19.20
		12	13	18.29	18.30	18.25	19.20
		25	0	18.22	18.22	18.23	19.20
	16QAM	1	0	18.25	18.27	18.23	19.20
		1	13	18.30	18.25	18.28	19.20
		1	24	18.24	18.30	18.29	19.20
		12	0	18.28	18.24	18.28	19.20
		12	6	18.30	18.27	18.27	19.20
		12	13	18.28	18.28	18.24	19.20
		25	0	18.28	18.29	18.30	19.20
	64QAM	1	0	18.27	18.22	18.23	19.20
		1	13	18.25	18.23	18.24	19.20
		1	24	18.27	18.31	18.27	19.20
		12	0	18.25	18.30	18.30	19.20
		12	6	18.29	18.22	18.25	19.20
		12	13	18.26	18.31	18.30	19.20
		25	0	18.23	18.24	18.29	19.20
	256QAM	1	0	18.24	18.26	18.29	19.20
		1	13	18.26	18.25	18.30	19.20
		1	24	18.31	18.25	18.22	19.20
		12	0	18.24	18.26	18.30	19.20
		12	6	18.24	18.28	18.30	19.20
		12	13	18.24	18.29	18.31	19.20
		25	0	18.23	18.26	18.31	19.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18650	18900	19150	
10MHz	QPSK	1	0	18.28	18.25	18.25	19.20
		1	25	18.30	18.30	18.26	19.20

		1	49	18.23	18.24	18.31	19.20	
		25	0	18.23	18.28	18.26	19.20	
		25	13	18.23	18.24	18.25	19.20	
		25	25	18.23	18.30	18.28	19.20	
		50	0	18.29	18.31	18.31	19.20	
	16QAM	1	0	18.24	18.26	18.24	19.20	
		1	25	18.27	18.26	18.25	19.20	
		1	49	18.25	18.26	18.25	19.20	
		25	0	18.24	18.23	18.22	19.20	
		25	13	18.26	18.25	18.30	19.20	
		25	25	18.25	18.23	18.24	19.20	
	64QAM	50	0	18.26	18.24	18.28	19.20	
		1	0	18.29	18.28	18.29	19.20	
		1	25	18.29	18.24	18.28	19.20	
		1	49	18.30	18.23	18.29	19.20	
		25	0	18.25	18.22	18.30	19.20	
		25	13	18.24	18.30	18.23	19.20	
	256QAM	25	25	18.28	18.24	18.30	19.20	
		50	0	18.25	18.23	18.24	19.20	
		1	0	18.30	18.24	18.25	19.20	
		1	25	18.23	18.27	18.30	19.20	
		1	49	18.24	18.23	18.26	19.20	
		25	0	18.29	18.25	18.26	19.20	
	15MHz	QPSK	25	13	18.22	18.29	18.28	19.20
			25	25	18.26	18.25	18.24	19.20
	50		0	18.25	18.25	18.30	19.20	
	16QAM		1	0	18.30	18.26	18.30	19.20
			1	38	18.28	18.30	18.26	19.20
			1	74	18.25	18.29	18.24	19.20
			36	0	18.29	18.24	18.30	19.20
		36	18	18.24	18.28	18.29	19.20	
		36	39	18.26	18.25	18.25	19.20	
		75	0	18.24	18.28	18.31	19.20	
		75	0	18.24	18.28	18.31	19.20	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				18675	18900	19125		

		36	39	18.28	18.28	18.30	19.20
		75	0	18.26	18.24	18.26	19.20
	64QAM	1	0	18.30	18.27	18.23	19.20
		1	38	18.23	18.24	18.23	19.20
		1	74	18.25	18.24	18.23	19.20
		36	0	18.29	18.27	18.30	19.20
		36	18	18.27	18.23	18.24	19.20
		36	39	18.22	18.29	18.28	19.20
		75	0	18.22	18.27	18.24	19.20
	256QAM	1	0	18.26	18.28	18.23	19.20
		1	38	18.23	18.23	18.23	19.20
		1	74	18.30	18.28	18.30	19.20
		36	0	18.25	18.22	18.29	19.20
		36	18	18.27	18.25	18.28	19.20
36		39	18.30	18.29	18.30	19.20	
75		0	18.29	18.24	18.23	19.20	
<b>Bandwidth</b>	<b>Modulation</b>	<b>RB size</b>	<b>RB offset</b>	<b>Channel</b> 18700	<b>Channel</b> 18900	<b>Channel</b> 19100	<b>Tune up</b>
<b>20MHz</b>	QPSK	1	0	18.38	18.45	18.36	19.20
		1	50	18.27	18.28	18.29	19.20
		1	99	18.28	18.25	18.30	19.20
		50	0	18.39	18.41	18.40	19.20
		50	25	18.26	18.28	18.30	19.20
		50	50	18.26	18.31	18.30	19.20
		100	0	18.23	18.43	18.23	19.20
	16QAM	1	0	18.25	18.26	18.30	19.20
		1	50	18.28	18.27	18.23	19.20
		1	99	18.27	18.31	18.22	19.20
		50	0	18.30	18.27	18.28	19.20
		50	25	18.23	18.28	18.25	19.20
		50	50	18.24	18.31	18.30	19.20
		100	0	18.25	18.25	18.31	19.20
	64QAM	1	0	18.28	18.29	18.27	19.20
		1	50	18.22	18.29	18.31	19.20
		1	99	18.26	18.25	18.29	19.20
		50	0	18.29	18.28	18.29	19.20
		50	25	18.27	18.26	18.29	19.20
		50	50	18.22	18.26	18.29	19.20
		100	0	18.23	18.23	18.29	19.20
	256QAM	1	0	18.24	18.25	18.31	19.20

		1	50	18.31	18.26	18.24	19.20
		1	99	18.29	18.24	18.29	19.20
		50	0	18.30	18.26	18.23	19.20
		50	25	18.27	18.31	18.28	19.20
		50	50	18.23	18.23	18.31	19.20
		100	0	18.23	18.24	18.28	19.20

LTE Band 2 DS14				Conducted Power(dBm)				
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				18607	18900	19193		
1.4MHz	QPSK	1	0	21.90	21.96	21.83	22.70	
		1	2	21.80	21.70	21.87	22.70	
		1	5	21.81	21.73	21.85	22.70	
		3	0	21.89	21.91	21.75	22.70	
		3	2	21.84	21.75	21.89	22.70	
		3	3	21.82	21.75	21.86	22.70	
		6	0	21.91	21.93	21.78	22.70	
	16QAM	1	0	21.76	21.69	21.88	22.70	
		1	2	21.75	21.69	21.81	22.70	
		1	5	21.79	21.73	21.85	22.70	
		3	0	21.81	21.66	21.84	22.70	
		3	2	21.78	21.73	21.84	22.70	
		3	3	21.80	21.70	21.89	22.70	
		6	0	21.83	21.75	21.83	22.70	
	64QAM	1	0	21.78	21.68	21.85	22.70	
		1	2	21.80	21.71	21.84	22.70	
		1	5	21.81	21.66	21.86	22.70	
		3	0	21.76	21.73	21.84	22.70	
		3	2	21.79	21.75	21.86	22.70	
		3	3	21.83	21.71	21.89	22.70	
		6	0	21.81	21.71	21.88	22.70	
	256QAM	1	0	19.57	19.66	19.71	20.70	
		1	2	19.64	19.50	19.55	20.70	
		1	5	19.75	19.72	19.79	20.70	
		3	0	19.58	19.60	19.59	20.70	
		3	2	19.36	19.29	19.31	20.70	
		3	3	19.36	19.34	19.41	20.70	
		6	0	19.78	19.65	19.65	20.70	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up

				18615	18900	19185	
<b>3MHz</b>	QPSK	1	0	21.91	21.92	21.80	22.70
		1	7	21.78	21.71	21.82	22.70
		1	14	21.80	21.67	21.84	22.70
		8	0	21.85	21.94	21.78	22.70
		8	4	21.83	21.73	21.89	22.70
		8	7	21.77	21.71	21.87	22.70
		15	0	21.85	21.91	21.81	22.70
	16QAM	1	0	21.83	21.71	21.81	22.70
		1	7	21.77	21.68	21.83	22.70
		1	14	21.82	21.67	21.84	22.70
		8	0	21.79	21.69	21.84	22.70
		8	4	21.84	21.68	21.81	22.70
		8	7	21.78	21.75	21.84	22.70
		15	0	21.82	21.73	21.89	22.70
	64QAM	1	0	21.80	21.68	21.81	22.70
		1	7	21.79	21.66	21.83	22.70
		1	14	21.81	21.67	21.82	22.70
		8	0	21.80	21.70	21.86	22.70
		8	4	21.79	21.71	21.84	22.70
		8	7	21.76	21.70	21.82	22.70
		15	0	21.83	21.74	21.82	22.70
	256QAM	1	0	19.51	19.60	19.63	20.70
		1	7	19.64	19.58	19.57	20.70
		1	14	19.74	19.69	19.74	20.70
		8	0	19.53	19.58	19.64	20.70
		8	4	19.35	19.28	19.26	20.70
		8	7	19.43	19.35	19.40	20.70
		15	0	19.71	19.68	19.63	20.70
<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	21.89	21.89	21.83	22.70
		1	13	21.81	21.68	21.87	22.70
		1	24	21.78	21.72	21.86	22.70
		12	0	21.90	21.89	21.82	22.70
		12	6	21.83	21.66	21.86	22.70
		12	13	21.80	21.68	21.82	22.70
		25	0	21.87	21.97	21.78	22.70
	16QAM	1	0	21.81	21.67	21.88	22.70
		1	13	21.82	21.68	21.89	22.70

		1	24	21.77	21.73	21.89	22.70	
		12	0	21.79	21.67	21.88	22.70	
		12	6	21.79	21.66	21.85	22.70	
		12	13	21.79	21.68	21.85	22.70	
		25	0	21.79	21.68	21.83	22.70	
	64QAM	1	0	21.83	21.69	21.88	22.70	
		1	13	21.78	21.71	21.84	22.70	
		1	24	21.82	21.67	21.84	22.70	
		12	0	21.84	21.69	21.85	22.70	
		12	6	21.78	21.68	21.83	22.70	
		12	13	21.83	21.71	21.86	22.70	
	256QAM	25	0	21.79	21.69	21.88	22.70	
		1	0	19.55	19.59	19.65	20.70	
		1	13	19.68	19.51	19.60	20.70	
		1	24	19.77	19.68	19.81	20.70	
		12	0	19.57	19.56	19.58	20.70	
		12	6	19.33	19.32	19.30	20.70	
			12	13	19.37	19.34	19.41	20.70
			25	0	19.77	19.72	19.68	20.70
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					18650	18900	19150	
10MHz	QPSK	1	0	21.89	21.89	21.80	22.70	
		1	25	21.81	21.72	21.86	22.70	
		1	49	21.80	21.72	21.86	22.70	
		25	0	21.87	21.89	21.77	22.70	
		25	13	21.75	21.70	21.84	22.70	
		25	25	21.79	21.69	21.89	22.70	
		50	0	21.90	21.92	21.78	22.70	
	16QAM	1	0	21.83	21.67	21.89	22.70	
		1	25	21.78	21.70	21.81	22.70	
		1	49	21.78	21.73	21.83	22.70	
		25	0	21.76	21.70	21.81	22.70	
		25	13	21.79	21.74	21.84	22.70	
		25	25	21.80	21.74	21.82	22.70	
		50	0	21.76	21.74	21.83	22.70	
	64QAM	1	0	21.83	21.68	21.87	22.70	
		1	25	21.76	21.71	21.85	22.70	
		1	49	21.78	21.68	21.86	22.70	
		25	0	21.83	21.70	21.84	22.70	
		25	13	21.76	21.74	21.86	22.70	

		25	25	21.79	21.71	21.88	22.70
		50	0	21.77	21.68	21.82	22.70
	256QAM	1	0	19.52	19.66	19.64	20.70
		1	25	19.63	19.52	19.58	20.70
		1	49	19.73	19.66	19.76	20.70
		25	0	19.55	19.51	19.57	20.70
		25	13	19.32	19.31	19.30	20.70
		25	25	19.40	19.38	19.37	20.70
		50	0	19.75	19.68	19.67	20.70
<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	21.90	21.97	21.75	22.70
		1	38	21.75	21.68	21.82	22.70
		1	74	21.78	21.69	21.84	22.70
		36	0	21.94	21.96	21.79	22.70
		36	18	21.75	21.66	21.86	22.70
		36	39	21.79	21.67	21.87	22.70
		75	0	21.93	21.97	21.77	22.70
	16QAM	1	0	21.79	21.68	21.82	22.70
		1	38	21.78	21.69	21.85	22.70
		1	74	21.82	21.69	21.85	22.70
		36	0	21.75	21.74	21.89	22.70
		36	18	21.83	21.67	21.85	22.70
		36	39	21.83	21.73	21.82	22.70
		75	0	21.76	21.67	21.83	22.70
	64QAM	1	0	21.77	21.73	21.89	22.70
		1	38	21.83	21.71	21.83	22.70
		1	74	21.81	21.67	21.83	22.70
		36	0	21.81	21.73	21.85	22.70
		36	18	21.83	21.72	21.89	22.70
		36	39	21.79	21.71	21.88	22.70
		75	0	21.77	21.69	21.89	22.70
	256QAM	1	0	19.58	19.64	19.64	20.70
		1	38	19.65	19.52	19.61	20.70
		1	74	19.79	19.66	19.75	20.70
		36	0	19.55	19.55	19.61	20.70
		36	18	19.34	19.35	19.29	20.70
		36	39	19.38	19.31	19.42	20.70
		75	0	19.80	19.69	19.69	20.70
<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>	<b>QPSK</b>	1	0	21.90	22.02	21.99	22.70
		1	50	21.77	21.74	21.84	22.70
		1	99	21.79	21.67	21.87	22.70
		50	0	21.90	21.93	21.89	22.70
		50	25	21.78	21.67	21.82	22.70
		50	50	21.81	21.75	21.81	22.70
		100	0	21.94	21.96	21.77	22.70
	<b>16QAM</b>	1	0	21.76	21.74	21.83	22.70
		1	50	21.77	21.72	21.87	22.70
		1	99	21.83	21.74	21.87	22.70
		50	0	21.84	21.73	21.81	22.70
		50	25	21.77	21.72	21.85	22.70
		50	50	21.83	21.74	21.84	22.70
		100	0	21.81	21.69	21.81	22.70
	<b>64QAM</b>	1	0	21.78	21.66	21.89	22.70
		1	50	21.81	21.71	21.81	22.70
		1	99	21.81	21.72	21.84	22.70
		50	0	21.77	21.71	21.90	22.70
		50	25	21.81	21.68	21.90	22.70
		50	50	21.79	21.68	21.83	22.70
		100	0	21.82	21.70	21.82	22.70
	<b>256QAM</b>	1	0	19.56	19.61	19.70	20.70
		1	50	19.68	19.58	19.55	20.70
		1	99	19.81	19.73	19.79	20.70
		50	0	19.54	19.53	19.59	20.70
		50	25	19.37	19.30	19.27	20.70
		50	50	19.43	19.32	19.36	20.70
		100	0	19.72	19.71	19.63	20.70

<b>LTE Band 4 Full Power</b>				<b>Conducted Power(dBm)</b>			
<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>
				19957	20175	20393	
<b>1.4MHz</b>	<b>QPSK</b>	1	0	25.22	25.22	25.25	25.70
		1	2	25.22	25.20	25.17	25.70
		1	5	25.17	25.22	25.22	25.70
		3	0	25.18	25.26	25.17	25.70
		3	2	25.19	25.23	25.17	25.70
		3	3	25.25	25.23	25.11	25.70



	16QAM	6	0	24.26	24.27	24.18	24.70	
		1	0	24.37	24.45	24.47	24.70	
		1	2	24.58	24.61	24.64	24.70	
		1	5	24.49	24.45	24.47	24.70	
		3	0	24.50	24.51	24.48	24.70	
		3	2	24.46	24.49	24.49	24.70	
		3	3	24.49	24.51	24.56	24.70	
		6	0	23.25	23.23	23.28	23.70	
	64QAM	1	0	23.10	23.10	23.10	23.70	
		1	2	22.94	22.89	23.01	23.70	
		1	5	23.45	23.46	23.41	23.70	
		3	0	23.15	23.07	23.06	23.70	
		3	2	23.14	23.06	23.02	23.70	
		3	3	23.11	23.14	23.06	23.70	
		6	0	22.21	22.27	22.24	22.70	
	256QAM	1	0	20.12	20.10	20.09	20.70	
		1	2	20.14	20.10	20.02	20.70	
		1	5	20.29	20.29	20.19	20.70	
		3	0	20.09	20.09	20.04	20.70	
		3	2	19.79	19.83	19.80	20.70	
		3	3	19.95	19.96	19.83	20.70	
		6	0	20.18	20.18	20.21	20.70	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					19965	20175	20385	
	3MHz	QPSK	1	0	25.23	25.17	25.20	25.70
			1	7	25.22	25.24	25.18	25.70
			1	14	25.24	25.24	25.22	25.70
			8	0	24.19	24.11	24.10	24.70
8			4	24.19	24.12	24.16	24.70	
8			7	24.20	24.22	24.09	24.70	
15			0	24.25	24.29	24.16	24.70	
16QAM		1	0	24.41	24.43	24.54	24.70	
		1	7	24.56	24.58	24.56	24.70	
		1	14	24.47	24.54	24.45	24.70	
		8	0	23.32	23.36	23.30	23.70	
		8	4	23.36	23.32	23.34	23.70	
		8	7	23.28	23.25	23.20	23.70	
		15	0	23.25	23.28	23.26	23.70	
64QAM		1	0	23.16	23.14	23.06	23.70	
		1	7	22.95	22.93	22.99	23.70	

		1	14	23.41	23.45	23.33	23.70
		8	0	22.41	22.38	22.36	22.70
		8	4	22.27	22.21	22.31	22.70
		8	7	22.23	22.25	22.22	22.70
		15	0	22.26	22.22	22.26	22.70
	256QAM	1	0	20.07	20.04	20.12	20.70
		1	7	20.12	20.13	20.03	20.70
		1	14	20.34	20.33	20.28	20.70
		8	0	20.12	20.09	20.05	20.70
		8	4	19.82	19.84	19.81	20.70
		8	7	19.91	19.91	19.83	20.70
	15	0	20.16	20.24	20.21	20.70	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
19975					20175	20375	
5MHz	QPSK	1	0	25.20	25.26	25.19	25.70
		1	13	25.26	25.21	25.15	25.70
		1	24	25.26	25.22	25.19	25.70
		12	0	24.17	24.15	24.10	24.70
		12	6	24.12	24.19	24.21	24.70
		12	13	24.20	24.26	24.17	24.70
		25	0	24.23	24.23	24.23	24.70
	16QAM	1	0	24.41	24.44	24.47	24.70
		1	13	24.57	24.57	24.63	24.70
		1	24	24.54	24.49	24.48	24.70
		12	0	23.36	23.33	23.28	23.70
		12	6	23.31	23.35	23.30	23.70
		12	13	23.23	23.22	23.18	23.70
		25	0	23.29	23.25	23.30	23.70
	64QAM	1	0	23.13	23.14	23.10	23.70
		1	13	22.95	22.90	23.00	23.70
		1	24	23.38	23.44	23.41	23.70
		12	0	22.42	22.36	22.30	22.70
		12	6	22.21	22.25	22.29	22.70
		12	13	22.23	22.29	22.22	22.70
		25	0	22.23	22.26	22.27	22.70
	256QAM	1	0	20.07	20.10	20.11	20.70
		1	13	20.13	20.17	20.06	20.70
		1	24	20.31	20.33	20.22	20.70
		12	0	20.10	20.06	20.02	20.70
		12	6	19.79	19.82	19.87	20.70

Bandwidth	Modulation	12	13	19.89	19.95	19.81	20.70	
		25	0	20.25	20.22	20.25	20.70	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				20000	20175	20350		
10MHz	QPSK	1	0	25.26	25.18	25.19	25.70	
		1	25	25.24	25.26	25.17	25.70	
		1	49	25.23	25.22	25.23	25.70	
		25	0	24.11	24.15	24.16	24.70	
		25	13	24.14	24.20	24.19	24.70	
		25	25	24.27	24.27	24.13	24.70	
		50	0	24.24	24.22	24.21	24.70	
	16QAM	1	0	24.45	24.45	24.50	24.70	
		1	25	24.56	24.59	24.61	24.70	
		1	49	24.52	24.53	24.48	24.70	
		25	0	23.34	23.36	23.31	23.70	
		25	13	23.32	23.31	23.31	23.70	
		25	25	23.25	23.28	23.14	23.70	
		50	0	23.24	23.30	23.26	23.70	
	64QAM	1	0	23.14	23.15	23.14	23.70	
		1	25	22.93	22.90	22.96	23.70	
		1	49	23.40	23.40	23.36	23.70	
		25	0	22.42	22.38	22.36	22.70	
		25	13	22.22	22.26	22.28	22.70	
		25	25	22.27	22.25	22.19	22.70	
		50	0	22.27	22.21	22.27	22.70	
	256QAM	1	0	20.07	20.04	20.06	20.70	
		1	25	20.17	20.13	20.08	20.70	
		1	49	20.30	20.29	20.20	20.70	
		25	0	20.07	20.04	20.01	20.70	
		25	13	19.83	19.84	19.84	20.70	
		25	25	19.92	19.94	19.82	20.70	
		50	0	20.18	20.25	20.27	20.70	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					20025	20175	20325	
15MHz	QPSK	1	0	25.19	25.26	25.24	25.70	
		1	38	25.22	25.19	25.17	25.70	
		1	74	25.17	25.18	25.20	25.70	
		36	0	24.14	24.12	24.13	24.70	
		36	18	24.15	24.17	24.19	24.70	
		36	39	24.23	24.25	24.17	24.70	

	16QAM	75	0	24.23	24.24	24.17	24.70	
		1	0	24.46	24.43	24.54	24.70	
		1	38	24.56	24.56	24.55	24.70	
		1	74	24.51	24.46	24.46	24.70	
		36	0	23.37	23.31	23.30	23.70	
		36	18	23.36	23.35	23.34	23.70	
		36	39	23.27	23.28	23.21	23.70	
	75	0	23.23	23.28	23.29	23.70		
	64QAM	1	0	23.13	23.16	23.12	23.70	
		1	38	22.88	22.88	22.94	23.70	
		1	74	23.39	23.46	23.41	23.70	
		36	0	22.39	22.41	22.37	22.70	
		36	18	22.21	22.24	22.25	22.70	
		36	39	22.28	22.29	22.21	22.70	
		75	0	22.24	22.28	22.22	22.70	
	256QAM	1	0	20.04	20.07	20.08	20.70	
		1	38	20.15	20.11	20.04	20.70	
		1	74	20.29	20.31	20.22	20.70	
		36	0	20.04	20.12	20.04	20.70	
		36	18	19.81	19.85	19.88	20.70	
		36	39	19.89	19.96	19.87	20.70	
		75	0	20.19	20.22	20.21	20.70	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					20050	20175	20300	
	20MHz	QPSK	1	0	25.28	25.37	25.32	25.70
			1	50	25.19	25.22	25.10	25.70
			1	99	25.19	25.17	25.26	25.70
			50	0	24.23	24.34	24.23	24.70
50			25	24.20	24.20	24.20	24.70	
50			50	24.22	24.25	24.14	24.70	
100			0	24.24	24.26	24.18	24.70	
16QAM		1	0	24.37	24.41	24.53	24.70	
		1	50	24.57	24.57	24.57	24.70	
		1	99	24.54	24.53	24.47	24.70	
		50	0	23.32	23.35	23.28	23.70	
		50	25	23.36	23.39	23.35	23.70	
		50	50	23.27	23.25	23.19	23.70	
		100	0	23.26	23.24	23.29	23.70	
64QAM		1	0	23.13	23.14	23.06	23.70	
		1	50	22.95	22.94	22.98	23.70	

		1	99	23.40	23.39	23.37	23.70
		50	0	22.36	22.42	22.34	22.70
		50	25	22.21	22.23	22.29	22.70
		50	50	22.25	22.30	22.21	22.70
		100	0	22.26	22.26	22.22	22.70
	256QAM	1	0	20.06	20.10	20.07	20.70
		1	50	20.11	20.10	20.04	20.70
		1	99	20.32	20.27	20.20	20.70
		50	0	20.08	20.11	20.02	20.70
		50	25	19.87	19.85	19.87	20.70
		50	50	19.93	19.96	19.86	20.70
		100	0	20.24	20.19	20.19	20.70

LTE Band 4 DS11 DS15				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19957	20175	20393	
1.4MHz	QPSK	1	0	18.37	18.48	18.46	18.70
		1	2	18.38	18.45	18.39	18.70
		1	5	18.41	18.51	18.39	18.70
		3	0	18.40	18.45	18.38	18.70
		3	2	18.41	18.43	18.43	18.70
		3	3	18.37	18.47	18.43	18.70
		6	0	18.36	18.44	18.46	18.70
	16QAM	1	0	18.36	18.50	18.42	18.70
		1	2	18.42	18.51	18.44	18.70
		1	5	18.37	18.52	18.47	18.70
		3	0	18.40	18.43	18.39	18.70
		3	2	18.39	18.43	18.42	18.70
		3	3	18.35	18.49	18.44	18.70
		6	0	18.34	18.49	18.43	18.70
	64QAM	1	0	18.36	18.46	18.43	18.70
		1	2	18.37	18.49	18.42	18.70
		1	5	18.36	18.45	18.39	18.70
		3	0	18.39	18.48	18.44	18.70
		3	2	18.38	18.51	18.43	18.70
		3	3	18.35	18.52	18.46	18.70
		6	0	18.39	18.49	18.41	18.70
	256QAM	1	0	18.38	18.49	18.46	18.70
		1	2	18.42	18.47	18.41	18.70

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				19965	20175	20385		
3MHz	QPSK	1	5	18.36	18.48	18.46	18.70	
		3	0	18.38	18.51	18.44	18.70	
		3	2	18.35	18.45	18.42	18.70	
		3	3	18.41	18.46	18.43	18.70	
		6	0	18.40	18.46	18.42	18.70	
	16QAM	16QAM	1	0	18.36	18.45	18.41	18.70
			1	7	18.39	18.52	18.40	18.70
			1	14	18.34	18.46	18.41	18.70
			8	0	18.39	18.44	18.40	18.70
			8	4	18.36	18.45	18.47	18.70
			8	7	18.36	18.50	18.41	18.70
			15	0	18.34	18.44	18.41	18.70
	64QAM	64QAM	1	0	18.39	18.43	18.45	18.70
			1	7	18.37	18.48	18.39	18.70
			1	14	18.39	18.44	18.46	18.70
			8	0	18.34	18.48	18.42	18.70
			8	4	18.39	18.49	18.39	18.70
			8	7	18.41	18.50	18.41	18.70
			15	0	18.35	18.46	18.38	18.70
	256QAM	256QAM	1	0	18.34	18.52	18.38	18.70
			1	7	18.39	18.46	18.41	18.70
			1	14	18.40	18.51	18.41	18.70
			8	0	18.37	18.46	18.40	18.70
			8	4	18.41	18.47	18.39	18.70
			8	7	18.34	18.46	18.43	18.70
15			0	18.38	18.43	18.41	18.70	
5MHz	QPSK	1	0	18.35	18.51	18.46	18.70	
		1	7	18.37	18.51	18.46	18.70	
1		14	18.35	18.52	18.39	18.70		
5MHz	QPSK	8	0	18.36	18.46	18.46	18.70	
		8	4	18.37	18.45	18.42	18.70	
		8	7	18.36	18.43	18.44	18.70	
5MHz	QPSK	15	0	18.42	18.46	18.47	18.70	
		1	0	18.37	18.50	18.40	18.70	
		1	13	18.36	18.51	18.46	18.70	
5MHz	QPSK	1	24	18.42	18.50	18.44	18.70	
		1	13	18.36	18.51	18.46	18.70	
		1	24	18.42	18.50	18.44	18.70	

		12	0	18.38	18.44	18.44	18.70	
		12	6	18.36	18.47	18.39	18.70	
		12	13	18.39	18.51	18.46	18.70	
		25	0	18.43	18.43	18.46	18.70	
	16QAM	1	0	18.43	18.45	18.38	18.70	
		1	13	18.40	18.50	18.46	18.70	
		1	24	18.43	18.43	18.39	18.70	
		12	0	18.34	18.49	18.42	18.70	
		12	6	18.42	18.48	18.47	18.70	
		12	13	18.37	18.50	18.38	18.70	
		25	0	18.38	18.49	18.38	18.70	
	64QAM	1	0	18.37	18.48	18.41	18.70	
		1	13	18.38	18.50	18.40	18.70	
		1	24	18.42	18.44	18.40	18.70	
		12	0	18.41	18.44	18.44	18.70	
		12	6	18.41	18.50	18.45	18.70	
		12	13	18.42	18.49	18.40	18.70	
		25	0	18.36	18.51	18.45	18.70	
	256QAM	1	0	18.42	18.46	18.42	18.70	
		1	13	18.41	18.44	18.40	18.70	
		1	24	18.40	18.52	18.46	18.70	
		12	0	18.36	18.45	18.41	18.70	
		12	6	18.39	18.46	18.42	18.70	
		12	13	18.42	18.50	18.42	18.70	
		25	0	18.41	18.45	18.44	18.70	
	<b>Bandwidth</b>	<b>Modulation</b>	<b>RB size</b>	<b>RB offset</b>	<b>Channel</b>	<b>Channel</b>	<b>Channel</b>	<b>Tune up</b>
					20000	20175	20350	
	<b>10MHz</b>	QPSK	1	0	18.42	18.51	18.38	18.70
1			25	18.40	18.45	18.45	18.70	
1			49	18.43	18.49	18.41	18.70	
25			0	18.39	18.51	18.43	18.70	
25			13	18.40	18.43	18.47	18.70	
25			25	18.40	18.43	18.43	18.70	
50			0	18.35	18.44	18.41	18.70	
16QAM		1	0	18.35	18.50	18.39	18.70	
		1	25	18.36	18.44	18.46	18.70	
		1	49	18.42	18.45	18.40	18.70	
		25	0	18.38	18.51	18.41	18.70	
		25	13	18.39	18.49	18.39	18.70	
		25	25	18.42	18.43	18.40	18.70	
		25	25	18.42	18.43	18.40	18.70	

		50	0	18.37	18.47	18.40	18.70
	64QAM	1	0	18.41	18.45	18.38	18.70
		1	25	18.39	18.48	18.39	18.70
		1	49	18.34	18.45	18.41	18.70
		25	0	18.41	18.51	18.46	18.70
		25	13	18.42	18.49	18.45	18.70
		25	25	18.35	18.45	18.42	18.70
		50	0	18.41	18.44	18.40	18.70
	256QAM	1	0	18.40	18.48	18.40	18.70
		1	25	18.40	18.43	18.39	18.70
		1	49	18.41	18.51	18.39	18.70
		25	0	18.36	18.47	18.45	18.70
		25	13	18.34	18.45	18.42	18.70
		25	25	18.43	18.48	18.45	18.70
		50	0	18.35	18.51	18.44	18.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20025	20175	20325	
15MHz	QPSK	1	0	18.34	18.47	18.43	18.70
		1	38	18.36	18.44	18.40	18.70
		1	74	18.39	18.45	18.43	18.70
		36	0	18.43	18.46	18.46	18.70
		36	18	18.41	18.51	18.41	18.70
		36	39	18.34	18.50	18.45	18.70
		75	0	18.42	18.45	18.47	18.70
	16QAM	1	0	18.35	18.49	18.40	18.70
		1	38	18.35	18.44	18.43	18.70
		1	74	18.37	18.46	18.38	18.70
		36	0	18.37	18.51	18.38	18.70
		36	18	18.39	18.52	18.47	18.70
		36	39	18.38	18.51	18.38	18.70
		75	0	18.39	18.47	18.45	18.70
	64QAM	1	0	18.40	18.49	18.46	18.70
		1	38	18.43	18.46	18.41	18.70
		1	74	18.37	18.47	18.42	18.70
		36	0	18.38	18.46	18.41	18.70
		36	18	18.38	18.44	18.42	18.70
		36	39	18.41	18.47	18.39	18.70
		75	0	18.36	18.51	18.44	18.70
	256QAM	1	0	18.42	18.47	18.39	18.70
		1	38	18.40	18.43	18.46	18.70



Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up		
				20050	20175	20300			
20MHz		1	74	18.35	18.52	18.44	18.70		
		36	0	18.37	18.49	18.41	18.70		
		36	18	18.39	18.50	18.47	18.70		
		36	39	18.37	18.44	18.42	18.70		
		75	0	18.37	18.48	18.45	18.70		
	QPSK		1	0	18.54	18.55	18.53	18.70	
			1	50	18.43	18.47	18.42	18.70	
			1	99	18.34	18.51	18.47	18.70	
			50	0	18.46	18.50	18.49	18.70	
			50	25	18.38	18.44	18.46	18.70	
			50	50	18.42	18.43	18.40	18.70	
			100	0	18.39	18.53	18.46	18.70	
		16QAM		1	0	18.38	18.45	18.41	18.70
				1	50	18.36	18.51	18.42	18.70
				1	99	18.39	18.50	18.44	18.70
				50	0	18.42	18.48	18.40	18.70
				50	25	18.40	18.49	18.40	18.70
				50	50	18.36	18.48	18.46	18.70
				100	0	18.37	18.50	18.40	18.70
		64QAM		1	0	18.42	18.48	18.42	18.70
				1	50	18.37	18.44	18.39	18.70
				1	99	18.43	18.47	18.47	18.70
				50	0	18.41	18.44	18.44	18.70
				50	25	18.34	18.50	18.47	18.70
				50	50	18.43	18.46	18.39	18.70
				100	0	18.36	18.46	18.38	18.70
		256QAM		1	0	18.40	18.46	18.40	18.70
				1	50	18.34	18.45	18.47	18.70
				1	99	18.37	18.48	18.46	18.70
	50			0	18.38	18.50	18.41	18.70	
	50			25	18.35	18.47	18.46	18.70	
	50			50	18.42	18.44	18.38	18.70	
100	0			18.41	18.49	18.41	18.70		

LTE Band 4 DS14				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19957	20175	20393	
1.4MHz	QPSK	1	0	22.33	22.42	22.38	22.70
		1	2	22.18	22.25	22.28	22.70
		1	5	22.29	22.29	22.21	22.70
		3	0	22.36	22.39	22.34	22.70
		3	2	22.19	22.23	22.30	22.70
		3	3	22.27	22.32	22.26	22.70
		6	0	22.32	22.44	22.36	22.70
	16QAM	1	0	22.19	22.20	22.33	22.70
		1	2	22.23	22.24	22.30	22.70
		1	5	22.23	22.27	22.28	22.70
		3	0	22.19	22.22	22.29	22.70
		3	2	22.20	22.22	22.33	22.70
		3	3	22.18	22.23	22.29	22.70
		6	0	22.23	22.19	22.28	22.70
	64QAM	1	0	22.23	22.23	22.34	22.70
		1	2	22.18	22.21	22.29	22.70
		1	5	22.19	22.22	22.30	22.70
		3	0	22.18	22.20	22.27	22.70
		3	2	22.18	22.24	22.33	22.70
		3	3	22.25	22.23	22.28	22.70
		6	0	22.18	22.24	22.30	22.70
	256QAM	1	0	20.07	20.13	20.06	20.70
		1	2	20.10	20.11	20.05	20.70
		1	5	20.34	20.32	20.25	20.70
		3	0	20.04	20.10	20.05	20.70
		3	2	19.85	19.82	19.87	20.70
		3	3	19.92	19.92	19.83	20.70
		6	0	20.22	20.24	20.18	20.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
3MHz	QPSK	1	0	22.37	22.47	22.31	22.70
		1	7	22.17	22.20	22.26	22.70
		1	14	22.24	22.32	22.22	22.70
		8	0	22.40	22.39	22.37	22.70
		8	4	22.24	22.25	22.25	22.70
		8	7	22.30	22.26	22.17	22.70
						19965	20175

	16QAM	15	0	22.39	22.41	22.37	22.70	
		1	0	22.24	22.23	22.27	22.70	
		1	7	22.22	22.27	22.27	22.70	
		1	14	22.24	22.27	22.28	22.70	
		8	0	22.26	22.19	22.28	22.70	
		8	4	22.24	22.22	22.32	22.70	
		8	7	22.23	22.26	22.26	22.70	
	15	0	22.24	22.22	22.31	22.70		
	64QAM	1	0	22.17	22.26	22.33	22.70	
		1	7	22.26	22.27	22.29	22.70	
		1	14	22.19	22.21	22.34	22.70	
		8	0	22.20	22.27	22.30	22.70	
		8	4	22.26	22.22	22.30	22.70	
		8	7	22.19	22.25	22.34	22.70	
		15	0	22.26	22.24	22.28	22.70	
	256QAM	1	0	20.08	20.11	20.09	20.70	
		1	7	20.14	20.15	20.05	20.70	
		1	14	20.32	20.29	20.22	20.70	
		8	0	20.11	20.10	20.04	20.70	
		8	4	19.87	19.82	19.91	20.70	
		8	7	19.93	19.97	19.89	20.70	
		15	0	20.25	20.17	20.18	20.70	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					19975	20175	20375	
	5MHz	QPSK	1	0	22.33	22.44	22.37	22.70
			1	13	22.25	22.22	22.33	22.70
			1	24	22.29	22.28	22.19	22.70
			12	0	22.38	22.41	22.35	22.70
12			6	22.24	22.26	22.26	22.70	
12			13	22.23	22.32	22.18	22.70	
25			0	22.36	22.44	22.32	22.70	
16QAM		1	0	22.21	22.22	22.32	22.70	
		1	13	22.19	22.23	22.30	22.70	
		1	24	22.18	22.28	22.30	22.70	
		12	0	22.18	22.26	22.33	22.70	
		12	6	22.22	22.26	22.31	22.70	
		12	13	22.25	22.20	22.29	22.70	
		25	0	22.22	22.22	22.33	22.70	
64QAM		1	0	22.19	22.27	22.31	22.70	
		1	13	22.23	22.20	22.25	22.70	

		1	24	22.23	22.27	22.28	22.70
		12	0	22.18	22.20	22.33	22.70
		12	6	22.20	22.21	22.34	22.70
		12	13	22.23	22.23	22.29	22.70
		25	0	22.17	22.23	22.27	22.70
	256QAM	1	0	20.04	20.11	20.12	20.70
		1	13	20.10	20.08	20.05	20.70
		1	24	20.37	20.30	20.19	20.70
		12	0	20.09	20.09	20.02	20.70
		12	6	19.92	19.83	19.85	20.70
		12	13	19.96	19.96	19.85	20.70
	25	0	20.28	20.23	20.18	20.70	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
20000					20175	20350	
10MHz	QPSK	1	0	22.37	22.42	22.37	22.70
		1	25	22.24	22.20	22.31	22.70
		1	49	22.25	22.27	22.25	22.70
		25	0	22.33	22.42	22.38	22.70
		25	13	22.24	22.26	22.26	22.70
		25	25	22.25	22.35	22.19	22.70
		50	0	22.41	22.47	22.33	22.70
	16QAM	1	0	22.23	22.26	22.26	22.70
		1	25	22.24	22.24	22.29	22.70
		1	49	22.24	22.21	22.28	22.70
		25	0	22.21	22.25	22.30	22.70
		25	13	22.19	22.23	22.27	22.70
		25	25	22.22	22.22	22.25	22.70
		50	0	22.20	22.24	22.29	22.70
	64QAM	1	0	22.23	22.25	22.27	22.70
		1	25	22.22	22.24	22.25	22.70
		1	49	22.25	22.20	22.32	22.70
		25	0	22.17	22.22	22.26	22.70
		25	13	22.25	22.25	22.25	22.70
		25	25	22.24	22.25	22.26	22.70
		50	0	22.22	22.21	22.27	22.70
	256QAM	1	0	20.05	20.09	20.12	20.70
		1	25	20.09	20.09	20.04	20.70
		1	49	20.36	20.28	20.21	20.70
		25	0	20.12	20.11	20.05	20.70
		25	13	19.88	19.85	19.87	20.70

Bandwidth	Modulation	25	25	19.95	20.00	19.91	20.70	
		50	0	20.22	20.19	20.17	20.70	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				20025	20175	20325		
15MHz	QPSK	1	0	22.38	22.41	22.32	22.70	
		1	38	22.25	22.22	22.32	22.70	
		1	74	22.29	22.28	22.20	22.70	
		36	0	22.34	22.39	22.33	22.70	
		36	18	22.24	22.24	22.25	22.70	
		36	39	22.25	22.31	22.22	22.70	
		75	0	22.35	22.40	22.34	22.70	
	16QAM	1	0	22.25	22.19	22.29	22.70	
		1	38	22.26	22.24	22.28	22.70	
		1	74	22.26	22.24	22.29	22.70	
		36	0	22.21	22.22	22.31	22.70	
		36	18	22.21	22.23	22.28	22.70	
		36	39	22.20	22.23	22.31	22.70	
		75	0	22.23	22.24	22.29	22.70	
	64QAM	1	0	22.21	22.23	22.32	22.70	
		1	38	22.22	22.25	22.34	22.70	
		1	74	22.17	22.25	22.29	22.70	
		36	0	22.22	22.26	22.31	22.70	
		36	18	22.22	22.27	22.33	22.70	
		36	39	22.23	22.25	22.33	22.70	
		75	0	22.19	22.22	22.33	22.70	
	256QAM	1	0	20.07	20.07	20.04	20.70	
		1	38	20.10	20.07	20.07	20.70	
		1	74	20.30	20.25	20.21	20.70	
		36	0	20.08	20.11	20.01	20.70	
		36	18	19.89	19.84	19.85	20.70	
		36	39	19.95	19.97	19.84	20.70	
		75	0	20.28	20.23	20.21	20.70	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
	20MHz	QPSK	1	0	22.37	22.53	22.43	22.70
1			50	22.23	22.27	22.30	22.70	
1			99	22.21	22.28	22.26	22.70	
50			0	22.34	22.39	22.33	22.70	
50			25	22.22	22.19	22.32	22.70	
50			50	22.25	22.34	22.22	22.70	
						20050	20175	20300

		100	0	22.30	22.38	22.32	22.70
	16QAM	1	0	22.24	22.25	22.30	22.70
		1	50	22.21	22.25	22.27	22.70
		1	99	22.20	22.21	22.29	22.70
		50	0	22.25	22.20	22.30	22.70
		50	25	22.25	22.27	22.33	22.70
		50	50	22.20	22.28	22.28	22.70
		100	0	22.18	22.27	22.28	22.70
	64QAM	1	0	22.24	22.20	22.27	22.70
		1	50	22.18	22.21	22.34	22.70
		1	99	22.19	22.27	22.33	22.70
		50	0	22.24	22.22	22.27	22.70
		50	25	22.17	22.26	22.27	22.70
		50	50	22.24	22.22	22.32	22.70
		100	0	22.25	22.27	22.29	22.70
	256QAM	1	0	20.10	20.10	20.07	20.70
		1	50	20.13	20.09	20.04	20.70
		1	99	20.35	20.26	20.20	20.70
		50	0	20.09	20.09	19.99	20.70
		50	25	19.88	19.87	19.88	20.70
		50	50	19.92	19.93	19.85	20.70
		100	0	20.28	20.18	20.18	20.70

LTE Band 4 Full Power For DLCA				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19957	20175	20393	
1.4MHz	QPSK	1	0	24.25	24.18	24.32	25.00
		1	2	24.30	24.20	24.14	25.00
		1	5	24.18	24.25	24.24	25.00
		3	0	24.16	24.34	24.24	25.00
		3	2	24.16	24.31	24.13	25.00
		3	3	24.28	24.19	24.17	25.00
		6	0	23.24	23.29	23.16	24.00
	16QAM	1	0	23.44	23.43	23.49	24.00
		1	2	23.61	23.58	23.59	24.00
		1	5	23.52	23.54	23.53	24.00
		3	0	23.56	23.56	23.54	24.00
		3	2	23.41	23.57	23.56	24.00
		3	3	23.54	23.54	23.52	24.00

	64QAM	6	0	22.28	22.28	22.36	23.00
		1	0	22.06	22.16	22.11	23.00
		1	2	21.98	21.88	22.01	23.00
		1	5	22.50	22.46	22.49	23.00
		3	0	22.18	22.08	22.02	23.00
		3	2	22.16	22.12	22.08	23.00
		3	3	22.17	22.22	22.13	23.00
		6	0	21.26	21.36	21.22	22.00
	256QAM	1	0	19.21	19.18	19.05	20.00
		1	2	19.21	19.15	18.98	20.00
		1	5	19.36	19.27	19.23	20.00
		3	0	19.10	19.07	19.06	20.00
		3	2	18.84	18.85	18.76	20.00
		3	3	19.00	19.04	18.85	20.00
6		0	19.14	19.17	19.16	20.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19965	20175	20385	
3MHz	QPSK	1	0	24.18	24.18	24.30	25.00
		1	7	24.22	24.27	24.16	25.00
		1	14	24.30	24.29	24.23	25.00
		8	0	23.17	23.10	23.05	24.00
		8	4	23.21	23.14	23.11	24.00
		8	7	23.27	23.29	23.08	24.00
		15	0	23.21	23.35	23.18	24.00
	16QAM	1	0	23.48	23.39	23.61	24.00
		1	7	23.51	23.56	23.64	24.00
		1	14	23.52	23.61	23.55	24.00
		8	0	22.34	22.45	22.34	23.00
		8	4	22.43	22.37	22.42	23.00
		8	7	22.28	22.23	22.23	23.00
		15	0	22.30	22.36	22.30	23.00
	64QAM	1	0	22.18	22.17	22.02	23.00
		1	7	21.96	22.02	22.04	23.00
		1	14	22.45	22.44	22.29	23.00
		8	0	21.40	21.34	21.38	22.00
		8	4	21.28	21.24	21.40	22.00
		8	7	21.25	21.31	21.27	22.00
		15	0	21.22	21.30	21.31	22.00
	256QAM	1	0	19.03	19.11	19.21	20.00
		1	7	19.14	19.08	19.12	20.00

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19975	20175	20375	
5MHz	QPSK	1	14	19.42	19.37	19.38	20.00
		8	0	19.21	19.19	19.05	20.00
		8	4	18.88	18.84	18.78	20.00
		8	7	18.99	18.88	18.83	20.00
		15	0	19.16	19.34	19.30	20.00
	16QAM	1	0	24.30	24.18	24.17	25.00
		1	13	24.28	24.29	24.19	25.00
		1	24	24.31	24.25	24.23	25.00
		12	0	23.21	23.21	23.11	24.00
		12	6	23.23	23.08	23.16	24.00
		12	13	23.24	23.20	23.19	24.00
		25	0	23.27	23.30	23.18	24.00
	64QAM	1	0	23.49	23.44	23.60	24.00
		1	13	23.64	23.60	23.54	24.00
		1	24	23.51	23.61	23.50	24.00
		12	0	22.39	22.35	22.40	23.00
		12	6	22.44	22.28	22.41	23.00
		12	13	22.24	22.31	22.25	23.00
		25	0	22.24	22.28	22.27	23.00
	256QAM	1	0	22.15	22.24	22.15	23.00
		1	13	21.92	22.00	21.96	23.00
		1	24	22.43	22.47	22.37	23.00
		12	0	21.47	21.41	21.37	22.00
		12	6	21.25	21.18	21.32	22.00
		12	13	21.26	21.35	21.21	22.00
25		0	21.34	21.31	21.26	22.00	
10MHz	QPSK	1	0	19.03	19.10	19.16	20.00
		1	13	19.15	19.16	19.05	20.00
1		24	19.36	19.40	19.24	20.00	
10MHz	QPSK	12	0	19.13	19.17	19.12	20.00
		12	6	18.84	18.85	18.83	20.00
12		13	18.93	18.98	18.82	20.00	
10MHz	QPSK	25	0	19.21	19.22	19.22	20.00
		1	0	24.22	24.25	24.20	25.00
1		25	24.23	24.25	24.27	25.00	
10MHz	QPSK	1	49	24.24	24.26	24.30	25.00



		25	0	23.24	23.08	23.15	24.00	
		25	13	23.23	23.12	23.20	24.00	
		25	25	23.19	23.24	23.13	24.00	
		50	0	23.20	23.24	23.21	24.00	
	16QAM	1	0	23.44	23.51	23.52	24.00	
		1	25	23.63	23.58	23.58	24.00	
		1	49	23.48	23.59	23.52	24.00	
		25	0	22.41	22.41	22.36	23.00	
		25	13	22.37	22.28	22.43	23.00	
		25	25	22.26	22.24	22.29	23.00	
		50	0	22.27	22.37	22.33	23.00	
	64QAM	1	0	22.16	22.23	22.09	23.00	
		1	25	21.99	21.90	22.01	23.00	
		1	49	22.39	22.44	22.28	23.00	
		25	0	21.49	21.47	21.39	22.00	
		25	13	21.36	21.31	21.39	22.00	
		25	25	21.24	21.32	21.22	22.00	
		50	0	21.22	21.20	21.35	22.00	
	256QAM	1	0	19.11	19.00	19.19	20.00	
		1	25	19.17	19.23	19.02	20.00	
		1	49	19.43	19.29	19.25	20.00	
		25	0	19.11	19.14	19.09	20.00	
		25	13	18.80	18.94	18.83	20.00	
		25	25	18.87	18.87	18.84	20.00	
		50	0	19.23	19.20	19.29	20.00	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					20025	20175	20325	
	15MHz	QPSK	1	0	24.22	24.25	24.28	25.00
1			38	24.26	24.23	24.25	25.00	
1			74	24.21	24.33	24.21	25.00	
36			0	23.17	23.20	23.12	24.00	
36			18	23.23	23.12	23.16	24.00	
36			39	23.28	23.30	23.15	24.00	
75			0	23.34	23.25	23.12	24.00	
16QAM		1	0	23.46	23.38	23.54	24.00	
		1	38	23.53	23.66	23.53	24.00	
		1	74	23.42	23.50	23.48	24.00	
		36	0	22.39	22.44	22.29	23.00	
		36	18	22.39	22.39	22.38	23.00	
		36	39	22.31	22.27	22.22	23.00	

	64QAM	75	0	22.26	22.27	22.30	23.00	
		1	0	22.22	22.18	22.12	23.00	
		1	38	21.96	22.01	22.07	23.00	
		1	74	22.50	22.54	22.42	23.00	
		36	0	21.49	21.37	21.35	22.00	
		36	18	21.25	21.20	21.37	22.00	
		36	39	21.27	21.29	21.19	22.00	
	256QAM	75	0	21.35	21.26	21.25	22.00	
		1	0	19.09	19.00	19.11	20.00	
		1	38	19.08	19.23	19.13	20.00	
		1	74	19.36	19.39	19.25	20.00	
		36	0	19.07	19.15	19.11	20.00	
		36	18	18.78	18.81	18.89	20.00	
		36	39	18.89	18.96	18.79	20.00	
<b>Bandwidth</b>	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				20050	20175	20300		
	<b>20MHz</b>	QPSK	1	0	24.32	24.43	24.42	25.00
			1	50	24.23	24.18	24.08	25.00
			1	99	24.17	24.19	24.28	25.00
			50	0	23.26	23.39	23.27	24.00
			50	25	23.21	23.15	23.19	24.00
			50	50	23.20	23.27	23.20	24.00
			100	0	23.25	23.32	23.18	24.00
		16QAM	1	0	23.46	23.44	23.51	24.00
			1	50	23.58	23.61	23.60	24.00
			1	99	23.58	23.54	23.55	24.00
			50	0	22.40	22.31	22.33	23.00
			50	25	22.34	22.46	22.41	23.00
50			50	22.22	22.32	22.23	23.00	
100			0	22.29	22.23	22.30	23.00	
64QAM		1	0	22.19	22.19	22.14	23.00	
		1	50	21.91	22.00	22.04	23.00	
		1	99	22.36	22.46	22.36	23.00	
		50	0	21.46	21.41	21.44	22.00	
		50	25	21.26	21.32	21.37	22.00	
		50	50	21.34	21.37	21.16	22.00	
		100	0	21.27	21.27	21.18	22.00	
256QAM		1	0	19.15	19.20	19.11	20.00	
		1	50	19.17	19.14	19.08	20.00	

		1	99	19.33	19.34	19.26	20.00
		50	0	19.15	19.07	18.97	20.00
		50	25	18.88	18.95	18.91	20.00
		50	50	18.97	18.94	18.81	20.00
		100	0	19.20	19.24	19.20	20.00

LTE Band 4 DSI1 DSI5 For DLCA				Conducted Power(dBm)				
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				19957	20175	20393		
1.4MHz	QPSK	1	0	17.52	17.60	17.54	18.00	
		1	2	17.44	17.50	17.45	18.00	
		1	5	17.41	17.49	17.46	18.00	
		3	0	17.46	17.58	17.52	18.00	
		3	2	17.40	17.41	17.51	18.00	
		3	3	17.46	17.45	17.38	18.00	
		6	0	17.37	17.48	17.55	18.00	
	16QAM	1	0	17.47	17.44	17.39	18.00	
		1	2	17.43	17.49	17.51	18.00	
		1	5	17.48	17.51	17.53	18.00	
		3	0	17.52	17.57	17.38	18.00	
		3	2	17.40	17.52	17.39	18.00	
		3	3	17.33	17.50	17.42	18.00	
		6	0	17.34	17.50	17.40	18.00	
	64QAM	1	0	17.44	17.46	17.45	18.00	
		1	2	17.44	17.43	17.46	18.00	
		1	5	17.53	17.45	17.55	18.00	
		3	0	17.50	17.40	17.51	18.00	
		3	2	17.43	17.46	17.49	18.00	
		3	3	17.51	17.54	17.44	18.00	
		6	0	17.37	17.48	17.45	18.00	
	256QAM	1	0	17.49	17.52	17.35	18.00	
		1	2	17.33	17.42	17.51	18.00	
		1	5	17.40	17.52	17.47	18.00	
		3	0	17.48	17.57	17.48	18.00	
		3	2	17.44	17.43	17.56	18.00	
		3	3	17.50	17.41	17.44	18.00	
		6	0	17.46	17.49	17.50	18.00	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up

				19965	20175	20385	
<b>3MHz</b>	QPSK	1	0	17.63	17.52	17.54	18.00
		1	7	17.53	17.50	17.44	18.00
		1	14	17.34	17.55	17.50	18.00
		8	0	17.54	17.49	17.53	18.00
		8	4	17.44	17.50	17.48	18.00
		8	7	17.51	17.41	17.44	18.00
		15	0	17.38	17.51	17.50	18.00
	16QAM	1	0	17.43	17.52	17.39	18.00
		1	7	17.46	17.53	17.41	18.00
		1	14	17.42	17.55	17.50	18.00
		8	0	17.46	17.48	17.47	18.00
		8	4	17.50	17.59	17.49	18.00
		8	7	17.37	17.55	17.45	18.00
		15	0	17.34	17.53	17.41	18.00
	64QAM	1	0	17.47	17.57	17.37	18.00
		1	7	17.33	17.40	17.45	18.00
		1	14	17.48	17.45	17.55	18.00
		8	0	17.40	17.40	17.44	18.00
		8	4	17.41	17.49	17.50	18.00
		8	7	17.44	17.56	17.40	18.00
		15	0	17.32	17.54	17.46	18.00
	256QAM	1	0	17.39	17.46	17.43	18.00
		1	7	17.36	17.44	17.49	18.00
		1	14	17.42	17.46	17.44	18.00
		8	0	17.45	17.58	17.44	18.00
		8	4	17.44	17.48	17.56	18.00
		8	7	17.48	17.39	17.46	18.00
		15	0	17.37	17.55	17.39	18.00
<b>Bandwidth</b>	<b>Modulation</b>	<b>RB size</b>	<b>RB offset</b>	<b>Channel</b>	<b>Channel</b>	<b>Channel</b>	<b>Tune up</b>
				19975	20175	20375	
<b>5MHz</b>	QPSK	1	0	17.60	17.60	17.51	18.00
		1	13	17.51	17.46	17.46	18.00
		1	24	17.38	17.59	17.52	18.00
		12	0	17.54	17.55	17.57	18.00
		12	6	17.33	17.49	17.53	18.00
		12	13	17.48	17.47	17.48	18.00
		25	0	17.42	17.48	17.49	18.00
	16QAM	1	0	17.35	17.43	17.46	18.00
		1	13	17.42	17.54	17.47	18.00

		1	24	17.36	17.46	17.46	18.00		
		12	0	17.41	17.54	17.46	18.00		
		12	6	17.47	17.46	17.39	18.00		
		12	13	17.33	17.47	17.41	18.00		
		25	0	17.38	17.55	17.42	18.00		
	64QAM	1	0	17.41	17.55	17.43	18.00		
		1	13	17.33	17.49	17.39	18.00		
		1	24	17.52	17.57	17.49	18.00		
		12	0	17.43	17.51	17.47	18.00		
		12	6	17.42	17.49	17.51	18.00		
		12	13	17.46	17.45	17.39	18.00		
	256QAM	25	0	17.35	17.42	17.42	18.00		
		1	0	17.50	17.44	17.45	18.00		
		1	13	17.38	17.45	17.46	18.00		
		1	24	17.45	17.51	17.47	18.00		
		12	0	17.42	17.54	17.38	18.00		
		12	6	17.38	17.46	17.42	18.00		
		12	13	17.43	17.48	17.38	18.00		
		25	0	17.46	17.52	17.44	18.00		
		<b>Bandwidth</b>	<b>Modulation</b>	<b>RB size</b>	<b>RB offset</b>	<b>Channel</b>	<b>Channel</b>	<b>Channel</b>	<b>Tune up</b>
						20000	20175	20350	
<b>10MHz</b>		QPSK	1	0	17.60	17.57	17.60	18.00	
			1	25	17.53	17.49	17.43	18.00	
			1	49	17.31	17.49	17.49	18.00	
	25		0	17.47	17.56	17.48	18.00		
	25		13	17.34	17.45	17.51	18.00		
	25		25	17.43	17.52	17.42	18.00		
	50		0	17.47	17.51	17.47	18.00		
	16QAM	1	0	17.44	17.42	17.43	18.00		
		1	25	17.32	17.53	17.47	18.00		
		1	49	17.37	17.56	17.50	18.00		
		25	0	17.49	17.55	17.36	18.00		
		25	13	17.42	17.59	17.45	18.00		
		25	25	17.46	17.57	17.44	18.00		
		50	0	17.43	17.48	17.43	18.00		
	64QAM	1	0	17.48	17.58	17.43	18.00		
		1	25	17.35	17.53	17.46	18.00		
		1	49	17.43	17.43	17.56	18.00		
		25	0	17.48	17.44	17.46	18.00		
		25	13	17.31	17.59	17.47	18.00		

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				20025	20175	20325		
15MHz	256QAM	25	25	17.49	17.44	17.47	18.00	
		50	0	17.40	17.49	17.44	18.00	
		1	0	17.41	17.47	17.42	18.00	
		1	25	17.42	17.51	17.44	18.00	
		1	49	17.35	17.54	17.43	18.00	
		25	0	17.40	17.46	17.38	18.00	
		25	13	17.34	17.47	17.54	18.00	
		25	25	17.37	17.51	17.47	18.00	
		50	0	17.50	17.46	17.38	18.00	
	15MHz	QPSK	1	0	17.61	17.54	17.60	18.00
			1	38	17.44	17.56	17.45	18.00
			1	74	17.34	17.59	17.55	18.00
			36	0	17.52	17.46	17.50	18.00
			36	18	17.41	17.52	17.43	18.00
			36	39	17.50	17.49	17.47	18.00
			75	0	17.39	17.60	17.50	18.00
		16QAM	1	0	17.45	17.54	17.48	18.00
			1	38	17.43	17.58	17.41	18.00
1			74	17.41	17.45	17.42	18.00	
36			0	17.47	17.57	17.48	18.00	
36			18	17.40	17.49	17.37	18.00	
36			39	17.44	17.45	17.46	18.00	
75			0	17.47	17.53	17.48	18.00	
64QAM		1	0	17.45	17.58	17.41	18.00	
		1	38	17.37	17.42	17.36	18.00	
		1	74	17.46	17.43	17.44	18.00	
		36	0	17.39	17.47	17.52	18.00	
		36	18	17.34	17.49	17.53	18.00	
		36	39	17.50	17.51	17.44	18.00	
		75	0	17.32	17.49	17.44	18.00	
256QAM		1	0	17.37	17.44	17.38	18.00	
		1	38	17.41	17.48	17.51	18.00	
		1	74	17.42	17.50	17.54	18.00	
		36	0	17.42	17.59	17.46	18.00	
		36	18	17.44	17.47	17.53	18.00	
		36	39	17.50	17.49	17.48	18.00	
	75	0	17.42	17.54	17.50	18.00		
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	

				20050	20175	20300	
<b>20MHz</b>	<b>QPSK</b>	1	0	17.56	17.73	17.57	18.00
		1	50	17.42	17.56	17.47	18.00
		1	99	17.32	17.57	17.49	18.00
		50	0	17.46	17.58	17.55	18.00
		50	25	17.46	17.49	17.46	18.00
		50	50	17.51	17.45	17.37	18.00
		100	0	17.35	17.60	17.49	18.00
	<b>16QAM</b>	1	0	17.43	17.47	17.37	18.00
		1	50	17.44	17.55	17.51	18.00
		1	99	17.38	17.51	17.43	18.00
		50	0	17.44	17.45	17.48	18.00
		50	25	17.39	17.49	17.44	18.00
		50	50	17.32	17.50	17.51	18.00
		100	0	17.36	17.49	17.35	18.00
	<b>64QAM</b>	1	0	17.43	17.51	17.38	18.00
		1	50	17.34	17.52	17.48	18.00
		1	99	17.46	17.48	17.44	18.00
		50	0	17.36	17.43	17.50	18.00
		50	25	17.32	17.56	17.44	18.00
		50	50	17.52	17.41	17.48	18.00
		100	0	17.44	17.49	17.33	18.00
	<b>256QAM</b>	1	0	17.43	17.56	17.49	18.00
		1	50	17.35	17.51	17.54	18.00
		1	99	17.40	17.49	17.43	18.00
		50	0	17.36	17.57	17.43	18.00
		50	25	17.37	17.51	17.44	18.00
		50	50	17.45	17.40	17.37	18.00
		100	0	17.42	17.57	17.42	18.00

<b>LTE Band 4 DS14 For DLCA</b>				<b>Conducted Power(dBm)</b>			
<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>
				19957	20175	20393	
<b>1.4MHz</b>	<b>QPSK</b>	1	0	21.38	21.50	21.47	22.00
		1	2	21.26	21.26	21.27	22.00
		1	5	21.36	21.31	21.21	22.00
		3	0	21.44	21.41	21.33	22.00
		3	2	21.19	21.27	21.36	22.00
		3	3	21.25	21.33	21.23	22.00

	16QAM	6	0	21.38	21.43	21.45	22.00	
		1	0	21.17	21.28	21.38	22.00	
		1	2	21.30	21.28	21.36	22.00	
		1	5	21.20	21.33	21.29	22.00	
		3	0	21.20	21.28	21.29	22.00	
		3	2	21.30	21.26	21.41	22.00	
		3	3	21.19	21.20	21.36	22.00	
	6	0	21.30	21.27	21.28	22.00		
	64QAM	1	0	21.20	21.32	21.39	22.00	
		1	2	21.18	21.25	21.31	22.00	
		1	5	21.18	21.25	21.31	22.00	
		3	0	21.14	21.17	21.32	22.00	
		3	2	21.23	21.21	21.39	22.00	
		3	3	21.21	21.29	21.26	22.00	
		6	0	21.17	21.27	21.35	22.00	
	256QAM	1	0	19.13	19.08	19.09	20.00	
		1	2	19.12	19.15	19.09	20.00	
		1	5	19.32	19.38	19.28	20.00	
		3	0	19.03	19.13	19.06	20.00	
		3	2	18.85	18.80	18.85	20.00	
		3	3	18.87	19.02	18.81	20.00	
		6	0	19.31	19.27	19.18	20.00	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					19965	20175	20385	
	3MHz	QPSK	1	0	21.43	21.53	21.27	22.00
			1	7	21.17	21.22	21.34	22.00
			1	14	21.31	21.34	21.28	22.00
			8	0	21.43	21.47	21.36	22.00
8			4	21.33	21.25	21.26	22.00	
8			7	21.29	21.36	21.22	22.00	
15			0	21.46	21.40	21.42	22.00	
16QAM		1	0	21.28	21.30	21.36	22.00	
		1	7	21.23	21.31	21.24	22.00	
		1	14	21.27	21.35	21.37	22.00	
		8	0	21.26	21.26	21.26	22.00	
		8	4	21.26	21.22	21.33	22.00	
		8	7	21.27	21.34	21.30	22.00	
		15	0	21.21	21.31	21.39	22.00	
64QAM		1	0	21.26	21.23	21.38	22.00	
		1	7	21.27	21.33	21.34	22.00	



		1	14	21.28	21.22	21.30	22.00
		8	0	21.24	21.30	21.27	22.00
		8	4	21.35	21.31	21.35	22.00
		8	7	21.15	21.33	21.31	22.00
		15	0	21.29	21.21	21.25	22.00
	256QAM	1	0	19.03	19.12	19.14	20.00
		1	7	19.21	19.11	19.06	20.00
		1	14	19.42	19.31	19.28	20.00
		8	0	19.16	19.14	19.00	20.00
		8	4	18.88	18.79	18.97	20.00
		8	7	18.95	19.02	18.85	20.00
		15	0	19.22	19.22	19.26	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19975	20175	20375	
5MHz	QPSK	1	0	21.34	21.49	21.41	22.00
		1	13	21.12	21.26	21.27	22.00
		1	24	21.24	21.41	21.26	22.00
		12	0	21.40	21.37	21.47	22.00
		12	6	21.31	21.24	21.26	22.00
		12	13	21.34	21.34	21.24	22.00
		25	0	21.38	21.40	21.42	22.00
	16QAM	1	0	21.22	21.22	21.36	22.00
		1	13	21.29	21.24	21.23	22.00
		1	24	21.28	21.30	21.31	22.00
		12	0	21.24	21.17	21.37	22.00
		12	6	21.31	21.20	21.39	22.00
		12	13	21.23	21.34	21.31	22.00
		25	0	21.26	21.24	21.39	22.00
	64QAM	1	0	21.25	21.27	21.35	22.00
		1	13	21.34	21.26	21.25	22.00
		1	24	21.16	21.18	21.43	22.00
		12	0	21.30	21.24	21.37	22.00
		12	6	21.26	21.31	21.38	22.00
		12	13	21.21	21.22	21.40	22.00
		25	0	21.31	21.33	21.31	22.00
	256QAM	1	0	19.11	19.12	19.11	20.00
		1	13	19.14	19.20	19.13	20.00
		1	24	19.29	19.35	19.25	20.00
		12	0	19.10	19.16	18.99	20.00
		12	6	18.88	18.82	18.99	20.00

Bandwidth	Modulation	12	13	18.89	18.96	18.97	20.00
		25	0	19.21	19.12	19.23	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20000	20175	20350	
10MHz	QPSK	1	0	21.34	21.49	21.36	22.00
		1	25	21.24	21.21	21.31	22.00
		1	49	21.32	21.42	21.30	22.00
		25	0	21.39	21.39	21.36	22.00
		25	13	21.25	21.20	21.21	22.00
		25	25	21.33	21.32	21.21	22.00
		50	0	21.41	21.42	21.35	22.00
	16QAM	1	0	21.33	21.21	21.29	22.00
		1	25	21.18	21.27	21.27	22.00
		1	49	21.31	21.23	21.34	22.00
		25	0	21.29	21.17	21.24	22.00
		25	13	21.31	21.30	21.34	22.00
		25	25	21.30	21.22	21.21	22.00
		50	0	21.22	21.23	21.32	22.00
	64QAM	1	0	21.14	21.36	21.35	22.00
		1	25	21.27	21.36	21.25	22.00
		1	49	21.20	21.17	21.36	22.00
		25	0	21.16	21.24	21.35	22.00
		25	13	21.34	21.27	21.39	22.00
		25	25	21.23	21.33	21.36	22.00
		50	0	21.29	21.30	21.30	22.00
	256QAM	1	0	19.17	19.15	19.06	20.00
		1	25	19.23	19.19	19.09	20.00
		1	49	19.35	19.34	19.20	20.00
		25	0	19.17	19.19	19.01	20.00
		25	13	18.86	18.91	18.94	20.00
		25	25	18.89	19.00	18.89	20.00
		50	0	19.22	19.19	19.14	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20025	20175	20325	
15MHz	QPSK	1	0	21.37	21.44	21.40	22.00
		1	38	21.16	21.21	21.25	22.00
		1	74	21.26	21.31	21.22	22.00
		36	0	21.48	21.42	21.41	22.00
		36	18	21.27	21.25	21.32	22.00
		36	39	21.34	21.32	21.14	22.00

	16QAM	75	0	21.42	21.43	21.33	22.00	
		1	0	21.33	21.20	21.26	22.00	
		1	38	21.21	21.24	21.31	22.00	
		1	74	21.33	21.35	21.34	22.00	
		36	0	21.25	21.20	21.27	22.00	
		36	18	21.31	21.22	21.28	22.00	
		36	39	21.19	21.24	21.23	22.00	
	75	0	21.24	21.23	21.32	22.00		
	64QAM	1	0	21.25	21.36	21.42	22.00	
		1	38	21.21	21.35	21.27	22.00	
		1	74	21.25	21.21	21.42	22.00	
		36	0	21.24	21.29	21.36	22.00	
		36	18	21.32	21.31	21.28	22.00	
		36	39	21.25	21.23	21.42	22.00	
		75	0	21.22	21.22	21.28	22.00	
	256QAM	1	0	19.11	19.07	19.06	20.00	
		1	38	19.12	19.20	19.10	20.00	
		1	74	19.35	19.26	19.24	20.00	
		36	0	19.17	19.17	19.14	20.00	
		36	18	18.83	18.89	19.00	20.00	
		36	39	18.98	18.99	18.94	20.00	
		75	0	19.28	19.15	19.28	20.00	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					20050	20175	20300	
	20MHz	QPSK	1	0	21.36	21.58	21.35	22.00
			1	50	21.14	21.18	21.33	22.00
			1	99	21.20	21.34	21.23	22.00
			50	0	21.48	21.40	21.40	22.00
50			25	21.28	21.21	21.23	22.00	
50			50	21.26	21.31	21.17	22.00	
100			0	21.37	21.38	21.45	22.00	
16QAM		1	0	21.28	21.26	21.25	22.00	
		1	50	21.24	21.30	21.34	22.00	
		1	99	21.20	21.24	21.32	22.00	
		50	0	21.34	21.19	21.35	22.00	
		50	25	21.32	21.28	21.33	22.00	
		50	50	21.18	21.35	21.21	22.00	
		100	0	21.31	21.27	21.41	22.00	
64QAM		1	0	21.18	21.34	21.29	22.00	
		1	50	21.26	21.33	21.38	22.00	

		1	99	21.28	21.28	21.40	22.00
		50	0	21.21	21.33	21.27	22.00
		50	25	21.23	21.23	21.28	22.00
		50	50	21.24	21.27	21.43	22.00
		100	0	21.23	21.22	21.38	22.00
	256QAM	1	0	19.13	19.20	19.16	20.00
		1	50	19.13	19.18	19.09	20.00
		1	99	19.41	19.34	19.28	20.00
		50	0	19.20	19.13	18.99	20.00
		50	25	18.92	18.83	18.94	20.00
		50	50	18.99	18.92	18.96	20.00
		100	0	19.30	19.16	19.21	20.00

LTE Band 7 Full Power				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20775	21100	21425	
5MHz	QPSK	1	0	25.32	25.33	25.27	25.70
		1	13	25.28	25.30	25.26	25.70
		1	24	25.32	25.32	25.32	25.70
		12	0	24.23	24.25	24.24	24.70
		12	6	24.31	24.30	24.29	24.70
		12	13	24.32	24.35	24.21	24.70
		25	0	24.32	24.38	24.28	24.70
	16QAM	1	0	24.48	24.53	24.59	24.70
		1	13	24.64	24.63	24.69	24.70
		1	24	24.56	24.63	24.58	24.70
		12	0	23.44	23.44	23.42	23.70
		12	6	23.48	23.48	23.40	23.70
		12	13	23.31	23.39	23.32	23.70
		25	0	23.34	23.40	23.38	23.70
	64QAM	1	0	23.24	23.23	23.23	23.70
		1	13	23.06	22.99	23.03	23.70
		1	24	23.52	23.49	23.47	23.70
		12	0	22.48	22.49	22.48	22.70
		12	6	22.32	22.31	22.37	22.70
		12	13	22.38	22.35	22.28	22.70
		25	0	22.30	22.34	22.34	22.70
	256QAM	1	0	20.20	20.15	20.16	20.70
		1	13	20.22	20.20	20.19	20.70

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				20800	21100	21400		
10MHz	QPSK	1	24	20.39	20.36	20.32	20.70	
		12	0	20.19	20.14	20.12	20.70	
		12	6	19.90	19.93	19.98	20.70	
		12	13	20.05	20.05	19.91	20.70	
		25	0	20.30	20.31	20.33	20.70	
	16QAM	16QAM	1	0	25.32	25.31	25.28	25.70
			1	25	25.31	25.33	25.23	25.70
			1	49	25.34	25.34	25.33	25.70
			25	0	24.22	24.21	24.20	24.70
			25	13	24.25	24.30	24.32	24.70
			25	25	24.36	24.29	24.27	24.70
			50	0	24.31	24.36	24.30	24.70
	64QAM	64QAM	1	0	24.53	24.47	24.58	24.70
			1	25	24.65	24.64	24.66	24.70
			1	49	24.56	24.63	24.55	24.70
			25	0	23.40	23.39	23.39	23.70
			25	13	23.42	23.48	23.41	23.70
			25	25	23.39	23.34	23.28	23.70
			50	0	23.41	23.36	23.36	23.70
	256QAM	256QAM	1	0	23.20	23.21	23.21	23.70
			1	25	23.00	23.02	23.10	23.70
			1	49	23.51	23.52	23.51	23.70
			25	0	22.46	22.51	22.46	22.70
			25	13	22.36	22.35	22.39	22.70
			25	25	22.31	22.35	22.31	22.70
50			0	22.37	22.33	22.40	22.70	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				20825	21100	21375		
15MHz	QPSK	1	0	25.33	25.28	25.31	25.70	
		1	38	25.34	25.34	25.28	25.70	
		1	74	25.34	25.30	25.34	25.70	

		36	0	24.29	24.24	24.23	24.70	
		36	18	24.27	24.28	24.27	24.70	
		36	39	24.37	24.34	24.24	24.70	
		75	0	24.31	24.32	24.27	24.70	
	16QAM	1	0	24.53	24.49	24.60	24.70	
		1	38	24.70	24.69	24.68	24.70	
		1	74	24.56	24.56	24.55	24.70	
		36	0	23.41	23.42	23.41	23.70	
		36	18	23.46	23.45	23.41	23.70	
		36	39	23.38	23.36	23.28	23.70	
		75	0	23.35	23.40	23.35	23.70	
	64QAM	1	0	23.18	23.20	23.16	23.70	
		1	38	23.02	22.97	23.11	23.70	
		1	74	23.50	23.53	23.46	23.70	
		36	0	22.53	22.45	22.47	22.70	
		36	18	22.38	22.37	22.39	22.70	
		36	39	22.33	22.37	22.33	22.70	
		75	0	22.30	22.33	22.41	22.70	
	256QAM	1	0	20.18	20.15	20.23	20.70	
		1	38	20.23	20.23	20.16	20.70	
		1	74	20.36	20.41	20.31	20.70	
		36	0	20.19	20.15	20.14	20.70	
		36	18	19.88	19.95	19.97	20.70	
		36	39	20.04	20.02	19.91	20.70	
		75	0	20.29	20.30	20.36	20.70	
	<b>Bandwidth</b>	<b>Modulation</b>	<b>RB size</b>	<b>RB offset</b>	<b>Channel</b>	<b>Channel</b>	<b>Channel</b>	<b>Tune up</b>
	<b>20MHz</b>	QPSK	1	0	25.36	25.45	25.34	25.70
			1	50	25.35	25.27	25.21	25.70
1			99	25.31	25.34	25.32	25.70	
50			0	24.38	24.39	24.33	24.70	
50			25	24.23	24.28	24.26	24.70	
50			50	24.36	24.32	24.20	24.70	
100			0	24.33	24.36	24.30	24.70	
16QAM		1	0	24.48	24.53	24.61	24.70	
		1	50	24.69	24.65	24.70	24.70	
		1	99	24.63	24.64	24.60	24.70	
		50	0	23.42	23.40	23.37	23.70	
		50	25	23.47	23.44	23.40	23.70	
		50	50	23.36	23.33	23.27	23.70	
						20850	21100	21350

	64QAM	100	0	23.34	23.39	23.33	23.70
		1	0	23.21	23.22	23.22	23.70
		1	50	22.98	23.04	23.03	23.70
		1	99	23.52	23.53	23.50	23.70
		50	0	22.48	22.48	22.42	22.70
		50	25	22.36	22.33	22.39	22.70
		50	50	22.37	22.33	22.30	22.70
	256QAM	100	0	22.31	22.37	22.35	22.70
		1	0	20.17	20.14	20.24	20.70
		1	50	20.22	20.24	20.20	20.70
		1	99	20.37	20.36	20.30	20.70
		50	0	20.16	20.19	20.09	20.70
		50	25	19.92	19.93	19.94	20.70
		50	50	20.01	20.00	19.97	20.70
		100	0	20.26	20.33	20.35	20.70

LTE Band 7 DSI1 DSI5				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20775	21100	21425	
5MHz	QPSK	1	0	16.31	16.30	16.26	16.70
		1	13	16.35	16.35	16.31	16.70
		1	24	16.35	16.30	16.29	16.70
		12	0	16.33	16.36	16.24	16.70
		12	6	16.34	16.34	16.31	16.70
		12	13	16.33	16.36	16.31	16.70
		25	0	16.31	16.33	16.30	16.70
	16QAM	1	0	16.34	16.35	16.24	16.70
		1	13	16.36	16.33	16.28	16.70
		1	24	16.31	16.35	16.27	16.70
		12	0	16.32	16.38	16.29	16.70
		12	6	16.29	16.30	16.27	16.70
		12	13	16.28	16.31	16.31	16.70
		25	0	16.30	16.34	16.26	16.70
	64QAM	1	0	16.35	16.31	16.26	16.70
		1	13	16.34	16.33	16.32	16.70
		1	24	16.31	16.35	16.29	16.70
		12	0	16.33	16.36	16.32	16.70
		12	6	16.35	16.36	16.32	16.70
		12	13	16.27	16.32	16.30	16.70

	256QAM	25	0	16.27	16.37	16.29	16.70
		1	0	16.29	16.30	16.26	16.70
		1	13	16.36	16.35	16.27	16.70
		1	24	16.33	16.35	16.30	16.70
		12	0	16.28	16.37	16.33	16.70
		12	6	16.34	16.31	16.27	16.70
		12	13	16.34	16.38	16.29	16.70
		25	0	16.32	16.36	16.32	16.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20800	21100	21400	
10MHz	QPSK	1	0	16.29	16.31	16.31	16.70
		1	25	16.34	16.30	16.27	16.70
		1	49	16.27	16.37	16.31	16.70
		25	0	16.35	16.34	16.29	16.70
		25	13	16.34	16.32	16.32	16.70
		25	25	16.30	16.36	16.30	16.70
		50	0	16.33	16.36	16.29	16.70
	16QAM	1	0	16.33	16.30	16.28	16.70
		1	25	16.33	16.37	16.32	16.70
		1	49	16.28	16.31	16.25	16.70
		25	0	16.32	16.32	16.30	16.70
		25	13	16.30	16.35	16.28	16.70
		25	25	16.31	16.34	16.30	16.70
		50	0	16.33	16.34	16.27	16.70
	64QAM	1	0	16.36	16.34	16.25	16.70
		1	25	16.33	16.36	16.25	16.70
		1	49	16.30	16.29	16.31	16.70
		25	0	16.33	16.30	16.25	16.70
		25	13	16.32	16.31	16.28	16.70
		25	25	16.35	16.32	16.32	16.70
		50	0	16.27	16.36	16.30	16.70
	256QAM	1	0	16.28	16.31	16.28	16.70
		1	25	16.34	16.36	16.29	16.70
		1	49	16.31	16.32	16.29	16.70
		25	0	16.33	16.31	16.32	16.70
		25	13	16.33	16.38	16.31	16.70
		25	25	16.31	16.35	16.30	16.70
		50	0	16.30	16.37	16.29	16.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20825	21100	21375	



15MHz	QPSK	1	0	16.34	16.29	16.29	16.70
		1	38	16.28	16.34	16.27	16.70
		1	74	16.28	16.30	16.26	16.70
		36	0	16.35	16.33	16.24	16.70
		36	18	16.35	16.36	16.33	16.70
		36	39	16.29	16.32	16.29	16.70
		75	0	16.28	16.31	16.28	16.70
	16QAM	1	0	16.32	16.30	16.25	16.70
		1	38	16.30	16.34	16.29	16.70
		1	74	16.30	16.32	16.29	16.70
		36	0	16.35	16.32	16.25	16.70
		36	18	16.31	16.36	16.27	16.70
		36	39	16.31	16.31	16.24	16.70
		75	0	16.32	16.37	16.33	16.70
	64QAM	1	0	16.27	16.34	16.31	16.70
		1	38	16.35	16.31	16.25	16.70
		1	74	16.35	16.32	16.31	16.70
		36	0	16.28	16.37	16.28	16.70
		36	18	16.30	16.36	16.26	16.70
		36	39	16.35	16.33	16.33	16.70
		75	0	16.30	16.37	16.33	16.70
	256QAM	1	0	16.36	16.32	16.27	16.70
		1	38	16.32	16.36	16.33	16.70
		1	74	16.33	16.33	16.29	16.70
		36	0	16.31	16.35	16.30	16.70
		36	18	16.30	16.37	16.28	16.70
		36	39	16.30	16.29	16.27	16.70
		75	0	16.34	16.37	16.29	16.70
<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>
20MHz	QPSK	1	0	16.32	16.45	16.37	16.70
		1	50	16.28	16.34	16.28	16.70
		1	99	16.29	16.36	16.29	16.70
		50	0	16.37	16.44	16.34	16.70
		50	25	16.34	16.38	16.30	16.70
		50	50	16.27	16.33	16.29	16.70
		100	0	16.33	16.41	16.30	16.70
	16QAM	1	0	16.29	16.38	16.31	16.70
		1	50	16.35	16.34	16.26	16.70
		1	99	16.28	16.34	16.31	16.70

		50	0	16.30	16.33	16.29	16.70
		50	25	16.32	16.30	16.31	16.70
		50	50	16.33	16.31	16.28	16.70
		100	0	16.30	16.31	16.29	16.70
	64QAM	1	0	16.31	16.34	16.28	16.70
		1	50	16.31	16.32	16.25	16.70
		1	99	16.35	16.32	16.32	16.70
		50	0	16.32	16.38	16.25	16.70
		50	25	16.35	16.38	16.32	16.70
		50	50	16.28	16.38	16.27	16.70
		100	0	16.36	16.30	16.28	16.70
	256QAM	1	0	16.31	16.34	16.26	16.70
		1	50	16.33	16.38	16.27	16.70
		1	99	16.31	16.33	16.28	16.70
		50	0	16.28	16.37	16.33	16.70
		50	25	16.33	16.31	16.27	16.70
		50	50	16.29	16.30	16.29	16.70
		100	0	16.30	16.35	16.28	16.70

LTE Band 7 DS14				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20775	21100	21425	
5MHz	QPSK	1	0	19.26	19.27	19.20	19.70
		1	13	19.15	19.22	19.14	19.70
		1	24	19.21	19.22	19.21	19.70
		12	0	19.15	19.18	19.14	19.70
		12	6	19.22	19.21	19.14	19.70
		12	13	19.16	19.21	19.12	19.70
		25	0	19.17	19.20	19.14	19.70
	16QAM	1	0	19.19	19.21	19.19	19.70
		1	13	19.18	19.25	19.13	19.70
		1	24	19.20	19.22	19.16	19.70
		12	0	19.18	19.24	19.14	19.70
		12	6	19.18	19.18	19.17	19.70
		12	13	19.21	19.24	19.17	19.70
		25	0	19.18	19.22	19.21	19.70
	64QAM	1	0	19.16	19.20	19.20	19.70
		1	13	19.20	19.21	19.15	19.70

		1	24	19.21	19.17	19.18	19.70
		12	0	19.21	19.22	19.14	19.70
		12	6	19.14	19.24	19.18	19.70
		12	13	19.20	19.24	19.19	19.70
		25	0	19.23	19.24	19.12	19.70
	256QAM	1	0	19.16	19.23	19.13	19.70
		1	13	19.18	19.19	19.15	19.70
		1	24	19.15	19.19	19.18	19.70
		12	0	19.18	19.21	19.12	19.70
		12	6	19.19	19.23	19.13	19.70
		12	13	19.20	19.20	19.21	19.70
		25	0	19.16	19.24	19.13	19.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20800	21100	21400	
10MHz	QPSK	1	0	19.24	19.24	19.17	19.70
		1	25	19.23	19.21	19.12	19.70
		1	49	19.17	19.25	19.20	19.70
		25	0	19.20	19.16	19.13	19.70
		25	13	19.22	19.19	19.18	19.70
		25	25	19.16	19.18	19.13	19.70
		50	0	19.22	19.20	19.21	19.70
	16QAM	1	0	19.15	19.24	19.17	19.70
		1	25	19.22	19.22	19.17	19.70
		1	49	19.18	19.24	19.19	19.70
		25	0	19.19	19.23	19.13	19.70
		25	13	19.19	19.24	19.18	19.70
		25	25	19.17	19.21	19.21	19.70
		50	0	19.23	19.16	19.16	19.70
	64QAM	1	0	19.23	19.18	19.19	19.70
		1	25	19.22	19.23	19.13	19.70
		1	49	19.23	19.16	19.12	19.70
		25	0	19.18	19.18	19.20	19.70
		25	13	19.22	19.20	19.14	19.70
		25	25	19.18	19.24	19.20	19.70
		50	0	19.22	19.19	19.20	19.70
	256QAM	1	0	19.17	19.20	19.14	19.70
		1	25	19.23	19.19	19.16	19.70
		1	49	19.18	19.17	19.13	19.70
		25	0	19.22	19.20	19.20	19.70
		25	13	19.15	19.25	19.18	19.70

Bandwidth	Modulation	25	25	19.20	19.25	19.19	19.70
		50	0	19.18	19.19	19.15	19.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20825	21100	21375	
15MHz	QPSK	1	0	19.19	19.25	19.17	19.70
		1	38	19.22	19.21	19.13	19.70
		1	74	19.18	19.24	19.20	19.70
		36	0	19.21	19.20	19.15	19.70
		36	18	19.22	19.16	19.20	19.70
		36	39	19.17	19.20	19.16	19.70
		75	0	19.18	19.19	19.18	19.70
	16QAM	1	0	19.17	19.18	19.16	19.70
		1	38	19.18	19.22	19.21	19.70
		1	74	19.22	19.24	19.14	19.70
		36	0	19.15	19.21	19.17	19.70
		36	18	19.20	19.20	19.19	19.70
		36	39	19.21	19.25	19.15	19.70
		75	0	19.20	19.17	19.12	19.70
	64QAM	1	0	19.15	19.17	19.19	19.70
		1	38	19.19	19.21	19.19	19.70
		1	74	19.15	19.22	19.19	19.70
		36	0	19.18	19.21	19.16	19.70
		36	18	19.14	19.23	19.19	19.70
		36	39	19.20	19.20	19.13	19.70
		75	0	19.21	19.18	19.13	19.70
	256QAM	1	0	19.15	19.20	19.15	19.70
		1	38	19.21	19.19	19.12	19.70
		1	74	19.21	19.18	19.17	19.70
		36	0	19.20	19.22	19.13	19.70
		36	18	19.15	19.19	19.17	19.70
		36	39	19.19	19.16	19.15	19.70
		75	0	19.17	19.18	19.20	19.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
20MHz	QPSK			20850	21100	21350	
		1	0	19.24	19.35	19.31	19.70
		1	50	19.17	19.18	19.21	19.70
		1	99	19.14	19.25	19.18	19.70
		50	0	19.26	19.26	19.21	19.70
		50	25	19.22	19.16	19.14	19.70
		50	50	19.22	19.23	19.19	19.70

	16QAM	100	0	19.21	19.23	19.15	19.70
		1	0	19.15	19.18	19.18	19.70
		1	50	19.19	19.17	19.12	19.70
		1	99	19.22	19.24	19.20	19.70
		50	0	19.22	19.22	19.16	19.70
		50	25	19.17	19.19	19.17	19.70
		50	50	19.20	19.23	19.13	19.70
		100	0	19.20	19.24	19.12	19.70
	64QAM	1	0	19.22	19.20	19.14	19.70
		1	50	19.19	19.23	19.16	19.70
		1	99	19.15	19.22	19.14	19.70
		50	0	19.22	19.24	19.20	19.70
		50	25	19.22	19.21	19.16	19.70
		50	50	19.22	19.22	19.12	19.70
		100	0	19.15	19.23	19.20	19.70
	256QAM	1	0	19.19	19.23	19.18	19.70
		1	50	19.15	19.18	19.18	19.70
		1	99	19.17	19.22	19.13	19.70
		50	0	19.21	19.19	19.15	19.70
		50	25	19.20	19.18	19.19	19.70
		50	50	19.20	19.23	19.13	19.70
		100	0	19.18	19.17	19.12	19.70

LTE Band 7 Full Power For ENDC				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20775	21100	21425	
5MHz	QPSK	1	0	23.38	23.43	23.33	24.00
		1	13	23.32	23.29	23.29	24.00
		1	24	23.33	23.40	23.40	24.00
		12	0	22.23	22.29	22.27	23.00
		12	6	22.38	22.34	22.31	23.00
		12	13	22.42	22.39	22.16	23.00
		25	0	22.34	22.41	22.29	23.00
	16QAM	1	0	22.50	22.59	22.57	23.00
		1	13	22.60	22.72	22.78	23.00
		1	24	22.60	22.70	22.57	23.00
		12	0	21.52	21.43	21.43	22.00
		12	6	21.45	21.58	21.49	22.00
		12	13	21.34	21.36	21.29	22.00

	64QAM	25	0	21.40	21.49	21.34	22.00
		1	0	21.32	21.28	21.28	22.00
		1	13	21.12	21.02	21.10	22.00
		1	24	21.57	21.58	21.50	22.00
		12	0	20.49	20.50	20.45	21.00
		12	6	20.41	20.30	20.42	21.00
		12	13	20.41	20.36	20.37	21.00
	256QAM	25	0	20.32	20.31	20.41	21.00
		1	0	18.26	18.16	18.13	19.00
		1	13	18.24	18.19	18.22	19.00
		1	24	18.47	18.45	18.33	19.00
		12	0	18.19	18.22	18.09	19.00
		12	6	17.97	17.93	18.00	19.00
		12	13	18.09	18.08	18.00	19.00
25	0	18.37	18.40	18.42	19.00		
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20800	21100	21400	
10MHz	QPSK	1	0	23.32	23.34	23.36	24.00
		1	25	23.26	23.28	23.32	24.00
		1	49	23.33	23.28	23.35	24.00
		25	0	22.23	22.32	22.22	23.00
		25	13	22.30	22.34	22.28	23.00
		25	25	22.38	22.35	22.18	23.00
		50	0	22.28	22.43	22.33	23.00
	16QAM	1	0	22.48	22.49	22.56	23.00
		1	25	22.73	22.67	22.71	23.00
		1	49	22.62	22.65	22.64	23.00
		25	0	21.51	21.43	21.42	22.00
		25	13	21.58	21.48	21.37	22.00
		25	25	21.40	21.36	21.42	22.00
		50	0	21.38	21.39	21.46	22.00
	64QAM	1	0	21.27	21.21	21.23	22.00
		1	25	21.14	21.08	21.00	22.00
		1	49	21.54	21.45	21.53	22.00
		25	0	20.50	20.46	20.53	21.00
		25	13	20.34	20.37	20.39	21.00
		25	25	20.48	20.31	20.29	21.00
		50	0	20.35	20.39	20.33	21.00
	256QAM	1	0	18.27	18.11	18.16	19.00
		1	25	18.18	18.20	18.21	19.00

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				20825	21100	21375		
15MHz	QPSK	1	49	18.48	18.32	18.39	19.00	
		25	0	18.27	18.10	18.18	19.00	
		25	13	17.92	17.95	17.99	19.00	
		25	25	18.03	18.11	17.99	19.00	
		50	0	18.32	18.27	18.36	19.00	
	16QAM	16QAM	1	0	23.40	23.37	23.27	24.00
			1	38	23.29	23.29	23.29	24.00
			1	74	23.31	23.39	23.38	24.00
			36	0	22.30	22.31	22.26	23.00
			36	18	22.33	22.31	22.34	23.00
			36	39	22.29	22.38	22.29	23.00
			75	0	22.41	22.45	22.35	23.00
	64QAM	64QAM	1	0	22.43	22.56	22.60	23.00
			1	38	22.67	22.71	22.67	23.00
			1	74	22.62	22.60	22.55	23.00
			36	0	21.50	21.44	21.49	22.00
			36	18	21.57	21.55	21.46	22.00
			36	39	21.38	21.35	21.33	22.00
			75	0	21.29	21.40	21.34	22.00
	256QAM	256QAM	1	0	21.27	21.25	21.20	22.00
1			38	21.03	20.98	21.11	22.00	
1			74	21.60	21.57	21.47	22.00	
36			0	20.57	20.58	20.52	21.00	
36			18	20.38	20.34	20.43	21.00	
36			39	20.40	20.40	20.33	21.00	
75			0	20.32	20.34	20.31	21.00	
20MHz	QPSK	1	0	18.22	18.11	18.11	19.00	
		1	38	18.28	18.21	18.24	19.00	
1		74	18.42	18.45	18.37	19.00		
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				20850	21100	21350		
20MHz	QPSK	1	0	23.39	23.48	23.34	24.00	
		1	50	23.31	23.33	23.32	24.00	
		1	99	23.39	23.27	23.30	24.00	

		50	0	22.20	22.26	22.27	23.00
		50	25	22.27	22.26	22.39	23.00
		50	50	22.34	22.40	22.30	23.00
		100	0	22.40	22.42	22.31	23.00
	16QAM	1	0	22.48	22.55	22.65	23.00
		1	50	22.62	22.61	22.64	23.00
		1	99	22.60	22.62	22.58	23.00
		50	0	21.48	21.45	21.46	22.00
		50	25	21.50	21.49	21.36	22.00
		50	50	21.31	21.44	21.28	22.00
		100	0	21.37	21.42	21.47	22.00
	64QAM	1	0	21.20	21.31	21.20	22.00
		1	50	21.09	21.09	21.03	22.00
		1	99	21.54	21.45	21.44	22.00
		50	0	20.43	20.56	20.55	21.00
		50	25	20.28	20.32	20.34	21.00
		50	50	20.42	20.42	20.36	21.00
		100	0	20.36	20.42	20.37	21.00
	256QAM	1	0	18.22	18.22	18.12	19.00
		1	50	18.26	18.19	18.26	19.00
		1	99	18.41	18.43	18.39	19.00
		50	0	18.15	18.19	18.17	19.00
		50	25	17.88	17.88	17.97	19.00
		50	50	18.06	18.10	17.97	19.00
		100	0	18.32	18.41	18.36	19.00

LTE Band 7 DSI1 DSI5 For ENDC				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20775	21100	21425	
5MHz	QPSK	1	0	14.32	14.47	14.36	15.00
		1	13	14.26	14.33	14.37	15.00
		1	24	14.25	14.39	14.29	15.00
		12	0	14.45	14.52	14.38	15.00
		12	6	14.36	14.44	14.39	15.00
		12	13	14.32	14.36	14.28	15.00
		25	0	14.43	14.51	14.30	15.00
	16QAM	1	0	14.32	14.41	14.36	15.00
		1	13	14.32	14.30	14.21	15.00
		1	24	14.32	14.39	14.34	15.00



		12	0	14.39	14.32	14.34	15.00
		12	6	14.33	14.34	14.34	15.00
		12	13	14.33	14.26	14.26	15.00
		25	0	14.26	14.39	14.31	15.00
	64QAM	1	0	14.28	14.38	14.28	15.00
		1	13	14.33	14.28	14.33	15.00
		1	24	14.31	14.34	14.32	15.00
		12	0	14.40	14.41	14.30	15.00
		12	6	14.31	14.37	14.36	15.00
		12	13	14.32	14.45	14.34	15.00
		25	0	14.43	14.25	14.24	15.00
	256QAM	1	0	14.35	14.40	14.30	15.00
		1	13	14.31	14.38	14.32	15.00
		1	24	14.26	14.41	14.25	15.00
12		0	14.32	14.41	14.32	15.00	
12		6	14.34	14.39	14.28	15.00	
12		13	14.33	14.27	14.34	15.00	
25		0	14.37	14.42	14.23	15.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20800	21100	21400	
10MHz	QPSK	1	0	14.37	14.43	14.38	15.00
		1	25	14.25	14.34	14.24	15.00
		1	49	14.28	14.42	14.36	15.00
		25	0	14.34	14.42	14.39	15.00
		25	13	14.44	14.39	14.37	15.00
		25	25	14.32	14.34	14.25	15.00
		50	0	14.40	14.37	14.39	15.00
	16QAM	1	0	14.33	14.38	14.40	15.00
		1	25	14.30	14.39	14.24	15.00
		1	49	14.36	14.31	14.26	15.00
		25	0	14.29	14.38	14.34	15.00
		25	13	14.28	14.25	14.29	15.00
		25	25	14.33	14.37	14.26	15.00
		50	0	14.37	14.40	14.39	15.00
	64QAM	1	0	14.36	14.31	14.32	15.00
		1	25	14.30	14.35	14.28	15.00
		1	49	14.40	14.35	14.42	15.00
		25	0	14.39	14.41	14.27	15.00
		25	13	14.42	14.34	14.30	15.00
		25	25	14.31	14.44	14.35	15.00

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				20825	21100	21375		
15MHz	256QAM	50	0	14.33	14.35	14.35	15.00	
		1	0	14.39	14.32	14.28	15.00	
		1	25	14.30	14.45	14.24	15.00	
		1	49	14.29	14.41	14.37	15.00	
		25	0	14.28	14.38	14.29	15.00	
		25	13	14.36	14.30	14.24	15.00	
		25	25	14.38	14.29	14.25	15.00	
		50	0	14.29	14.44	14.24	15.00	
	15MHz	QPSK	1	0	14.28	14.48	14.34	15.00
			1	38	14.29	14.35	14.35	15.00
			1	74	14.27	14.38	14.26	15.00
			36	0	14.45	14.41	14.35	15.00
			36	18	14.34	14.47	14.35	15.00
			36	39	14.22	14.40	14.37	15.00
			75	0	14.32	14.51	14.31	15.00
		16QAM	1	0	14.24	14.47	14.35	15.00
			1	38	14.41	14.43	14.28	15.00
			1	74	14.23	14.38	14.35	15.00
			36	0	14.35	14.30	14.34	15.00
			36	18	14.32	14.38	14.40	15.00
			36	39	14.31	14.26	14.30	15.00
			75	0	14.30	14.30	14.32	15.00
		64QAM	1	0	14.29	14.30	14.36	15.00
			1	38	14.41	14.28	14.33	15.00
			1	74	14.39	14.28	14.30	15.00
			36	0	14.38	14.46	14.24	15.00
			36	18	14.36	14.46	14.41	15.00
			36	39	14.24	14.39	14.30	15.00
75			0	14.36	14.34	14.32	15.00	
256QAM		1	0	14.41	14.31	14.22	15.00	
		1	38	14.34	14.39	14.36	15.00	
		1	74	14.27	14.32	14.31	15.00	
		36	0	14.35	14.44	14.29	15.00	
		36	18	14.38	14.27	14.22	15.00	
		36	39	14.32	14.34	14.36	15.00	
		75	0	14.27	14.31	14.28	15.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				20850	21100	21350		

<b>20MHz</b>	<b>QPSK</b>	1	0	14.37	14.54	14.37	15.00
		1	50	14.32	14.39	14.27	15.00
		1	99	14.33	14.39	14.37	15.00
		50	0	14.35	14.46	14.31	15.00
		50	25	14.29	14.44	14.40	15.00
		50	50	14.22	14.40	14.35	15.00
		100	0	14.40	14.47	14.26	15.00
	<b>16QAM</b>	1	0	14.25	14.39	14.35	15.00
		1	50	14.43	14.37	14.29	15.00
		1	99	14.24	14.36	14.36	15.00
		50	0	14.32	14.28	14.35	15.00
		50	25	14.32	14.31	14.33	15.00
		50	50	14.36	14.39	14.25	15.00
		100	0	14.32	14.27	14.35	15.00
	<b>64QAM</b>	1	0	14.26	14.37	14.31	15.00
		1	50	14.27	14.35	14.31	15.00
		1	99	14.34	14.31	14.31	15.00
		50	0	14.39	14.44	14.26	15.00
		50	25	14.41	14.46	14.38	15.00
		50	50	14.37	14.41	14.22	15.00
		100	0	14.41	14.39	14.23	15.00
	<b>256QAM</b>	1	0	14.31	14.33	14.28	15.00
		1	50	14.42	14.43	14.32	15.00
		1	99	14.30	14.33	14.32	15.00
		50	0	14.24	14.44	14.39	15.00
		50	25	14.43	14.34	14.32	15.00
		50	50	14.39	14.37	14.25	15.00
		100	0	14.28	14.43	14.37	15.00

<b>LTE Band 7 DS14 For ENDC</b>				<b>Conducted Power(dBm)</b>			
<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>
				20775	21100	21425	
<b>5MHz</b>	<b>QPSK</b>	1	0	17.29	17.37	17.35	18.00
		1	13	17.24	17.24	17.30	18.00
		1	24	17.17	17.24	17.27	18.00
		12	0	17.33	17.24	17.26	18.00
		12	6	17.25	17.17	17.19	18.00
		12	13	17.28	17.22	17.27	18.00
		25	0	17.27	17.26	17.12	18.00

	16QAM	1	0	17.10	17.13	17.13	18.00
		1	13	17.25	17.23	17.07	18.00
		1	24	17.31	17.24	17.26	18.00
		12	0	17.25	17.28	17.23	18.00
		12	6	17.26	17.20	17.20	18.00
		12	13	17.23	17.21	17.14	18.00
		25	0	17.18	17.29	17.14	18.00
	64QAM	1	0	17.21	17.21	17.19	18.00
		1	13	17.24	17.24	17.24	18.00
		1	24	17.13	17.20	17.14	18.00
		12	0	17.21	17.20	17.18	18.00
		12	6	17.20	17.30	17.16	18.00
		12	13	17.21	17.24	17.12	18.00
		25	0	17.12	17.33	17.24	18.00
	256QAM	1	0	17.19	17.20	17.19	18.00
		1	13	17.15	17.20	17.25	18.00
		1	24	17.27	17.24	17.12	18.00
		12	0	17.27	17.18	17.24	18.00
		12	6	17.25	17.18	17.19	18.00
		12	13	17.17	17.23	17.21	18.00
		25	0	17.18	17.18	17.14	18.00
<b>Bandwidth</b>	<b>Modulation</b>	<b>RB size</b>	<b>RB offset</b>	<b>Channel</b>	<b>Channel</b>	<b>Channel</b>	<b>Tune up</b>
				20800	21100	21400	
<b>10MHz</b>	QPSK	1	0	17.20	17.38	17.37	18.00
		1	25	17.15	17.15	17.19	18.00
		1	49	17.15	17.29	17.27	18.00
		25	0	17.31	17.25	17.27	18.00
		25	13	17.32	17.12	17.16	18.00
		25	25	17.23	17.22	17.18	18.00
		50	0	17.23	17.19	17.15	18.00
	16QAM	1	0	17.25	17.21	17.20	18.00
		1	25	17.21	17.14	17.10	18.00
		1	49	17.29	17.31	17.19	18.00
		25	0	17.28	17.30	17.17	18.00
		25	13	17.12	17.19	17.16	18.00
		25	25	17.16	17.29	17.22	18.00
		50	0	17.18	17.26	17.18	18.00
	64QAM	1	0	17.27	17.17	17.23	18.00
		1	25	17.16	17.26	17.16	18.00
		1	49	17.11	17.30	17.23	18.00

		25	0	17.18	17.25	17.27	18.00		
		25	13	17.30	17.24	17.17	18.00		
		25	25	17.28	17.26	17.16	18.00		
		50	0	17.16	17.28	17.29	18.00		
	256QAM	1	0	17.28	17.26	17.24	18.00		
		1	25	17.15	17.27	17.17	18.00		
		1	49	17.19	17.31	17.16	18.00		
		25	0	17.19	17.16	17.23	18.00		
		25	13	17.28	17.25	17.19	18.00		
		25	25	17.23	17.23	17.22	18.00		
		50	0	17.13	17.21	17.10	18.00		
		Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
						20825	21100	21375	
15MHz	QPSK	1	0	17.24	17.33	17.27	18.00		
		1	38	17.27	17.17	17.19	18.00		
		1	74	17.12	17.25	17.16	18.00		
		36	0	17.31	17.33	17.20	18.00		
		36	18	17.18	17.24	17.17	18.00		
		36	39	17.26	17.32	17.14	18.00		
		75	0	17.30	17.32	17.23	18.00		
	16QAM	1	0	17.19	17.26	17.16	18.00		
		1	38	17.24	17.17	17.17	18.00		
		1	74	17.20	17.20	17.27	18.00		
		36	0	17.22	17.18	17.23	18.00		
		36	18	17.23	17.26	17.21	18.00		
		36	39	17.26	17.27	17.23	18.00		
		75	0	17.20	17.22	17.09	18.00		
	64QAM	1	0	17.29	17.26	17.10	18.00		
		1	38	17.24	17.33	17.12	18.00		
		1	74	17.19	17.20	17.19	18.00		
		36	0	17.26	17.25	17.28	18.00		
		36	18	17.22	17.27	17.13	18.00		
		36	39	17.18	17.25	17.19	18.00		
		75	0	17.22	17.21	17.22	18.00		
	256QAM	1	0	17.19	17.22	17.19	18.00		
		1	38	17.18	17.20	17.20	18.00		
		1	74	17.17	17.26	17.12	18.00		
		36	0	17.31	17.25	17.15	18.00		
		36	18	17.22	17.27	17.28	18.00		
		36	39	17.15	17.24	17.14	18.00		

Bandwidth	Modulation	75	0	17.24	17.13	17.20	18.00
		RB size	RB offset	Channel 20850	Channel 21100	Channel 21350	Tune up
20MHz	QPSK	1	0	17.29	17.42	17.40	18.00
		1	50	17.16	17.20	17.29	18.00
		1	99	17.19	17.28	17.18	18.00
		50	0	17.30	17.25	17.23	18.00
		50	25	17.30	17.13	17.17	18.00
		50	50	17.19	17.25	17.16	18.00
		100	0	17.26	17.19	17.22	18.00
	16QAM	1	0	17.15	17.27	17.27	18.00
		1	50	17.16	17.15	17.17	18.00
		1	99	17.22	17.33	17.23	18.00
		50	0	17.26	17.25	17.26	18.00
		50	25	17.12	17.21	17.15	18.00
		50	50	17.18	17.22	17.22	18.00
		100	0	17.19	17.32	17.08	18.00
	64QAM	1	0	17.21	17.21	17.10	18.00
		1	50	17.26	17.33	17.24	18.00
		1	99	17.20	17.31	17.13	18.00
		50	0	17.26	17.28	17.28	18.00
		50	25	17.22	17.27	17.19	18.00
		50	50	17.26	17.29	17.20	18.00
		100	0	17.22	17.26	17.27	18.00
	256QAM	1	0	17.23	17.29	17.20	18.00
		1	50	17.21	17.18	17.19	18.00
		1	99	17.15	17.25	17.11	18.00
		50	0	17.31	17.22	17.22	18.00
		50	25	17.30	17.14	17.21	18.00
		50	50	17.26	17.26	17.11	18.00
		100	0	17.20	17.21	17.22	18.00

LTE Band 38 Full Power				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37775	38000	38225	
5MHz	QPSK	1	0	25.32	25.33	25.32	25.50
		1	13	25.31	25.23	25.34	25.50
		1	24	25.32	25.29	25.35	25.50
		12	0	24.22	24.20	24.27	24.50

		12	6	24.29	24.28	24.23	24.50
		12	13	24.29	24.28	24.26	24.50
		25	0	24.34	24.31	24.29	24.50
	16QAM	1	0	24.28	24.19	24.19	24.50
		1	13	24.29	24.25	24.20	24.50
		1	24	24.33	24.21	24.20	24.50
		12	0	23.45	23.33	23.36	23.50
		12	6	23.45	23.38	23.45	23.50
		12	13	23.39	23.29	23.32	23.50
		25	0	23.41	23.31	23.30	23.50
		25	0	23.41	23.31	23.30	23.50
	64QAM	1	0	23.23	23.22	23.16	23.50
		1	13	23.00	23.03	23.07	23.50
		1	24	23.26	23.22	23.18	23.50
		12	0	22.45	22.44	22.40	22.50
		12	6	22.29	22.41	22.26	22.50
		12	13	22.37	22.33	22.32	22.50
		25	0	22.37	22.32	22.26	22.50
	256QAM	1	0	20.14	20.19	20.27	20.50
		1	13	20.20	20.13	20.11	20.50
		1	24	20.37	20.33	20.43	20.50
12		0	20.14	20.13	20.16	20.50	
12		6	19.92	19.90	19.92	20.50	
12		13	19.97	19.91	19.98	20.50	
25		0	20.15	20.10	20.15	20.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37800	38000	38200	
10MHz	QPSK	1	0	25.30	25.36	25.40	25.50
		1	25	25.32	25.20	25.34	25.50
		1	49	25.31	25.29	25.36	25.50
		25	0	24.27	24.26	24.30	24.50
		25	13	24.24	24.27	24.20	24.50
		25	25	24.32	24.25	24.25	24.50
		50	0	24.31	24.31	24.29	24.50
	16QAM	1	0	24.33	24.26	24.25	24.50
		1	25	24.35	24.25	24.24	24.50
		1	49	24.36	24.28	24.18	24.50
		25	0	23.44	23.41	23.31	23.50
		25	13	23.45	23.41	23.47	23.50
		25	25	23.39	23.26	23.31	23.50
		50	0	23.39	23.35	23.36	23.50

	64QAM	1	0	23.20	23.20	23.17	23.50
		1	25	23.02	23.09	23.10	23.50
		1	49	23.26	23.20	23.14	23.50
		25	0	22.50	22.42	22.39	22.50
		25	13	22.31	22.39	22.27	22.50
		25	25	22.35	22.35	22.36	22.50
		50	0	22.36	22.32	22.31	22.50
	256QAM	1	0	20.22	20.21	20.19	20.50
		1	25	20.25	20.21	20.13	20.50
		1	49	20.38	20.30	20.35	20.50
		25	0	20.14	20.17	20.11	20.50
		25	13	19.89	19.94	19.94	20.50
		25	25	20.03	19.97	20.01	20.50
		50	0	20.15	20.14	20.18	20.50
<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>
				37825	38000	38175	
<b>15MHz</b>	QPSK	1	0	25.32	25.34	25.37	25.50
		1	38	25.28	25.27	25.39	25.50
		1	74	25.36	25.33	25.34	25.50
		36	0	24.27	24.24	24.29	24.50
		36	18	24.28	24.25	24.26	24.50
		36	39	24.33	24.27	24.24	24.50
		75	0	24.39	24.31	24.29	24.50
	16QAM	1	0	24.35	24.23	24.27	24.50
		1	38	24.32	24.25	24.21	24.50
		1	74	24.32	24.22	24.25	24.50
		36	0	23.47	23.40	23.31	23.50
		36	18	23.42	23.43	23.48	23.50
		36	39	23.36	23.30	23.30	23.50
		75	0	23.36	23.36	23.34	23.50
	64QAM	1	0	23.26	23.20	23.17	23.50
		1	38	22.98	23.08	23.07	23.50
		1	74	23.24	23.17	23.18	23.50
		36	0	22.49	22.46	22.45	22.50
		36	18	22.30	22.42	22.31	22.50
		36	39	22.31	22.31	22.29	22.50
		75	0	22.32	22.37	22.23	22.50
	256QAM	1	0	20.19	20.24	20.24	20.50
		1	38	20.26	20.18	20.17	20.50
		1	74	20.41	20.36	20.36	20.50



Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				37850	38000	38150		
20MHz	QPSK	36	0	20.16	20.11	20.14	20.50	
		36	18	19.94	19.93	19.89	20.50	
		36	39	20.05	19.97	20.01	20.50	
		75	0	20.20	20.13	20.16	20.50	
	16QAM	16QAM	1	0	25.34	25.39	25.32	25.50
			1	50	25.36	25.27	25.34	25.50
			1	99	25.34	25.33	25.31	25.50
			50	0	24.24	24.25	24.32	24.50
			50	25	24.30	24.27	24.21	24.50
			50	50	24.35	24.20	24.24	24.50
			100	0	24.38	24.33	24.32	24.50
	64QAM	64QAM	1	0	24.32	24.24	24.22	24.50
			1	50	24.31	24.28	24.26	24.50
			1	99	24.37	24.26	24.23	24.50
			50	0	23.44	23.33	23.37	23.50
			50	25	23.49	23.47	23.44	23.50
			50	50	23.32	23.30	23.28	23.50
			100	0	23.37	23.39	23.36	23.50
	256QAM	256QAM	1	0	23.25	23.18	23.14	23.50
			1	50	23.05	23.09	23.09	23.50
			1	99	23.23	23.18	23.18	23.50
			50	0	22.45	22.43	22.42	22.50
			50	25	22.32	22.36	22.26	22.50
			50	50	22.33	22.30	22.33	22.50
			100	0	22.35	22.33	22.28	22.50
	256QAM	256QAM	1	0	20.22	20.22	20.20	20.50
			1	50	20.22	20.21	20.15	20.50
			1	99	20.35	20.36	20.35	20.50
			50	0	20.20	20.16	20.12	20.50
			50	25	19.93	19.99	19.95	20.50
50			50	20.01	19.90	20.01	20.50	
100			0	20.17	20.10	20.18	20.50	

LTE Band 38 DS11 DS15				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37775	38000	38225	
5MHz	QPSK	1	0	19.34	19.37	19.26	19.50

		1	13	19.34	19.32	19.25	19.50	
		1	24	19.35	19.34	19.30	19.50	
		12	0	19.33	19.37	19.26	19.50	
		12	6	19.28	19.36	19.30	19.50	
		12	13	19.30	19.30	19.32	19.50	
		25	0	19.31	19.35	19.33	19.50	
	16QAM	1	0	19.28	19.32	19.30	19.50	
		1	13	19.31	19.32	19.28	19.50	
		1	24	19.33	19.31	19.28	19.50	
		12	0	19.32	19.30	19.30	19.50	
		12	6	19.35	19.35	19.27	19.50	
		12	13	19.31	19.31	19.29	19.50	
	64QAM	25	0	19.30	19.34	19.26	19.50	
		1	0	19.34	19.30	19.33	19.50	
		1	13	19.35	19.37	19.32	19.50	
		1	24	19.34	19.37	19.29	19.50	
		12	0	19.33	19.36	19.32	19.50	
		12	6	19.29	19.33	19.32	19.50	
	256QAM	12	13	19.36	19.33	19.29	19.50	
		25	0	19.36	19.31	19.27	19.50	
		1	0	19.28	19.33	19.24	19.50	
		1	13	19.29	19.31	19.32	19.50	
		1	24	19.31	19.35	19.26	19.50	
		12	0	19.33	19.30	19.30	19.50	
	<b>Bandwidth</b>	<b>Modulation</b>	<b>RB size</b>	<b>RB offset</b>	<b>Channel</b>	<b>Channel</b>	<b>Channel</b>	<b>Tune up</b>
					37800	38000	38200	
	<b>10MHz</b>	QPSK	1	0	19.27	19.35	19.31	19.50
			1	25	19.31	19.32	19.33	19.50
1			49	19.27	19.34	19.28	19.50	
25			0	19.35	19.32	19.29	19.50	
25			13	19.32	19.37	19.32	19.50	
25			25	19.29	19.29	19.25	19.50	
16QAM		50	0	19.33	19.29	19.29	19.50	
		1	0	19.27	19.34	19.31	19.50	
		1	25	19.29	19.35	19.28	19.50	
		1	49	19.27	19.35	19.33	19.50	
		25	0	19.33	19.31	19.28	19.50	

	64QAM	25	13	19.34	19.34	19.32	19.50
		25	25	19.31	19.31	19.27	19.50
		50	0	19.35	19.36	19.29	19.50
		1	0	19.33	19.32	19.32	19.50
		1	25	19.35	19.33	19.25	19.50
		1	49	19.30	19.36	19.25	19.50
		25	0	19.29	19.38	19.31	19.50
		25	13	19.34	19.37	19.24	19.50
		25	25	19.30	19.32	19.28	19.50
	50	0	19.29	19.35	19.28	19.50	
	256QAM	1	0	19.32	19.36	19.32	19.50
		1	25	19.31	19.34	19.33	19.50
		1	49	19.35	19.37	19.28	19.50
		25	0	19.29	19.38	19.29	19.50
		25	13	19.29	19.34	19.27	19.50
		25	25	19.32	19.31	19.28	19.50
		50	0	19.34	19.37	19.25	19.50
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
37825					38000	38175	
15MHz	QPSK	1	0	19.27	19.37	19.26	19.50
		1	38	19.28	19.33	19.29	19.50
		1	74	19.32	19.36	19.25	19.50
		36	0	19.29	19.31	19.25	19.50
		36	18	19.33	19.36	19.28	19.50
		36	39	19.35	19.29	19.31	19.50
		75	0	19.32	19.33	19.25	19.50
	16QAM	1	0	19.35	19.33	19.28	19.50
		1	38	19.33	19.34	19.31	19.50
		1	74	19.34	19.29	19.27	19.50
		36	0	19.30	19.33	19.32	19.50
		36	18	19.29	19.36	19.27	19.50
		36	39	19.27	19.33	19.24	19.50
		75	0	19.28	19.34	19.28	19.50
	64QAM	1	0	19.31	19.36	19.25	19.50
		1	38	19.27	19.32	19.32	19.50
		1	74	19.32	19.34	19.25	19.50
		36	0	19.35	19.36	19.28	19.50
		36	18	19.31	19.37	19.25	19.50
		36	39	19.34	19.31	19.28	19.50
		75	0	19.34	19.31	19.33	19.50

	256QAM	1	0	19.33	19.37	19.27	19.50
		1	38	19.27	19.36	19.29	19.50
		1	74	19.29	19.33	19.31	19.50
		36	0	19.31	19.31	19.27	19.50
		36	18	19.28	19.37	19.24	19.50
		36	39	19.33	19.29	19.24	19.50
		75	0	19.33	19.34	19.27	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37850	38000	38150	
20MHz	QPSK	1	0	19.38	19.39	19.37	19.50
		1	50	19.27	19.34	19.32	19.50
		1	99	19.30	19.34	19.27	19.50
		50	0	19.37	19.38	19.34	19.50
		50	25	19.27	19.30	19.31	19.50
		50	50	19.35	19.37	19.31	19.50
		100	0	19.29	19.37	19.30	19.50
	16QAM	1	0	19.33	19.30	19.25	19.50
		1	50	19.34	19.30	19.26	19.50
		1	99	19.29	19.29	19.29	19.50
		50	0	19.36	19.36	19.32	19.50
		50	25	19.29	19.37	19.24	19.50
		50	50	19.32	19.32	19.27	19.50
		100	0	19.31	19.31	19.30	19.50
	64QAM	1	0	19.33	19.30	19.30	19.50
		1	50	19.32	19.36	19.25	19.50
		1	99	19.28	19.30	19.24	19.50
		50	0	19.32	19.38	19.26	19.50
		50	25	19.35	19.36	19.24	19.50
		50	50	19.28	19.36	19.33	19.50
		100	0	19.35	19.36	19.31	19.50
	256QAM	1	0	19.29	19.35	19.25	19.50
		1	50	19.32	19.36	19.25	19.50
		1	99	19.30	19.38	19.33	19.50
		50	0	19.28	19.34	19.28	19.50
		50	25	19.34	19.30	19.25	19.50
		50	50	19.30	19.37	19.26	19.50
		100	0	19.35	19.30	19.26	19.50

LTE Band 38 DS14	Conducted Power(dBm)
------------------	----------------------

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37775	38000	38225	
5MHz	QPSK	1	0	21.90	21.83	21.81	22.00
		1	13	21.86	21.84	21.81	22.00
		1	24	21.88	21.80	21.80	22.00
		12	0	21.88	21.79	21.81	22.00
		12	6	21.84	21.80	21.82	22.00
		12	13	21.87	21.84	21.83	22.00
		25	0	21.93	21.85	21.83	22.00
	16QAM	1	0	21.89	21.84	21.83	22.00
		1	13	21.88	21.81	21.84	22.00
		1	24	21.86	21.83	21.86	22.00
		12	0	21.90	21.87	21.82	22.00
		12	6	21.86	21.82	21.86	22.00
		12	13	21.90	21.86	21.86	22.00
		25	0	21.93	21.81	21.81	22.00
	64QAM	1	0	21.90	21.82	21.82	22.00
		1	13	21.87	21.79	21.81	22.00
		1	24	21.92	21.87	21.80	22.00
		12	0	21.87	21.84	21.78	22.00
		12	6	21.87	21.79	21.83	22.00
		12	13	21.91	21.82	21.87	22.00
		25	0	21.92	21.83	21.83	22.00
	256QAM	1	0	20.27	20.18	20.17	20.50
		1	13	20.24	20.17	20.14	20.50
		1	24	20.34	20.39	20.39	20.50
		12	0	20.18	20.16	20.09	20.50
		12	6	19.91	20.04	19.98	20.50
		12	13	19.98	19.91	20.02	20.50
		25	0	20.20	20.12	20.18	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
10MHz	QPSK	1	0	21.90	21.81	21.79	22.00
		1	25	21.85	21.85	21.78	22.00
		1	49	21.90	21.87	21.81	22.00
		25	0	21.91	21.82	21.85	22.00
		25	13	21.92	21.87	21.84	22.00
		25	25	21.92	21.82	21.79	22.00
		50	0	21.90	21.82	21.85	22.00
	16QAM	1	0	21.88	21.79	21.81	22.00

		1	25	21.93	21.85	21.82	22.00	
		1	49	21.92	21.79	21.85	22.00	
		25	0	21.87	21.80	21.85	22.00	
		25	13	21.89	21.82	21.84	22.00	
		25	25	21.86	21.79	21.79	22.00	
		50	0	21.87	21.84	21.80	22.00	
	64QAM	1	0	21.85	21.87	21.80	22.00	
		1	25	21.88	21.81	21.85	22.00	
		1	49	21.88	21.82	21.85	22.00	
		25	0	21.93	21.83	21.80	22.00	
		25	13	21.91	21.84	21.83	22.00	
		25	25	21.86	21.80	21.83	22.00	
	256QAM	50	0	21.91	21.82	21.79	22.00	
		1	0	20.25	20.20	20.17	20.50	
		1	25	20.23	20.21	20.18	20.50	
		1	49	20.34	20.41	20.32	20.50	
		25	0	20.25	20.16	20.15	20.50	
		25	13	19.93	20.03	19.95	20.50	
		25	25	19.97	19.89	19.97	20.50	
		50	0	20.14	20.10	20.23	20.50	
		<b>Bandwidth</b>	<b>Modulation</b>	<b>RB size</b>	<b>RB offset</b>	<b>Channel</b>	<b>Channel</b>	<b>Channel</b>
					37825	38000	38175	
<b>15MHz</b>		QPSK	1	0	21.86	21.79	21.78	22.00
			1	38	21.90	21.86	21.82	22.00
	1		74	21.90	21.86	21.85	22.00	
	36		0	21.88	21.81	21.82	22.00	
	36		18	21.89	21.82	21.86	22.00	
	36		39	21.87	21.84	21.81	22.00	
	16QAM	75	0	21.93	21.85	21.86	22.00	
		1	0	21.86	21.82	21.81	22.00	
		1	38	21.91	21.80	21.82	22.00	
		1	74	21.90	21.85	21.81	22.00	
		36	0	21.86	21.85	21.86	22.00	
		36	18	21.86	21.84	21.81	22.00	
	64QAM	36	39	21.88	21.87	21.83	22.00	
		75	0	21.87	21.79	21.79	22.00	
		1	0	21.92	21.84	21.85	22.00	
		1	38	21.91	21.79	21.81	22.00	
		1	74	21.88	21.78	21.78	22.00	
		36	0	21.91	21.85	21.85	22.00	

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				37850	38000	38150		
20MHz	256QAM	36	18	21.84	21.78	21.86	22.00	
		36	39	21.89	21.82	21.85	22.00	
		75	0	21.90	21.83	21.79	22.00	
		1	0	20.19	20.25	20.20	20.50	
		1	38	20.27	20.22	20.11	20.50	
		1	74	20.36	20.37	20.35	20.50	
		36	0	20.21	20.12	20.10	20.50	
		36	18	19.91	19.97	19.97	20.50	
		36	39	20.02	19.92	20.02	20.50	
	75	0	20.13	20.14	20.15	20.50		
	20MHz	QPSK	1	0	21.89	21.97	21.88	22.00
			1	50	21.85	21.80	21.80	22.00
			1	99	21.88	21.87	21.79	22.00
			50	0	21.84	21.89	21.89	22.00
			50	25	21.82	21.81	21.79	22.00
			50	50	21.83	21.81	21.85	22.00
			100	0	21.82	21.86	21.83	22.00
		16QAM	1	0	21.91	21.84	21.86	22.00
			1	50	21.90	21.82	21.87	22.00
			1	99	21.91	21.81	21.84	22.00
			50	0	21.85	21.80	21.81	22.00
			50	25	21.89	21.81	21.87	22.00
			50	50	21.85	21.84	21.79	22.00
			100	0	21.86	21.82	21.84	22.00
		64QAM	1	0	21.91	21.79	21.79	22.00
			1	50	21.89	21.82	21.80	22.00
			1	99	21.91	21.85	21.83	22.00
			50	0	21.92	21.86	21.78	22.00
50			25	21.89	21.85	21.83	22.00	
50			50	21.88	21.81	21.86	22.00	
100			0	21.87	21.79	21.79	22.00	
256QAM		1	0	20.24	20.24	20.22	20.50	
		1	50	20.27	20.24	20.12	20.50	
		1	99	20.37	20.38	20.37	20.50	
		50	0	20.23	20.20	20.17	20.50	
		50	25	19.96	19.97	19.93	20.50	
		50	50	20.03	19.94	19.99	20.50	
		100	0	20.14	20.13	20.20	20.50	

LTE Band 41(2496~2690) Full Power				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	25.34	25.30	25.30	25.30	25.33	25.70
		1	13	25.29	25.28	25.27	25.31	25.31	25.70
		1	24	25.27	25.30	25.33	25.36	25.35	25.70
		12	0	24.27	24.27	24.24	24.24	24.28	24.70
		12	6	24.30	24.36	24.32	24.32	24.28	24.70
		12	13	24.31	24.24	24.28	24.31	24.26	24.70
		25	0	24.30	24.30	24.32	24.31	24.26	24.70
	16QAM	1	0	24.31	24.32	24.28	24.30	24.22	24.70
		1	13	24.31	24.21	24.21	24.26	24.22	24.70
		1	24	24.34	24.28	24.27	24.26	24.20	24.70
		12	0	23.41	23.38	23.36	23.38	23.33	23.70
		12	6	23.42	23.39	23.40	23.41	23.49	23.70
		12	13	23.35	23.30	23.31	23.32	23.24	23.70
		25	0	23.38	23.29	23.32	23.35	23.35	23.70
	64QAM	1	0	23.18	23.26	23.24	23.29	23.13	23.70
		1	13	23.01	22.98	23.02	23.05	23.06	23.70
		1	24	23.21	23.19	23.16	23.18	23.12	23.70
		12	0	22.44	22.48	22.46	22.42	22.38	22.70
		12	6	22.38	22.38	22.39	22.37	22.27	22.70
		12	13	22.38	22.34	22.30	22.27	22.29	22.70
		25	0	22.30	22.34	22.36	22.41	22.25	22.70
	256QAM	1	0	20.17	20.16	20.19	20.17	20.19	20.70
		1	13	20.23	20.15	20.13	20.10	20.16	20.70
		1	24	20.41	20.33	20.34	20.32	20.35	20.70
		12	0	20.19	20.10	20.11	20.12	20.13	20.70
		12	6	19.89	19.93	19.94	19.96	19.93	20.70
		12	13	19.98	19.96	19.96	19.92	20.01	20.70
		25	0	20.21	20.11	20.13	20.12	20.18	20.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
10MHz	QPSK	1	0	25.31	25.34	25.28	25.31	25.33	25.70
		1	25	25.32	25.24	25.28	25.31	25.31	25.70
		1	49	25.32	25.33	25.35	25.32	25.32	25.70



		25	0	24.20	24.27	24.23	24.29	24.32	24.70
		25	13	24.29	24.28	24.26	24.29	24.25	24.70
		25	25	24.37	24.27	24.22	24.32	24.20	24.70
		50	0	24.35	24.29	24.33	24.28	24.32	24.70
	16QAM	1	0	24.30	24.26	24.21	24.25	24.27	24.70
		1	25	24.29	24.20	24.24	24.20	24.18	24.70
		1	49	24.31	24.31	24.27	24.31	24.18	24.70
		25	0	23.47	23.32	23.36	23.33	23.35	23.70
		25	13	23.45	23.41	23.40	23.41	23.43	23.70
		25	25	23.33	23.35	23.28	23.28	23.25	23.70
		50	0	23.35	23.36	23.33	23.36	23.35	23.70
	64QAM	1	0	23.21	23.20	23.23	23.23	23.14	23.70
		1	25	23.03	23.06	23.06	23.02	23.07	23.70
		1	49	23.26	23.20	23.17	23.18	23.11	23.70
		25	0	22.50	22.47	22.48	22.43	22.42	22.70
		25	13	22.38	22.39	22.36	22.42	22.24	22.70
		25	25	22.34	22.27	22.30	22.34	22.31	22.70
		50	0	22.33	22.37	22.39	22.41	22.23	22.70
	256QAM	1	0	20.14	20.15	20.25	20.21	20.20	20.70
		1	25	20.19	20.13	20.17	20.18	20.15	20.70
		1	49	20.37	20.34	20.36	20.38	20.41	20.70
		25	0	20.18	20.09	20.18	20.08	20.18	20.70
		25	13	19.92	19.94	19.91	19.92	19.88	20.70
		25	25	19.97	19.92	19.96	19.97	19.99	20.70
50		0	20.19	20.17	20.10	20.15	20.15	20.70	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39725	40173	40620	41068	41515	
15MHz	QPSK	1	0	25.30	25.28	25.30	25.28	25.38	25.70
		1	38	25.27	25.28	25.21	25.31	25.34	25.70
		1	74	25.28	25.33	25.28	25.34	25.33	25.70
		36	0	24.27	24.23	24.24	24.28	24.26	24.70
		36	18	24.26	24.36	24.31	24.29	24.24	24.70
		36	39	24.36	24.26	24.23	24.31	24.22	24.70
		75	0	24.33	24.30	24.31	24.35	24.32	24.70
	16QAM	1	0	24.32	24.25	24.27	24.31	24.20	24.70
		1	38	24.31	24.25	24.22	24.25	24.19	24.70
		1	74	24.35	24.31	24.22	24.31	24.22	24.70
		36	0	23.45	23.36	23.37	23.33	23.35	23.70
		36	18	23.46	23.42	23.40	23.36	23.51	23.70
		36	39	23.39	23.32	23.32	23.35	23.29	23.70

	64QAM	75	0	23.36	23.35	23.39	23.33	23.33	23.70
		1	0	23.23	23.26	23.19	23.29	23.09	23.70
		1	38	22.98	23.01	23.04	23.05	23.08	23.70
		1	74	23.23	23.12	23.17	23.16	23.11	23.70
		36	0	22.49	22.46	22.46	22.48	22.44	22.70
		36	18	22.32	22.41	22.36	22.35	22.25	22.70
		36	39	22.33	22.26	22.28	22.29	22.34	22.70
		75	0	22.34	22.32	22.35	22.33	22.28	22.70
	256QAM	1	0	20.13	20.16	20.19	20.23	20.23	20.70
		1	38	20.25	20.18	20.16	20.15	20.18	20.70
		1	74	20.37	20.33	20.33	20.35	20.39	20.70
		36	0	20.19	20.09	20.11	20.14	20.16	20.70
		36	18	19.90	19.98	19.91	19.96	19.90	20.70
		36	39	20.00	19.99	19.95	19.97	19.98	20.70
75		0	20.14	20.11	20.13	20.12	20.19	20.70	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39750	40185	40620	41055	41490	
20MHz	QPSK	1	0	25.34	25.34	25.42	25.33	25.37	25.70
		1	50	25.30	25.27	25.21	25.27	25.35	25.70
		1	99	25.31	25.31	25.32	25.32	25.36	25.70
		50	0	24.28	24.26	24.22	24.25	24.28	24.70
		50	25	24.25	24.29	24.26	24.30	24.27	24.70
		50	50	24.29	24.32	24.27	24.29	24.25	24.70
		100	0	24.34	24.30	24.28	24.30	24.30	24.70
	16QAM	1	0	24.29	24.30	24.25	24.25	24.25	24.70
		1	50	24.31	24.25	24.22	24.22	24.23	24.70
		1	99	24.29	24.26	24.21	24.31	24.22	24.70
		50	0	23.41	23.40	23.36	23.41	23.34	23.70
		50	25	23.47	23.45	23.42	23.38	23.50	23.70
		50	50	23.32	23.29	23.30	23.35	23.28	23.70
		100	0	23.36	23.31	23.32	23.32	23.32	23.70
	64QAM	1	0	23.19	23.23	23.17	23.25	23.14	23.70
		1	50	22.98	22.98	23.10	23.04	23.06	23.70
		1	99	23.21	23.17	23.21	23.14	23.14	23.70
		50	0	22.51	22.50	22.47	22.48	22.39	22.70
		50	25	22.37	22.40	22.36	22.43	22.25	22.70
		50	50	22.35	22.29	22.28	22.29	22.35	22.70
		100	0	22.30	22.37	22.37	22.34	22.28	22.70
	256QAM	1	0	20.21	20.16	20.20	20.20	20.27	20.70
		1	50	20.22	20.16	20.14	20.11	20.14	20.70

		1	99	20.37	20.34	20.35	20.34	20.37	20.70
		50	0	20.17	20.15	20.13	20.08	20.19	20.70
		50	25	19.93	19.97	19.95	19.94	19.89	20.70
		50	50	20.05	19.98	19.96	19.94	20.04	20.70
		100	0	20.17	20.12	20.11	20.16	20.19	20.70

LTE Band 41(2496~2690) DSI1 DSI5				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	19.32	19.31	19.30	19.35	19.25	19.70	
		1	13	19.27	19.33	19.34	19.35	19.29	19.70	
		1	24	19.32	19.29	19.28	19.32	19.27	19.70	
		12	0	19.34	19.31	19.30	19.33	19.32	19.70	
		12	6	19.35	19.33	19.27	19.34	19.32	19.70	
		12	13	19.30	19.30	19.34	19.32	19.26	19.70	
		25	0	19.27	19.37	19.29	19.32	19.26	19.70	
	16QAM	1	0	19.29	19.31	19.33	19.32	19.32	19.70	
		1	13	19.32	19.34	19.33	19.32	19.30	19.70	
		1	24	19.32	19.33	19.31	19.32	19.30	19.70	
		12	0	19.28	19.32	19.32	19.29	19.27	19.70	
		12	6	19.30	19.32	19.36	19.34	19.31	19.70	
		12	13	19.32	19.31	19.29	19.36	19.31	19.70	
		25	0	19.27	19.34	19.29	19.33	19.28	19.70	
	64QAM	1	0	19.35	19.32	19.28	19.35	19.26	19.70	
		1	13	19.36	19.33	19.36	19.37	19.31	19.70	
		1	24	19.28	19.34	19.32	19.33	19.32	19.70	
		12	0	19.36	19.33	19.30	19.32	19.33	19.70	
		12	6	19.28	19.31	19.33	19.30	19.28	19.70	
		12	13	19.29	19.36	19.32	19.37	19.27	19.70	
		25	0	19.29	19.35	19.36	19.31	19.28	19.70	
	256QAM	1	0	19.34	19.34	19.33	19.36	19.30	19.70	
		1	13	19.32	19.35	19.33	19.35	19.29	19.70	
		1	24	19.29	19.36	19.32	19.34	19.30	19.70	
		12	0	19.34	19.32	19.30	19.30	19.32	19.70	
		12	6	19.36	19.38	19.33	19.35	19.30	19.70	
		12	13	19.31	19.34	19.34	19.30	19.30	19.70	
		25	0	19.30	19.36	19.33	19.35	19.29	19.70	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
					39700	40160	40620	41080	41540	

10MHz	QPSK	1	0	19.28	19.37	19.29	19.37	19.26	19.70
		1	25	19.32	19.38	19.30	19.31	19.28	19.70
		1	49	19.31	19.38	19.33	19.33	19.25	19.70
		25	0	19.28	19.37	19.35	19.30	19.27	19.70
		25	13	19.29	19.30	19.30	19.35	19.30	19.70
		25	25	19.32	19.30	19.34	19.30	19.31	19.70
		50	0	19.30	19.34	19.35	19.34	19.25	19.70
	16QAM	1	0	19.27	19.36	19.33	19.37	19.26	19.70
		1	25	19.32	19.30	19.34	19.35	19.27	19.70
		1	49	19.32	19.35	19.34	19.35	19.33	19.70
		25	0	19.30	19.35	19.35	19.29	19.30	19.70
		25	13	19.36	19.29	19.36	19.32	19.28	19.70
		25	25	19.32	19.35	19.30	19.36	19.28	19.70
		50	0	19.30	19.30	19.34	19.34	19.25	19.70
	64QAM	1	0	19.33	19.35	19.35	19.33	19.30	19.70
		1	25	19.33	19.38	19.32	19.33	19.32	19.70
		1	49	19.27	19.35	19.35	19.38	19.29	19.70
		25	0	19.35	19.34	19.34	19.34	19.28	19.70
		25	13	19.32	19.30	19.34	19.29	19.29	19.70
		25	25	19.34	19.37	19.31	19.29	19.29	19.70
		50	0	19.29	19.30	19.32	19.36	19.25	19.70
	256QAM	1	0	19.36	19.36	19.29	19.37	19.32	19.70
		1	25	19.35	19.37	19.27	19.30	19.27	19.70
		1	49	19.33	19.38	19.31	19.37	19.31	19.70
		25	0	19.30	19.30	19.28	19.36	19.27	19.70
		25	13	19.31	19.32	19.35	19.37	19.33	19.70
		25	25	19.32	19.32	19.36	19.34	19.27	19.70
		50	0	19.34	19.37	19.28	19.33	19.31	19.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
15MHz	QPSK	1	0	19.28	19.36	19.34	19.31	19.28	19.70
		1	38	19.36	19.34	19.33	19.32	19.30	19.70
		1	74	19.34	19.33	19.33	19.31	19.24	19.70
		36	0	19.36	19.35	19.30	19.34	19.28	19.70
		36	18	19.30	19.35	19.27	19.35	19.32	19.70
		36	39	19.32	19.30	19.27	19.36	19.25	19.70
		75	0	19.31	19.38	19.32	19.31	19.26	19.70
	16QAM	1	0	19.28	19.36	19.28	19.32	19.29	19.70
		1	38	19.27	19.35	19.30	19.36	19.26	19.70
		1	74	19.30	19.32	19.32	19.38	19.26	19.70

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39750	40185	40620	41055	41490	
20MHz	64QAM	36	0	19.36	19.33	19.31	19.32	19.30	19.70
		36	18	19.29	19.36	19.27	19.36	19.24	19.70
		36	39	19.29	19.31	19.32	19.37	19.27	19.70
		75	0	19.36	19.32	19.33	19.37	19.31	19.70
		1	0	19.28	19.35	19.31	19.33	19.29	19.70
		1	38	19.35	19.37	19.32	19.29	19.25	19.70
		1	74	19.31	19.35	19.31	19.35	19.26	19.70
	256QAM	36	0	19.28	19.35	19.27	19.37	19.29	19.70
		36	18	19.31	19.34	19.34	19.29	19.28	19.70
		36	39	19.32	19.37	19.34	19.30	19.26	19.70
		75	0	19.36	19.30	19.29	19.34	19.26	19.70
		1	0	19.28	19.35	19.30	19.38	19.33	19.70
		1	38	19.35	19.29	19.33	19.31	19.31	19.70
		1	74	19.33	19.33	19.34	19.37	19.25	19.70
	QPSK	36	0	19.34	19.35	19.35	19.30	19.28	19.70
		36	18	19.30	19.35	19.28	19.35	19.25	19.70
		36	39	19.31	19.34	19.32	19.37	19.24	19.70
		75	0	19.33	19.31	19.34	19.30	19.27	19.70
		1	0	19.37	19.38	19.43	19.39	19.29	19.70
		1	50	19.32	19.34	19.29	19.38	19.28	19.70
		1	99	19.35	19.34	19.28	19.32	19.28	19.70
	16QAM	50	0	19.33	19.37	19.39	19.37	19.36	19.70
		50	25	19.28	19.35	19.30	19.32	19.31	19.70
		50	50	19.30	19.29	19.29	19.34	19.26	19.70
		100	0	19.33	19.30	19.41	19.30	19.25	19.70
		1	0	19.34	19.30	19.28	19.29	19.28	19.70
		1	50	19.35	19.31	19.31	19.34	19.27	19.70
		1	99	19.32	19.32	19.31	19.35	19.26	19.70
64QAM	50	0	19.28	19.35	19.29	19.36	19.25	19.70	
	50	25	19.35	19.34	19.32	19.34	19.30	19.70	
	50	50	19.29	19.36	19.32	19.29	19.29	19.70	
	100	0	19.29	19.33	19.32	19.33	19.27	19.70	
	1	0	19.35	19.37	19.30	19.37	19.29	19.70	
	1	50	19.28	19.37	19.27	19.31	19.26	19.70	
64QAM	1	99	19.35	19.32	19.32	19.30	19.32	19.70	
	50	0	19.35	19.33	19.32	19.36	19.29	19.70	
	50	25	19.30	19.36	19.33	19.34	19.26	19.70	
	50	50	19.35	19.35	19.32	19.34	19.25	19.70	

	256QAM	100	0	19.33	19.37	19.35	19.31	19.28	19.70
		1	0	19.29	19.37	19.34	19.30	19.25	19.70
		1	50	19.31	19.30	19.35	19.31	19.32	19.70
		1	99	19.29	19.30	19.35	19.30	19.29	19.70
		50	0	19.36	19.30	19.32	19.36	19.27	19.70
		50	25	19.35	19.31	19.31	19.29	19.30	19.70
		50	50	19.32	19.32	19.28	19.29	19.31	19.70
		100	0	19.31	19.36	19.32	19.35	19.33	19.70

LTE Band 41(2496~2690) DS14				Conducted Power(dBm)					
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39675	40148	40620	41093	41565	
5MHz	QPSK	1	0	21.90	21.78	21.85	21.80	21.87	22.20
		1	13	21.90	21.81	21.85	21.75	21.81	22.20
		1	24	21.85	21.76	21.86	21.76	21.81	22.20
		12	0	21.84	21.81	21.88	21.77	21.81	22.20
		12	6	21.84	21.79	21.86	21.76	21.81	22.20
		12	13	21.89	21.81	21.87	21.78	21.82	22.20
		25	0	21.89	21.77	21.92	21.78	21.80	22.20
	16QAM	1	0	21.89	21.80	21.85	21.84	21.85	22.20
		1	13	21.88	21.79	21.88	21.80	21.85	22.20
		1	24	21.92	21.78	21.85	21.76	21.87	22.20
		12	0	21.89	21.83	21.91	21.82	21.82	22.20
		12	6	21.91	21.80	21.90	21.82	21.88	22.20
		12	13	21.87	21.80	21.83	21.77	21.88	22.20
		25	0	21.89	21.81	21.88	21.75	21.86	22.20
	64QAM	1	0	21.86	21.77	21.86	21.82	21.87	22.20
		1	13	21.89	21.78	21.86	21.81	21.86	22.20
		1	24	21.84	21.82	21.85	21.75	21.85	22.20
		12	0	21.88	21.79	21.85	21.84	21.84	22.20
		12	6	21.88	21.76	21.92	21.81	21.79	22.20
		12	13	21.89	21.79	21.86	21.79	21.86	22.20
		25	0	21.86	21.75	21.88	21.80	21.87	22.20
	256QAM	1	0	20.23	20.21	20.21	20.26	20.22	20.70
		1	13	20.23	20.15	20.22	20.21	20.19	20.70
		1	24	20.35	20.36	20.36	20.37	20.41	20.70
12		0	20.18	20.12	20.20	20.12	20.11	20.70	
12		6	19.87	19.95	19.90	19.96	19.86	20.70	
12		13	20.00	19.95	20.00	19.98	19.97	20.70	

Bandwidth	Modulation	25	0	20.17	20.09	20.15	20.12	20.17	20.70
		RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
10MHz	QPSK	1	0	39700	40160	40620	41080	41540	22.20
		1	25	21.86	21.82	21.87	21.75	21.81	22.20
		1	49	21.91	21.82	21.89	21.83	21.81	22.20
		25	0	21.88	21.78	21.91	21.76	21.81	22.20
		25	13	21.88	21.83	21.86	21.78	21.83	22.20
		25	25	21.86	21.83	21.91	21.78	21.86	22.20
		50	0	21.91	21.81	21.84	21.81	21.84	22.20
	16QAM	1	0	21.89	21.81	21.89	21.78	21.82	22.20
		1	25	21.88	21.83	21.85	21.76	21.80	22.20
		1	49	21.84	21.78	21.89	21.79	21.82	22.20
		25	0	21.86	21.78	21.88	21.77	21.84	22.20
		25	13	21.92	21.80	21.91	21.78	21.85	22.20
		25	25	21.91	21.81	21.88	21.78	21.85	22.20
		50	0	21.85	21.76	21.88	21.80	21.87	22.20
	64QAM	1	0	21.89	21.79	21.88	21.77	21.83	22.20
		1	25	21.85	21.82	21.87	21.81	21.86	22.20
		1	49	21.88	21.83	21.90	21.80	21.87	22.20
		25	0	21.83	21.82	21.89	21.84	21.82	22.20
		25	13	21.88	21.80	21.91	21.77	21.88	22.20
		25	25	21.89	21.75	21.91	21.77	21.83	22.20
		50	0	21.88	21.81	21.90	21.80	21.83	22.20
	256QAM	1	0	21.89	21.76	21.83	21.76	21.83	22.20
		1	25	20.23	20.26	20.17	20.19	20.24	20.70
		1	49	20.26	20.19	20.23	20.20	20.15	20.70
		25	0	20.39	20.32	20.35	20.38	20.43	20.70
		25	13	20.24	20.16	20.25	20.10	20.19	20.70
		25	25	19.95	19.95	19.92	19.92	19.91	20.70
		50	0	20.01	20.00	19.97	20.01	19.96	20.70
	50	0	20.12	20.08	20.14	20.15	20.20	20.70	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel
39725					40173	40620	41068	41515	
15MHz	QPSK	1	0	21.91	21.79	21.89	21.80	21.84	22.20
		1	38	21.85	21.80	21.89	21.75	21.84	22.20
		1	74	21.84	21.77	21.90	21.81	21.86	22.20
		36	0	21.88	21.78	21.87	21.81	21.85	22.20
		36	18	21.86	21.81	21.85	21.79	21.80	22.20
		36	39	21.89	21.79	21.89	21.78	21.83	22.20
		75	0	21.90	21.77	21.84	21.83	21.83	22.20

	16QAM	1	0	21.90	21.84	21.87	21.77	21.88	22.20
		1	38	21.87	21.81	21.92	21.77	21.85	22.20
		1	74	21.85	21.80	21.84	21.75	21.85	22.20
		36	0	21.92	21.79	21.85	21.78	21.82	22.20
		36	18	21.90	21.80	21.88	21.75	21.86	22.20
		36	39	21.91	21.80	21.85	21.76	21.86	22.20
		75	0	21.89	21.75	21.90	21.82	21.79	22.20
	64QAM	1	0	21.91	21.78	21.91	21.79	21.86	22.20
		1	38	21.85	21.79	21.90	21.77	21.80	22.20
		1	74	21.87	21.77	21.86	21.81	21.84	22.20
		36	0	21.83	21.81	21.91	21.81	21.87	22.20
		36	18	21.86	21.76	21.88	21.83	21.83	22.20
		36	39	21.86	21.80	21.86	21.83	21.85	22.20
	256QAM	75	0	21.86	21.80	21.86	21.83	21.83	22.20
		1	0	20.23	20.23	20.22	20.21	20.26	20.70
		1	38	20.25	20.19	20.28	20.17	20.14	20.70
		1	74	20.41	20.31	20.32	20.39	20.42	20.70
		36	0	20.21	20.16	20.24	20.14	20.15	20.70
		36	18	19.87	19.94	19.89	19.95	19.88	20.70
		36	39	20.04	19.99	19.96	19.97	20.03	20.70
	75	0	20.16	20.08	20.15	20.13	20.19	20.70	
<b>Bandwidth</b>	<b>Modulation</b>	<b>RB size</b>	<b>RB offset</b>	<b>Channel</b>	<b>Channel</b>	<b>Channel</b>	<b>Channel</b>	<b>Channel</b>	<b>Tune up</b>
				39750	40185	40620	41055	41490	
<b>20MHz</b>	QPSK	1	0	21.96	21.98	22.06	21.90	21.93	22.20
		1	50	21.86	21.78	21.92	21.76	21.81	22.20
		1	99	21.85	21.80	21.83	21.82	21.81	22.20
		50	0	21.91	21.85	21.97	21.93	21.89	22.20
		50	25	21.84	21.81	21.90	21.79	21.79	22.20
		50	50	21.86	21.82	21.85	21.80	21.82	22.20
		100	0	21.92	21.82	21.96	21.78	21.85	22.20
	16QAM	1	0	21.88	21.79	21.87	21.82	21.80	22.20
		1	50	21.86	21.83	21.89	21.77	21.86	22.20
		1	99	21.89	21.76	21.85	21.76	21.84	22.20
		50	0	21.86	21.82	21.89	21.81	21.83	22.20
		50	25	21.90	21.77	21.90	21.81	21.87	22.20
		50	50	21.89	21.75	21.89	21.76	21.87	22.20
		100	0	21.85	21.81	21.83	21.80	21.84	22.20
	64QAM	1	0	21.86	21.77	21.91	21.75	21.83	22.20
		1	50	21.87	21.77	21.84	21.75	21.80	22.20
		1	99	21.90	21.76	21.84	21.81	21.87	22.20



		50	0	21.89	21.76	21.88	21.76	21.80	22.20	
		50	25	21.91	21.80	21.89	21.78	21.82	22.20	
		50	50	21.84	21.76	21.88	21.75	21.85	22.20	
		100	0	21.88	21.81	21.90	21.75	21.79	22.20	
	256QAM		1	0	20.25	20.19	20.23	20.23	20.23	20.70
			1	50	20.24	20.20	20.22	20.17	20.21	20.70
			1	99	20.38	20.38	20.41	20.35	20.44	20.70
			50	0	20.17	20.14	20.19	20.15	20.15	20.70
			50	25	19.92	19.93	19.87	19.96	19.90	20.70
			50	50	19.96	19.98	19.97	20.01	19.98	20.70
			100	0	20.14	20.08	20.11	20.12	20.19	20.70

LTE Band 66 Full Power				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131979	132322	132665	
1.4MHz	QPSK	1	0	25.31	25.33	25.35	25.70
		1	2	25.27	25.25	25.33	25.70
		1	5	25.35	25.35	25.32	25.70
		3	0	25.27	25.21	25.31	25.70
		3	1	25.29	25.25	25.32	25.70
		3	3	25.29	25.23	25.31	25.70
		6	0	24.34	24.26	24.29	24.70
	16QAM	1	0	24.31	24.21	24.23	24.70
		1	2	24.29	24.19	24.23	24.70
		1	5	24.30	24.24	24.24	24.70
		3	0	24.30	24.25	24.20	24.70
		3	1	24.29	24.21	24.19	24.70
		3	3	24.34	24.20	24.24	24.70
		6	0	23.40	23.35	23.31	23.70
	64QAM	1	0	23.22	23.17	23.10	23.70
		1	2	22.99	23.04	23.12	23.70
		1	5	23.21	23.15	23.17	23.70
		3	0	23.05	23.06	23.06	23.70
		3	1	23.03	23.10	23.12	23.70
		3	3	23.05	23.04	23.05	23.70
		6	0	22.37	22.34	22.30	22.70
	256QAM	1	0	20.21	20.18	20.19	20.70
		1	2	20.26	20.14	20.16	20.70

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				131987	132322	132657		
3MHz	QPSK	1	5	20.37	20.31	20.38	20.70	
		3	0	20.14	20.13	20.15	20.70	
		3	1	19.90	19.96	19.92	20.70	
		3	3	20.03	19.91	20.03	20.70	
		6	0	20.21	20.17	20.18	20.70	
	16QAM	16QAM	1	0	25.35	25.31	25.36	25.70
			1	7	25.33	25.21	25.36	25.70
			1	14	25.36	25.28	25.40	25.70
			8	0	24.26	24.27	24.29	24.70
			8	4	24.27	24.31	24.28	24.70
			8	7	24.28	24.27	24.26	24.70
			15	0	24.35	24.32	24.26	24.70
	64QAM	64QAM	1	0	24.31	24.20	24.23	24.70
			1	7	24.34	24.20	24.25	24.70
			1	14	24.32	24.21	24.20	24.70
			8	0	23.45	23.40	23.34	23.70
			8	4	23.43	23.39	23.49	23.70
			8	7	23.39	23.25	23.32	23.70
			15	0	23.41	23.36	23.32	23.70
	256QAM	256QAM	1	0	23.20	23.22	23.13	23.70
			1	7	23.02	23.11	23.12	23.70
			1	14	23.21	23.22	23.13	23.70
			8	0	22.47	22.44	22.42	22.70
			8	4	22.30	22.42	22.29	22.70
			8	7	22.38	22.34	22.31	22.70
15			0	22.36	22.38	22.25	22.70	
5MHz	QPSK	1	0	20.21	20.21	20.20	20.70	
		1	7	20.27	20.14	20.15	20.70	
1		14	20.39	20.37	20.38	20.70		
5MHz	QPSK	8	0	20.17	20.12	20.14	20.70	
		8	4	19.97	19.97	19.88	20.70	
5MHz	QPSK	8	7	19.98	19.97	19.99	20.70	
		15	0	20.18	20.16	20.12	20.70	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				131997	132322	132647		
5MHz	QPSK	1	0	25.28	25.29	25.39	25.70	
		1	13	25.36	25.20	25.37	25.70	
		1	24	25.32	25.33	25.37	25.70	

		12	0	24.22	24.21	24.32	24.70
		12	6	24.25	24.25	24.26	24.70
		12	13	24.36	24.20	24.22	24.70
		25	0	24.38	24.33	24.26	24.70
	16QAM	1	0	24.33	24.25	24.23	24.70
		1	13	24.34	24.22	24.25	24.70
		1	24	24.29	24.26	24.26	24.70
		12	0	23.42	23.41	23.34	23.70
		12	6	23.41	23.40	23.51	23.70
		12	13	23.38	23.31	23.28	23.70
		25	0	23.39	23.37	23.29	23.70
	64QAM	1	0	23.24	23.21	23.16	23.70
		1	13	23.02	23.03	23.07	23.70
		1	24	23.20	23.21	23.11	23.70
		12	0	22.44	22.42	22.38	22.70
		12	6	22.34	22.35	22.28	22.70
		12	13	22.35	22.30	22.31	22.70
		25	0	22.31	22.41	22.23	22.70
	256QAM	1	0	20.15	20.17	20.25	20.70
		1	13	20.24	20.12	20.19	20.70
		1	24	20.43	20.36	20.36	20.70
		12	0	20.16	20.14	20.15	20.70
		12	6	19.94	19.93	19.91	20.70
		12	13	20.04	19.96	19.98	20.70
25		0	20.14	20.17	20.12	20.70	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132022	132322	132622	
10MHz	QPSK	1	0	25.28	25.34	25.35	25.70
		1	25	25.27	25.26	25.34	25.70
		1	49	25.31	25.32	25.32	25.70
		25	0	24.21	24.27	24.34	24.70
		25	13	24.23	24.31	24.22	24.70
		25	25	24.30	24.21	24.26	24.70
		50	0	24.36	24.33	24.32	24.70
	16QAM	1	0	24.32	24.28	24.18	24.70
		1	25	24.28	24.28	24.27	24.70
		1	49	24.32	24.22	24.20	24.70
		25	0	23.43	23.35	23.37	23.70
		25	13	23.41	23.43	23.51	23.70
		25	25	23.32	23.30	23.29	23.70

	64QAM	50	0	23.34	23.32	23.35	23.70
		1	0	23.19	23.21	23.12	23.70
		1	25	23.04	23.10	23.07	23.70
		1	49	23.25	23.20	23.18	23.70
		25	0	22.46	22.46	22.44	22.70
		25	13	22.35	22.43	22.30	22.70
		25	25	22.34	22.30	22.34	22.70
	256QAM	50	0	22.32	22.35	22.28	22.70
		1	0	20.17	20.18	20.19	20.70
		1	25	20.27	20.19	20.19	20.70
		1	49	20.42	20.35	20.40	20.70
		25	0	20.15	20.15	20.17	20.70
		25	13	19.90	19.97	19.94	20.70
		25	25	20.04	19.95	19.96	20.70
50	0	20.18	20.12	20.12	20.70		
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132047	132322	132597	
15MHz	QPSK	1	0	25.32	25.32	25.31	25.70
		1	38	25.28	25.24	25.34	25.70
		1	74	25.36	25.36	25.34	25.70
		36	0	24.28	24.24	24.25	24.70
		36	18	24.25	24.26	24.21	24.70
		36	39	24.36	24.23	24.26	24.70
		75	0	24.34	24.31	24.25	24.70
	16QAM	1	0	24.35	24.24	24.25	24.70
		1	38	24.33	24.20	24.21	24.70
		1	74	24.36	24.26	24.26	24.70
		36	0	23.42	23.41	23.35	23.70
		36	18	23.43	23.45	23.52	23.70
		36	39	23.36	23.32	23.30	23.70
		75	0	23.41	23.32	23.37	23.70
	64QAM	1	0	23.21	23.16	23.14	23.70
		1	38	23.02	23.04	23.10	23.70
		1	74	23.21	23.23	23.12	23.70
		36	0	22.48	22.48	22.46	22.70
		36	18	22.34	22.35	22.29	22.70
		36	39	22.34	22.30	22.30	22.70
		75	0	22.33	22.39	22.29	22.70
	256QAM	1	0	20.19	20.18	20.23	20.70
		1	38	20.19	20.14	20.12	20.70

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				132072	132322	132572		
20MHz		1	74	20.38	20.37	20.36	20.70	
		36	0	20.16	20.15	20.19	20.70	
		36	18	19.90	19.91	19.90	20.70	
		36	39	20.00	19.97	19.97	20.70	
		75	0	20.16	20.12	20.15	20.70	
	QPSK	1	0	25.41	25.59	25.38	25.70	
			50	25.34	25.29	25.37	25.70	
			99	25.30	25.30	25.37	25.70	
			0	24.34	24.40	24.27	24.70	
			25	24.22	24.32	24.22	24.70	
			50	24.28	24.19	24.25	24.70	
			100	24.38	24.41	24.26	24.70	
		16QAM	1	0	24.31	24.19	24.24	24.70
				50	24.33	24.27	24.26	24.70
				99	24.31	24.24	24.25	24.70
				0	23.42	23.40	23.40	23.70
				25	23.48	23.39	23.52	23.70
				50	23.33	23.33	23.26	23.70
				100	23.40	23.37	23.36	23.70
		64QAM	1	0	23.25	23.22	23.12	23.70
				50	23.05	23.05	23.06	23.70
				99	23.21	23.18	23.10	23.70
				0	22.44	22.41	22.40	22.70
				25	22.31	22.35	22.25	22.70
				50	22.38	22.34	22.31	22.70
				100	22.34	22.39	22.28	22.70
		256QAM	1	0	20.21	20.23	20.24	20.70
				50	20.24	20.18	20.17	20.70
				99	20.36	20.35	20.39	20.70
	0			20.20	20.12	20.15	20.70	
25	19.90			19.94	19.90	20.70		
50	19.99			19.97	19.99	20.70		
100	20.15			20.11	20.19	20.70		

LTE Band 66 DSI1 DSI5				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131979	132322	132665	
1.4MHz	QPSK	1	0	18.28	18.32	18.31	18.70
		1	2	18.28	18.29	18.29	18.70
		1	5	18.30	18.32	18.30	18.70
		3	0	18.29	18.30	18.30	18.70
		3	1	18.32	18.34	18.30	18.70
		3	3	18.30	18.38	18.25	18.70
		6	0	18.35	18.33	18.32	18.70
	16QAM	1	0	18.31	18.31	18.30	18.70
		1	2	18.28	18.37	18.26	18.70
		1	5	18.32	18.38	18.30	18.70
		3	0	18.33	18.37	18.30	18.70
		3	1	18.34	18.36	18.24	18.70
		3	3	18.34	18.35	18.29	18.70
		6	0	18.28	18.30	18.33	18.70
	64QAM	1	0	18.29	18.33	18.28	18.70
		1	2	18.30	18.37	18.26	18.70
		1	5	18.30	18.32	18.30	18.70
		3	0	18.36	18.30	18.29	18.70
		3	1	18.32	18.34	18.25	18.70
		3	3	18.29	18.38	18.25	18.70
		6	0	18.32	18.37	18.29	18.70
	256QAM	1	0	18.32	18.32	18.33	18.70
		1	2	18.36	18.38	18.30	18.70
		1	5	18.32	18.31	18.33	18.70
3		0	18.32	18.33	18.32	18.70	
3		1	18.27	18.35	18.28	18.70	
3		3	18.27	18.34	18.26	18.70	
6		0	18.29	18.37	18.24	18.70	
<b>Bandwidth</b>	<b>Modulation</b>	<b>RB size</b>	<b>RB offset</b>	<b>Channel</b>	<b>Channel</b>	<b>Channel</b>	<b>Tune up</b>
				131987	132322	132657	
3MHz	QPSK	1	0	18.31	18.38	18.30	18.70
		1	7	18.30	18.34	18.24	18.70
		1	14	18.36	18.30	18.24	18.70
		8	0	18.32	18.29	18.25	18.70
		8	4	18.35	18.35	18.28	18.70
		8	7	18.35	18.32	18.31	18.70

	16QAM	15	0	18.30	18.35	18.29	18.70	
		1	0	18.35	18.34	18.33	18.70	
		1	7	18.29	18.37	18.24	18.70	
		1	14	18.28	18.37	18.29	18.70	
		8	0	18.31	18.29	18.31	18.70	
		8	4	18.36	18.37	18.30	18.70	
		8	7	18.31	18.37	18.25	18.70	
	15	0	18.30	18.36	18.25	18.70		
	64QAM	1	0	18.28	18.32	18.25	18.70	
		1	7	18.31	18.38	18.24	18.70	
		1	14	18.28	18.36	18.33	18.70	
		8	0	18.34	18.35	18.29	18.70	
		8	4	18.29	18.32	18.24	18.70	
		8	7	18.35	18.36	18.29	18.70	
		15	0	18.35	18.34	18.30	18.70	
	256QAM	1	0	18.28	18.35	18.33	18.70	
		1	7	18.33	18.29	18.32	18.70	
		1	14	18.29	18.31	18.26	18.70	
		8	0	18.31	18.36	18.25	18.70	
		8	4	18.32	18.33	18.28	18.70	
		8	7	18.30	18.37	18.32	18.70	
		15	0	18.28	18.36	18.30	18.70	
	Bandwidth	Modulation	RB size	RB offset	Channel 131997	Channel 132322	Channel 132647	Tune up
	5MHz	QPSK	1	0	18.30	18.37	18.28	18.70
			1	13	18.33	18.36	18.28	18.70
			1	24	18.30	18.34	18.30	18.70
			12	0	18.31	18.37	18.28	18.70
			12	6	18.30	18.31	18.32	18.70
12			13	18.28	18.33	18.30	18.70	
25			0	18.28	18.38	18.33	18.70	
16QAM		1	0	18.30	18.32	18.29	18.70	
		1	13	18.30	18.32	18.24	18.70	
		1	24	18.28	18.35	18.32	18.70	
		12	0	18.29	18.34	18.32	18.70	
		12	6	18.30	18.37	18.27	18.70	
		12	13	18.32	18.37	18.30	18.70	
		25	0	18.30	18.33	18.28	18.70	
64QAM		1	0	18.28	18.34	18.28	18.70	
		1	13	18.32	18.30	18.26	18.70	

		1	24	18.31	18.37	18.28	18.70
		12	0	18.32	18.33	18.31	18.70
		12	6	18.33	18.37	18.31	18.70
		12	13	18.29	18.32	18.27	18.70
		25	0	18.35	18.30	18.26	18.70
	256QAM	1	0	18.30	18.37	18.26	18.70
		1	13	18.27	18.31	18.30	18.70
		1	24	18.36	18.35	18.32	18.70
		12	0	18.36	18.31	18.24	18.70
		12	6	18.31	18.36	18.29	18.70
		12	13	18.32	18.30	18.25	18.70
		25	0	18.31	18.33	18.31	18.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132022	132322	132622	
10MHz	QPSK	1	0	18.30	18.37	18.24	18.70
		1	25	18.29	18.36	18.29	18.70
		1	49	18.30	18.38	18.33	18.70
		25	0	18.31	18.32	18.33	18.70
		25	13	18.28	18.30	18.33	18.70
		25	25	18.30	18.29	18.30	18.70
		50	0	18.36	18.30	18.27	18.70
	16QAM	1	0	18.32	18.32	18.30	18.70
		1	25	18.28	18.32	18.28	18.70
		1	49	18.33	18.36	18.29	18.70
		25	0	18.29	18.34	18.33	18.70
		25	13	18.29	18.29	18.33	18.70
		25	25	18.32	18.33	18.26	18.70
		50	0	18.36	18.36	18.33	18.70
	64QAM	1	0	18.28	18.38	18.30	18.70
		1	25	18.34	18.35	18.30	18.70
		1	49	18.36	18.34	18.33	18.70
		25	0	18.27	18.31	18.32	18.70
		25	13	18.32	18.35	18.33	18.70
		25	25	18.34	18.31	18.26	18.70
		50	0	18.30	18.36	18.30	18.70
	256QAM	1	0	18.30	18.31	18.30	18.70
		1	25	18.35	18.37	18.30	18.70
		1	49	18.30	18.36	18.26	18.70
		25	0	18.35	18.34	18.25	18.70
		25	13	18.30	18.33	18.29	18.70



Bandwidth	Modulation	25	25	18.32	18.33	18.28	18.70
		50	0	18.28	18.33	18.28	18.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132047	132322	132597	
15MHz	QPSK	1	0	18.36	18.31	18.31	18.70
		1	38	18.31	18.36	18.29	18.70
		1	74	18.28	18.37	18.33	18.70
		36	0	18.29	18.30	18.30	18.70
		36	18	18.28	18.29	18.31	18.70
		36	39	18.28	18.34	18.30	18.70
		75	0	18.30	18.38	18.32	18.70
	16QAM	1	0	18.35	18.33	18.24	18.70
		1	38	18.31	18.35	18.29	18.70
		1	74	18.35	18.29	18.31	18.70
		36	0	18.28	18.31	18.29	18.70
		36	18	18.28	18.38	18.26	18.70
		36	39	18.27	18.32	18.32	18.70
		75	0	18.32	18.30	18.31	18.70
	64QAM	1	0	18.28	18.32	18.31	18.70
		1	38	18.28	18.36	18.29	18.70
		1	74	18.29	18.36	18.24	18.70
		36	0	18.35	18.35	18.32	18.70
		36	18	18.32	18.35	18.24	18.70
		36	39	18.30	18.29	18.31	18.70
		75	0	18.35	18.37	18.27	18.70
	256QAM	1	0	18.33	18.38	18.27	18.70
		1	38	18.31	18.37	18.31	18.70
		1	74	18.35	18.37	18.29	18.70
		36	0	18.28	18.37	18.28	18.70
		36	18	18.32	18.33	18.28	18.70
		36	39	18.33	18.33	18.29	18.70
		75	0	18.33	18.30	18.28	18.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132072	132322	132572	
20MHz	QPSK	1	0	18.39	18.53	18.46	18.70
		1	50	18.35	18.33	18.31	18.70
		1	99	18.29	18.30	18.30	18.70
		50	0	18.49	18.43	18.41	18.70
		50	25	18.27	18.37	18.26	18.70
		50	50	18.29	18.31	18.33	18.70

	16QAM	100	0	18.35	18.42	18.33	18.70
		1	0	18.36	18.37	18.30	18.70
		1	50	18.35	18.34	18.29	18.70
		1	99	18.29	18.32	18.31	18.70
		50	0	18.31	18.30	18.24	18.70
		50	25	18.29	18.36	18.31	18.70
		50	50	18.34	18.36	18.31	18.70
		100	0	18.30	18.36	18.25	18.70
	64QAM	1	0	18.30	18.31	18.26	18.70
		1	50	18.31	18.33	18.33	18.70
		1	99	18.32	18.34	18.25	18.70
		50	0	18.33	18.34	18.28	18.70
		50	25	18.29	18.34	18.32	18.70
		50	50	18.29	18.37	18.27	18.70
		100	0	18.33	18.33	18.32	18.70
	256QAM	1	0	18.32	18.29	18.28	18.70
		1	50	18.28	18.30	18.29	18.70
		1	99	18.32	18.33	18.30	18.70
		50	0	18.33	18.31	18.28	18.70
		50	25	18.29	18.33	18.25	18.70
		50	50	18.28	18.35	18.29	18.70
		100	0	18.27	18.37	18.33	18.70

LTE Band 66 DSI4				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131979	132322	132665	
1.4MHz	QPSK	1	0	21.85	21.76	21.84	22.20
		1	2	21.86	21.78	21.85	22.20
		1	5	21.89	21.79	21.82	22.20
		3	0	21.92	21.78	21.82	22.20
		3	1	21.92	21.80	21.85	22.20
		3	3	21.83	21.79	21.84	22.20
		6	0	21.83	21.82	21.85	22.20
	16QAM	1	0	21.90	21.81	21.87	22.20
		1	2	21.89	21.81	21.82	22.20
		1	5	21.89	21.79	21.84	22.20
		3	0	21.86	21.78	21.80	22.20
		3	1	21.91	21.84	21.81	22.20
		3	3	21.85	21.77	21.82	22.20

	64QAM	6	0	21.86	21.75	21.88	22.20
		1	0	21.88	21.75	21.86	22.20
		1	2	21.87	21.83	21.87	22.20
		1	5	21.83	21.76	21.86	22.20
		3	0	21.92	21.75	21.84	22.20
		3	1	21.87	21.81	21.87	22.20
		3	3	21.84	21.76	21.82	22.20
		6	0	21.90	21.83	21.87	22.20
	256QAM	1	0	20.17	20.20	20.23	20.70
		1	2	20.28	20.18	20.22	20.70
		1	5	20.33	20.33	20.43	20.70
		3	0	20.20	20.15	20.16	20.70
		3	1	19.87	19.94	19.86	20.70
		3	3	20.01	19.99	19.99	20.70
6	0	20.16	20.16	20.16	20.70		
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131987	132322	132657	
3MHz	QPSK	1	0	21.91	21.80	21.82	22.20
		1	7	21.88	21.81	21.81	22.20
		1	14	21.86	21.78	21.83	22.20
		8	0	21.88	21.77	21.85	22.20
		8	4	21.84	21.82	21.81	22.20
		8	7	21.91	21.77	21.79	22.20
		15	0	21.84	21.75	21.80	22.20
	16QAM	1	0	21.87	21.79	21.85	22.20
		1	7	21.84	21.78	21.81	22.20
		1	14	21.86	21.82	21.86	22.20
		8	0	21.83	21.82	21.80	22.20
		8	4	21.90	21.81	21.84	22.20
		8	7	21.90	21.79	21.79	22.20
		15	0	21.84	21.79	21.85	22.20
	64QAM	1	0	21.85	21.82	21.88	22.20
		1	7	21.83	21.80	21.79	22.20
		1	14	21.87	21.80	21.87	22.20
		8	0	21.85	21.83	21.81	22.20
		8	4	21.88	21.76	21.87	22.20
		8	7	21.85	21.78	21.80	22.20
		15	0	21.88	21.76	21.84	22.20
	256QAM	1	0	20.20	20.20	20.24	20.70
		1	7	20.21	20.23	20.22	20.70

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				131997	132322	132647		
5MHz	QPSK	1	14	20.39	20.32	20.36	20.70	
		8	0	20.17	20.09	20.16	20.70	
		8	4	19.93	19.90	19.88	20.70	
		8	7	20.00	20.01	20.02	20.70	
		15	0	20.20	20.14	20.18	20.70	
	16QAM	16QAM	1	0	21.85	21.83	21.84	22.20
			1	13	21.88	21.83	21.86	22.20
			1	24	21.84	21.82	21.86	22.20
			12	0	21.89	21.81	21.84	22.20
			12	6	21.86	21.83	21.82	22.20
			12	13	21.88	21.84	21.87	22.20
			25	0	21.89	21.78	21.80	22.20
	64QAM	64QAM	1	0	21.86	21.84	21.83	22.20
			1	13	21.84	21.81	21.86	22.20
			1	24	21.91	21.78	21.80	22.20
			12	0	21.83	21.77	21.81	22.20
			12	6	21.88	21.81	21.84	22.20
			12	13	21.84	21.80	21.86	22.20
			25	0	21.84	21.79	21.81	22.20
	256QAM	256QAM	1	0	21.87	21.78	21.88	22.20
			1	13	21.85	21.77	21.85	22.20
			1	24	21.91	21.79	21.81	22.20
			12	0	21.89	21.83	21.83	22.20
			12	6	21.90	21.80	21.87	22.20
			12	13	21.86	21.79	21.86	22.20
25			0	21.86	21.83	21.82	22.20	
256QAM	256QAM	1	0	20.25	20.19	20.21	20.70	
		1	13	20.22	20.15	20.13	20.70	
		1	24	20.41	20.33	20.36	20.70	
		12	0	20.18	20.12	20.14	20.70	
		12	6	19.90	19.97	19.91	20.70	
		12	13	19.95	19.94	19.97	20.70	
		25	0	20.13	20.08	20.17	20.70	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				132022	132322	132622		
10MHz	QPSK	1	0	21.84	21.77	21.80	22.20	
		1	25	21.87	21.80	21.86	22.20	
		1	49	21.88	21.84	21.88	22.20	

		25	0	21.84	21.81	21.81	22.20	
		25	13	21.92	21.79	21.79	22.20	
		25	25	21.90	21.79	21.85	22.20	
		50	0	21.89	21.80	21.83	22.20	
	16QAM	1	0	21.90	21.75	21.88	22.20	
		1	25	21.84	21.80	21.79	22.20	
		1	49	21.86	21.79	21.80	22.20	
		25	0	21.87	21.81	21.87	22.20	
		25	13	21.85	21.82	21.84	22.20	
		25	25	21.87	21.80	21.86	22.20	
		50	0	21.88	21.84	21.88	22.20	
	64QAM	1	0	21.84	21.82	21.82	22.20	
		1	25	21.84	21.76	21.83	22.20	
		1	49	21.84	21.83	21.83	22.20	
		25	0	21.85	21.82	21.86	22.20	
		25	13	21.86	21.83	21.82	22.20	
		25	25	21.91	21.75	21.81	22.20	
		50	0	21.85	21.83	21.85	22.20	
	256QAM	1	0	20.18	20.25	20.25	20.70	
		1	25	20.24	20.15	20.19	20.70	
		1	49	20.34	20.38	20.39	20.70	
		25	0	20.21	20.09	20.18	20.70	
		25	13	19.90	19.99	19.91	20.70	
		25	25	19.95	20.02	19.97	20.70	
		50	0	20.16	20.16	20.17	20.70	
	<b>Bandwidth</b>	<b>Modulation</b>	<b>RB size</b>	<b>RB offset</b>	<b>Channel</b>	<b>Channel</b>	<b>Channel</b>	<b>Tune up</b>
	<b>15MHz</b>	QPSK	1	0	21.89	21.81	21.86	22.20
			1	38	21.84	21.83	21.86	22.20
1			74	21.83	21.76	21.86	22.20	
36			0	21.83	21.79	21.86	22.20	
36			18	21.91	21.81	21.82	22.20	
36			39	21.85	21.75	21.85	22.20	
75			0	21.88	21.81	21.87	22.20	
16QAM		1	0	21.86	21.83	21.83	22.20	
		1	38	21.85	21.81	21.81	22.20	
		1	74	21.87	21.80	21.80	22.20	
		36	0	21.87	21.78	21.84	22.20	
		36	18	21.92	21.81	21.84	22.20	
		36	39	21.84	21.79	21.87	22.20	
						132047	132322	132597

	64QAM	75	0	21.90	21.84	21.83	22.20
		1	0	21.91	21.75	21.83	22.20
		1	38	21.84	21.78	21.84	22.20
		1	74	21.84	21.79	21.83	22.20
		36	0	21.89	21.76	21.81	22.20
		36	18	21.91	21.79	21.84	22.20
		36	39	21.88	21.84	21.80	22.20
		75	0	21.83	21.78	21.79	22.20
	256QAM	1	0	20.18	20.25	20.22	20.70
		1	38	20.27	20.20	20.21	20.70
		1	74	20.39	20.38	20.39	20.70
		36	0	20.17	20.11	20.17	20.70
		36	18	19.91	19.90	19.91	20.70
		36	39	20.00	20.00	19.97	20.70
75		0	20.12	20.13	20.21	20.70	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132072	132322	132572	
20MHz	QPSK	1	0	21.95	21.98	21.94	22.20
		1	50	21.83	21.80	21.81	22.20
		1	99	21.90	21.83	21.88	22.20
		50	0	21.93	21.97	21.95	22.20
		50	25	21.90	21.84	21.81	22.20
		50	50	21.85	21.83	21.86	22.20
		100	0	21.85	21.90	21.81	22.20
	16QAM	1	0	21.86	21.83	21.87	22.20
		1	50	21.85	21.77	21.87	22.20
		1	99	21.85	21.82	21.81	22.20
		50	0	21.90	21.83	21.79	22.20
		50	25	21.90	21.76	21.84	22.20
		50	50	21.85	21.77	21.87	22.20
		100	0	21.83	21.84	21.88	22.20
	64QAM	1	0	21.87	21.76	21.88	22.20
		1	50	21.84	21.84	21.88	22.20
		1	99	21.89	21.83	21.81	22.20
		50	0	21.90	21.76	21.79	22.20
		50	25	21.91	21.75	21.81	22.20
		50	50	21.84	21.79	21.82	22.20
		100	0	21.90	21.76	21.85	22.20
	256QAM	1	0	20.19	20.22	20.25	20.70
		1	50	20.21	20.18	20.20	20.70

		1	99	20.35	20.35	20.38	20.70
		50	0	20.21	20.17	20.12	20.70
		50	25	19.92	19.91	19.88	20.70
		50	50	20.02	19.95	19.99	20.70
		100	0	20.19	20.08	20.16	20.70

## 4 Conducted Power of Main Antenna(Ant3)

### 4.1 Conducted Power of WCDMA

WCDMA Band IV Full Power					
Average Conducted Power(dBm)					
Channel		1312	1412	1513	Tune up
WCDMA	12.2kbps RMC	24.75	24.88	24.73	25.50
	12.2kbps AMR	24.51	24.65	24.49	25.50
HSDPA	Subtest 1	23.69	23.79	23.77	24.50
	Subtest 2	23.73	23.69	23.75	24.50
	Subtest 3	23.19	23.20	23.19	24.00
	Subtest 4	23.20	23.20	23.17	24.00
HSUPA	Subtest 1	22.08	22.17	22.10	23.00
	Subtest 2	21.61	21.53	21.75	22.50
	Subtest 3	22.65	22.70	22.72	23.50
	Subtest 4	21.71	21.52	21.76	22.50
	Subtest 5	22.69	22.65	22.65	23.50
DC-HSDPA	Subtest 1	23.71	23.72	23.72	24.50
	Subtest 2	23.76	23.73	23.78	24.50
	Subtest 3	23.13	23.19	23.18	24.00
	Subtest 4	23.14	23.19	23.19	24.00
HSPA+	16QAM	21.68	21.46	21.75	22.50

WCDMA Band IV DS11 DS15					
Average Conducted Power(dBm)					
Channel		1312	1412	1513	Tune up
WCDMA	12.2kbps RMC	18.69	18.80	18.66	19.50
	12.2kbps AMR	18.40	18.58	18.42	19.50
HSDPA	Subtest 1	17.59	17.73	17.65	18.50
	Subtest 2	17.63	17.56	17.64	18.50
	Subtest 3	17.11	17.14	17.13	18.00
	Subtest 4	17.07	17.12	17.08	18.00
HSUPA	Subtest 1	16.01	16.10	16.03	17.00
	Subtest 2	15.54	15.39	15.65	16.50

	Subtest 3	16.60	16.64	16.61	17.50
	Subtest 4	15.58	15.38	15.70	16.50
	Subtest 5	16.57	16.58	16.54	17.50
DC-HSDPA	Subtest 1	17.61	17.65	17.66	18.50
	Subtest 2	17.71	17.61	17.73	18.50
	Subtest 3	17.02	17.12	17.13	18.00
	Subtest 4	17.02	17.09	17.07	18.00
HSPA+	16QAM	15.60	15.32	15.66	16.50

WCDMA Band IV DSI3					
Average Conducted Power(dBm)					
Channel		1312	1412	1513	Tune up
WCDMA	12.2kbps RMC	22.13	22.31	22.16	23.00
	12.2kbps AMR	21.93	22.06	21.89	23.00
HSDPA	Subtest 1	21.12	21.17	21.14	22.00
	Subtest 2	21.17	21.13	21.17	22.00
	Subtest 3	20.57	20.62	20.61	21.50
	Subtest 4	20.57	20.62	20.55	21.50
HSUPA	Subtest 1	19.46	19.61	19.48	20.50
	Subtest 2	19.04	18.95	19.13	20.00
	Subtest 3	20.03	20.11	20.13	21.00
	Subtest 4	19.11	18.89	19.19	20.00
	Subtest 5	20.11	20.09	20.08	21.00
DC-HSDPA	Subtest 1	21.14	21.11	21.14	22.00
	Subtest 2	21.17	21.13	21.20	22.00
	Subtest 3	20.56	20.57	20.57	21.50
	Subtest 4	20.57	20.60	20.60	21.50
HSPA+	16QAM	19.06	18.82	19.18	20.00



## 4.2 Conducted Power of LTE

LTE Band 4 Full Power				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19957	20175	20393	
1.4MHz	QPSK	1	0	25.51	25.53	25.54	25.70
		1	2	25.49	25.38	25.51	25.70
		1	5	25.51	25.51	25.53	25.70
		3	0	25.51	25.39	25.55	25.70
		3	2	25.49	25.45	25.51	25.70
		3	3	25.49	25.38	25.56	25.70
		6	0	24.49	24.49	24.48	24.70
	16QAM	1	0	24.55	24.41	24.43	24.70
		1	2	24.54	24.40	24.44	24.70
		1	5	24.52	24.41	24.41	24.70
		3	0	24.47	24.38	24.37	24.70
		3	2	24.46	24.39	24.42	24.70
		3	3	24.49	24.42	24.38	24.70
		6	0	23.53	23.54	23.51	23.70
	64QAM	1	0	23.41	23.36	23.27	23.70
		1	2	23.22	23.25	23.31	23.70
		1	5	23.38	23.35	23.30	23.70
		3	0	23.17	23.28	23.26	23.70
		3	2	23.20	23.23	23.23	23.70
		3	3	23.24	23.28	23.22	23.70
		6	0	22.54	22.54	22.47	22.70
	256QAM	1	0	20.32	20.37	20.36	20.70
		1	2	20.41	20.36	20.30	20.70
		1	5	20.53	20.55	20.55	20.70
		3	0	20.35	20.29	20.35	20.70
		3	2	20.08	20.15	20.07	20.70
		3	3	20.17	20.15	20.16	20.70
		6	0	20.39	20.30	20.29	20.70

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				19965	20175	20385		
3MHz	QPSK	1	0	25.45	25.45	25.56	25.70	
		1	7	25.49	25.45	25.49	25.70	
		1	14	25.49	25.51	25.51	25.70	
		8	0	24.44	24.43	24.49	24.70	
		8	4	24.40	24.43	24.40	24.70	
		8	7	24.54	24.41	24.42	24.70	
		15	0	24.55	24.47	24.45	24.70	
	16QAM	1	0	24.54	24.44	24.36	24.70	
		1	7	24.47	24.44	24.37	24.70	
		1	14	24.49	24.37	24.45	24.70	
		8	0	23.59	23.57	23.56	23.70	
		8	4	23.64	23.64	23.68	23.70	
		8	7	23.50	23.42	23.45	23.70	
		15	0	23.59	23.52	23.51	23.70	
	64QAM	1	0	23.43	23.38	23.28	23.70	
		1	7	23.21	23.29	23.29	23.70	
		1	14	23.38	23.41	23.34	23.70	
		8	0	22.64	22.59	22.56	22.70	
		8	4	22.50	22.58	22.51	22.70	
		8	7	22.50	22.54	22.48	22.70	
		15	0	22.49	22.58	22.44	22.70	
	256QAM	1	0	20.37	20.38	20.38	20.70	
		1	7	20.43	20.38	20.32	20.70	
		1	14	20.58	20.52	20.56	20.70	
		8	0	20.33	20.33	20.37	20.70	
		8	4	20.07	20.10	20.08	20.70	
		8	7	20.19	20.09	20.16	20.70	
		15	0	20.33	20.29	20.30	20.70	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
	5MHz	QPSK	1	0	25.45	25.48	25.50	25.70
1			13	25.47	25.42	25.49	25.70	
1			24	25.53	25.48	25.53	25.70	
12			0	24.46	24.45	24.46	24.70	
12			6	24.41	24.45	24.44	24.70	
12			13	24.48	24.45	24.42	24.70	
25			0	24.53	24.50	24.46	24.70	
16QAM		1	0	24.51	24.42	24.44	24.70	
					19975	20175	20375	

		1	13	24.51	24.39	24.37	24.70	
		1	24	24.52	24.39	24.43	24.70	
		12	0	23.66	23.55	23.54	23.70	
		12	6	23.58	23.65	23.63	23.70	
		12	13	23.49	23.43	23.43	23.70	
		25	0	23.59	23.58	23.51	23.70	
	64QAM	1	0	23.40	23.40	23.33	23.70	
		1	13	23.22	23.24	23.26	23.70	
		1	24	23.37	23.39	23.32	23.70	
		12	0	22.64	22.65	22.57	22.70	
		12	6	22.55	22.56	22.47	22.70	
		12	13	22.54	22.53	22.48	22.70	
	256QAM	25	0	22.48	22.51	22.41	22.70	
		1	0	20.39	20.35	20.45	20.70	
		1	13	20.38	20.32	20.36	20.70	
		1	24	20.59	20.53	20.54	20.70	
		12	0	20.32	20.35	20.31	20.70	
		12	6	20.09	20.12	20.08	20.70	
		12	13	20.22	20.17	20.15	20.70	
		25	0	20.39	20.31	20.33	20.70	
		Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
20000						20175	20350	
10MHz		QPSK	1	0	25.50	25.46	25.51	25.70
			1	25	25.50	25.46	25.49	25.70
	1		49	25.49	25.51	25.51	25.70	
	25		0	24.39	24.43	24.45	24.70	
	25		13	24.40	24.43	24.39	24.70	
	25		25	24.48	24.42	24.43	24.70	
	50		0	24.51	24.45	24.43	24.70	
	16QAM	1	0	24.49	24.38	24.42	24.70	
		1	25	24.47	24.41	24.42	24.70	
		1	49	24.51	24.39	24.36	24.70	
		25	0	23.65	23.52	23.51	23.70	
		25	13	23.58	23.62	23.64	23.70	
		25	25	23.53	23.42	23.47	23.70	
		50	0	23.57	23.51	23.50	23.70	
	64QAM	1	0	23.44	23.37	23.35	23.70	
		1	25	23.16	23.28	23.27	23.70	
		1	49	23.38	23.36	23.29	23.70	
		25	0	22.66	22.63	22.56	22.70	

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				20025	20175	20325		
15MHz	256QAM	25	13	22.52	22.60	22.42	22.70	
		25	25	22.57	22.47	22.53	22.70	
		50	0	22.53	22.50	22.47	22.70	
		1	0	20.32	20.37	20.44	20.70	
		1	25	20.42	20.38	20.34	20.70	
		1	49	20.54	20.50	20.57	20.70	
		25	0	20.36	20.29	20.37	20.70	
		25	13	20.10	20.11	20.05	20.70	
		25	25	20.22	20.08	20.23	20.70	
	50	0	20.37	20.32	20.35	20.70		
	15MHz	QPSK	1	0	25.53	25.46	25.50	25.70
			1	38	25.49	25.44	25.54	25.70
			1	74	25.52	25.51	25.56	25.70
			36	0	24.40	24.42	24.47	24.70
			36	18	24.40	24.48	24.43	24.70
			36	39	24.51	24.42	24.43	24.70
			75	0	24.57	24.52	24.42	24.70
		16QAM	1	0	24.53	24.37	24.43	24.70
			1	38	24.48	24.45	24.44	24.70
			1	74	24.46	24.39	24.44	24.70
			36	0	23.60	23.58	23.53	23.70
			36	18	23.58	23.62	23.70	23.70
			36	39	23.56	23.49	23.43	23.70
			75	0	23.59	23.56	23.50	23.70
		64QAM	1	0	23.43	23.38	23.32	23.70
			1	38	23.21	23.24	23.27	23.70
			1	74	23.37	23.36	23.30	23.70
			36	0	22.62	22.61	22.59	22.70
36			18	22.53	22.58	22.44	22.70	
36			39	22.57	22.54	22.49	22.70	
75			0	22.55	22.54	22.44	22.70	
256QAM		1	0	20.39	20.38	20.39	20.70	
		1	38	20.45	20.37	20.35	20.70	
		1	74	20.61	20.53	20.59	20.70	
		36	0	20.37	20.28	20.31	20.70	
		36	18	20.13	20.14	20.09	20.70	
		36	39	20.15	20.13	20.21	20.70	
		75	0	20.34	20.34	20.34	20.70	

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20050	20175	20300	
20MHz	QPSK	1	0	25.55	25.62	25.57	25.70
		1	50	25.48	25.39	25.54	25.70
		1	99	25.48	25.51	25.56	25.70
		50	0	24.59	24.60	24.48	24.70
		50	25	24.42	24.51	24.46	24.70
		50	50	24.54	24.38	24.38	24.70
		100	0	24.49	24.57	24.50	24.70
	16QAM	1	0	24.46	24.46	24.42	24.70
		1	50	24.46	24.44	24.40	24.70
		1	99	24.54	24.41	24.37	24.70
		50	0	23.59	23.55	23.51	23.70
		50	25	23.62	23.63	23.68	23.70
		50	50	23.55	23.48	23.41	23.70
		100	0	23.53	23.57	23.48	23.70
	64QAM	1	0	23.41	23.40	23.34	23.70
		1	50	23.20	23.28	23.27	23.70
		1	99	23.37	23.33	23.32	23.70
		50	0	22.66	22.61	22.59	22.70
		50	25	22.50	22.54	22.46	22.70
		50	50	22.56	22.54	22.53	22.70
		100	0	22.51	22.51	22.45	22.70
	256QAM	1	0	20.33	20.43	20.42	20.70
		1	50	20.42	20.30	20.31	20.70
		1	99	20.58	20.52	20.59	20.70
		50	0	20.39	20.28	20.37	20.70
		50	25	20.09	20.13	20.10	20.70
		50	50	20.21	20.10	20.22	20.70
		100	0	20.34	20.31	20.36	20.70

LTE Band 4 DSI1 DSI5				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19957	20175	20393	
1.4MHz	QPSK	1	0	18.98	19.05	18.97	19.20
		1	2	18.93	18.80	19.01	19.20
		1	5	18.87	18.84	18.97	19.20
		3	0	19.03	19.04	19.02	19.20
		3	2	18.91	18.78	19.00	19.20

		3	3	18.89	18.84	19.01	19.20
		6	0	18.97	19.06	19.02	19.20
	16QAM	1	0	18.98	18.83	18.99	19.20
		1	2	18.94	18.78	18.96	19.20
		1	5	18.91	18.80	18.93	19.20
		3	0	18.94	18.82	19.01	19.20
		3	2	18.98	18.83	18.98	19.20
		3	3	18.96	18.84	18.94	19.20
		6	0	18.91	18.77	18.95	19.20
		64QAM	1	0	18.95	18.82	19.00
	1		2	18.95	18.79	19.00	19.20
	1		5	18.97	18.85	18.99	19.20
	3		0	18.95	18.83	18.94	19.20
	3		2	18.97	18.83	18.97	19.20
	3		3	18.93	18.81	18.97	19.20
	6		0	18.91	18.84	18.97	19.20
	256QAM	1	0	18.91	18.83	18.94	19.20
		1	2	18.94	18.86	18.95	19.20
		1	5	18.92	18.80	18.98	19.20
		3	0	18.90	18.84	18.94	19.20
		3	2	18.98	18.85	18.99	19.20
		3	3	18.92	18.86	18.95	19.20
		6	0	18.98	18.80	18.97	19.20
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
19965					20175	20385	
3MHz	QPSK	1	0	18.99	19.05	18.99	19.20
		1	7	18.96	18.83	18.97	19.20
		1	14	18.85	18.87	18.99	19.20
		8	0	18.97	19.02	19.02	19.20
		8	4	18.97	18.85	19.00	19.20
		8	7	18.85	18.91	18.95	19.20
		15	0	18.96	19.02	18.95	19.20
	16QAM	1	0	18.92	18.84	18.99	19.20
		1	7	18.92	18.81	18.94	19.20
		1	14	18.97	18.85	18.99	19.20
		8	0	18.95	18.81	19.01	19.20
		8	4	18.94	18.78	19.01	19.20
		8	7	18.97	18.85	18.95	19.20
		15	0	18.98	18.85	18.99	19.20
	64QAM	1	0	18.89	18.77	18.98	19.20

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19975	20175	20375	
		1	7	18.91	18.85	18.98	19.20
		1	14	18.93	18.85	18.99	19.20
		8	0	18.90	18.78	18.95	19.20
		8	4	18.89	18.78	18.95	19.20
		8	7	18.94	18.81	18.93	19.20
		15	0	18.95	18.81	18.96	19.20
	256QAM	1	0	18.97	18.82	18.98	19.20
		1	7	18.93	18.78	19.00	19.20
		1	14	18.95	18.83	19.01	19.20
		8	0	18.93	18.78	19.01	19.20
		8	4	18.94	18.79	19.01	19.20
		8	7	18.97	18.81	18.95	19.20
		15	0	18.94	18.80	19.00	19.20
		5MHz	QPSK	1	0	18.96	19.00
1	13			18.95	18.83	18.98	19.20
1	24			18.87	18.90	18.96	19.20
12	0			19.02	19.06	18.97	19.20
12	6			18.95	18.77	19.01	19.20
12	13			18.85	18.86	18.99	19.20
25	0			18.96	19.05	19.00	19.20
16QAM	1			0	18.95	18.85	19.01
	1		13	18.93	18.86	19.00	19.20
	1		24	18.92	18.80	18.97	19.20
	12		0	18.91	18.85	18.97	19.20
	12		6	18.91	18.80	19.02	19.20
	12		13	18.96	18.85	18.97	19.20
	25		0	18.93	18.80	18.97	19.20
	64QAM		1	0	18.90	18.85	18.95
1			13	18.92	18.85	18.99	19.20
1			24	18.92	18.81	18.95	19.20
12			0	18.97	18.81	18.95	19.20
12			6	18.98	18.81	18.95	19.20
12			13	18.92	18.78	19.00	19.20
25			0	18.96	18.80	19.00	19.20
256QAM			1	0	18.91	18.84	18.97
	1		13	18.90	18.79	18.99	19.20
	1		24	18.92	18.85	18.98	19.20
	12		0	18.93	18.85	18.94	19.20

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				20000	20175	20350		
10MHz	QPSK	12	6	18.92	18.78	18.93	19.20	
		12	13	18.91	18.81	19.01	19.20	
		25	0	18.96	18.85	19.00	19.20	
		1	0	19.01	19.05	18.95	19.20	
		1	25	18.91	18.85	18.96	19.20	
		1	49	18.85	18.90	19.03	19.20	
		25	0	18.96	19.00	18.99	19.20	
	16QAM	25	13	18.90	18.81	18.99	19.20	
		25	25	18.87	18.90	19.00	19.20	
		50	0	19.04	19.05	18.96	19.20	
		1	0	18.91	18.79	19.00	19.20	
		1	25	18.92	18.84	18.99	19.20	
		1	49	18.89	18.83	18.94	19.20	
		25	0	18.97	18.81	18.93	19.20	
	64QAM	25	13	18.94	18.83	18.95	19.20	
		25	25	18.94	18.78	18.98	19.20	
		50	0	18.89	18.84	19.01	19.20	
		1	0	18.92	18.79	18.93	19.20	
		1	25	18.92	18.78	18.97	19.20	
		1	49	18.98	18.86	19.02	19.20	
		25	0	18.90	18.82	18.96	19.20	
	256QAM	25	13	18.92	18.82	18.94	19.20	
		25	25	18.92	18.82	18.95	19.20	
		50	0	18.95	18.86	19.01	19.20	
		1	0	18.95	18.78	19.02	19.20	
		1	25	18.94	18.83	18.96	19.20	
		1	49	18.92	18.78	18.94	19.20	
		25	0	18.90	18.84	18.99	19.20	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					20025	20175	20325	
15MHz	QPSK	1	0	19.03	18.99	18.98	19.20	
		1	38	18.95	18.78	18.94	19.20	
		1	74	18.88	18.86	19.03	19.20	
		36	0	19.02	19.06	18.96	19.20	
		36	18	18.92	18.79	18.95	19.20	



		36	39	18.86	18.90	18.96	19.20
		75	0	19.03	19.00	18.96	19.20
	16QAM	1	0	18.91	18.86	18.97	19.20
		1	38	18.90	18.77	18.99	19.20
		1	74	18.94	18.82	19.02	19.20
		36	0	18.95	18.84	18.95	19.20
		36	18	18.93	18.83	18.95	19.20
		36	39	18.93	18.83	18.94	19.20
		75	0	18.93	18.78	18.97	19.20
		64QAM	1	0	18.96	18.84	18.94
	1		38	18.91	18.78	18.97	19.20
	1		74	18.91	18.83	18.98	19.20
	36		0	18.93	18.83	18.97	19.20
	36		18	18.91	18.83	18.95	19.20
	36		39	18.90	18.85	19.00	19.20
	75		0	18.95	18.78	18.96	19.20
	256QAM		1	0	18.97	18.84	18.98
		1	38	18.96	18.83	18.99	19.20
		1	74	18.95	18.83	18.94	19.20
		36	0	18.96	18.78	18.97	19.20
		36	18	18.92	18.84	18.99	19.20
		36	39	18.90	18.78	19.01	19.20
		75	0	18.93	18.86	18.97	19.20
		<b>Bandwidth</b>	<b>Modulation</b>	<b>RB size</b>	<b>RB offset</b>	<b>Channel</b>	<b>Channel</b>
				20050	20175	20300	
<b>20MHz</b>	QPSK	1	0	19.00	19.09	19.03	19.20
		1	50	18.95	18.82	19.01	19.20
		1	99	18.86	18.83	18.99	19.20
		50	0	18.98	19.09	18.98	19.20
		50	25	18.95	18.86	18.94	19.20
		50	50	18.88	18.91	18.92	19.20
		100	0	18.97	19.09	19.01	19.20
		16QAM	1	0	18.98	18.78	18.97
	1		50	18.95	18.83	18.94	19.20
	1		99	18.91	18.78	18.95	19.20
	50		0	18.92	18.84	19.02	19.20
	50		25	18.91	18.83	18.97	19.20
	50		50	18.92	18.84	18.98	19.20
	100		0	18.94	18.79	18.98	19.20
	64QAM		1	0	18.90	18.81	18.95

		1	50	18.90	18.78	18.99	19.20
		1	99	18.91	18.83	18.96	19.20
		50	0	18.95	18.79	19.00	19.20
		50	25	18.94	18.82	18.95	19.20
		50	50	18.92	18.84	19.00	19.20
		100	0	18.96	18.78	18.94	19.20
	256QAM	1	0	18.95	18.79	18.95	19.20
		1	50	18.92	18.86	18.97	19.20
		1	99	18.96	18.83	19.01	19.20
		50	0	18.98	18.79	18.96	19.20
		50	25	18.97	18.80	19.01	19.20
		50	50	18.95	18.81	18.96	19.20
		100	0	18.93	18.81	18.99	19.20

LTE Band 4 DS13				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19957	20175	20393	
1.4MHz	QPSK	1	0	22.45	22.52	22.42	22.70
		1	2	22.32	22.34	22.46	22.70
		1	5	22.37	22.28	22.46	22.70
		3	0	22.38	22.34	22.50	22.70
		3	2	22.40	22.27	22.47	22.70
		3	3	22.35	22.27	22.44	22.70
		6	0	22.35	22.28	22.51	22.70
	16QAM	1	0	22.32	22.28	22.52	22.70
		1	2	22.40	22.29	22.50	22.70
		1	5	22.39	22.29	22.51	22.70
		3	0	22.33	22.33	22.51	22.70
		3	2	22.33	22.30	22.50	22.70
		3	3	22.38	22.26	22.46	22.70
		6	0	22.32	22.27	22.43	22.70
	64QAM	1	0	22.38	22.34	22.50	22.70
		1	2	22.39	22.29	22.46	22.70
		1	5	22.37	22.32	22.50	22.70
		3	0	22.38	22.35	22.52	22.70
		3	2	22.32	22.28	22.47	22.70
		3	3	22.40	22.35	22.47	22.70
		6	0	22.35	22.33	22.46	22.70
	256QAM	1	0	20.33	20.42	20.47	20.70

		1	2	20.43	20.34	20.32	20.70
		1	5	20.54	20.50	20.56	20.70
		3	0	20.37	20.28	20.40	20.70
		3	2	20.12	20.10	20.14	20.70
		3	3	20.25	20.12	20.21	20.70
		6	0	20.36	20.30	20.35	20.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19965	20175	20385	
3MHz	QPSK	1	0	22.43	22.55	22.46	22.70
		1	7	22.39	22.34	22.45	22.70
		1	14	22.37	22.35	22.49	22.70
		8	0	22.32	22.34	22.45	22.70
		8	4	22.33	22.32	22.47	22.70
		8	7	22.32	22.33	22.46	22.70
		15	0	22.36	22.34	22.47	22.70
	16QAM	1	0	22.38	22.30	22.50	22.70
		1	7	22.34	22.29	22.49	22.70
		1	14	22.39	22.32	22.44	22.70
		8	0	22.36	22.28	22.46	22.70
		8	4	22.33	22.33	22.44	22.70
		8	7	22.40	22.32	22.49	22.70
		15	0	22.37	22.35	22.44	22.70
	64QAM	1	0	22.34	22.30	22.51	22.70
		1	7	22.38	22.33	22.43	22.70
		1	14	22.40	22.31	22.45	22.70
		8	0	22.34	22.29	22.47	22.70
		8	4	22.32	22.30	22.50	22.70
		8	7	22.32	22.30	22.50	22.70
		15	0	22.35	22.31	22.47	22.70
	256QAM	1	0	20.31	20.41	20.40	20.70
		1	7	20.40	20.32	20.30	20.70
		1	14	20.60	20.57	20.55	20.70
		8	0	20.44	20.31	20.37	20.70
		8	4	20.06	20.17	20.08	20.70
		8	7	20.22	20.14	20.19	20.70
		15	0	20.32	20.28	20.32	20.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19975	20175	20375	
5MHz	QPSK	1	0	22.45	22.48	22.44	22.70
		1	13	22.37	22.26	22.51	22.70

		1	24	22.33	22.34	22.51	22.70	
		12	0	22.33	22.32	22.50	22.70	
		12	6	22.36	22.28	22.48	22.70	
		12	13	22.37	22.35	22.50	22.70	
		25	0	22.33	22.26	22.45	22.70	
	16QAM	1	0	22.37	22.29	22.46	22.70	
		1	13	22.37	22.32	22.50	22.70	
		1	24	22.38	22.27	22.50	22.70	
		12	0	22.39	22.27	22.46	22.70	
		12	6	22.35	22.29	22.47	22.70	
		12	13	22.38	22.28	22.44	22.70	
		25	0	22.32	22.27	22.52	22.70	
	64QAM	1	0	22.39	22.33	22.44	22.70	
		1	13	22.40	22.26	22.46	22.70	
		1	24	22.39	22.33	22.47	22.70	
		12	0	22.34	22.33	22.45	22.70	
		12	6	22.34	22.34	22.43	22.70	
		12	13	22.32	22.29	22.50	22.70	
		25	0	22.36	22.35	22.51	22.70	
	256QAM	1	0	20.30	20.48	20.46	20.70	
		1	13	20.42	20.29	20.33	20.70	
		1	24	20.59	20.49	20.60	20.70	
		12	0	20.43	20.27	20.35	20.70	
		12	6	20.06	20.13	20.11	20.70	
		12	13	20.26	20.08	20.26	20.70	
		25	0	20.31	20.33	20.35	20.70	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					20000	20175	20350	
10MHz	QPSK	1	0	22.46	22.52	22.48	22.70	
		1	25	22.40	22.27	22.47	22.70	
		1	49	22.31	22.34	22.48	22.70	
		25	0	22.37	22.30	22.46	22.70	
		25	13	22.36	22.26	22.45	22.70	
		25	25	22.32	22.28	22.44	22.70	
		50	0	22.39	22.28	22.47	22.70	
	16QAM	1	0	22.37	22.28	22.51	22.70	
		1	25	22.34	22.29	22.46	22.70	
		1	49	22.38	22.31	22.50	22.70	
		25	0	22.31	22.29	22.46	22.70	
		25	13	22.39	22.31	22.46	22.70	

		25	25	22.35	22.33	22.48	22.70
		50	0	22.35	22.32	22.45	22.70
	64QAM	1	0	22.37	22.34	22.51	22.70
		1	25	22.38	22.31	22.52	22.70
		1	49	22.35	22.34	22.45	22.70
		25	0	22.33	22.33	22.52	22.70
		25	13	22.39	22.34	22.44	22.70
		25	25	22.39	22.31	22.46	22.70
		50	0	22.33	22.28	22.51	22.70
	256QAM	1	0	20.32	20.47	20.40	20.70
		1	25	20.45	20.28	20.30	20.70
		1	49	20.59	20.57	20.61	20.70
		25	0	20.36	20.30	20.35	20.70
		25	13	20.06	20.12	20.12	20.70
25		25	20.24	20.13	20.19	20.70	
50		0	20.32	20.33	20.39	20.70	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20025	20175	20325	
15MHz	QPSK	1	0	22.44	22.54	22.46	22.70
		1	38	22.33	22.32	22.47	22.70
		1	74	22.34	22.34	22.51	22.70
		36	0	22.34	22.28	22.44	22.70
		36	18	22.38	22.32	22.48	22.70
		36	39	22.35	22.30	22.47	22.70
		75	0	22.39	22.29	22.45	22.70
	16QAM	1	0	22.36	22.35	22.51	22.70
		1	38	22.36	22.26	22.50	22.70
		1	74	22.32	22.28	22.44	22.70
		36	0	22.37	22.28	22.45	22.70
		36	18	22.37	22.32	22.45	22.70
		36	39	22.33	22.26	22.51	22.70
		75	0	22.37	22.28	22.50	22.70
	64QAM	1	0	22.33	22.31	22.45	22.70
		1	38	22.40	22.34	22.51	22.70
		1	74	22.36	22.31	22.46	22.70
		36	0	22.32	22.28	22.48	22.70
		36	18	22.37	22.27	22.44	22.70
		36	39	22.37	22.28	22.48	22.70
		75	0	22.32	22.26	22.50	22.70
	256QAM	1	0	20.34	20.45	20.47	20.70

		1	38	20.44	20.35	20.35	20.70
		1	74	20.61	20.56	20.57	20.70
		36	0	20.36	20.24	20.36	20.70
		36	18	20.14	20.18	20.07	20.70
		36	39	20.24	20.15	20.22	20.70
		75	0	20.33	20.35	20.37	20.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20050	20175	20300	
20MHz	QPSK	1	0	22.42	22.59	22.53	22.70
		1	50	22.31	22.33	22.49	22.70
		1	99	22.37	22.31	22.48	22.70
		50	0	22.39	22.52	22.51	22.70
		50	25	22.38	22.31	22.52	22.70
		50	50	22.34	22.30	22.50	22.70
		100	0	22.39	22.53	22.48	22.70
	16QAM	1	0	22.37	22.31	22.50	22.70
		1	50	22.35	22.30	22.49	22.70
		1	99	22.39	22.31	22.46	22.70
		50	0	22.35	22.26	22.51	22.70
		50	25	22.32	22.35	22.46	22.70
		50	50	22.40	22.26	22.49	22.70
		100	0	22.38	22.32	22.45	22.70
	64QAM	1	0	22.32	22.29	22.51	22.70
		1	50	22.32	22.33	22.51	22.70
		1	99	22.34	22.33	22.49	22.70
		50	0	22.31	22.28	22.49	22.70
		50	25	22.35	22.30	22.46	22.70
		50	50	22.37	22.29	22.48	22.70
		100	0	22.36	22.28	22.45	22.70
	256QAM	1	0	20.35	20.42	20.45	20.70
		1	50	20.40	20.32	20.36	20.70
		1	99	20.56	20.54	20.59	20.70
		50	0	20.39	20.30	20.35	20.70
		50	25	20.12	20.18	20.08	20.70
		50	50	20.21	20.13	20.20	20.70
		100	0	20.36	20.32	20.37	20.70

LTE Band 4 Full Power For ENDC

Conducted Power(dBm)

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				19957	20175	20393		
1.4MHz	QPSK	1	0	24.26	24.35	24.43	25.50	
		1	2	24.30	24.17	24.28	25.50	
		1	5	24.27	24.28	24.37	25.50	
		3	0	24.32	24.25	24.44	25.50	
		3	2	24.27	24.23	24.35	25.50	
		3	3	24.26	24.16	24.39	25.50	
		6	0	23.34	23.34	23.24	24.50	
	16QAM	1	0	23.39	23.22	23.19	24.50	
		1	2	23.36	23.27	23.33	24.50	
		1	5	23.33	23.25	23.19	24.50	
		3	0	23.26	23.19	23.26	24.50	
		3	2	23.31	23.23	23.27	24.50	
		3	3	23.26	23.22	23.25	24.50	
		6	0	22.35	22.42	22.28	23.50	
	64QAM	1	0	22.16	22.21	22.07	23.50	
		1	2	21.99	22.05	22.11	23.50	
		1	5	22.15	22.15	22.19	23.50	
		3	0	22.00	22.14	22.10	23.50	
		3	2	22.06	22.09	22.00	23.50	
		3	3	22.07	22.09	22.08	23.50	
		6	0	21.43	21.42	21.29	22.50	
	256QAM	1	0	19.12	19.19	19.19	20.50	
		1	2	19.30	19.22	19.06	20.50	
		1	5	19.31	19.35	19.31	20.50	
		3	0	19.14	19.13	19.11	20.50	
		3	2	18.96	19.03	18.83	20.50	
		3	3	18.96	18.95	18.94	20.50	
		6	0	19.22	19.17	19.12	20.50	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
	3MHz	QPSK	1	0	24.35	24.45	24.35	25.50
1			7	24.29	24.21	24.37	25.50	
1			14	24.27	24.28	24.43	25.50	
8			0	23.39	23.47	23.29	24.50	
8			4	23.28	23.34	23.32	24.50	
8			7	23.32	23.14	23.21	24.50	
15			0	23.39	23.40	23.25	24.50	
16QAM			1	0	23.35	23.29	23.22	24.50
					19965	20175	20385	

		1	7	23.22	23.22	23.15	24.50	
		1	14	23.39	23.19	23.22	24.50	
		8	0	22.40	22.41	22.32	23.50	
		8	4	22.46	22.46	22.45	23.50	
		8	7	22.43	22.30	22.22	23.50	
		15	0	22.30	22.45	22.36	23.50	
	64QAM	1	0	22.20	22.23	22.23	23.50	
		1	7	21.95	22.08	22.05	23.50	
		1	14	22.26	22.09	22.14	23.50	
		8	0	21.54	21.38	21.46	22.50	
		8	4	21.26	21.41	21.32	22.50	
		8	7	21.35	21.41	21.33	22.50	
	256QAM	15	0	21.37	21.32	21.26	22.50	
		1	0	19.11	19.22	19.21	20.50	
		1	7	19.30	19.15	19.09	20.50	
		1	14	19.41	19.34	19.39	20.50	
		8	0	19.17	19.09	19.19	20.50	
		8	4	18.88	18.88	18.87	20.50	
		8	7	19.01	18.99	19.01	20.50	
		15	0	19.13	19.09	19.23	20.50	
		Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
19975						20175	20375	
5MHz		QPSK	1	0	24.30	24.40	24.42	25.50
			1	13	24.33	24.27	24.43	25.50
	1		24	24.36	24.41	24.38	25.50	
	12		0	23.38	23.40	23.27	24.50	
	12		6	23.30	23.26	23.28	24.50	
	12		13	23.43	23.24	23.14	24.50	
	25		0	23.27	23.33	23.37	24.50	
	16QAM	1	0	23.27	23.26	23.24	24.50	
		1	13	23.34	23.25	23.25	24.50	
		1	24	23.41	23.21	23.22	24.50	
		12	0	22.47	22.33	22.31	23.50	
		12	6	22.46	22.51	22.51	23.50	
		12	13	22.33	22.29	22.24	23.50	
		25	0	22.42	22.33	22.28	23.50	
	64QAM	1	0	22.28	22.26	22.13	23.50	
		1	13	22.01	22.05	22.07	23.50	
		1	24	22.17	22.15	22.19	23.50	
		12	0	21.49	21.44	21.45	22.50	



		12	6	21.35	21.38	21.24	22.50
		12	13	21.46	21.35	21.43	22.50
		25	0	21.33	21.29	21.27	22.50
	256QAM	1	0	19.22	19.31	19.30	20.50
		1	13	19.27	19.07	19.09	20.50
		1	24	19.33	19.41	19.42	20.50
		12	0	19.25	19.14	19.20	20.50
		12	6	18.94	18.88	18.89	20.50
		12	13	19.09	18.91	19.11	20.50
25	0	19.12	19.20	19.12	20.50		
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20000	20175	20350	
10MHz	QPSK	1	0	24.44	24.44	24.41	25.50
		1	25	24.29	24.23	24.39	25.50
		1	49	24.32	24.33	24.42	25.50
		25	0	23.36	23.48	23.34	24.50
		25	13	23.20	23.38	23.31	24.50
		25	25	23.39	23.15	23.14	24.50
		50	0	23.32	23.32	23.29	24.50
	16QAM	1	0	23.30	23.28	23.26	24.50
		1	25	23.29	23.32	23.25	24.50
		1	49	23.35	23.27	23.27	24.50
		25	0	22.48	22.31	22.27	23.50
		25	13	22.41	22.45	22.57	23.50
		25	25	22.41	22.37	22.23	23.50
		50	0	22.35	22.36	22.34	23.50
	64QAM	1	0	22.25	22.17	22.24	23.50
		1	25	22.00	22.05	22.10	23.50
		1	49	22.20	22.14	22.19	23.50
		25	0	21.45	21.40	21.35	22.50
		25	13	21.38	21.35	21.35	22.50
		25	25	21.41	21.43	21.35	22.50
		50	0	21.29	21.27	21.27	22.50
	256QAM	1	0	19.17	19.27	19.19	20.50
		1	25	19.25	19.15	19.18	20.50
		1	49	19.41	19.40	19.35	20.50
		25	0	19.24	19.12	19.14	20.50
		25	13	18.91	18.93	18.86	20.50
		25	25	19.10	18.88	19.04	20.50
		50	0	19.19	19.07	19.16	20.50

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20025	20175	20325	
15MHz	QPSK	1	0	24.44	24.46	24.46	25.50
		1	38	24.28	24.19	24.42	25.50
		1	74	24.29	24.32	24.43	25.50
		36	0	23.39	23.38	23.36	24.50
		36	18	23.25	23.35	23.31	24.50
		36	39	23.43	23.22	23.20	24.50
		75	0	23.26	23.43	23.36	24.50
	16QAM	1	0	23.22	23.30	23.17	24.50
		1	38	23.32	23.32	23.26	24.50
		1	74	23.31	23.23	23.15	24.50
		36	0	22.45	22.39	22.34	23.50
		36	18	22.41	22.47	22.57	23.50
		36	39	22.39	22.29	22.17	23.50
		75	0	22.31	22.35	22.27	23.50
	64QAM	1	0	22.24	22.24	22.16	23.50
		1	38	22.05	22.07	22.16	23.50
		1	74	22.12	22.09	22.15	23.50
		36	0	21.52	21.42	21.34	22.50
		36	18	21.30	21.35	21.31	22.50
		36	39	21.42	21.36	21.38	22.50
		75	0	21.35	21.33	21.32	22.50
	256QAM	1	0	19.12	19.25	19.27	20.50
		1	38	19.20	19.08	19.12	20.50
		1	74	19.43	19.37	19.41	20.50
		36	0	19.19	19.17	19.15	20.50
		36	18	18.87	18.94	18.99	20.50
		36	39	19.03	19.00	19.01	20.50
		75	0	19.20	19.21	19.23	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
20MHz	QPSK	1	0	24.36	24.50	24.38	25.50
		1	50	24.27	24.14	24.33	25.50
		1	99	24.28	24.32	24.37	25.50
		50	0	23.42	23.37	23.24	24.50
		50	25	23.22	23.41	23.22	24.50
		50	50	23.40	23.15	23.20	24.50
		100	0	23.29	23.47	23.26	24.50
		16QAM	1	0	23.32	23.36	23.18
					20050	20175	20300

		1	50	23.21	23.29	23.16	24.50
		1	99	23.38	23.23	23.23	24.50
		50	0	22.35	22.43	22.34	23.50
		50	25	22.47	22.46	22.54	23.50
		50	50	22.36	22.29	22.26	23.50
		100	0	22.31	22.45	22.28	23.50
	64QAM	1	0	22.27	22.25	22.21	23.50
		1	50	22.08	22.13	22.12	23.50
		1	99	22.12	22.10	22.15	23.50
		50	0	21.51	21.40	21.42	22.50
		50	25	21.34	21.42	21.27	22.50
		50	50	21.42	21.34	21.41	22.50
	256QAM	100	0	21.29	21.37	21.32	22.50
		1	0	19.17	19.19	19.29	20.50
		1	50	19.28	19.19	19.15	20.50
		1	99	19.38	19.38	19.41	20.50
		50	0	19.23	19.04	19.23	20.50
		50	25	18.95	18.93	18.91	20.50
		50	50	19.05	18.89	18.99	20.50
	100	0	19.21	19.16	19.11	20.50	

LTE Band 4 DS11 DS15 For ENDC				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19957	20175	20393	
1.4MHz	QPSK	1	0	17.74	17.88	17.82	19.00
		1	2	17.82	17.62	17.88	19.00
		1	5	17.75	17.61	17.85	19.00
		3	0	17.92	17.92	17.87	19.00
		3	2	17.76	17.59	17.83	19.00
		3	3	17.76	17.61	17.87	19.00
		6	0	17.75	17.85	17.84	19.00
	16QAM	1	0	17.85	17.72	17.87	19.00
		1	2	17.80	17.63	17.85	19.00
		1	5	17.77	17.64	17.78	19.00
		3	0	17.77	17.59	17.87	19.00
		3	2	17.75	17.65	17.87	19.00
		3	3	17.78	17.60	17.78	19.00
		6	0	17.71	17.57	17.82	19.00

	64QAM	1	0	17.76	17.63	17.88	19.00
		1	2	17.73	17.66	17.82	19.00
		1	5	17.87	17.64	17.76	19.00
		3	0	17.71	17.67	17.69	19.00
		3	2	17.85	17.71	17.80	19.00
		3	3	17.69	17.67	17.86	19.00
		6	0	17.73	17.60	17.73	19.00
	256QAM	1	0	17.76	17.68	17.75	19.00
		1	2	17.75	17.72	17.79	19.00
		1	5	17.71	17.58	17.81	19.00
		3	0	17.65	17.59	17.75	19.00
		3	2	17.87	17.64	17.83	19.00
		3	3	17.68	17.67	17.76	19.00
		6	0	17.73	17.62	17.73	19.00
<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>
				19965	20175	20385	
<b>3MHz</b>	QPSK	1	0	17.85	17.86	17.73	19.00
		1	7	17.82	17.57	17.89	19.00
		1	14	17.65	17.61	17.85	19.00
		8	0	17.83	17.83	17.83	19.00
		8	4	17.71	17.65	17.80	19.00
		8	7	17.67	17.60	17.84	19.00
		15	0	17.79	17.90	17.80	19.00
	16QAM	1	0	17.82	17.71	17.88	19.00
		1	7	17.70	17.59	17.76	19.00
		1	14	17.66	17.61	17.75	19.00
		8	0	17.74	17.71	17.77	19.00
		8	4	17.85	17.65	17.82	19.00
		8	7	17.80	17.68	17.83	19.00
		15	0	17.67	17.56	17.78	19.00
	64QAM	1	0	17.77	17.63	17.80	19.00
		1	7	17.83	17.58	17.75	19.00
		1	14	17.81	17.71	17.85	19.00
		8	0	17.75	17.63	17.79	19.00
		8	4	17.79	17.70	17.78	19.00
		8	7	17.79	17.69	17.85	19.00
		15	0	17.81	17.65	17.83	19.00
	256QAM	1	0	17.77	17.63	17.72	19.00
		1	7	17.73	17.64	17.83	19.00
		1	14	17.75	17.60	17.83	19.00

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				19975	20175	20375		
5MHz	QPSK	8	0	17.71	17.68	17.70	19.00	
		8	4	17.74	17.66	17.82	19.00	
		8	7	17.76	17.70	17.75	19.00	
		15	0	17.83	17.70	17.73	19.00	
	16QAM	16QAM	1	0	17.77	17.84	17.77	19.00
			1	13	17.82	17.69	17.88	19.00
			1	24	17.75	17.67	17.73	19.00
			12	0	17.93	17.80	17.83	19.00
			12	6	17.72	17.54	17.76	19.00
			12	13	17.73	17.67	17.78	19.00
			25	0	17.84	17.88	17.78	19.00
	64QAM	64QAM	1	0	17.80	17.65	17.85	19.00
			1	13	17.74	17.57	17.74	19.00
			1	24	17.70	17.66	17.71	19.00
			12	0	17.84	17.65	17.89	19.00
			12	6	17.81	17.58	17.83	19.00
			12	13	17.80	17.69	17.70	19.00
			25	0	17.69	17.66	17.81	19.00
	256QAM	256QAM	1	0	17.81	17.70	17.78	19.00
			1	13	17.73	17.68	17.81	19.00
			1	24	17.86	17.74	17.75	19.00
			12	0	17.74	17.64	17.79	19.00
			12	6	17.83	17.62	17.72	19.00
			12	13	17.74	17.71	17.79	19.00
			25	0	17.68	17.59	17.73	19.00
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					20000	20175	20350	
	10MHz	QPSK	1	0	17.84	17.87	17.77	19.00
1			25	17.70	17.61	17.87	19.00	
1			49	17.63	17.68	17.78	19.00	
25			0	17.87	17.86	17.82	19.00	

	16QAM	25	13	17.69	17.59	17.89	19.00
		25	25	17.75	17.71	17.81	19.00
		50	0	17.73	17.91	17.91	19.00
		1	0	17.74	17.59	17.81	19.00
		1	25	17.78	17.57	17.76	19.00
		1	49	17.80	17.66	17.73	19.00
		25	0	17.72	17.57	17.85	19.00
		25	13	17.76	17.69	17.74	19.00
		25	25	17.81	17.73	17.81	19.00
	50	0	17.70	17.65	17.83	19.00	
	64QAM	1	0	17.83	17.58	17.89	19.00
		1	25	17.76	17.61	17.85	19.00
		1	49	17.80	17.74	17.86	19.00
		25	0	17.83	17.64	17.73	19.00
		25	13	17.75	17.70	17.86	19.00
		25	25	17.70	17.61	17.87	19.00
		50	0	17.70	17.60	17.79	19.00
	256QAM	1	0	17.74	17.58	17.77	19.00
		1	25	17.73	17.64	17.82	19.00
		1	49	17.75	17.59	17.86	19.00
		25	0	17.73	17.67	17.82	19.00
25		13	17.88	17.68	17.80	19.00	
25		25	17.82	17.70	17.85	19.00	
50		0	17.83	17.57	17.80	19.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20025	20175	20325	
15MHz	QPSK	1	0	17.77	17.90	17.84	19.00
		1	38	17.71	17.57	17.84	19.00
		1	74	17.76	17.70	17.73	19.00
		36	0	17.81	17.82	17.88	19.00
		36	18	17.81	17.65	17.90	19.00
		36	39	17.74	17.66	17.90	19.00
		75	0	17.87	17.92	17.90	19.00
	16QAM	1	0	17.86	17.72	17.88	19.00
		1	38	17.72	17.59	17.75	19.00
		1	74	17.81	17.59	17.72	19.00
		36	0	17.76	17.67	17.80	19.00
		36	18	17.78	17.63	17.75	19.00
		36	39	17.81	17.73	17.82	19.00
		75	0	17.67	17.54	17.70	19.00

	64QAM	1	0	17.78	17.67	17.85	19.00
		1	38	17.84	17.64	17.79	19.00
		1	74	17.78	17.69	17.76	19.00
		36	0	17.77	17.62	17.83	19.00
		36	18	17.74	17.60	17.72	19.00
		36	39	17.73	17.62	17.77	19.00
		75	0	17.74	17.72	17.86	19.00
	256QAM	1	0	17.72	17.71	17.69	19.00
		1	38	17.74	17.63	17.84	19.00
		1	74	17.72	17.68	17.79	19.00
		36	0	17.76	17.67	17.76	19.00
		36	18	17.88	17.66	17.81	19.00
		36	39	17.78	17.65	17.78	19.00
		75	0	17.74	17.62	17.86	19.00
<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>
				20050	20175	20300	
<b>20MHz</b>	QPSK	1	0	17.83	17.95	17.81	19.00
		1	50	17.80	17.59	17.82	19.00
		1	99	17.70	17.64	17.74	19.00
		50	0	17.75	17.87	17.80	19.00
		50	25	17.81	17.64	17.69	19.00
		50	50	17.64	17.68	17.75	19.00
		100	0	17.78	17.92	17.85	19.00
	16QAM	1	0	17.77	17.65	17.78	19.00
		1	50	17.84	17.67	17.70	19.00
		1	99	17.70	17.58	17.71	19.00
		50	0	17.67	17.66	17.85	19.00
		50	25	17.72	17.62	17.74	19.00
		50	50	17.67	17.67	17.78	19.00
		100	0	17.77	17.56	17.74	19.00
	64QAM	1	0	17.79	17.66	17.84	19.00
		1	50	17.74	17.58	17.81	19.00
		1	99	17.73	17.59	17.83	19.00
		50	0	17.71	17.57	17.87	19.00
		50	25	17.76	17.61	17.84	19.00
		50	50	17.82	17.66	17.79	19.00
		100	0	17.73	17.63	17.79	19.00
	256QAM	1	0	17.79	17.56	17.83	19.00
		1	50	17.76	17.68	17.84	19.00
		1	99	17.77	17.67	17.85	19.00

		50	0	17.84	17.63	17.78	19.00
		50	25	17.77	17.57	17.80	19.00
		50	50	17.71	17.63	17.80	19.00
		100	0	17.72	17.60	17.84	19.00

LTE Band 4 DS13 For ENDC				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19957	20175	20393	
1.4MHz	QPSK	1	0	21.30	21.41	21.29	22.50
		1	2	21.13	21.21	21.22	22.50
		1	5	21.24	21.17	21.30	22.50
		3	0	21.17	21.09	21.36	22.50
		3	2	21.17	21.14	21.29	22.50
		3	3	21.21	21.09	21.33	22.50
		6	0	21.23	21.08	21.31	22.50
	16QAM	1	0	21.20	21.04	21.32	22.50
		1	2	21.22	21.15	21.30	22.50
		1	5	21.27	21.07	21.30	22.50
		3	0	21.14	21.19	21.31	22.50
		3	2	21.14	21.13	21.28	22.50
		3	3	21.22	21.10	21.28	22.50
		6	0	21.11	21.09	21.26	22.50
	64QAM	1	0	21.16	21.10	21.40	22.50
		1	2	21.27	21.05	21.26	22.50
		1	5	21.14	21.12	21.30	22.50
		3	0	21.14	21.12	21.40	22.50
		3	2	21.13	21.15	21.29	22.50
		3	3	21.18	21.13	21.34	22.50
		6	0	21.10	21.08	21.28	22.50
	256QAM	1	0	19.16	19.27	19.23	20.50
		1	2	19.26	19.19	19.10	20.50
		1	5	19.42	19.33	19.40	20.50
		3	0	19.25	19.05	19.16	20.50
		3	2	18.94	18.89	18.92	20.50
		3	3	19.08	18.94	18.97	20.50
		6	0	19.14	19.16	19.21	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up



				19965	20175	20385	
<b>3MHz</b>	QPSK	1	0	21.29	21.34	21.34	22.50
		1	7	21.19	21.13	21.30	22.50
		1	14	21.26	21.15	21.28	22.50
		8	0	21.08	21.17	21.27	22.50
		8	4	21.15	21.13	21.24	22.50
		8	7	21.15	21.11	21.29	22.50
		15	0	21.20	21.24	21.23	22.50
	16QAM	1	0	21.16	21.10	21.28	22.50
		1	7	21.21	21.11	21.35	22.50
		1	14	21.22	21.15	21.26	22.50
		8	0	21.15	21.04	21.36	22.50
		8	4	21.16	21.22	21.20	22.50
		8	7	21.26	21.12	21.25	22.50
		15	0	21.26	21.13	21.21	22.50
	64QAM	1	0	21.14	21.18	21.31	22.50
		1	7	21.15	21.15	21.30	22.50
		1	14	21.21	21.06	21.31	22.50
		8	0	21.13	21.12	21.37	22.50
		8	4	21.12	21.20	21.33	22.50
		8	7	21.16	21.08	21.38	22.50
		15	0	21.22	21.14	21.24	22.50
	256QAM	1	0	19.15	19.22	19.22	20.50
		1	7	19.15	19.17	19.17	20.50
		1	14	19.49	19.45	19.30	20.50
		8	0	19.23	19.19	19.21	20.50
		8	4	18.87	19.07	18.88	20.50
		8	7	19.08	19.00	19.02	20.50
		15	0	19.21	19.13	19.21	20.50
<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>
				19975	20175	20375	
<b>5MHz</b>	QPSK	1	0	21.19	21.32	21.34	22.50
		1	13	21.27	21.11	21.22	22.50
		1	24	21.14	21.23	21.39	22.50
		12	0	21.19	21.21	21.32	22.50
		12	6	21.10	21.19	21.37	22.50
		12	13	21.21	21.15	21.24	22.50
		25	0	21.20	21.19	21.30	22.50
	16QAM	1	0	21.24	21.19	21.26	22.50
		1	13	21.22	21.12	21.25	22.50

		1	24	21.24	21.13	21.33	22.50
		12	0	21.19	21.04	21.30	22.50
		12	6	21.17	21.23	21.24	22.50
		12	13	21.20	21.09	21.26	22.50
		25	0	21.14	21.19	21.28	22.50
	64QAM	1	0	21.15	21.08	21.39	22.50
		1	13	21.27	21.10	21.20	22.50
		1	24	21.29	21.10	21.34	22.50
		12	0	21.16	21.14	21.36	22.50
		12	6	21.10	21.18	21.35	22.50
		12	13	21.15	21.09	21.30	22.50
	256QAM	25	0	21.15	21.12	21.30	22.50
		1	0	19.12	19.17	19.22	20.50
		1	13	19.19	19.12	19.06	20.50
		1	24	19.40	19.38	19.36	20.50
		12	0	19.21	19.21	19.25	20.50
		12	6	18.91	19.01	18.85	20.50
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
20000					20175	20350	
10MHz	QPSK	1	0	21.29	21.31	21.22	22.50
		1	25	21.21	21.12	21.28	22.50
		1	49	21.20	21.23	21.24	22.50
		25	0	21.09	21.21	21.23	22.50
		25	13	21.10	21.10	21.26	22.50
		25	25	21.07	21.13	21.26	22.50
		50	0	21.23	21.16	21.22	22.50
	16QAM	1	0	21.13	21.17	21.34	22.50
		1	25	21.20	21.14	21.34	22.50
		1	49	21.23	21.17	21.26	22.50
		25	0	21.20	21.18	21.33	22.50
		25	13	21.13	21.09	21.23	22.50
		25	25	21.22	21.19	21.31	22.50
		50	0	21.24	21.15	21.25	22.50
	64QAM	1	0	21.20	21.15	21.29	22.50
		1	25	21.21	21.15	21.25	22.50
		1	49	21.23	21.15	21.35	22.50
		25	0	21.11	21.09	21.27	22.50
		25	13	21.21	21.06	21.37	22.50

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				20025	20175	20325		
15MHz	256QAM	25	25	21.12	21.16	21.26	22.50	
		50	0	21.16	21.15	21.31	22.50	
		1	0	19.13	19.27	19.24	20.50	
		1	25	19.24	19.09	19.14	20.50	
		1	49	19.47	19.32	19.42	20.50	
		25	0	19.32	19.17	19.25	20.50	
		25	13	18.95	18.94	18.89	20.50	
		25	25	19.11	18.98	19.04	20.50	
		50	0	19.16	19.08	19.16	20.50	
	15MHz	QPSK	1	0	21.22	21.39	21.34	22.50
			1	38	21.22	21.11	21.28	22.50
			1	74	21.13	21.23	21.24	22.50
			36	0	21.17	21.11	21.29	22.50
			36	18	21.09	21.08	21.22	22.50
			36	39	21.19	21.09	21.26	22.50
			75	0	21.14	21.17	21.35	22.50
		16QAM	1	0	21.17	21.11	21.28	22.50
			1	38	21.11	21.07	21.31	22.50
			1	74	21.25	21.07	21.26	22.50
			36	0	21.16	21.05	21.27	22.50
			36	18	21.11	21.13	21.30	22.50
			36	39	21.18	21.22	21.34	22.50
			75	0	21.15	21.20	21.26	22.50
		64QAM	1	0	21.22	21.16	21.34	22.50
			1	38	21.23	21.09	21.30	22.50
1			74	21.29	21.19	21.29	22.50	
36			0	21.21	21.04	21.23	22.50	
36			18	21.16	21.06	21.36	22.50	
36			39	21.07	21.17	21.32	22.50	
75			0	21.19	21.11	21.30	22.50	
256QAM		1	0	19.18	19.18	19.21	20.50	
		1	38	19.18	19.19	19.16	20.50	
		1	74	19.50	19.45	19.38	20.50	
		36	0	19.27	19.20	19.16	20.50	
	36	18	18.88	18.96	18.90	20.50		
	36	39	19.02	18.98	18.99	20.50		
	75	0	19.08	19.09	19.14	20.50		
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	

				20050	20175	20300	
<b>20MHz</b>	<b>QPSK</b>	1	0	21.20	21.47	21.36	22.50
		1	50	21.12	21.20	21.30	22.50
		1	99	21.15	21.10	21.24	22.50
		50	0	21.26	21.38	21.34	22.50
		50	25	21.27	21.20	21.40	22.50
		50	50	21.11	21.06	21.33	22.50
		100	0	21.20	21.38	21.38	22.50
	<b>16QAM</b>	1	0	21.25	21.20	21.33	22.50
		1	50	21.21	21.12	21.37	22.50
		1	99	21.18	21.14	21.35	22.50
		50	0	21.13	21.06	21.37	22.50
		50	25	21.11	21.25	21.24	22.50
		50	50	21.17	21.15	21.36	22.50
		100	0	21.24	21.14	21.30	22.50
	<b>64QAM</b>	1	0	21.08	21.16	21.36	22.50
		1	50	21.16	21.23	21.35	22.50
		1	99	21.23	21.11	21.37	22.50
		50	0	21.10	21.09	21.36	22.50
		50	25	21.18	21.09	21.30	22.50
		50	50	21.16	21.09	21.30	22.50
		100	0	21.22	21.11	21.34	22.50
	<b>256QAM</b>	1	0	19.23	19.20	19.24	20.50
		1	50	19.16	19.20	19.15	20.50
		1	99	19.41	19.38	19.37	20.50
		50	0	19.22	19.10	19.10	20.50
		50	25	18.95	18.95	18.88	20.50
		50	50	19.04	18.89	19.06	20.50
		100	0	19.21	19.14	19.20	20.50

<b>LTE Band 7 Full Power</b>				<b>Conducted Power(dBm)</b>			
<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>
				20775	21100	21425	
<b>5MHz</b>	<b>QPSK</b>	1	0	25.47	25.50	25.55	25.70
		1	13	25.49	25.39	25.51	25.70
		1	24	25.48	25.54	25.54	25.70
		12	0	24.44	24.42	24.47	24.70
		12	6	24.42	24.45	24.43	24.70

		12	13	24.47	24.45	24.38	24.70	
		25	0	24.53	24.45	24.47	24.70	
	16QAM	1	0	24.52	24.43	24.36	24.70	
		1	13	24.51	24.38	24.40	24.70	
		1	24	24.51	24.44	24.41	24.70	
		12	0	23.64	23.58	23.58	23.70	
		12	6	23.66	23.63	23.64	23.70	
		12	13	23.56	23.51	23.45	23.70	
		25	0	23.54	23.55	23.47	23.70	
		64QAM	1	0	23.42	23.37	23.33	23.70
	1		13	23.17	23.22	23.31	23.70	
	1		24	23.41	23.39	23.35	23.70	
	12		0	22.63	22.64	22.57	22.70	
	12		6	22.53	22.61	22.48	22.70	
	12		13	22.51	22.49	22.47	22.70	
	25		0	22.50	22.51	22.42	22.70	
	256QAM	1	0	20.38	20.35	20.37	20.70	
		1	13	20.43	20.37	20.35	20.70	
		1	24	20.57	20.56	20.56	20.70	
		12	0	20.37	20.33	20.33	20.70	
		12	6	20.11	20.17	20.14	20.70	
		12	13	20.20	20.10	20.16	20.70	
		25	0	20.39	20.30	20.34	20.70	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					20800	21100	21400	
10MHz	QPSK	1	0	25.50	25.50	25.53	25.70	
		1	25	25.52	25.39	25.48	25.70	
		1	49	25.50	25.52	25.49	25.70	
		25	0	24.46	24.43	24.44	24.70	
		25	13	24.41	24.47	24.46	24.70	
		25	25	24.49	24.44	24.44	24.70	
		50	0	24.56	24.46	24.44	24.70	
	16QAM	1	0	24.51	24.40	24.42	24.70	
		1	25	24.55	24.38	24.39	24.70	
		1	49	24.46	24.44	24.43	24.70	
		25	0	23.58	23.56	23.57	23.70	
		25	13	23.58	23.64	23.65	23.70	
		25	25	23.57	23.47	23.50	23.70	
		50	0	23.59	23.53	23.51	23.70	
	64QAM	1	0	23.43	23.41	23.36	23.70	

		1	25	23.20	23.21	23.23	23.70
		1	49	23.42	23.33	23.28	23.70
		25	0	22.68	22.64	22.56	22.70
		25	13	22.49	22.59	22.42	22.70
		25	25	22.53	22.48	22.56	22.70
		50	0	22.47	22.54	22.43	22.70
	256QAM	1	0	20.36	20.39	20.38	20.70
		1	25	20.37	20.35	20.36	20.70
		1	49	20.56	20.53	20.53	20.70
		25	0	20.39	20.34	20.29	20.70
		25	13	20.07	20.10	20.07	20.70
		25	25	20.15	20.10	20.20	20.70
		50	0	20.33	20.27	20.36	20.70
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
20825					21100	21375	
15MHz	QPSK	1	0	25.50	25.46	25.55	25.70
		1	38	25.53	25.38	25.56	25.70
		1	74	25.48	25.54	25.55	25.70
		36	0	24.38	24.39	24.48	24.70
		36	18	24.45	24.49	24.39	24.70
		36	39	24.53	24.42	24.40	24.70
		75	0	24.54	24.45	24.47	24.70
	16QAM	1	0	24.51	24.39	24.44	24.70
		1	38	24.54	24.37	24.43	24.70
		1	74	24.54	24.46	24.36	24.70
		36	0	23.63	23.52	23.52	23.70
		36	18	23.65	23.61	23.63	23.70
		36	39	23.52	23.48	23.49	23.70
		75	0	23.56	23.54	23.48	23.70
	64QAM	1	0	23.44	23.35	23.29	23.70
		1	38	23.21	23.23	23.25	23.70
		1	74	23.37	23.41	23.34	23.70
		36	0	22.64	22.57	22.57	22.70
		36	18	22.52	22.55	22.45	22.70
		36	39	22.56	22.53	22.55	22.70
		75	0	22.49	22.56	22.48	22.70
	256QAM	1	0	20.35	20.35	20.39	20.70
		1	38	20.39	20.34	20.35	20.70
		1	74	20.54	20.47	20.59	20.70
		36	0	20.35	20.28	20.29	20.70

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20850	21100	21350	
20MHz	QPSK	36	18	20.14	20.15	20.12	20.70
		36	39	20.21	20.09	20.19	20.70
		75	0	20.35	20.28	20.36	20.70
	16QAM	1	0	25.52	25.57	25.52	25.70
		1	50	25.5	25.39	25.51	25.70
		1	99	25.49	25.47	25.50	25.70
		50	0	24.48	24.51	24.48	24.70
		50	25	24.44	24.44	24.42	24.70
		50	50	24.47	24.46	24.41	24.70
		100	0	24.36	24.56	24.49	24.70
	64QAM	1	0	24.52	24.45	24.44	24.70
		1	50	24.55	24.45	24.39	24.70
		1	99	24.51	24.44	24.43	24.70
		50	0	23.58	23.57	23.55	23.70
		50	25	23.65	23.64	23.63	23.70
		50	50	23.57	23.44	23.42	23.70
		100	0	23.53	23.54	23.51	23.70
	256QAM	1	0	23.44	23.37	23.32	23.70
		1	50	23.23	23.23	23.24	23.70
		1	99	23.44	23.34	23.29	23.70
		50	0	22.65	22.65	22.58	22.70
		50	25	22.52	22.59	22.46	22.70
		50	50	22.55	22.49	22.52	22.70
		100	0	22.56	22.55	22.46	22.70
	256QAM	1	0	20.33	20.42	20.42	20.70
		1	50	20.40	20.34	20.37	20.70
		1	99	20.57	20.47	20.57	20.70
		50	0	20.40	20.34	20.31	20.70
		50	25	20.10	20.13	20.06	20.70
		50	50	20.23	20.14	20.15	20.70
100		0	20.36	20.32	20.30	20.70	

LTE Band 7 DSI1 DSI5				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20775	21100	21425	
5MHz	QPSK	1	0	16.90	16.90	16.84	17.70

		1	13	16.88	16.88	16.80	17.70	
		1	24	16.83	16.90	16.77	17.70	
		12	0	16.82	16.87	16.83	17.70	
		12	6	16.86	16.94	16.84	17.70	
		12	13	16.85	16.87	16.84	17.70	
		25	0	16.85	16.92	16.80	17.70	
	16QAM	1	0	16.85	16.95	16.78	17.70	
		1	13	16.87	16.91	16.81	17.70	
		1	24	16.86	16.93	16.83	17.70	
		12	0	16.82	16.90	16.82	17.70	
		12	6	16.84	16.95	16.77	17.70	
		12	13	16.86	16.88	16.79	17.70	
	64QAM	25	0	16.91	16.93	16.83	17.70	
		1	0	16.90	16.94	16.84	17.70	
		1	13	16.87	16.94	16.83	17.70	
		1	24	16.83	16.94	16.80	17.70	
		12	0	16.85	16.94	16.85	17.70	
		12	6	16.83	16.90	16.81	17.70	
	256QAM	12	13	16.83	16.95	16.81	17.70	
		25	0	16.90	16.88	16.80	17.70	
		1	0	16.83	16.87	16.80	17.70	
		1	13	16.87	16.92	16.77	17.70	
		1	24	16.85	16.93	16.79	17.70	
		12	0	16.83	16.86	16.78	17.70	
	10MHz	QPSK	12	6	16.84	16.89	16.79	17.70
			12	13	16.88	16.91	16.82	17.70
	25		0	16.85	16.91	16.81	17.70	
	1		0	16.86	16.91	16.80	17.70	
1	25		16.89	16.93	16.82	17.70		
1	49		16.84	16.90	16.83	17.70		
25	0		16.83	16.94	16.84	17.70		
16QAM	25	13	16.90	16.86	16.77	17.70		
	25	25	16.86	16.90	16.77	17.70		
	50	0	16.90	16.92	16.85	17.70		
	1	0	16.82	16.87	16.82	17.70		
		1	25	16.86	16.88	16.80	17.70	
		1	49	16.88	16.94	16.76	17.70	
		25	0	16.89	16.91	16.76	17.70	
		25	0	16.89	16.91	16.76	17.70	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				20800	21100	21400		



	64QAM	25	13	16.83	16.91	16.84	17.70
		25	25	16.85	16.90	16.85	17.70
		50	0	16.85	16.94	16.84	17.70
		1	0	16.85	16.89	16.82	17.70
		1	25	16.85	16.94	16.76	17.70
		1	49	16.86	16.93	16.77	17.70
		25	0	16.85	16.87	16.83	17.70
		25	13	16.82	16.93	16.82	17.70
		25	25	16.86	16.93	16.83	17.70
	50	0	16.88	16.87	16.78	17.70	
	256QAM	1	0	16.90	16.86	16.82	17.70
		1	25	16.84	16.89	16.84	17.70
		1	49	16.83	16.89	16.77	17.70
		25	0	16.84	16.95	16.76	17.70
		25	13	16.90	16.86	16.81	17.70
		25	25	16.86	16.91	16.81	17.70
		50	0	16.83	16.90	16.80	17.70
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
20825					21100	21375	
15MHz	QPSK	1	0	16.88	16.94	16.77	17.70
		1	38	16.84	16.92	16.82	17.70
		1	74	16.83	16.89	16.83	17.70
		36	0	16.90	16.88	16.76	17.70
		36	18	16.89	16.91	16.80	17.70
		36	39	16.83	16.87	16.83	17.70
		75	0	16.88	16.92	16.85	17.70
	16QAM	1	0	16.90	16.89	16.77	17.70
		1	38	16.88	16.88	16.79	17.70
		1	74	16.89	16.87	16.79	17.70
		36	0	16.83	16.89	16.80	17.70
		36	18	16.91	16.87	16.77	17.70
		36	39	16.84	16.87	16.82	17.70
		75	0	16.87	16.92	16.85	17.70
	64QAM	1	0	16.85	16.90	16.80	17.70
		1	38	16.90	16.86	16.84	17.70
		1	74	16.86	16.89	16.84	17.70
		36	0	16.88	16.92	16.76	17.70
		36	18	16.86	16.91	16.82	17.70
		36	39	16.88	16.95	16.79	17.70
		75	0	16.86	16.94	16.80	17.70

	256QAM	1	0	16.88	16.91	16.81	17.70
		1	38	16.85	16.86	16.83	17.70
		1	74	16.84	16.89	16.77	17.70
		36	0	16.87	16.88	16.81	17.70
		36	18	16.87	16.93	16.84	17.70
		36	39	16.91	16.93	16.80	17.70
		75	0	16.87	16.91	16.85	17.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20850	21100	21350	
20MHz	QPSK	1	0	17.03	17.09	17.03	17.70
		1	50	16.84	16.87	16.77	17.70
		1	99	16.84	16.87	16.84	17.70
		50	0	17.01	17.02	17.01	17.70
		50	25	16.87	16.91	16.80	17.70
		50	50	16.82	16.92	16.84	17.70
		100	0	16.82	17.00	16.78	17.70
	16QAM	1	0	16.83	16.89	16.81	17.70
		1	50	16.85	16.93	16.85	17.70
		1	99	16.88	16.88	16.79	17.70
		50	0	16.84	16.92	16.82	17.70
		50	25	16.82	16.89	16.76	17.70
		50	50	16.86	16.89	16.81	17.70
		100	0	16.90	16.87	16.77	17.70
	64QAM	1	0	16.91	16.94	16.82	17.70
		1	50	16.86	16.95	16.83	17.70
		1	99	16.87	16.89	16.85	17.70
		50	0	16.82	16.91	16.76	17.70
		50	25	16.84	16.93	16.82	17.70
		50	50	16.86	16.92	16.77	17.70
		100	0	16.87	16.94	16.84	17.70
	256QAM	1	0	16.89	16.88	16.77	17.70
		1	50	16.85	16.86	16.77	17.70
		1	99	16.85	16.88	16.78	17.70
		50	0	16.84	16.91	16.82	17.70
		50	25	16.86	16.92	16.81	17.70
		50	50	16.85	16.86	16.76	17.70
		100	0	16.91	16.90	16.84	17.70

<b>LTE Band 7 DS13</b>	<b>Conducted Power(dBm)</b>
------------------------	-----------------------------

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20775	21100	21425	
5MHz	QPSK	1	0	18.95	18.97	18.92	19.70
		1	13	18.98	19.03	18.91	19.70
		1	24	18.95	19.02	18.92	19.70
		12	0	18.92	19.03	18.94	19.70
		12	6	18.92	18.97	18.92	19.70
		12	13	18.95	18.97	18.91	19.70
		25	0	18.96	19.02	18.88	19.70
	16QAM	1	0	18.99	19.01	18.91	19.70
		1	13	18.98	19.02	18.89	19.70
		1	24	18.98	18.98	18.88	19.70
		12	0	18.93	18.98	18.92	19.70
		12	6	18.94	18.99	18.92	19.70
		12	13	18.99	19.01	18.95	19.70
		25	0	18.93	19.03	18.88	19.70
	64QAM	1	0	18.98	18.99	18.93	19.70
		1	13	18.99	18.97	18.87	19.70
		1	24	18.97	18.99	18.92	19.70
		12	0	18.96	18.97	18.93	19.70
		12	6	18.96	18.99	18.88	19.70
		12	13	18.99	19.00	18.88	19.70
		25	0	18.95	18.96	18.94	19.70
	256QAM	1	0	18.98	18.96	18.91	19.70
		1	13	18.94	19.04	18.91	19.70
		1	24	18.97	19.04	18.94	19.70
		12	0	18.96	18.96	18.86	19.70
		12	6	18.94	18.97	18.93	19.70
		12	13	19.00	18.98	18.94	19.70
		25	0	18.94	19.01	18.90	19.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
10MHz	QPSK	1	0	18.96	18.96	18.88	19.70
		1	25	18.97	19.03	18.88	19.70
		1	49	18.96	18.98	18.92	19.70
		25	0	18.97	18.99	18.94	19.70
		25	13	18.99	19.03	18.93	19.70
		25	25	18.93	18.99	18.88	19.70
		50	0	18.96	18.99	18.87	19.70
	16QAM	1	0	18.95	19.01	18.90	19.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20800	21100	21400	

		1	25	18.94	18.96	18.93	19.70	
		1	49	18.92	19.00	18.89	19.70	
		25	0	18.95	19.00	18.91	19.70	
		25	13	19.00	18.99	18.93	19.70	
		25	25	18.94	19.00	18.92	19.70	
		50	0	18.95	18.99	18.93	19.70	
	64QAM	1	0	18.94	18.99	18.88	19.70	
		1	25	18.95	18.97	18.95	19.70	
		1	49	18.94	18.99	18.94	19.70	
		25	0	18.97	18.99	18.92	19.70	
		25	13	18.95	19.04	18.91	19.70	
		25	25	19.00	18.96	18.86	19.70	
	256QAM	50	0	18.92	18.97	18.92	19.70	
		1	0	18.99	18.99	18.89	19.70	
		1	25	18.98	18.96	18.94	19.70	
		1	49	18.99	19.03	18.95	19.70	
		25	0	18.92	18.98	18.93	19.70	
		25	13	18.97	19.02	18.93	19.70	
		25	25	19.01	19.02	18.89	19.70	
		50	0	18.94	19.04	18.94	19.70	
		<b>Bandwidth</b>	<b>Modulation</b>	<b>RB size</b>	<b>RB offset</b>	<b>Channel</b>	<b>Channel</b>	<b>Channel</b>
					20825	21100	21375	
15MHz		QPSK	1	0	18.99	18.99	18.89	19.70
			1	38	18.94	18.99	18.88	19.70
	1		74	19.00	18.96	18.88	19.70	
	36		0	18.94	19.02	18.93	19.70	
	36		18	18.99	19.03	18.88	19.70	
	36		39	18.92	19.00	18.91	19.70	
	16QAM	75	0	18.99	18.96	18.94	19.70	
		1	0	19.01	18.98	18.88	19.70	
		1	38	18.94	19.03	18.86	19.70	
		1	74	18.98	19.04	18.91	19.70	
		36	0	18.98	18.97	18.88	19.70	
		36	18	18.92	18.99	18.93	19.70	
	64QAM	36	39	19.01	19.00	18.91	19.70	
		75	0	18.99	18.97	18.91	19.70	
		1	0	18.97	18.99	18.93	19.70	
		1	38	19.00	19.04	18.93	19.70	
			1	74	18.92	19.05	18.92	19.70
			36	0	18.95	19.03	18.93	19.70

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				20850	21100	21350		
20MHz	256QAM	36	18	18.98	19.03	18.89	19.70	
		36	39	18.98	18.98	18.89	19.70	
		75	0	18.96	18.98	18.87	19.70	
		1	0	18.92	19.00	18.89	19.70	
		1	38	18.96	19.03	18.88	19.70	
		1	74	18.92	19.04	18.94	19.70	
		36	0	18.97	19.00	18.87	19.70	
		36	18	18.95	18.97	18.87	19.70	
		36	39	18.93	19.00	18.92	19.70	
	75	0	18.97	19.01	18.86	19.70		
	20MHz	QPSK	1	0	18.99	19.13	18.93	19.70
			1	50	18.95	19.04	18.88	19.70
			1	99	18.95	19.03	18.88	19.70
			50	0	18.98	19.02	18.97	19.70
			50	25	18.96	18.99	18.91	19.70
			50	50	19.00	18.99	18.95	19.70
			100	0	18.99	19.00	18.95	19.70
		16QAM	1	0	19.00	19.02	18.94	19.70
			1	50	19.01	18.99	18.93	19.70
			1	99	18.95	18.99	18.94	19.70
			50	0	18.92	19.02	18.94	19.70
			50	25	18.97	18.99	18.94	19.70
			50	50	18.98	19.02	18.94	19.70
			100	0	18.98	19.01	18.86	19.70
		64QAM	1	0	18.99	18.98	18.90	19.70
			1	50	18.96	19.00	18.92	19.70
			1	99	18.97	18.96	18.95	19.70
			50	0	18.95	19.02	18.89	19.70
50			25	18.95	19.01	18.94	19.70	
50			50	18.99	19.04	18.87	19.70	
100			0	19.01	18.98	18.86	19.70	
256QAM		1	0	18.99	19.04	18.95	19.70	
		1	50	18.95	19.00	18.89	19.70	
		1	99	18.98	19.04	18.89	19.70	
		50	0	18.98	19.03	18.89	19.70	
		50	25	19.00	19.02	18.89	19.70	
		50	50	18.97	19.02	18.92	19.70	
		100	0	19.00	18.98	18.93	19.70	

LTE Band 7 Full Power For ENDC				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20775	21100	21425	
5MHz	QPSK	1	0	22.77	22.78	22.75	24.00
		1	13	22.76	22.63	22.68	24.00
		1	24	22.72	22.72	22.76	24.00
		12	0	21.76	21.75	21.76	23.00
		12	6	21.72	21.60	21.71	23.00
		12	13	21.75	21.64	21.68	23.00
		25	0	21.65	21.73	21.69	23.00
	16QAM	1	0	21.77	21.66	21.60	23.00
		1	13	21.81	21.67	21.66	23.00
		1	24	21.74	21.72	21.68	23.00
		12	0	20.76	20.72	20.71	22.00
		12	6	20.91	20.87	20.90	22.00
		12	13	20.80	20.71	20.60	22.00
		25	0	20.75	20.72	20.66	22.00
	64QAM	1	0	20.64	20.58	20.51	22.00
		1	13	20.46	20.40	20.44	22.00
		1	24	20.60	20.52	20.56	22.00
		12	0	19.88	19.84	19.83	21.00
		12	6	19.68	19.84	19.65	21.00
		12	13	19.72	19.69	19.79	21.00
		25	0	19.79	19.78	19.70	21.00
	256QAM	1	0	17.51	17.68	17.58	19.00
		1	13	17.66	17.56	17.55	19.00
		1	24	17.77	17.74	17.86	19.00
		12	0	17.69	17.58	17.59	19.00
		12	6	17.31	17.29	17.26	19.00
		12	13	17.53	17.39	17.40	19.00
		25	0	17.62	17.62	17.51	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
10MHz	QPSK	1	0	22.69	22.81	22.72	24.00
		1	25	22.77	22.58	22.77	24.00
		1	49	22.69	22.74	22.72	24.00
		25	0	21.77	21.78	21.63	23.00

	16QAM	25	13	21.71	21.73	21.67	23.00	
		25	25	21.73	21.75	21.58	23.00	
		50	0	21.62	21.82	21.76	23.00	
		1	0	21.78	21.73	21.69	23.00	
		1	25	21.75	21.62	21.63	23.00	
		1	49	21.73	21.60	21.59	23.00	
		25	0	20.75	20.76	20.85	22.00	
		25	13	20.82	20.93	20.92	22.00	
		25	25	20.86	20.74	20.60	22.00	
	50	0	20.79	20.83	20.79	22.00		
	64QAM	1	0	20.71	20.53	20.54	22.00	
		1	25	20.44	20.38	20.52	22.00	
		1	49	20.72	20.52	20.52	22.00	
		25	0	19.82	19.86	19.86	21.00	
		25	13	19.71	19.85	19.70	21.00	
		25	25	19.80	19.73	19.70	21.00	
		50	0	19.81	19.70	19.75	21.00	
	256QAM	1	0	17.56	17.70	17.65	19.00	
		1	25	17.66	17.52	17.64	19.00	
		1	49	17.72	17.69	17.74	19.00	
		25	0	17.69	17.64	17.47	19.00	
		25	13	17.34	17.28	17.24	19.00	
		25	25	17.42	17.40	17.44	19.00	
		50	0	17.58	17.57	17.51	19.00	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					20825	21100	21375	
	15MHz	QPSK	1	0	22.81	22.81	22.72	24.00
			1	38	22.77	22.69	22.66	24.00
1			74	22.68	22.71	22.73	24.00	
36			0	21.74	21.76	21.69	23.00	
36			18	21.64	21.74	21.66	23.00	
36			39	21.69	21.71	21.64	23.00	
75			0	21.59	21.74	21.73	23.00	
16QAM		1	0	21.73	21.70	21.65	23.00	
		1	38	21.82	21.72	21.61	23.00	
		1	74	21.67	21.72	21.60	23.00	
		36	0	20.81	20.81	20.81	22.00	
		36	18	20.91	20.85	20.78	22.00	
		36	39	20.80	20.66	20.62	22.00	
		75	0	20.77	20.79	20.71	22.00	

	64QAM	1	0	20.63	20.64	20.55	22.00
		1	38	20.42	20.45	20.50	22.00
		1	74	20.68	20.56	20.46	22.00
		36	0	19.80	19.90	19.85	21.00
		36	18	19.76	19.87	19.65	21.00
		36	39	19.77	19.77	19.67	21.00
		75	0	19.77	19.78	19.76	21.00
	256QAM	1	0	17.55	17.70	17.57	19.00
		1	38	17.61	17.60	17.62	19.00
		1	74	17.86	17.75	17.73	19.00
		36	0	17.68	17.63	17.47	19.00
		36	18	17.38	17.43	17.29	19.00
		36	39	17.44	17.40	17.32	19.00
		75	0	17.61	17.49	17.49	19.00
<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>
				20850	21100	21350	
<b>20MHz</b>	QPSK	1	0	22.8	22.83	22.74	24.00
		1	50	22.68	22.58	22.67	24.00
		1	99	22.73	22.68	22.70	24.00
		50	0	21.65	21.72	21.76	23.00
		50	25	21.62	21.62	21.63	23.00
		50	50	21.74	21.69	21.62	23.00
		100	0	21.66	21.8	21.67	23.00
	16QAM	1	0	21.8	21.73	21.6	23.00
		1	50	21.77	21.7	21.6	23.00
		1	99	21.69	21.61	21.69	23.00
		50	0	20.78	20.87	20.79	22.00
		50	25	20.91	20.81	20.86	22.00
		50	50	20.85	20.74	20.61	22.00
		100	0	20.79	20.82	20.66	22.00
	64QAM	1	0	20.73	20.63	20.51	22.00
		1	50	20.47	20.39	20.45	22.00
		1	99	20.63	20.58	20.59	22.00
		50	0	19.84	19.92	19.74	21.00
		50	25	19.80	19.85	19.74	21.00
		50	50	19.74	19.64	19.80	21.00
		100	0	19.83	19.79	19.75	21.00
	256QAM	1	0	17.53	17.66	17.69	19.00
		1	50	17.58	17.52	17.59	19.00
		1	99	17.75	17.63	17.80	19.00



		50	0	17.61	17.64	17.60	19.00
		50	25	17.34	17.36	17.23	19.00
		50	50	17.41	17.40	17.42	19.00
		100	0	17.64	17.52	17.45	19.00

LTE Band 7 DS11 DS15 For ENDC				Conducted Power(dBm)				
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				20775	21100	21425		
5MHz	QPSK	1	0	15.09	15.15	15.12	16.00	
		1	13	14.88	14.91	14.77	16.00	
		1	24	14.83	14.92	14.90	16.00	
		12	0	15.04	14.98	15.08	16.00	
		12	6	14.94	14.92	14.84	16.00	
		12	13	14.86	14.96	14.87	16.00	
		25	0	14.86	15.06	14.74	16.00	
	16QAM	1	0	14.89	14.90	14.89	16.00	
		1	13	14.80	14.89	14.85	16.00	
		1	24	14.83	14.98	14.83	16.00	
		12	0	14.81	14.99	14.79	16.00	
		12	6	14.87	14.91	14.83	16.00	
		12	13	14.82	14.90	14.80	16.00	
		25	0	14.94	14.91	14.74	16.00	
	64QAM	1	0	14.97	14.95	14.86	16.00	
		1	13	14.88	15.02	14.88	16.00	
		1	24	14.89	14.96	14.91	16.00	
		12	0	14.89	14.92	14.73	16.00	
		12	6	14.81	14.89	14.82	16.00	
		12	13	14.86	15.01	14.87	16.00	
		25	0	14.88	14.93	14.83	16.00	
	256QAM	1	0	14.95	14.96	14.75	16.00	
		1	13	14.89	14.88	14.73	16.00	
		1	24	14.85	14.84	14.79	16.00	
		12	0	14.85	14.95	14.79	16.00	
		12	6	14.96	15.01	14.85	16.00	
		12	13	14.89	14.95	14.82	16.00	
		25	0	14.88	14.96	14.92	16.00	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up

				20800	21100	21400	
<b>10MHz</b>	QPSK	1	0	15.12	15.07	15.05	16.00
		1	25	14.87	14.85	14.74	16.00
		1	49	14.81	14.94	14.85	16.00
		25	0	15.05	15.05	15.01	16.00
		25	13	14.88	14.92	14.76	16.00
		25	25	14.84	14.91	14.84	16.00
		50	0	14.84	14.98	14.74	16.00
	16QAM	1	0	14.86	14.89	14.91	16.00
		1	25	14.91	14.97	14.87	16.00
		1	49	14.85	14.90	14.87	16.00
		25	0	14.82	14.99	14.77	16.00
		25	13	14.79	14.89	14.85	16.00
		25	25	14.90	14.88	14.86	16.00
		50	0	14.97	14.88	14.81	16.00
	64QAM	1	0	14.99	14.91	14.82	16.00
		1	25	14.90	14.92	14.82	16.00
		1	49	14.93	14.93	14.93	16.00
		25	0	14.84	14.96	14.71	16.00
		25	13	14.83	15.01	14.77	16.00
		25	25	14.87	14.90	14.74	16.00
		50	0	14.90	15.02	14.89	16.00
	256QAM	1	0	14.90	14.92	14.73	16.00
		1	25	14.94	14.94	14.80	16.00
		1	49	14.92	14.84	14.83	16.00
		25	0	14.88	14.92	14.78	16.00
		25	13	14.82	14.97	14.88	16.00
		25	25	14.92	14.85	14.76	16.00
		50	0	15.00	14.90	14.89	16.00
<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>
				20825	21100	21375	
<b>15MHz</b>	QPSK	1	0	15.00	15.05	15.09	16.00
		1	38	14.92	14.86	14.80	16.00
		1	74	14.81	14.87	14.93	16.00
		36	0	15.10	15.00	14.99	16.00
		36	18	14.95	14.98	14.80	16.00
		36	39	14.91	14.94	14.92	16.00
		75	0	14.80	15.02	14.78	16.00
	16QAM	1	0	14.91	14.88	14.82	16.00
		1	38	14.92	15.01	14.94	16.00

		1	74	14.95	14.87	14.74	16.00	
		36	0	14.84	15.00	14.89	16.00	
		36	18	14.82	14.95	14.77	16.00	
		36	39	14.82	14.89	14.90	16.00	
		75	0	14.88	14.88	14.74	16.00	
	64QAM	1	0	14.87	14.92	14.88	16.00	
		1	38	14.85	14.97	14.88	16.00	
		1	74	14.83	14.90	14.85	16.00	
		36	0	14.87	14.98	14.81	16.00	
		36	18	14.79	14.90	14.81	16.00	
		36	39	14.83	14.87	14.78	16.00	
	256QAM	75	0	14.85	14.91	14.82	16.00	
		1	0	14.98	14.86	14.73	16.00	
		1	38	14.93	14.91	14.83	16.00	
		1	74	14.81	14.89	14.78	16.00	
		36	0	14.88	14.92	14.85	16.00	
		36	18	14.91	14.90	14.78	16.00	
		36	39	14.88	14.88	14.84	16.00	
75		0	14.92	14.93	14.88	16.00		
<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>
					20850	21100	21350	
<b>20MHz</b>		QPSK	1	0	15.05	15.17	15.09	16.00
			1	50	14.92	14.86	14.78	16.00
	1		99	14.89	14.94	14.93	16.00	
	50		0	14.96	15.05	15.02	16.00	
	50		25	14.87	14.87	14.87	16.00	
	50		50	14.87	14.94	14.88	16.00	
	16QAM	100	0	14.88	15.06	14.74	16.00	
		1	0	14.90	14.97	14.88	16.00	
		1	50	14.85	14.92	14.93	16.00	
		1	99	14.96	14.94	14.86	16.00	
		50	0	14.86	15.00	14.77	16.00	
		50	25	14.84	14.95	14.80	16.00	
	64QAM	50	50	14.92	14.96	14.90	16.00	
		100	0	14.99	14.97	14.75	16.00	
		1	0	14.86	15.02	14.85	16.00	
		1	50	14.91	14.91	14.88	16.00	
		1	99	14.85	14.92	14.87	16.00	
		50	0	14.83	14.91	14.77	16.00	
			50	25	14.80	15.01	14.90	16.00

		50	50	14.86	14.99	14.84	16.00
		100	0	14.85	14.98	14.86	16.00
	256QAM	1	0	14.86	14.91	14.87	16.00
		1	50	14.93	14.90	14.78	16.00
		1	99	14.93	14.87	14.86	16.00
		50	0	14.88	14.87	14.92	16.00
		50	25	14.88	14.95	14.84	16.00
		50	50	14.85	14.92	14.82	16.00
		100	0	15.01	14.96	14.86	16.00

LTE Band 7 DS13 For ENDC				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20775	21100	21425	
5MHz	QPSK	1	0	16.99	17.17	16.93	18.00
		1	13	17.00	17.05	16.97	18.00
		1	24	17.01	17.09	16.93	18.00
		12	0	16.97	17.04	16.99	18.00
		12	6	16.99	17.01	16.94	18.00
		12	13	17.07	17.00	16.99	18.00
		25	0	16.99	16.95	16.97	18.00
	16QAM	1	0	17.10	17.07	16.93	18.00
		1	13	17.05	17.05	16.97	18.00
		1	24	16.93	16.96	16.93	18.00
		12	0	17.01	17.09	17.01	18.00
		12	6	16.98	17.07	16.90	18.00
		12	13	16.96	17.03	16.93	18.00
		25	0	16.98	17.10	16.91	18.00
	64QAM	1	0	17.00	17.07	16.96	18.00
		1	13	17.02	17.07	16.98	18.00
		1	24	17.06	16.94	17.03	18.00
		12	0	17.02	17.04	16.90	18.00
		12	6	16.98	16.98	17.00	18.00
		12	13	16.98	17.09	16.87	18.00
		25	0	16.96	16.97	16.91	18.00
	256QAM	1	0	17.08	17.04	16.92	18.00
		1	13	17.03	17.02	16.96	18.00
		1	24	16.96	17.04	16.97	18.00
		12	0	17.00	17.03	16.84	18.00
		12	6	17.07	17.06	16.94	18.00

Bandwidth	Modulation	12	13	17.03	17.08	16.87	18.00	
		25	0	17.03	17.02	17.02	18.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				20800	21100	21400		
10MHz	QPSK	1	0	17.01	17.12	17.02	18.00	
		1	25	16.97	17.03	16.90	18.00	
		1	49	16.91	17.02	16.87	18.00	
		25	0	16.94	17.01	17.04	18.00	
		25	13	16.96	16.97	16.97	18.00	
		25	25	16.96	16.96	17.04	18.00	
		50	0	17.07	16.96	16.97	18.00	
	16QAM	1	0	17.04	17.02	17.01	18.00	
		1	25	17.07	17.08	16.97	18.00	
		1	49	17.02	17.01	16.92	18.00	
		25	0	16.92	17.07	16.96	18.00	
		25	13	16.99	17.04	16.98	18.00	
		25	25	16.99	17.04	16.94	18.00	
		50	0	16.96	17.09	16.91	18.00	
	64QAM	1	0	16.98	16.95	16.86	18.00	
		1	25	17.00	17.10	16.91	18.00	
		1	49	17.00	17.02	16.99	18.00	
		25	0	17.04	17.04	16.84	18.00	
		25	13	16.99	17.06	16.99	18.00	
		25	25	17.07	17.12	16.88	18.00	
		50	0	17.08	16.93	16.92	18.00	
	256QAM	1	0	17.01	17.13	16.90	18.00	
		1	25	16.90	16.98	16.92	18.00	
		1	49	17.05	17.06	16.94	18.00	
		25	0	16.94	17.06	16.91	18.00	
		25	13	17.01	17.03	16.95	18.00	
		25	25	16.98	17.08	16.96	18.00	
		50	0	17.08	16.95	16.92	18.00	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					20825	21100	21375	
15MHz	QPSK	1	0	16.98	17.10	16.96	18.00	
		1	38	16.96	17.07	16.89	18.00	
		1	74	16.93	17.03	16.92	18.00	
		36	0	16.93	17.07	17.05	18.00	
		36	18	16.97	16.96	17.00	18.00	
		36	39	16.99	17.04	17.02	18.00	

	16QAM	75	0	17.02	17.05	16.96	18.00	
		1	0	17.06	17.08	16.90	18.00	
		1	38	17.06	16.99	16.92	18.00	
		1	74	16.96	16.99	16.93	18.00	
		36	0	16.93	16.98	17.00	18.00	
		36	18	16.93	17.00	17.00	18.00	
		36	39	16.96	17.04	16.94	18.00	
	75	0	17.02	17.09	16.85	18.00		
	64QAM	1	0	16.97	17.01	16.91	18.00	
		1	38	16.91	17.05	16.95	18.00	
		1	74	17.03	16.94	17.03	18.00	
		36	0	16.94	17.08	16.86	18.00	
		36	18	17.01	17.05	16.96	18.00	
		36	39	16.96	17.04	16.88	18.00	
		75	0	16.96	16.97	16.89	18.00	
	256QAM	1	0	17.07	17.04	16.94	18.00	
		1	38	16.94	16.97	16.98	18.00	
		1	74	16.98	17.01	16.93	18.00	
		36	0	17.05	17.02	16.96	18.00	
		36	18	17.06	17.09	16.88	18.00	
		36	39	16.98	17.05	16.98	18.00	
		75	0	17.07	16.96	16.98	18.00	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					20850	21100	21350	
	20MHz	QPSK	1	0	17.09	17.21	16.94	18.00
			1	50	16.95	17.04	16.97	18.00
			1	99	16.99	17.04	16.98	18.00
			50	0	16.98	16.99	17.07	18.00
50			25	16.97	16.96	16.96	18.00	
50			50	17.02	17.00	17.02	18.00	
100			0	17.06	17.03	16.92	18.00	
16QAM		1	0	17.01	17.07	16.92	18.00	
		1	50	17.02	16.97	17.03	18.00	
		1	99	16.91	17.07	16.98	18.00	
		50	0	16.99	16.99	17.02	18.00	
		50	25	17.02	17.05	16.92	18.00	
		50	50	16.96	17.08	16.90	18.00	
		100	0	16.96	17.02	16.85	18.00	
64QAM		1	0	17.06	17.00	16.88	18.00	
		1	50	16.93	17.10	16.91	18.00	

		1	99	16.97	16.98	17.00	18.00
		50	0	16.99	17.03	16.90	18.00
		50	25	16.96	16.99	16.93	18.00
		50	50	17.03	17.01	16.92	18.00
		100	0	17.01	16.96	16.96	18.00
	256QAM	1	0	16.95	16.99	16.99	18.00
		1	50	17.00	16.98	16.92	18.00
		1	99	17.04	17.10	16.89	18.00
		50	0	16.97	17.03	16.92	18.00
		50	25	17.10	17.00	16.93	18.00
		50	50	17.06	17.01	16.87	18.00
		100	0	17.03	17.06	16.95	18.00

LTE Band 38 Full Power				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37775	38000	38225	
5MHz	QPSK	1	0	25.08	25.11	25.12	25.50
		1	13	25.09	25.02	25.11	25.50
		1	24	25.05	25.08	25.08	25.50
		12	0	23.97	23.97	24.01	24.50
		12	6	23.97	24.00	24.00	24.50
		12	13	24.08	24.01	24.01	24.50
		25	0	24.08	24.09	24.03	24.50
	16QAM	1	0	24.04	24.02	24.00	24.50
		1	13	24.03	23.98	23.95	24.50
		1	24	24.05	23.95	23.98	24.50
		12	0	23.16	23.16	23.07	23.50
		12	6	23.19	23.19	23.26	23.50
		12	13	23.15	23.04	23.05	23.50
		25	0	23.10	23.11	23.10	23.50
	64QAM	1	0	23.01	22.97	22.93	23.50
		1	13	22.76	22.84	22.80	23.50
		1	24	22.98	22.95	22.89	23.50
		12	0	22.24	22.21	22.17	22.50
		12	6	22.08	22.13	22.04	22.50
		12	13	22.14	22.09	22.07	22.50
		25	0	22.08	22.13	22.04	22.50
	256QAM	1	0	19.89	19.98	19.94	20.50
		1	13	19.99	19.89	19.94	20.50

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				37800	38000	38200		
10MHz	QPSK	1	24	20.14	20.10	20.11	20.50	
		12	0	19.90	19.85	19.93	20.50	
		12	6	19.70	19.71	19.70	20.50	
		12	13	19.76	19.72	19.74	20.50	
		25	0	19.89	19.85	19.89	20.50	
	16QAM	16QAM	1	0	25.08	25.10	25.14	25.50
			1	25	25.06	24.98	25.08	25.50
			1	49	25.05	25.06	25.15	25.50
			25	0	23.97	24.01	24.01	24.50
			25	13	24.01	24.03	24.00	24.50
			25	25	24.04	23.98	24.02	24.50
			50	0	24.12	24.04	24.01	24.50
	64QAM	64QAM	1	0	24.08	23.99	23.99	24.50
			1	25	24.07	23.99	23.98	24.50
			1	49	24.03	23.94	23.96	24.50
			25	0	23.16	23.10	23.08	23.50
			25	13	23.22	23.19	23.19	23.50
			25	25	23.12	23.07	23.01	23.50
			50	0	23.14	23.08	23.09	23.50
	256QAM	256QAM	1	0	23.01	22.93	22.85	23.50
			1	25	22.81	22.82	22.81	23.50
			1	49	22.96	22.97	22.90	23.50
			25	0	22.23	22.19	22.16	22.50
			25	13	22.05	22.18	22.00	22.50
			25	25	22.07	22.10	22.04	22.50
50			0	22.06	22.11	22.02	22.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				37825	38000	38175		
15MHz	QPSK	1	0	25.06	25.08	25.07	25.50	
		1	38	25.07	24.95	25.13	25.50	
		1	74	25.03	25.10	25.07	25.50	



		36	0	24.03	23.97	24.05	24.50	
		36	18	23.97	24.00	24.01	24.50	
		36	39	24.05	24.03	23.99	24.50	
		75	0	24.05	24.08	24.00	24.50	
	16QAM	1	0	24.07	23.95	24.02	24.50	
		1	38	24.04	24.02	24.01	24.50	
		1	74	24.12	24.02	24.01	24.50	
		36	0	23.17	23.11	23.15	23.50	
		36	18	23.16	23.20	23.20	23.50	
		36	39	23.13	23.05	23.06	23.50	
		75	0	23.09	23.08	23.05	23.50	
	64QAM	1	0	22.97	22.94	22.93	23.50	
		1	38	22.76	22.84	22.86	23.50	
		1	74	22.99	22.99	22.88	23.50	
		36	0	22.27	22.23	22.17	22.50	
		36	18	22.07	22.17	22.02	22.50	
		36	39	22.12	22.04	22.13	22.50	
		75	0	22.12	22.07	22.01	22.50	
	256QAM	1	0	19.93	19.99	19.94	20.50	
		1	38	19.98	19.92	19.90	20.50	
		1	74	20.15	20.11	20.10	20.50	
		36	0	19.97	19.88	19.94	20.50	
		36	18	19.65	19.73	19.70	20.50	
		36	39	19.72	19.70	19.73	20.50	
		75	0	19.89	19.88	19.87	20.50	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					37850	38000	38150	
	20MHz	QPSK	1	0	25.11	25.18	25.13	25.50
1			50	25.09	25.02	25.07	25.50	
1			99	25.10	25.08	25.08	25.50	
50			0	23.97	24.02	24.04	24.50	
50			25	24.01	24.06	24.01	24.50	
50			50	24.07	24.02	23.97	24.50	
100			0	24.11	24.01	24.01	24.50	
16QAM		1	0	24.03	24.03	23.97	24.50	
		1	50	24.05	23.98	23.99	24.50	
		1	99	24.03	24.00	23.95	24.50	
		50	0	23.14	23.14	23.12	23.50	
		50	25	23.18	23.14	23.22	23.50	
		50	50	23.10	23.04	23.05	23.50	

	64QAM	100	0	23.12	23.14	23.12	23.50
		1	0	22.93	22.93	22.85	23.50
		1	50	22.74	22.82	22.87	23.50
		1	99	22.94	22.98	22.90	23.50
		50	0	22.24	22.21	22.15	22.50
		50	25	22.11	22.14	22.00	22.50
		50	50	22.13	22.05	22.06	22.50
	256QAM	100	0	22.10	22.13	22.03	22.50
		1	0	19.89	19.93	19.95	20.50
		1	50	20.00	19.89	19.91	20.50
		1	99	20.14	20.10	20.10	20.50
		50	0	19.95	19.90	19.92	20.50
		50	25	19.70	19.71	19.69	20.50
		50	50	19.78	19.69	19.76	20.50
		100	0	19.89	19.87	19.95	20.50

LTE Band 38 DSI1 DSI5				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37775	38000	38225	
5MHz	QPSK	1	0	19.18	19.07	19.16	19.50
		1	13	19.14	19.09	19.05	19.50
		1	24	19.10	19.10	19.00	19.50
		12	0	19.10	19.02	19.05	19.50
		12	6	19.15	19.05	19.04	19.50
		12	13	19.15	19.06	19.04	19.50
		25	0	19.15	19.11	19.07	19.50
	16QAM	1	0	19.14	19.06	19.07	19.50
		1	13	19.14	19.10	19.00	19.50
		1	24	19.17	19.06	19.02	19.50
		12	0	19.12	19.04	19.07	19.50
		12	6	19.17	19.10	19.06	19.50
		12	13	19.17	19.05	19.01	19.50
		25	0	19.10	19.09	19.08	19.50
	64QAM	1	0	19.09	19.02	19.06	19.50
		1	13	19.13	19.05	19.03	19.50
		1	24	19.10	19.08	19.06	19.50
		12	0	19.16	19.02	19.06	19.50
		12	6	19.13	19.07	19.02	19.50
		12	13	19.09	19.10	18.99	19.50

		25	0	19.16	19.06	19.02	19.50
	256QAM	1	0	19.11	19.03	19.02	19.50
		1	13	19.16	19.02	19.00	19.50
		1	24	19.12	19.05	19.05	19.50
		12	0	19.09	19.07	18.99	19.50
		12	6	19.09	19.07	19.02	19.50
		12	13	19.14	19.09	19.04	19.50
		25	0	19.14	19.06	19.07	19.50
<b>Bandwidth</b>		<b>Modulation</b>	<b>RB size</b>	<b>RB offset</b>	<b>Channel</b>	<b>Channel</b>	<b>Channel</b>
				37800	38000	38200	
<b>10MHz</b>	QPSK	1	0	19.14	19.02	19.15	19.50
		1	25	19.15	19.05	19.04	19.50
		1	49	19.16	19.04	19.06	19.50
		25	0	19.14	19.08	19.05	19.50
		25	13	19.17	19.05	19.04	19.50
		25	25	19.16	19.05	19.03	19.50
		50	0	19.15	19.03	19.04	19.50
		50	0	19.15	19.03	19.04	19.50
	16QAM	1	0	19.15	19.07	19.05	19.50
		1	25	19.11	19.04	19.06	19.50
		1	49	19.16	19.07	19.04	19.50
		25	0	19.13	19.07	19.02	19.50
		25	13	19.14	19.06	19.00	19.50
		25	25	19.15	19.06	19.06	19.50
		50	0	19.13	19.05	19.05	19.50
		50	0	19.13	19.05	19.05	19.50
	64QAM	1	0	19.15	19.11	19.01	19.50
		1	25	19.11	19.06	19.00	19.50
		1	49	19.12	19.02	19.02	19.50
		25	0	19.13	19.02	19.01	19.50
		25	13	19.18	19.05	19.06	19.50
		25	25	19.16	19.11	19.04	19.50
		50	0	19.17	19.08	19.03	19.50
		50	0	19.17	19.08	19.03	19.50
	256QAM	1	0	19.12	19.09	19.07	19.50
		1	25	19.18	19.05	19.08	19.50
		1	49	19.16	19.03	19.06	19.50
		25	0	19.16	19.06	19.01	19.50
		25	13	19.17	19.08	19.04	19.50
		25	25	19.10	19.02	19.05	19.50
		50	0	19.18	19.07	19.02	19.50
		50	0	19.18	19.07	19.02	19.50
<b>Bandwidth</b>	<b>Modulation</b>	<b>RB size</b>	<b>RB offset</b>	<b>Channel</b>	<b>Channel</b>	<b>Channel</b>	<b>Tune up</b>
				37825	38000	38175	

15MHz	QPSK	1	0	19.15	19.06	19.12	19.50
		1	38	19.13	19.08	19.05	19.50
		1	74	19.17	19.04	19.00	19.50
		36	0	19.17	19.06	19.01	19.50
		36	18	19.16	19.05	19.01	19.50
		36	39	19.15	19.04	19.03	19.50
		75	0	19.15	19.09	19.02	19.50
	16QAM	1	0	19.11	19.06	19.04	19.50
		1	38	19.13	19.08	19.02	19.50
		1	74	19.17	19.07	19.04	19.50
		36	0	19.16	19.08	19.05	19.50
		36	18	19.14	19.10	19.04	19.50
		36	39	19.13	19.02	19.02	19.50
		75	0	19.12	19.08	19.04	19.50
	64QAM	1	0	19.11	19.07	19.03	19.50
		1	38	19.13	19.07	19.06	19.50
		1	74	19.12	19.04	19.01	19.50
		36	0	19.10	19.04	19.02	19.50
		36	18	19.15	19.09	19.02	19.50
		36	39	19.13	19.11	19.04	19.50
		75	0	19.15	19.09	19.05	19.50
256QAM	1	0	19.11	19.02	19.04	19.50	
	1	38	19.13	19.04	19.06	19.50	
	1	74	19.10	19.11	19.00	19.50	
	36	0	19.14	19.06	19.07	19.50	
	36	18	19.09	19.07	19.04	19.50	
	36	39	19.12	19.11	19.07	19.50	
	75	0	19.11	19.07	19.07	19.50	
<b>Bandwidth</b>	<b>Modulation</b>	<b>RB size</b>	<b>RB offset</b>	<b>Channel</b>	<b>Channel</b>	<b>Channel</b>	<b>Tune up</b>
				37850	38000	38150	
20MHz	QPSK	1	0	19.14	19.23	19.15	19.50
		1	50	19.09	19.10	19.01	19.50
		1	99	19.12	19.06	19.05	19.50
		50	0	19.12	19.17	19.07	19.50
		50	25	19.10	19.04	19.04	19.50
		50	50	19.09	19.10	19.01	19.50
		100	0	19.09	19.14	19.07	19.50
	16QAM	1	0	19.15	19.11	19.01	19.50
		1	50	19.15	19.11	19.01	19.50
		1	99	19.11	19.09	19.00	19.50

		50	0	19.13	19.07	19.04	19.50
		50	25	19.13	19.06	19.01	19.50
		50	50	19.17	19.08	19.02	19.50
		100	0	19.13	19.03	19.00	19.50
	64QAM	1	0	19.14	19.10	19.04	19.50
		1	50	19.15	19.04	19.04	19.50
		1	99	19.10	19.11	19.07	19.50
		50	0	19.16	19.11	19.01	19.50
		50	25	19.18	19.02	19.01	19.50
		50	50	19.18	19.02	19.04	19.50
		100	0	19.13	19.09	18.99	19.50
	256QAM	1	0	19.15	19.08	19.00	19.50
		1	50	19.09	19.04	19.05	19.50
		1	99	19.16	19.05	19.06	19.50
		50	0	19.11	19.07	19.04	19.50
		50	25	19.14	19.11	19.03	19.50
		50	50	19.15	19.10	19.00	19.50
		100	0	19.13	19.04	19.05	19.50

LTE Band 38 DSI3				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37775	38000	38225	
5MHz	QPSK	1	0	21.08	21.16	21.03	21.50
		1	13	21.06	20.96	20.92	21.50
		1	24	21.08	20.94	20.97	21.50
		12	0	21.00	20.97	20.93	21.50
		12	6	21.07	20.99	20.92	21.50
		12	13	21.07	20.98	20.92	21.50
		25	0	21.07	20.98	20.98	21.50
	16QAM	1	0	21.00	20.94	20.89	21.50
		1	13	21.01	20.94	20.94	21.50
		1	24	21.08	20.97	20.96	21.50
		12	0	21.06	21.00	20.93	21.50
		12	6	21.06	20.92	20.93	21.50
		12	13	21.07	20.94	20.91	21.50
		25	0	21.02	20.94	20.93	21.50
	64QAM	1	0	21.01	20.96	20.97	21.50
		1	13	21.07	20.94	20.90	21.50

		1	24	20.99	20.99	20.98	21.50
		12	0	21.08	20.94	20.93	21.50
		12	6	21.01	20.98	20.98	21.50
		12	13	21.04	20.96	20.91	21.50
		25	0	21.06	20.96	20.91	21.50
	256QAM	1	0	19.89	19.96	19.98	20.50
		1	13	19.97	19.93	19.88	20.50
		1	24	20.15	20.13	20.11	20.50
		12	0	19.93	19.91	19.92	20.50
		12	6	19.73	19.74	19.69	20.50
		12	13	19.75	19.74	19.73	20.50
	25	0	19.90	19.87	19.95	20.50	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
37800					38000	38200	
10MHz	QPSK	1	0	21.10	21.14	21.03	21.50
		1	25	21.06	21.01	20.96	21.50
		1	49	21.04	20.97	20.97	21.50
		25	0	21.04	20.96	20.95	21.50
		25	13	21.00	21.01	20.98	21.50
		25	25	21.03	20.93	20.90	21.50
		50	0	21.06	20.95	20.96	21.50
	16QAM	1	0	21.05	20.99	20.90	21.50
		1	25	21.01	21.00	20.97	21.50
		1	49	21.01	20.95	20.97	21.50
		25	0	21.07	20.98	20.93	21.50
		25	13	21.05	20.95	20.94	21.50
		25	25	21.05	20.93	20.91	21.50
		50	0	21.05	21.00	20.93	21.50
	64QAM	1	0	21.05	20.93	20.92	21.50
		1	25	20.99	20.92	20.94	21.50
		1	49	21.00	20.99	20.96	21.50
		25	0	21.05	20.98	20.93	21.50
		25	13	21.00	20.94	20.89	21.50
		25	25	21.06	20.95	20.93	21.50
		50	0	21.03	20.96	20.95	21.50
	256QAM	1	0	19.87	19.90	19.99	20.50
		1	25	19.96	19.90	19.92	20.50
		1	49	20.19	20.09	20.08	20.50
		25	0	19.92	19.89	19.94	20.50
		25	13	19.69	19.69	19.70	20.50

Bandwidth	Modulation	25	25	19.75	19.69	19.78	20.50	
		50	0	19.94	19.89	19.98	20.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				37825	38000	38175		
15MHz	QPSK	1	0	21.11	21.12	21.03	21.50	
		1	38	21.05	20.99	20.89	21.50	
		1	74	21.06	20.92	20.95	21.50	
		36	0	21.07	20.97	20.96	21.50	
		36	18	21.03	20.93	20.93	21.50	
		36	39	21.06	20.95	20.95	21.50	
		75	0	21.08	20.93	20.91	21.50	
	16QAM	1	0	21.06	20.97	20.94	21.50	
		1	38	21.02	20.96	20.98	21.50	
		1	74	21.06	21.01	20.96	21.50	
		36	0	20.99	20.94	20.94	21.50	
		36	18	21.04	20.97	20.91	21.50	
		36	39	20.99	21.00	20.91	21.50	
		75	0	21.05	20.92	20.97	21.50	
	64QAM	1	0	21.03	20.96	20.92	21.50	
		1	38	21.08	20.96	20.89	21.50	
		1	74	21.05	20.98	20.92	21.50	
		36	0	21.03	21.00	20.92	21.50	
		36	18	21.05	20.98	20.91	21.50	
		36	39	21.07	20.99	20.97	21.50	
		75	0	21.01	20.96	20.92	21.50	
	256QAM	1	0	19.85	19.90	19.92	20.50	
		1	38	20.01	19.91	19.93	20.50	
		1	74	20.16	20.13	20.15	20.50	
		36	0	19.95	19.91	19.91	20.50	
		36	18	19.68	19.69	19.71	20.50	
		36	39	19.82	19.65	19.72	20.50	
		75	0	19.87	19.90	19.97	20.50	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
	20MHz	QPSK			37850	38000	38150	
1			0	21.09	21.19	21.06	21.50	
1			50	21.05	20.97	20.90	21.50	
1			99	21.05	20.95	20.96	21.50	
50			0	21.12	21.17	20.99	21.50	
50			25	21.05	20.93	20.97	21.50	
50			50	21.07	20.95	20.92	21.50	

	16QAM	100	0	21.03	21.06	20.92	21.50
		1	0	21.02	20.99	20.97	21.50
		1	50	21.04	20.94	20.94	21.50
		1	99	21.03	20.96	20.89	21.50
		50	0	21.08	20.93	20.91	21.50
		50	25	21.06	20.99	20.90	21.50
		50	50	21.00	20.94	20.97	21.50
		100	0	21.04	20.98	20.94	21.50
	64QAM	1	0	21.02	20.94	20.98	21.50
		1	50	21.01	20.94	20.94	21.50
		1	99	21.04	20.93	20.89	21.50
		50	0	21.08	20.93	20.94	21.50
		50	25	21.03	20.97	20.94	21.50
		50	50	20.99	20.93	20.96	21.50
		100	0	21.01	20.96	20.92	21.50
		256QAM	1	0	19.92	19.98	19.95
	1		50	20.01	19.92	19.89	20.50
	1		99	20.13	20.07	20.13	20.50
	50		0	19.95	19.88	19.94	20.50
	50		25	19.70	19.67	19.73	20.50
	50		50	19.75	19.69	19.81	20.50
	100		0	19.93	19.90	19.94	20.50

LTE Band 41(2496~2690) Full Power				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	25.45	25.30	25.46	25.30	25.47	25.70
		1	13	25.38	25.28	25.34	25.31	25.48	25.70
		1	24	25.38	25.30	25.40	25.36	25.48	25.70
		12	0	24.39	24.27	24.36	24.24	24.39	24.70
		12	6	24.39	24.36	24.39	24.32	24.38	24.70
		12	13	24.40	24.24	24.33	24.31	24.29	24.70
		25	0	24.48	24.30	24.42	24.31	24.38	24.70
	16QAM	1	0	24.40	24.32	24.36	24.30	24.34	24.70
		1	13	24.41	24.21	24.31	24.26	24.31	24.70
		1	24	24.47	24.28	24.35	24.26	24.34	24.70
		12	0	23.56	23.38	23.52	23.38	23.45	23.70
		12	6	23.55	23.39	23.49	23.41	23.61	23.70
		12	13	23.45	23.30	23.40	23.32	23.38	23.70



	64QAM	25	0	23.48	23.29	23.48	23.35	23.39	23.70
		1	0	23.28	23.26	23.33	23.29	23.26	23.70
		1	13	23.08	22.98	23.16	23.05	23.17	23.70
		1	24	23.31	23.19	23.26	23.18	23.28	23.70
		12	0	22.61	22.48	22.51	22.42	22.53	22.70
		12	6	22.42	22.38	22.44	22.37	22.34	22.70
		12	13	22.41	22.34	22.44	22.27	22.47	22.70
		25	0	22.48	22.34	22.46	22.41	22.34	22.70
	256QAM	1	0	20.24	20.16	20.26	20.17	20.30	20.70
		1	13	20.37	20.15	20.26	20.10	20.23	20.70
		1	24	20.52	20.33	20.40	20.32	20.51	20.70
		12	0	20.28	20.10	20.26	20.12	20.23	20.70
		12	6	20.02	19.93	20.05	19.96	20.00	20.70
		12	13	20.15	19.96	20.02	19.92	20.09	20.70
25		0	20.24	20.11	20.23	20.12	20.29	20.70	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39700	40160	40620	41080	41540	
10MHz	QPSK	1	0	25.45	25.34	25.37	25.31	25.43	25.70
		1	25	25.43	25.24	25.39	25.31	25.40	25.70
		1	49	25.39	25.33	25.43	25.32	25.43	25.70
		25	0	24.39	24.27	24.36	24.29	24.36	24.70
		25	13	24.36	24.28	24.39	24.29	24.32	24.70
		25	25	24.41	24.27	24.33	24.32	24.36	24.70
		50	0	24.43	24.29	24.40	24.28	24.41	24.70
	16QAM	1	0	24.43	24.26	24.30	24.25	24.35	24.70
		1	25	24.46	24.20	24.32	24.20	24.31	24.70
		1	49	24.46	24.31	24.37	24.31	24.35	24.70
		25	0	23.54	23.32	23.45	23.33	23.49	23.70
		25	13	23.51	23.41	23.55	23.41	23.55	23.70
		25	25	23.46	23.35	23.40	23.28	23.37	23.70
		50	0	23.51	23.36	23.42	23.36	23.45	23.70
	64QAM	1	0	23.35	23.20	23.29	23.23	23.23	23.70
		1	25	23.11	23.06	23.18	23.02	23.16	23.70
		1	49	23.34	23.20	23.26	23.18	23.23	23.70
		25	0	22.60	22.47	22.57	22.43	22.52	22.70
		25	13	22.46	22.39	22.48	22.42	22.38	22.70
		25	25	22.49	22.27	22.43	22.34	22.46	22.70
		50	0	22.43	22.37	22.47	22.41	22.39	22.70
	256QAM	1	0	20.31	20.15	20.34	20.21	20.33	20.70
		1	25	20.37	20.13	20.24	20.18	20.22	20.70

		1	49	20.50	20.34	20.43	20.38	20.53	20.70
		25	0	20.24	20.09	20.28	20.08	20.23	20.70
		25	13	20.00	19.94	20.01	19.92	20.02	20.70
		25	25	20.08	19.92	20.02	19.97	20.09	20.70
		50	0	20.28	20.17	20.24	20.15	20.24	20.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39725	40173	40620	41068	41515	
15MHz	QPSK	1	0	25.42	25.28	25.44	25.28	25.44	25.70
		1	38	25.44	25.28	25.31	25.31	25.45	25.70
		1	74	25.44	25.33	25.40	25.34	25.44	25.70
		36	0	24.30	24.23	24.36	24.28	24.39	24.70
		36	18	24.35	24.36	24.40	24.29	24.38	24.70
		36	39	24.39	24.26	24.30	24.31	24.30	24.70
		75	0	24.44	24.30	24.37	24.35	24.43	24.70
	16QAM	1	0	24.41	24.25	24.32	24.31	24.29	24.70
		1	38	24.43	24.25	24.34	24.25	24.30	24.70
		1	74	24.44	24.31	24.36	24.31	24.30	24.70
		36	0	23.51	23.36	23.44	23.33	23.45	23.70
		36	18	23.52	23.42	23.56	23.36	23.59	23.70
		36	39	23.42	23.32	23.37	23.35	23.34	23.70
		75	0	23.50	23.35	23.41	23.33	23.42	23.70
	64QAM	1	0	23.33	23.26	23.32	23.29	23.20	23.70
		1	38	23.14	23.01	23.17	23.05	23.17	23.70
		1	74	23.29	23.12	23.30	23.16	23.26	23.70
		36	0	22.59	22.46	22.55	22.48	22.55	22.70
		36	18	22.47	22.41	22.51	22.35	22.35	22.70
		36	39	22.47	22.26	22.43	22.29	22.45	22.70
		75	0	22.45	22.32	22.49	22.33	22.37	22.70
	256QAM	1	0	20.31	20.16	20.27	20.23	20.29	20.70
		1	38	20.36	20.18	20.27	20.15	20.27	20.70
		1	74	20.51	20.33	20.40	20.35	20.46	20.70
		36	0	20.23	20.09	20.23	20.14	20.21	20.70
		36	18	20.01	19.98	20.06	19.96	19.99	20.70
		36	39	20.15	19.99	20.01	19.97	20.14	20.70
		75	0	20.26	20.11	20.21	20.12	20.23	20.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39750	40185	40620	41055	41490	
20MHz	QPSK	1	0	25.44	25.49	25.58	25.48	25.52	25.70
		1	50	25.41	25.27	25.34	25.31	25.45	25.70
		1	99	25.39	25.35	25.45	25.35	25.48	25.70

		50	0	24.47	24.26	24.50	24.28	24.38	24.70
		50	25	24.37	24.32	24.34	24.34	24.31	24.70
		50	50	24.46	24.29	24.33	24.29	24.37	24.70
		100	0	24.44	24.33	24.52	24.35	24.37	24.70
	16QAM	1	0	24.39	24.30	24.34	24.32	24.35	24.70
		1	50	24.41	24.25	24.37	24.25	24.29	24.70
		1	99	24.40	24.27	24.34	24.26	24.31	24.70
		50	0	23.55	23.34	23.51	23.37	23.42	23.70
		50	25	23.52	23.38	23.56	23.43	23.60	23.70
		50	50	23.48	23.31	23.34	23.28	23.38	23.70
		100	0	23.49	23.34	23.49	23.35	23.43	23.70
	64QAM	1	0	23.33	23.27	23.30	23.26	23.21	23.70
		1	50	23.16	23.00	23.17	23.07	23.18	23.70
		1	99	23.33	23.18	23.29	23.21	23.20	23.70
		50	0	22.61	22.44	22.56	22.43	22.51	22.70
		50	25	22.42	22.43	22.45	22.38	22.43	22.70
		50	50	22.46	22.28	22.41	22.32	22.45	22.70
		100	0	22.40	22.37	22.42	22.38	22.40	22.70
	256QAM	1	0	20.31	20.16	20.32	20.17	20.37	20.70
		1	50	20.33	20.09	20.25	20.13	20.25	20.70
		1	99	20.45	20.37	20.42	20.32	20.44	20.70
		50	0	20.23	20.09	20.27	20.08	20.28	20.70
		50	25	19.99	19.96	20.03	19.97	20.02	20.70
		50	50	20.07	19.92	20.00	19.98	20.14	20.70
100		0	20.25	20.09	20.24	20.11	20.30	20.70	

LTE Band 41(2496~2690) DSI1 DSI5				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	19.40	19.29	19.36	19.28	19.35	19.70
		1	13	19.30	19.22	19.31	19.26	19.27	19.70
		1	24	19.35	19.30	19.30	19.30	19.22	19.70
		12	0	19.37	19.27	19.33	19.26	19.27	19.70
		12	6	19.34	19.26	19.34	19.25	19.22	19.70
		12	13	19.33	19.22	19.35	19.28	19.25	19.70
		25	0	19.33	19.29	19.31	19.24	19.25	19.70
	16QAM	1	0	19.29	19.25	19.34	19.27	19.24	19.70
		1	13	19.34	19.30	19.35	19.24	19.21	19.70

		1	24	19.36	19.27	19.37	19.30	19.20	19.70	
		12	0	19.33	19.23	19.33	19.28	19.23	19.70	
		12	6	19.32	19.28	19.37	19.28	19.27	19.70	
		12	13	19.33	19.26	19.37	19.29	19.27	19.70	
		25	0	19.29	19.30	19.33	19.27	19.25	19.70	
	64QAM	1	0	19.36	19.28	19.35	19.23	19.19	19.70	
		1	13	19.32	19.26	19.32	19.27	19.24	19.70	
		1	24	19.33	19.28	19.30	19.24	19.26	19.70	
		12	0	19.38	19.23	19.31	19.23	19.20	19.70	
		12	6	19.32	19.30	19.35	19.31	19.22	19.70	
		12	13	19.37	19.31	19.36	19.28	19.19	19.70	
	256QAM	25	0	19.31	19.26	19.30	19.29	19.28	19.70	
		1	0	19.29	19.23	19.38	19.31	19.21	19.70	
		1	13	19.31	19.30	19.31	19.30	19.21	19.70	
		1	24	19.36	19.23	19.33	19.24	19.28	19.70	
		12	0	19.36	19.23	19.29	19.27	19.25	19.70	
		12	6	19.35	19.22	19.34	19.27	19.28	19.70	
		12	13	19.35	19.27	19.33	19.30	19.27	19.70	
	25	0	19.32	19.27	19.37	19.25	19.26	19.70		
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
					39700	40160	40620	41080	41540	
10MHz	QPSK	1	0	19.36	19.24	19.40	19.23	19.37	19.70	
		1	25	19.30	19.23	19.36	19.29	19.23	19.70	
		1	49	19.37	19.26	19.35	19.28	19.25	19.70	
		25	0	19.33	19.29	19.35	19.25	19.26	19.70	
		25	13	19.36	19.23	19.31	19.28	19.27	19.70	
		25	25	19.34	19.30	19.33	19.29	19.22	19.70	
		50	0	19.32	19.22	19.31	19.24	19.25	19.70	
	16QAM	1	0	19.37	19.26	19.29	19.29	19.23	19.70	
		1	25	19.36	19.28	19.34	19.26	19.26	19.70	
		1	49	19.31	19.29	19.33	19.24	19.26	19.70	
		25	0	19.37	19.28	19.34	19.31	19.24	19.70	
		25	13	19.38	19.24	19.34	19.26	19.24	19.70	
		25	25	19.36	19.24	19.37	19.26	19.24	19.70	
		50	0	19.36	19.29	19.35	19.30	19.24	19.70	
	64QAM	1	0	19.32	19.29	19.37	19.27	19.23	19.70	
		1	25	19.37	19.29	19.37	19.23	19.25	19.70	
		1	49	19.31	19.29	19.30	19.28	19.26	19.70	
		25	0	19.31	19.28	19.31	19.28	19.27	19.70	
		25	13	19.33	19.31	19.31	19.23	19.26	19.70	



				39750	40185	40620	41055	41490	
<b>20MHz</b>	<b>QPSK</b>	1	0	19.35	19.30	19.44	19.34	19.35	19.70
		1	50	19.34	19.25	19.30	19.25	19.26	19.70
		1	99	19.33	19.23	19.36	19.28	19.20	19.70
		50	0	19.37	19.33	19.41	19.36	19.27	19.70
		50	25	19.33	19.30	19.35	19.27	19.19	19.70
		50	50	19.35	19.26	19.30	19.29	19.25	19.70
		100	0	19.31	19.30	19.39	19.30	19.22	19.70
	<b>16QAM</b>	1	0	19.33	19.29	19.29	19.31	19.27	19.70
		1	50	19.32	19.26	19.33	19.26	19.21	19.70
		1	99	19.35	19.24	19.38	19.27	19.28	19.70
		50	0	19.31	19.26	19.37	19.24	19.21	19.70
		50	25	19.33	19.31	19.37	19.26	19.25	19.70
		50	50	19.32	19.30	19.30	19.23	19.22	19.70
		100	0	19.32	19.25	19.32	19.28	19.25	19.70
	<b>64QAM</b>	1	0	19.31	19.25	19.35	19.29	19.28	19.70
		1	50	19.33	19.28	19.35	19.30	19.19	19.70
		1	99	19.29	19.26	19.36	19.27	19.24	19.70
		50	0	19.35	19.27	19.38	19.23	19.21	19.70
		50	25	19.30	19.23	19.37	19.22	19.28	19.70
		50	50	19.35	19.27	19.36	19.30	19.22	19.70
		100	0	19.34	19.24	19.37	19.28	19.24	19.70
	<b>256QAM</b>	1	0	19.30	19.28	19.31	19.23	19.26	19.70
		1	50	19.33	19.26	19.32	19.24	19.21	19.70
		1	99	19.34	19.31	19.36	19.27	19.24	19.70
		50	0	19.37	19.27	19.33	19.31	19.19	19.70
		50	25	19.36	19.24	19.33	19.29	19.22	19.70
		50	50	19.34	19.30	19.37	19.30	19.27	19.70
		100	0	19.33	19.28	19.34	19.22	19.28	19.70

<b>LTE Band 41(2496~2690) DS13</b>				<b>Conducted Power(dBm)</b>					
<b>Bandwidth</b>	<b>Modulation</b>	<b>RB size</b>	<b>RB offset</b>	Channel	Channel	Channel	Channel	Channel	<b>Tune up</b>
				39675	40148	40620	41093	41565	
<b>5MHz</b>	<b>QPSK</b>	1	0	21.37	21.42	21.36	21.41	21.46	21.70
		1	13	21.28	21.37	21.25	21.34	21.31	21.70
		1	24	21.26	21.37	21.25	21.35	21.40	21.70
		12	0	21.24	21.38	21.29	21.35	21.33	21.70
		12	6	21.21	21.42	21.29	21.36	21.37	21.70

		12	13	21.27	21.39	21.21	21.39	21.32	21.70	
		25	0	21.26	21.42	21.29	21.37	21.31	21.70	
	16QAM	1	0	21.28	21.36	21.22	21.42	21.36	21.70	
		1	13	21.29	21.39	21.21	21.40	21.35	21.70	
		1	24	21.25	21.43	21.27	21.37	21.34	21.70	
		12	0	21.27	21.38	21.28	21.36	21.38	21.70	
		12	6	21.25	21.38	21.25	21.41	21.37	21.70	
		12	13	21.26	21.39	21.25	21.39	21.34	21.70	
		25	0	21.27	21.41	21.25	21.43	21.38	21.70	
		64QAM	1	0	21.27	21.41	21.28	21.38	21.35	21.70
	1		13	21.22	21.39	21.21	21.42	21.36	21.70	
	1		24	21.30	21.38	21.21	21.39	21.33	21.70	
	12		0	21.23	21.38	21.25	21.36	21.34	21.70	
	12		6	21.29	21.37	21.25	21.41	21.34	21.70	
	12		13	21.23	21.42	21.21	21.37	21.34	21.70	
	25		0	21.25	21.37	21.26	21.37	21.36	21.70	
	256QAM	1	0	20.15	20.29	20.16	20.28	20.15	20.70	
		1	13	20.10	20.26	20.06	20.26	20.09	20.70	
		1	24	20.36	20.44	20.39	20.43	20.29	20.70	
		12	0	20.12	20.30	20.08	20.25	20.07	20.70	
		12	6	19.95	20.01	20.01	20.07	19.93	20.70	
		12	13	19.88	20.05	19.90	20.04	19.97	20.70	
			25	0	20.08	20.26	20.09	20.22	20.14	20.70
	<b>Bandwidth</b>	<b>Modulation</b>	<b>RB size</b>	<b>RB offset</b>	<b>Channel</b>	<b>Channel</b>	<b>Channel</b>	<b>Channel</b>	<b>Channel</b>	<b>Tune up</b>
					39700	40160	40620	41080	41540	
<b>10MHz</b>	QPSK	1	0	21.41	21.41	21.40	21.49	21.49	21.70	
		1	25	21.28	21.35	21.27	21.37	21.37	21.70	
		1	49	21.22	21.35	21.25	21.41	21.38	21.70	
		25	0	21.30	21.41	21.22	21.36	21.32	21.70	
		25	13	21.27	21.40	21.26	21.42	21.32	21.70	
		25	25	21.22	21.38	21.25	21.43	21.40	21.70	
		50	0	21.24	21.34	21.28	21.34	21.37	21.70	
	16QAM	1	0	21.21	21.42	21.28	21.42	21.32	21.70	
		1	25	21.28	21.40	21.26	21.38	21.39	21.70	
		1	49	21.24	21.41	21.26	21.36	21.38	21.70	
		25	0	21.22	21.37	21.25	21.42	21.33	21.70	
		25	13	21.27	21.42	21.25	21.35	21.32	21.70	
		25	25	21.28	21.40	21.22	21.41	21.31	21.70	
		50	0	21.26	21.36	21.24	21.38	21.34	21.70	
	64QAM	1	0	21.27	21.39	21.27	21.39	21.31	21.70	

		1	25	21.22	21.40	21.21	21.37	21.35	21.70
		1	49	21.24	21.41	21.29	21.41	21.38	21.70
		25	0	21.27	21.41	21.22	21.43	21.38	21.70
		25	13	21.22	21.35	21.30	21.37	21.38	21.70
		25	25	21.22	21.40	21.21	21.36	21.32	21.70
		50	0	21.25	21.35	21.29	21.35	21.32	21.70
	256QAM	1	0	20.17	20.35	20.19	20.28	20.13	20.70
		1	25	20.10	20.28	20.07	20.27	20.14	20.70
		1	49	20.34	20.42	20.39	20.44	20.28	20.70
		25	0	20.09	20.24	20.08	20.27	20.06	20.70
		25	13	19.99	20.00	19.95	20.03	19.96	20.70
		25	25	19.90	19.96	19.93	19.97	20.00	20.70
		50	0	20.08	20.28	20.08	20.21	20.15	20.70
	<b>Bandwidth</b>	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel
39725					40173	40620	41068	41515	
<b>15MHz</b>	QPSK	1	0	21.40	21.46	21.35	21.47	21.45	21.70
		1	38	21.25	21.41	21.27	21.42	21.34	21.70
		1	74	21.30	21.42	21.24	21.38	21.32	21.70
		36	0	21.25	21.37	21.29	21.38	21.38	21.70
		36	18	21.24	21.38	21.29	21.35	21.36	21.70
		36	39	21.22	21.38	21.26	21.42	21.31	21.70
		75	0	21.23	21.43	21.29	21.40	21.40	21.70
	16QAM	1	0	21.27	21.43	21.24	21.37	21.32	21.70
		1	38	21.23	21.39	21.26	21.36	21.38	21.70
		1	74	21.26	21.35	21.23	21.41	21.36	21.70
		36	0	21.27	21.38	21.25	21.37	21.35	21.70
		36	18	21.29	21.34	21.23	21.41	21.39	21.70
		36	39	21.28	21.41	21.22	21.36	21.36	21.70
		75	0	21.29	21.43	21.23	21.36	21.33	21.70
	64QAM	1	0	21.29	21.36	21.21	21.38	21.35	21.70
		1	38	21.27	21.41	21.21	21.43	21.35	21.70
		1	74	21.26	21.36	21.27	21.40	21.31	21.70
		36	0	21.25	21.40	21.29	21.43	21.36	21.70
		36	18	21.29	21.39	21.23	21.39	21.36	21.70
		36	39	21.25	21.41	21.22	21.40	21.33	21.70
		75	0	21.23	21.40	21.27	21.38	21.36	21.70
	256QAM	1	0	20.19	20.28	20.16	20.37	20.21	20.70
		1	38	20.09	20.28	20.13	20.29	20.14	20.70
		1	74	20.39	20.40	20.40	20.38	20.33	20.70
		36	0	20.12	20.26	20.09	20.25	20.08	20.70



Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up	
				39750	40185	40620	41055	41490		
20MHz		36	18	19.95	20.05	19.92	20.02	19.96	20.70	
		36	39	19.90	19.99	19.97	20.01	19.97	20.70	
		75	0	20.05	20.27	20.11	20.27	20.13	20.70	
	QPSK	1	0	21.38	21.50	21.54	21.44	21.41	21.70	
		1	50	21.25	21.41	21.27	21.37	21.39	21.70	
		1	99	21.22	21.35	21.26	21.39	21.38	21.70	
		50	0	21.34	21.48	21.49	21.42	21.37	21.70	
		50	25	21.22	21.43	21.27	21.39	21.34	21.70	
		50	50	21.30	21.42	21.28	21.35	21.34	21.70	
		100	0	21.22	21.34	21.42	21.35	21.38	21.70	
		16QAM	1	0	21.24	21.37	21.28	21.35	21.36	21.70
			1	50	21.22	21.43	21.25	21.35	21.32	21.70
			1	99	21.24	21.34	21.25	21.41	21.39	21.70
			50	0	21.28	21.40	21.22	21.42	21.35	21.70
			50	25	21.23	21.36	21.27	21.37	21.34	21.70
			50	50	21.22	21.40	21.28	21.42	21.32	21.70
		64QAM	100	0	21.22	21.36	21.28	21.42	21.36	21.70
			1	0	21.25	21.40	21.25	21.38	21.35	21.70
			1	50	21.28	21.41	21.24	21.37	21.33	21.70
			1	99	21.27	21.43	21.29	21.35	21.32	21.70
			50	0	21.29	21.39	21.28	21.41	21.37	21.70
			50	25	21.26	21.40	21.28	21.37	21.32	21.70
			50	50	21.24	21.41	21.26	21.39	21.32	21.70
		256QAM	100	0	21.30	21.42	21.26	21.39	21.38	21.70
	1		0	20.20	20.36	20.20	20.32	20.17	20.70	
	1		50	20.06	20.25	20.10	20.25	20.16	20.70	
	1		99	20.38	20.45	20.39	20.43	20.34	20.70	
	50		0	20.11	20.24	20.13	20.25	20.09	20.70	
	50		25	19.97	20.08	19.95	20.02	19.98	20.70	
	50		50	19.91	19.96	19.93	19.97	20.02	20.70	
100	0	20.11	20.26	20.05	20.28	20.10	20.70			

LTE Band 66 Full Power				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131979	132322	132665	
1.4MHz	QPSK	1	0	25.42	25.50	25.50	25.70
		1	2	25.50	25.37	25.46	25.70

		1	5	25.46	25.45	25.47	25.70	
		3	0	25.44	25.48	25.50	25.70	
		3	1	25.45	25.46	25.52	25.70	
		3	3	25.46	25.51	25.49	25.70	
		6	0	24.50	24.48	24.42	24.70	
	16QAM	1	0	24.47	24.37	24.37	24.70	
		1	2	24.50	24.42	24.39	24.70	
		1	5	24.47	24.37	24.38	24.70	
		3	0	24.48	24.35	24.40	24.70	
		3	1	24.51	24.40	24.36	24.70	
		3	3	24.48	24.35	24.38	24.70	
	64QAM	6	0	23.55	23.51	23.43	23.70	
		1	0	23.41	23.30	23.26	23.70	
		1	2	23.20	23.24	23.24	23.70	
		1	5	23.35	23.39	23.27	23.70	
		3	0	23.36	23.31	23.32	23.70	
		3	1	23.40	23.37	23.25	23.70	
	256QAM	3	3	23.39	23.31	23.30	23.70	
		6	0	22.51	22.52	22.40	22.70	
		1	0	20.33	20.40	20.39	20.70	
		1	2	20.40	20.34	20.35	20.70	
		1	5	20.52	20.52	20.56	20.70	
		3	0	20.31	20.28	20.33	20.70	
	3MHz	QPSK	3	1	20.05	20.06	20.03	20.70
3			3	20.13	20.13	20.12	20.70	
6	0		20.29	20.31	20.31	20.70		
16QAM	1		0	24.47	24.34	24.39	24.70	
	1		7	24.51	24.40	24.36	24.70	
			1	14	24.50	24.35	24.41	24.70
			8	0	23.57	23.55	23.50	23.70
		8	4	23.57	23.61	23.60	23.70	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				131987	132322	132657		

		8	7	23.52	23.47	23.46	23.70
		15	0	23.56	23.53	23.50	23.70
	64QAM	1	0	23.42	23.32	23.32	23.70
		1	7	23.20	23.24	23.27	23.70
		1	14	23.34	23.30	23.30	23.70
		8	0	22.62	22.56	22.58	22.70
		8	4	22.50	22.56	22.43	22.70
		8	7	22.54	22.46	22.48	22.70
		15	0	22.52	22.49	22.46	22.70
	256QAM	1	0	20.30	20.36	20.42	20.70
		1	7	20.43	20.32	20.33	20.70
		1	14	20.55	20.49	20.57	20.70
		8	0	20.30	20.28	20.30	20.70
		8	4	20.06	20.12	20.02	20.70
		8	7	20.20	20.10	20.20	20.70
15		0	20.37	20.27	20.31	20.70	
<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>
				131997	132322	132647	
<b>5MHz</b>	QPSK	1	0	25.43	25.46	25.47	25.70
		1	13	25.46	25.38	25.50	25.70
		1	24	25.46	25.51	25.47	25.70
		12	0	24.36	24.36	24.43	24.70
		12	6	24.39	24.47	24.38	24.70
		12	13	24.43	24.43	24.34	24.70
		25	0	24.46	24.48	24.48	24.70
	16QAM	1	0	24.48	24.36	24.38	24.70
		1	13	24.44	24.34	24.33	24.70
		1	24	24.44	24.38	24.36	24.70
		12	0	23.56	23.57	23.49	23.70
		12	6	23.62	23.60	23.61	23.70
		12	13	23.53	23.45	23.38	23.70
		25	0	23.50	23.49	23.44	23.70
	64QAM	1	0	23.37	23.36	23.31	23.70
		1	13	23.15	23.19	23.27	23.70
		1	24	23.40	23.33	23.29	23.70
		12	0	22.68	22.62	22.53	22.70
		12	6	22.44	22.54	22.41	22.70
		12	13	22.46	22.45	22.44	22.70
		25	0	22.45	22.48	22.44	22.70
	256QAM	1	0	20.33	20.34	20.39	20.70

		1	13	20.38	20.30	20.34	20.70
		1	24	20.52	20.50	20.54	20.70
		12	0	20.35	20.30	20.35	20.70
		12	6	20.12	20.11	20.10	20.70
		12	13	20.17	20.08	20.13	20.70
		25	0	20.28	20.29	20.26	20.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132022	132322	132622	
10MHz	QPSK	1	0	25.47	25.45	25.51	25.70
		1	25	25.42	25.39	25.51	25.70
		1	49	25.49	25.52	25.49	25.70
		25	0	24.37	24.35	24.44	24.70
		25	13	24.44	24.41	24.41	24.70
		25	25	24.51	24.42	24.33	24.70
		50	0	24.47	24.42	24.41	24.70
	16QAM	1	0	24.48	24.40	24.33	24.70
		1	25	24.44	24.40	24.34	24.70
		1	49	24.50	24.41	24.39	24.70
		25	0	23.57	23.50	23.52	23.70
		25	13	23.55	23.57	23.58	23.70
		25	25	23.49	23.45	23.39	23.70
		50	0	23.52	23.55	23.47	23.70
	64QAM	1	0	23.41	23.32	23.26	23.70
		1	25	23.17	23.25	23.26	23.70
		1	49	23.34	23.38	23.29	23.70
		25	0	22.60	22.60	22.59	22.70
		25	13	22.53	22.58	22.40	22.70
		25	25	22.51	22.50	22.50	22.70
		50	0	22.45	22.50	22.41	22.70
	256QAM	1	0	20.31	20.37	20.37	20.70
		1	25	20.39	20.32	20.27	20.70
		1	49	20.51	20.48	20.57	20.70
		25	0	20.28	20.30	20.32	20.70
		25	13	20.04	20.13	20.06	20.70
		25	25	20.15	20.10	20.13	20.70
		50	0	20.32	20.31	20.31	20.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132047	132322	132597	
15MHz	QPSK	1	0	25.44	25.43	25.52	25.70
		1	38	25.43	25.35	25.47	25.70

		1	74	25.50	25.48	25.54	25.70
		36	0	24.36	24.41	24.48	24.70
		36	18	24.42	24.41	24.35	24.70
		36	39	24.49	24.39	24.38	24.70
		75	0	24.51	24.44	24.46	24.70
	16QAM	1	0	24.51	24.40	24.38	24.70
		1	38	24.52	24.38	24.39	24.70
		1	74	24.50	24.39	24.35	24.70
		36	0	23.61	23.51	23.51	23.70
		36	18	23.62	23.56	23.65	23.70
		36	39	23.52	23.46	23.40	23.70
	64QAM	75	0	23.56	23.54	23.46	23.70
		1	0	23.41	23.31	23.31	23.70
		1	38	23.18	23.22	23.22	23.70
		1	74	23.39	23.38	23.25	23.70
		36	0	22.68	22.58	22.54	22.70
		36	18	22.46	22.55	22.46	22.70
	256QAM	36	39	22.49	22.44	22.48	22.70
		75	0	22.51	22.50	22.38	22.70
		1	0	20.30	20.39	20.36	20.70
		1	38	20.43	20.31	20.27	20.70
1		74	20.59	20.50	20.50	20.70	
36		0	20.35	20.25	20.31	20.70	
20MHz	QPSK	36	18	20.12	20.08	20.03	20.70
		36	39	20.14	20.06	20.17	20.70
75		0	20.36	20.33	20.31	20.70	
16QAM		Channel	Channel	Channel	Tune up		
		132072	132322	132572			
		1	0	25.47	25.57	25.51	25.70
		1	50	25.45	25.37	25.45	25.70
	1	99	25.45	25.49	25.50	25.70	
	50	0	24.42	24.47	24.44	24.70	
	50	25	24.34	24.41	24.41	24.70	
	50	50	24.31	24.36	24.41	24.70	
100	0	24.31	24.42	24.35	24.70		
16QAM	1	0	24.51	24.42	24.40	24.70	
	1	50	24.49	24.43	24.37	24.70	
	1	99	24.50	24.41	24.37	24.70	
	50	0	23.55	23.55	23.47	23.70	
	50	25	23.58	23.55	23.61	23.70	

		50	50	23.55	23.44	23.41	23.70
		100	0	23.53	23.50	23.45	23.70
	64QAM	1	0	23.34	23.37	23.33	23.70
		1	50	23.20	23.21	23.21	23.70
		1	99	23.36	23.37	23.27	23.70
		50	0	22.63	22.61	22.57	22.70
		50	25	22.53	22.57	22.39	22.70
		50	50	22.54	22.49	22.48	22.70
		100	0	22.50	22.48	22.39	22.70
		256QAM	1	0	20.32	20.37	20.34
	1		50	20.42	20.30	20.33	20.70
	1		99	20.55	20.46	20.52	20.70
	50		0	20.35	20.24	20.33	20.70
	50		25	20.07	20.12	20.02	20.70
	50		50	20.13	20.08	20.20	20.70
	100		0	20.29	20.24	20.30	20.70

LTE Band 66 DS11 DS15				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131979	132322	132665	
1.4MHz	QPSK	1	0	18.80	18.95	18.94	19.20
		1	2	18.85	18.97	18.87	19.20
		1	5	18.88	18.94	18.94	19.20
		3	0	18.88	18.92	18.89	19.20
		3	1	18.83	18.98	18.88	19.20
		3	3	18.83	18.94	18.95	19.20
		6	0	18.84	18.92	18.89	19.20
	16QAM	1	0	18.84	18.95	18.92	19.20
		1	2	18.82	18.97	18.89	19.20
		1	5	18.86	18.91	18.86	19.20
		3	0	18.82	18.91	18.89	19.20
		3	1	18.81	18.96	18.87	19.20
		3	3	18.84	18.95	18.94	19.20
		6	0	18.86	18.92	18.95	19.20
	64QAM	1	0	18.85	18.92	18.90	19.20
		1	2	18.83	18.98	18.91	19.20
		1	5	18.89	18.97	18.95	19.20
		3	0	18.81	18.96	18.94	19.20
		3	1	18.85	18.94	18.88	19.20

		3	3	18.83	18.96	18.88	19.20
		6	0	18.81	18.95	18.87	19.20
	256QAM	1	0	18.88	18.93	18.88	19.20
		1	2	18.86	18.98	18.88	19.20
		1	5	18.83	18.91	18.87	19.20
		3	0	18.85	18.98	18.90	19.20
		3	1	18.84	18.91	18.92	19.20
		3	3	18.81	18.95	18.92	19.20
		6	0	18.89	18.98	18.90	19.20
<b>Bandwidth</b>	<b>Modulation</b>	<b>RB size</b>	<b>RB offset</b>	<b>Channel</b>	<b>Channel</b>	<b>Channel</b>	<b>Tune up</b>
				131987	132322	132657	
<b>3MHz</b>	QPSK	1	0	18.85	18.93	18.91	19.20
		1	7	18.85	18.91	18.95	19.20
		1	14	18.87	18.95	18.93	19.20
		8	0	18.88	18.91	18.94	19.20
		8	4	18.84	18.92	18.91	19.20
		8	7	18.85	18.91	18.91	19.20
		15	0	18.81	18.95	18.90	19.20
	16QAM	1	0	18.85	18.99	18.93	19.20
		1	7	18.82	18.93	18.88	19.20
		1	14	18.84	18.97	18.87	19.20
		8	0	18.86	18.92	18.93	19.20
		8	4	18.86	18.92	18.95	19.20
		8	7	18.84	18.93	18.90	19.20
		15	0	18.87	18.93	18.87	19.20
	64QAM	1	0	18.82	18.93	18.89	19.20
		1	7	18.87	18.95	18.94	19.20
		1	14	18.83	18.93	18.93	19.20
		8	0	18.84	18.93	18.91	19.20
		8	4	18.89	18.99	18.91	19.20
		8	7	18.85	18.95	18.92	19.20
		15	0	18.85	18.91	18.94	19.20
	256QAM	1	0	18.81	18.96	18.91	19.20
		1	7	18.88	18.92	18.90	19.20
		1	14	18.84	18.93	18.94	19.20
		8	0	18.84	18.97	18.94	19.20
		8	4	18.86	18.96	18.89	19.20
		8	7	18.82	18.94	18.94	19.20
		15	0	18.88	18.98	18.92	19.20
<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>

				131997	132322	132647	
<b>5MHz</b>	QPSK	1	0	18.84	18.98	18.90	19.20
		1	13	18.85	18.94	18.89	19.20
		1	24	18.86	18.94	18.95	19.20
		12	0	18.84	18.95	18.87	19.20
		12	6	18.81	18.95	18.89	19.20
		12	13	18.86	18.94	18.92	19.20
		25	0	18.81	18.91	18.90	19.20
	16QAM	1	0	18.83	18.93	18.90	19.20
		1	13	18.85	18.95	18.87	19.20
		1	24	18.82	18.94	18.95	19.20
		12	0	18.83	18.94	18.92	19.20
		12	6	18.81	18.94	18.91	19.20
		12	13	18.87	18.95	18.93	19.20
		25	0	18.82	18.96	18.86	19.20
	64QAM	1	0	18.83	18.95	18.93	19.20
		1	13	18.88	18.91	18.93	19.20
		1	24	18.83	18.96	18.87	19.20
		12	0	18.86	18.98	18.86	19.20
		12	6	18.83	18.91	18.88	19.20
		12	13	18.83	18.92	18.91	19.20
		25	0	18.87	18.98	18.93	19.20
	256QAM	1	0	18.87	18.94	18.93	19.20
		1	13	18.83	18.97	18.91	19.20
		1	24	18.89	18.94	18.90	19.20
		12	0	18.84	18.93	18.90	19.20
		12	6	18.87	18.95	18.86	19.20
		12	13	18.88	18.94	18.87	19.20
		25	0	18.88	18.98	18.86	19.20
<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	18.86	18.96	18.94	19.20
		1	25	18.88	18.95	18.86	19.20
		1	49	18.89	18.93	18.87	19.20
		25	0	18.86	18.95	18.89	19.20
		25	13	18.81	18.96	18.94	19.20
		25	25	18.81	18.99	18.88	19.20
		50	0	18.86	18.96	18.94	19.20
	16QAM	1	0	18.80	18.92	18.90	19.20
		1	25	18.85	18.95	18.90	19.20



		1	49	18.85	18.94	18.95	19.20	
		25	0	18.82	18.94	18.88	19.20	
		25	13	18.81	18.94	18.94	19.20	
		25	25	18.81	18.94	18.90	19.20	
		50	0	18.87	18.97	18.91	19.20	
	64QAM	1	0	18.80	18.92	18.88	19.20	
		1	25	18.89	18.94	18.88	19.20	
		1	49	18.84	18.96	18.87	19.20	
		25	0	18.87	18.94	18.91	19.20	
		25	13	18.86	18.97	18.92	19.20	
		25	25	18.83	18.94	18.95	19.20	
	256QAM	50	0	18.88	18.97	18.89	19.20	
		1	0	18.84	18.92	18.93	19.20	
		1	25	18.85	18.91	18.87	19.20	
		1	49	18.88	18.94	18.94	19.20	
		25	0	18.89	18.96	18.88	19.20	
		25	13	18.87	18.96	18.90	19.20	
		25	25	18.82	18.98	18.86	19.20	
50		0	18.84	18.97	18.91	19.20		
<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	18.84	18.95	18.93	19.20
			1	38	18.89	18.98	18.93	19.20
	1		74	18.87	18.91	18.94	19.20	
	36		0	18.88	18.94	18.93	19.20	
	36		18	18.86	18.94	18.95	19.20	
	36		39	18.82	18.94	18.86	19.20	
	75		0	18.83	18.95	18.94	19.20	
	16QAM	1	0	18.82	18.92	18.91	19.20	
		1	38	18.85	18.94	18.91	19.20	
		1	74	18.87	18.93	18.91	19.20	
		36	0	18.86	18.94	18.93	19.20	
		36	18	18.83	18.95	18.94	19.20	
		36	39	18.80	18.91	18.90	19.20	
		75	0	18.80	18.98	18.87	19.20	
	64QAM	1	0	18.88	18.98	18.94	19.20	
		1	38	18.81	18.93	18.91	19.20	
		1	74	18.87	18.98	18.94	19.20	
		36	0	18.85	18.97	18.88	19.20	
		36	18	18.82	18.93	18.86	19.20	

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				132072	132322	132572		
20MHz	256QAM	36	39	18.85	18.96	18.91	19.20	
		75	0	18.81	18.96	18.86	19.20	
		1	0	18.87	18.93	18.89	19.20	
		1	38	18.85	18.99	18.91	19.20	
		1	74	18.85	18.97	18.91	19.20	
		36	0	18.86	18.92	18.90	19.20	
		36	18	18.81	18.96	18.95	19.20	
		36	39	18.82	18.91	18.89	19.20	
		75	0	18.86	18.97	18.88	19.20	
	20MHz	QPSK	1	0	18.96	19.02	18.99	19.20
			1	50	18.88	18.98	18.92	19.20
			1	99	18.87	18.91	18.88	19.20
			50	0	18.93	18.99	18.98	19.20
			50	25	18.83	18.94	18.93	19.20
			50	50	18.82	18.96	18.95	19.20
			100	0	18.82	18.97	18.95	19.20
		16QAM	1	0	18.83	18.99	18.90	19.20
			1	50	18.84	18.91	18.94	19.20
			1	99	18.81	18.98	18.91	19.20
			50	0	18.84	18.95	18.89	19.20
			50	25	18.89	18.90	18.87	19.20
			50	50	18.85	18.99	18.93	19.20
			100	0	18.85	18.98	18.90	19.20
		64QAM	1	0	18.85	18.96	18.87	19.20
			1	50	18.81	18.97	18.91	19.20
			1	99	18.81	18.97	18.93	19.20
			50	0	18.87	18.97	18.86	19.20
			50	25	18.86	18.99	18.92	19.20
50			50	18.85	18.90	18.94	19.20	
100			0	18.85	18.94	18.93	19.20	
256QAM		1	0	18.84	18.92	18.86	19.20	
		1	50	18.88	18.96	18.91	19.20	
		1	99	18.83	18.92	18.86	19.20	
		50	0	18.89	18.93	18.94	19.20	
		50	25	18.81	18.99	18.92	19.20	
		50	50	18.86	18.92	18.95	19.20	
		100	0	18.84	18.97	18.92	19.20	

LTE Band 66 DSI3				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131979	132322	132665	
1.4MHz	QPSK	1	0	22.36	22.31	22.44	22.70
		1	2	22.37	22.26	22.33	22.70
		1	5	22.37	22.31	22.34	22.70
		3	0	22.39	22.28	22.36	22.70
		3	1	22.39	22.31	22.30	22.70
		3	3	22.40	22.26	22.36	22.70
		6	0	22.42	22.27	22.28	22.70
	16QAM	1	0	22.40	22.35	22.29	22.70
		1	2	22.37	22.27	22.36	22.70
		1	5	22.36	22.32	22.30	22.70
		3	0	22.35	22.31	22.35	22.70
		3	1	22.43	22.30	22.37	22.70
		3	3	22.37	22.30	22.36	22.70
		6	0	22.40	22.27	22.30	22.70
	64QAM	1	0	22.37	22.27	22.36	22.70
		1	2	22.38	22.33	22.33	22.70
		1	5	22.36	22.26	22.36	22.70
		3	0	22.38	22.31	22.35	22.70
		3	1	22.35	22.31	22.36	22.70
		3	3	22.42	22.30	22.35	22.70
		6	0	22.39	22.34	22.30	22.70
	256QAM	1	0	20.36	20.40	20.30	20.70
		1	2	20.42	20.34	20.29	20.70
		1	5	20.60	20.43	20.55	20.70
3		0	20.39	20.25	20.30	20.70	
3		1	20.04	20.09	19.99	20.70	
3		3	20.15	20.06	20.20	20.70	
6		0	20.25	20.25	20.35	20.70	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
3MHz	QPSK	1	0	22.40	22.31	22.43	22.70
		1	7	22.34	22.34	22.36	22.70
		1	14	22.40	22.34	22.33	22.70
		8	0	22.39	22.33	22.32	22.70
		8	4	22.36	22.26	22.31	22.70
		8	7	22.37	22.28	22.36	22.70
						131987	132322

	16QAM	15	0	22.37	22.30	22.32	22.70	
		1	0	22.38	22.27	22.29	22.70	
		1	7	22.42	22.30	22.37	22.70	
		1	14	22.41	22.32	22.31	22.70	
		8	0	22.39	22.30	22.35	22.70	
		8	4	22.36	22.32	22.29	22.70	
		8	7	22.37	22.26	22.31	22.70	
	15	0	22.35	22.32	22.29	22.70		
	64QAM	1	0	22.35	22.34	22.31	22.70	
		1	7	22.37	22.27	22.31	22.70	
		1	14	22.41	22.30	22.31	22.70	
		8	0	22.40	22.28	22.33	22.70	
		8	4	22.34	22.35	22.31	22.70	
		8	7	22.36	22.31	22.29	22.70	
		15	0	22.39	22.33	22.34	22.70	
	256QAM	1	0	20.33	20.38	20.38	20.70	
		1	7	20.46	20.29	20.37	20.70	
		1	14	20.58	20.48	20.54	20.70	
		8	0	20.39	20.27	20.36	20.70	
		8	4	20.09	20.11	20.06	20.70	
		8	7	20.17	20.04	20.22	20.70	
		15	0	20.26	20.26	20.31	20.70	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					131997	132322	132647	
	5MHz	QPSK	1	0	22.40	22.37	22.39	22.70
			1	13	22.37	22.26	22.32	22.70
			1	24	22.38	22.31	22.35	22.70
			12	0	22.39	22.32	22.30	22.70
12			6	22.39	22.30	22.35	22.70	
12			13	22.43	22.26	22.35	22.70	
25			0	22.42	22.29	22.34	22.70	
16QAM		1	0	22.35	22.31	22.29	22.70	
		1	13	22.42	22.32	22.34	22.70	
		1	24	22.41	22.31	22.34	22.70	
		12	0	22.39	22.33	22.36	22.70	
		12	6	22.37	22.31	22.31	22.70	
		12	13	22.40	22.34	22.36	22.70	
		25	0	22.38	22.29	22.32	22.70	
64QAM		1	0	22.42	22.27	22.34	22.70	
		1	13	22.41	22.27	22.32	22.70	

		1	24	22.41	22.34	22.37	22.70
		12	0	22.37	22.33	22.34	22.70
		12	6	22.39	22.29	22.29	22.70
		12	13	22.35	22.29	22.35	22.70
		25	0	22.43	22.27	22.29	22.70
	256QAM	1	0	20.33	20.36	20.33	20.70
		1	13	20.38	20.34	20.29	20.70
		1	24	20.54	20.43	20.51	20.70
		12	0	20.35	20.25	20.30	20.70
		12	6	20.08	20.16	20.06	20.70
		12	13	20.12	20.13	20.22	20.70
		25	0	20.29	20.26	20.28	20.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132022	132322	132622	
10MHz	QPSK	1	0	22.36	22.40	22.39	22.70
		1	25	22.41	22.28	22.37	22.70
		1	49	22.40	22.32	22.31	22.70
		25	0	22.40	22.28	22.36	22.70
		25	13	22.37	22.34	22.37	22.70
		25	25	22.37	22.29	22.35	22.70
		50	0	22.36	22.29	22.34	22.70
	16QAM	1	0	22.37	22.31	22.34	22.70
		1	25	22.36	22.32	22.30	22.70
		1	49	22.37	22.32	22.31	22.70
		25	0	22.42	22.34	22.37	22.70
		25	13	22.42	22.26	22.29	22.70
		25	25	22.40	22.33	22.29	22.70
		50	0	22.40	22.32	22.36	22.70
	64QAM	1	0	22.39	22.27	22.30	22.70
		1	25	22.42	22.27	22.37	22.70
		1	49	22.39	22.30	22.35	22.70
		25	0	22.35	22.31	22.30	22.70
		25	13	22.38	22.30	22.32	22.70
		25	25	22.36	22.26	22.33	22.70
		50	0	22.40	22.28	22.34	22.70
	256QAM	1	0	20.33	20.34	20.32	20.70
		1	25	20.43	20.27	20.34	20.70
		1	49	20.59	20.44	20.55	20.70
		25	0	20.34	20.26	20.29	20.70
		25	13	20.10	20.13	20.04	20.70

Bandwidth	Modulation	25	25	20.15	20.08	20.20	20.70
		50	0	20.30	20.29	20.30	20.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132047	132322	132597	
15MHz	QPSK	1	0	22.37	22.34	22.39	22.70
		1	38	22.34	22.31	22.37	22.70
		1	74	22.35	22.35	22.37	22.70
		36	0	22.38	22.26	22.31	22.70
		36	18	22.39	22.29	22.37	22.70
		36	39	22.43	22.32	22.35	22.70
		75	0	22.42	22.33	22.33	22.70
	16QAM	1	0	22.37	22.35	22.29	22.70
		1	38	22.36	22.26	22.32	22.70
		1	74	22.37	22.33	22.35	22.70
		36	0	22.40	22.31	22.28	22.70
		36	18	22.38	22.33	22.36	22.70
		36	39	22.36	22.34	22.31	22.70
		75	0	22.37	22.30	22.28	22.70
	64QAM	1	0	22.36	22.32	22.37	22.70
		1	38	22.42	22.28	22.31	22.70
		1	74	22.35	22.28	22.29	22.70
		36	0	22.40	22.30	22.30	22.70
		36	18	22.35	22.34	22.32	22.70
		36	39	22.36	22.34	22.30	22.70
		75	0	22.38	22.29	22.36	22.70
	256QAM	1	0	20.32	20.34	20.39	20.70
		1	38	20.41	20.29	20.29	20.70
		1	74	20.56	20.48	20.51	20.70
		36	0	20.36	20.24	20.32	20.70
		36	18	20.03	20.10	20.02	20.70
		36	39	20.09	20.04	20.20	20.70
		75	0	20.31	20.29	20.26	20.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132072	132322	132572	
20MHz	QPSK	1	0	22.41	22.53	22.43	22.70
		1	50	22.37	22.27	22.29	22.70
		1	99	22.37	22.27	22.33	22.70
		50	0	22.39	22.44	22.33	22.70
		50	25	22.38	22.34	22.29	22.70
		50	50	22.34	22.28	22.32	22.70

		100	0	22.40	22.46	22.32	22.70
	16QAM	1	0	22.40	22.28	22.34	22.70
		1	50	22.42	22.34	22.32	22.70
		1	99	22.37	22.27	22.36	22.70
		50	0	22.41	22.34	22.29	22.70
		50	25	22.34	22.34	22.28	22.70
		50	50	22.42	22.34	22.37	22.70
		100	0	22.38	22.29	22.29	22.70
	64QAM	1	0	22.34	22.32	22.36	22.70
		1	50	22.35	22.29	22.35	22.70
		1	99	22.38	22.28	22.34	22.70
		50	0	22.40	22.35	22.36	22.70
		50	25	22.37	22.33	22.35	22.70
		50	50	22.37	22.26	22.36	22.70
		100	0	22.36	22.33	22.31	22.70
	256QAM	1	0	20.28	20.40	20.36	20.70
		1	50	20.44	20.31	20.34	20.70
		1	99	20.55	20.46	20.53	20.70
		50	0	20.37	20.29	20.29	20.70
		50	25	20.07	20.12	20.06	20.70
		50	50	20.10	20.11	20.24	20.70
		100	0	20.33	20.22	20.27	20.70

## 5 Conducted Power of Main Antenna(Ant4)

### 5.1 Conducted Power of LTE

LTE Band 38 Full Power				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37775	38000	38225	
5MHz	QPSK	1	0	24.95	24.97	25.04	25.50
		1	13	24.93	24.85	25.03	25.50
		1	24	24.93	24.98	24.98	25.50
		12	0	23.87	23.93	23.97	24.50
		12	6	23.93	23.91	23.92	24.50
		12	13	23.94	23.84	23.90	24.50
		25	0	24.01	23.94	23.94	24.50
	16QAM	1	0	23.99	23.93	23.91	24.50
		1	13	23.95	23.85	23.88	24.50
		1	24	24.01	23.88	23.90	24.50
		12	0	23.06	23.00	23.00	23.50
		12	6	23.12	23.07	23.12	23.50
		12	13	23.01	22.91	22.95	23.50
		25	0	23.05	23.05	23.01	23.50
	64QAM	1	0	22.90	22.87	22.82	23.50
		1	13	22.70	22.73	22.71	23.50
		1	24	22.86	22.81	22.75	23.50
		12	0	22.14	22.11	22.07	22.50
		12	6	22.01	22.00	21.94	22.50
		12	13	21.97	21.95	21.95	22.50
		25	0	22.00	22.05	21.88	22.50
	256QAM	1	0	19.84	19.81	19.84	20.50
		1	13	19.85	19.84	19.84	20.50
		1	24	20.02	19.98	20.04	20.50
12		0	19.81	19.75	19.81	20.50	
12		6	19.60	19.60	19.54	20.50	
12		13	19.68	19.63	19.70	20.50	



Bandwidth	Modulation	25	0	19.80	19.82	19.79	20.50	
		RB size	RB offset	Channel	Channel	Channel	Tune up	
				37800	38000	38200		
10MHz	QPSK	1	0	24.98	24.96	24.97	25.50	
		1	25	24.98	24.90	24.99	25.50	
		1	49	24.92	24.98	24.99	25.50	
		25	0	23.88	23.86	23.96	24.50	
		25	13	23.91	23.90	23.89	24.50	
		25	25	23.97	23.88	23.90	24.50	
		50	0	23.96	23.91	23.95	24.50	
	16QAM	1	0	23.98	23.87	23.85	24.50	
		1	25	23.94	23.89	23.85	24.50	
		1	49	23.98	23.88	23.90	24.50	
		25	0	23.10	23.03	23.01	23.50	
		25	13	23.13	23.11	23.11	23.50	
		25	25	22.97	22.91	22.91	23.50	
		50	0	23.00	22.98	23.01	23.50	
	64QAM	1	0	22.84	22.83	22.79	23.50	
		1	25	22.62	22.73	22.71	23.50	
		1	49	22.88	22.87	22.83	23.50	
		25	0	22.10	22.09	22.08	22.50	
		25	13	22.03	22.08	21.95	22.50	
		25	25	21.97	21.95	22.00	22.50	
		50	0	21.94	21.99	21.93	22.50	
	256QAM	1	0	19.79	19.88	19.88	20.50	
		1	25	19.88	19.82	19.81	20.50	
		1	49	20.08	20.01	20.01	20.50	
		25	0	19.84	19.75	19.77	20.50	
		25	13	19.57	19.61	19.58	20.50	
		25	25	19.66	19.61	19.62	20.50	
		50	0	19.80	19.78	19.82	20.50	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
	15MHz	QPSK	1	0	24.99	24.99	24.99	25.50
1			38	24.97	24.92	24.99	25.50	
1			74	24.97	24.95	24.99	25.50	
36			0	23.89	23.86	23.97	24.50	
36			18	23.95	23.93	23.85	24.50	
36			39	23.97	23.86	23.90	24.50	
75			0	23.95	23.97	23.93	24.50	
						37825	38000	38175

	16QAM	1	0	23.99	23.90	23.91	24.50
		1	38	23.94	23.92	23.85	24.50
		1	74	23.95	23.87	23.88	24.50
		36	0	23.06	23.06	22.99	23.50
		36	18	23.12	23.05	23.14	23.50
		36	39	23.01	22.96	22.91	23.50
		75	0	23.01	23.00	22.94	23.50
	64QAM	1	0	22.89	22.86	22.81	23.50
		1	38	22.68	22.70	22.76	23.50
		1	74	22.86	22.89	22.80	23.50
		36	0	22.18	22.09	22.04	22.50
		36	18	22.01	22.01	21.90	22.50
		36	39	21.96	22.02	22.00	22.50
		75	0	21.95	22.00	21.88	22.50
	256QAM	1	0	19.83	19.85	19.84	20.50
		1	38	19.87	19.78	19.81	20.50
		1	74	20.00	19.99	20.07	20.50
		36	0	19.83	19.82	19.83	20.50
		36	18	19.60	19.60	19.56	20.50
		36	39	19.67	19.60	19.64	20.50
		75	0	19.81	19.79	19.78	20.50
<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>
				37850	38000	38150	
<b>20MHz</b>	QPSK	1	0	24.96	25.11	25.04	25.50
		1	50	24.93	24.89	24.97	25.50
		1	99	24.99	24.97	25.05	25.50
		50	0	23.92	23.84	23.98	24.50
		50	25	23.95	23.89	23.93	24.50
		50	50	23.97	23.88	23.88	24.50
		100	0	23.98	23.91	23.97	24.50
	16QAM	1	0	23.96	23.91	23.85	24.50
		1	50	23.99	23.91	23.86	24.50
		1	99	23.98	23.85	23.85	24.50
		50	0	23.11	23.03	22.96	23.50
		50	25	23.12	23.04	23.11	23.50
		50	50	23.01	22.91	22.94	23.50
		100	0	23.04	23.05	23.01	23.50
	64QAM	1	0	22.90	22.85	22.76	23.50
		1	50	22.64	22.71	22.76	23.50
		1	99	22.87	22.89	22.78	23.50

		50	0	22.17	22.05	22.09	22.50
		50	25	22.02	22.03	21.91	22.50
		50	50	21.99	21.98	21.98	22.50
		100	0	21.97	21.98	21.88	22.50
	256QAM	1	0	19.87	19.87	19.84	20.50
		1	50	19.84	19.79	19.79	20.50
		1	99	20.05	19.97	20.04	20.50
		50	0	19.85	19.78	19.82	20.50
		50	25	19.55	19.58	19.59	20.50
		50	50	19.64	19.61	19.68	20.50
		100	0	19.83	19.81	19.79	20.50

LTE Band 38 DS11 DS15				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37775	38000	38225	
5MHz	QPSK	1	0	17.80	17.91	17.92	18.50
		1	13	17.87	17.83	17.90	18.50
		1	24	17.82	17.79	17.89	18.50
		12	0	17.88	17.78	17.86	18.50
		12	6	17.87	17.75	17.91	18.50
		12	13	17.83	17.81	17.93	18.50
		25	0	17.85	17.83	17.85	18.50
	16QAM	1	0	17.83	17.79	17.91	18.50
		1	13	17.90	17.83	17.92	18.50
		1	24	17.85	17.79	17.93	18.50
		12	0	17.88	17.78	17.90	18.50
		12	6	17.87	17.78	17.85	18.50
		12	13	17.86	17.78	17.92	18.50
		25	0	17.87	17.82	17.88	18.50
	64QAM	1	0	17.84	17.80	17.88	18.50
		1	13	17.90	17.81	17.91	18.50
		1	24	17.82	17.82	17.92	18.50
		12	0	17.87	17.75	17.86	18.50
		12	6	17.90	17.76	17.90	18.50
		12	13	17.86	17.82	17.87	18.50
		25	0	17.85	17.80	17.87	18.50
	256QAM	1	0	17.83	17.78	17.90	18.50
		1	13	17.85	17.78	17.86	18.50
		1	24	17.83	17.79	17.90	18.50

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37800	38000	38200	
10MHz	QPSK	12	0	17.83	17.74	17.92	18.50
		12	6	17.85	17.81	17.90	18.50
		12	13	17.87	17.81	17.85	18.50
		25	0	17.88	17.83	17.85	18.50
		1	0	17.85	17.88	17.89	18.50
		1	25	17.83	17.74	17.88	18.50
		1	49	17.88	17.82	17.89	18.50
	16QAM	25	0	17.84	17.81	17.86	18.50
		25	13	17.91	17.83	17.92	18.50
		25	25	17.86	17.76	17.94	18.50
		50	0	17.89	17.76	17.85	18.50
		1	0	17.85	17.79	17.86	18.50
		1	25	17.84	17.81	17.86	18.50
		1	49	17.86	17.81	17.86	18.50
	64QAM	25	0	17.87	17.76	17.89	18.50
		25	13	17.88	17.82	17.90	18.50
		25	25	17.86	17.77	17.91	18.50
		50	0	17.89	17.79	17.87	18.50
		1	0	17.85	17.83	17.89	18.50
		1	25	17.88	17.81	17.85	18.50
		1	49	17.85	17.78	17.93	18.50
	256QAM	25	0	17.85	17.79	17.92	18.50
		25	13	17.90	17.74	17.94	18.50
		25	25	17.89	17.81	17.88	18.50
		50	0	17.90	17.75	17.88	18.50
		1	0	17.83	17.79	17.89	18.50
		1	25	17.90	17.81	17.89	18.50
		1	49	17.82	17.82	17.93	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37825	38000	38175	
15MHz	QPSK	1	0	17.84	17.88	17.89	18.50
		1	38	17.82	17.79	17.87	18.50
		1	74	17.83	17.75	17.91	18.50
		36	0	17.88	17.81	17.90	18.50

	16QAM	36	18	17.90	17.81	17.93	18.50
		36	39	17.85	17.75	17.91	18.50
		75	0	17.89	17.81	17.86	18.50
		1	0	17.82	17.78	17.92	18.50
		1	38	17.83	17.74	17.92	18.50
		1	74	17.89	17.82	17.90	18.50
		36	0	17.89	17.82	17.92	18.50
		36	18	17.89	17.75	17.90	18.50
		36	39	17.86	17.78	17.87	18.50
	75	0	17.91	17.80	17.86	18.50	
	64QAM	1	0	17.89	17.75	17.85	18.50
		1	38	17.86	17.83	17.85	18.50
		1	74	17.91	17.74	17.93	18.50
		36	0	17.86	17.79	17.90	18.50
		36	18	17.84	17.82	17.94	18.50
		36	39	17.91	17.82	17.86	18.50
		75	0	17.87	17.83	17.92	18.50
	256QAM	1	0	17.89	17.81	17.91	18.50
		1	38	17.84	17.79	17.91	18.50
		1	74	17.88	17.76	17.93	18.50
		36	0	17.83	17.75	17.89	18.50
36		18	17.89	17.77	17.88	18.50	
36		39	17.86	17.78	17.90	18.50	
75		0	17.90	17.81	17.92	18.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37850	38000	38150	
20MHz	QPSK	1	0	17.92	18.03	17.96	18.50
		1	50	17.85	17.75	17.91	18.50
		1	99	17.87	17.77	17.88	18.50
		50	0	17.96	17.97	17.96	18.50
		50	25	17.88	17.77	17.91	18.50
		50	50	17.86	17.79	17.88	18.50
		100	0	17.82	17.92	17.87	18.50
	16QAM	1	0	17.90	17.81	17.94	18.50
		1	50	17.88	17.78	17.89	18.50
		1	99	17.82	17.74	17.92	18.50
		50	0	17.89	17.83	17.87	18.50
		50	25	17.83	17.80	17.87	18.50
		50	50	17.87	17.83	17.85	18.50
		100	0	17.91	17.81	17.91	18.50

	64QAM	1	0	17.91	17.81	17.85	18.50
		1	50	17.82	17.78	17.92	18.50
		1	99	17.83	17.79	17.86	18.50
		50	0	17.89	17.77	17.92	18.50
		50	25	17.89	17.81	17.85	18.50
		50	50	17.88	17.82	17.91	18.50
		100	0	17.89	17.79	17.89	18.50
	256QAM	1	0	17.86	17.76	17.85	18.50
		1	50	17.89	17.81	17.92	18.50
		1	99	17.90	17.81	17.89	18.50
		50	0	17.86	17.75	17.90	18.50
		50	25	17.88	17.83	17.93	18.50
		50	50	17.86	17.75	17.88	18.50
		100	0	17.88	17.82	17.88	18.50

LTE Band 38 DSI3				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37775	38000	38225	
5MHz	QPSK	1	0	20.84	20.81	20.82	21.50
		1	13	20.88	20.81	20.91	21.50
		1	24	20.85	20.81	20.88	21.50
		12	0	20.90	20.80	20.82	21.50
		12	6	20.84	20.86	20.82	21.50
		12	13	20.82	20.78	20.87	21.50
		25	0	20.82	20.78	20.89	21.50
	16QAM	1	0	20.87	20.80	20.86	21.50
		1	13	20.84	20.81	20.83	21.50
		1	24	20.86	20.84	20.87	21.50
		12	0	20.86	20.83	20.88	21.50
		12	6	20.84	20.79	20.83	21.50
		12	13	20.87	20.82	20.91	21.50
		25	0	20.89	20.83	20.86	21.50
	64QAM	1	0	20.82	20.83	20.88	21.50
		1	13	20.85	20.87	20.87	21.50
		1	24	20.87	20.86	20.87	21.50
		12	0	20.86	20.84	20.86	21.50
		12	6	20.88	20.85	20.84	21.50
		12	13	20.85	20.81	20.85	21.50
		25	0	20.82	20.87	20.82	21.50

		1	0	19.87	19.90	19.81	20.50
		1	13	19.83	19.79	19.75	20.50
		1	24	20.09	20.00	20.02	20.50
	256QAM	12	0	19.82	19.76	19.80	20.50
		12	6	19.54	19.59	19.60	20.50
		12	13	19.65	19.61	19.67	20.50
		25	0	19.82	19.84	19.77	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37800	38000	38200	
10MHz	QPSK	1	0	20.82	20.79	20.88	21.50
		1	25	20.82	20.81	20.88	21.50
		1	49	20.89	20.80	20.86	21.50
		25	0	20.86	20.82	20.84	21.50
		25	13	20.87	20.86	20.82	21.50
		25	25	20.84	20.86	20.89	21.50
		50	0	20.82	20.79	20.86	21.50
	16QAM	1	0	20.85	20.81	20.84	21.50
		1	25	20.90	20.82	20.90	21.50
		1	49	20.82	20.82	20.90	21.50
		25	0	20.83	20.86	20.90	21.50
		25	13	20.87	20.82	20.89	21.50
		25	25	20.85	20.85	20.84	21.50
		50	0	20.86	20.85	20.90	21.50
	64QAM	1	0	20.86	20.79	20.87	21.50
		1	25	20.87	20.80	20.91	21.50
		1	49	20.86	20.79	20.83	21.50
		25	0	20.86	20.84	20.89	21.50
		25	13	20.81	20.80	20.84	21.50
		25	25	20.85	20.86	20.89	21.50
		50	0	20.83	20.80	20.86	21.50
	256QAM	1	0	19.88	19.91	19.88	20.50
		1	25	19.83	19.79	19.78	20.50
		1	49	20.07	19.98	20.04	20.50
		25	0	19.85	19.81	19.82	20.50
		25	13	19.52	19.54	19.56	20.50
		25	25	19.65	19.64	19.67	20.50
		50	0	19.86	19.80	19.81	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37825	38000	38175	
15MHz	QPSK	1	0	20.86	20.86	20.88	21.50

		1	38	20.85	20.83	20.89	21.50	
		1	74	20.89	20.84	20.84	21.50	
		36	0	20.88	20.84	20.89	21.50	
		36	18	20.82	20.82	20.89	21.50	
		36	39	20.87	20.84	20.87	21.50	
		75	0	20.90	20.80	20.85	21.50	
	16QAM	1	0	20.84	20.81	20.86	21.50	
		1	38	20.87	20.82	20.91	21.50	
		1	74	20.86	20.85	20.88	21.50	
		36	0	20.87	20.86	20.82	21.50	
		36	18	20.86	20.80	20.90	21.50	
		36	39	20.83	20.78	20.85	21.50	
	64QAM	75	0	20.86	20.78	20.91	21.50	
		1	0	20.87	20.81	20.83	21.50	
		1	38	20.89	20.82	20.84	21.50	
		1	74	20.85	20.80	20.86	21.50	
		36	0	20.83	20.86	20.91	21.50	
		36	18	20.87	20.86	20.87	21.50	
	256QAM	36	39	20.84	20.82	20.86	21.50	
		75	0	20.89	20.81	20.90	21.50	
		1	0	19.91	19.90	19.80	20.50	
		1	38	19.80	19.81	19.75	20.50	
		1	74	20.08	20.00	20.04	20.50	
		36	0	19.88	19.75	19.82	20.50	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					37850	38000	38150	
	20MHz	QPSK	36	18	19.59	19.54	19.62	20.50
			36	39	19.67	19.66	19.70	20.50
75			0	19.85	19.84	19.75	20.50	
1			0	20.91	21.02	20.99	21.50	
1			50	20.83	20.83	20.84	21.50	
1			99	20.85	20.82	20.86	21.50	
50			0	20.90	21.00	20.99	21.50	
16QAM		50	25	20.88	20.83	20.82	21.50	
		50	50	20.81	20.84	20.90	21.50	
		100	0	20.85	20.98	20.83	21.50	
		1	0	20.87	20.86	20.88	21.50	
		1	50	20.84	20.82	20.87	21.50	
		1	99	20.84	20.83	20.85	21.50	
		50	0	20.84	20.85	20.88	21.50	



		50	25	20.89	20.79	20.87	21.50	
		50	50	20.89	20.87	20.86	21.50	
		100	0	20.83	20.83	20.87	21.50	
	64QAM	1	0	20.84	20.85	20.90	21.50	
		1	50	20.86	20.84	20.88	21.50	
		1	99	20.89	20.83	20.83	21.50	
		50	0	20.82	20.84	20.88	21.50	
		50	25	20.81	20.82	20.90	21.50	
		50	50	20.81	20.86	20.86	21.50	
		100	0	20.83	20.80	20.85	21.50	
		256QAM	1	0	19.88	19.88	19.87	20.50
			1	50	19.88	19.75	19.83	20.50
	1		99	20.01	19.94	20.02	20.50	
	50		0	19.89	19.76	19.84	20.50	
	50		25	19.51	19.55	19.58	20.50	
	50		50	19.67	19.63	19.70	20.50	
	100		0	19.85	19.78	19.80	20.50	

LTE Band 41(2496~2690) Full Power				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	25.41	25.30	25.32	25.30	25.39	25.70
		1	13	25.35	25.28	25.29	25.31	25.42	25.70
		1	24	25.41	25.30	25.41	25.36	25.43	25.70
		12	0	24.32	24.27	24.29	24.24	24.36	24.70
		12	6	24.28	24.36	24.31	24.32	24.29	24.70
		12	13	24.41	24.24	24.24	24.31	24.23	24.70
		25	0	24.35	24.30	24.30	24.31	24.36	24.70
	16QAM	1	0	24.37	24.32	24.27	24.30	24.30	24.70
		1	13	24.38	24.21	24.29	24.26	24.24	24.70
		1	24	24.33	24.28	24.31	24.26	24.23	24.70
		12	0	23.46	23.38	23.39	23.38	23.44	23.70
		12	6	23.52	23.39	23.43	23.41	23.49	23.70
		12	13	23.43	23.30	23.34	23.32	23.31	23.70
		25	0	23.46	23.29	23.39	23.35	23.42	23.70
	64QAM	1	0	23.23	23.26	23.28	23.29	23.18	23.70
		1	13	23.05	22.98	23.11	23.05	23.12	23.70
		1	24	23.30	23.19	23.23	23.18	23.18	23.70
		12	0	22.58	22.48	22.49	22.42	22.45	22.70

		12	6	22.40	22.38	22.42	22.37	22.35	22.70
		12	13	22.39	22.34	22.38	22.27	22.36	22.70
		25	0	22.42	22.34	22.39	22.41	22.30	22.70
	256QAM	1	0	20.26	20.16	20.26	20.17	20.31	20.70
		1	13	20.25	20.15	20.18	20.10	20.21	20.70
		1	24	20.41	20.33	20.35	20.32	20.48	20.70
		12	0	20.25	20.10	20.17	20.12	20.18	20.70
		12	6	19.99	19.93	20.03	19.96	19.95	20.70
		12	13	20.10	19.96	20.03	19.92	20.04	20.70
		25	0	20.22	20.11	20.21	20.12	20.17	20.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39700	40160	40620	41080	41540	
10MHz	QPSK	1	0	25.33	25.34	25.35	25.31	25.36	25.70
		1	25	25.36	25.24	25.33	25.31	25.37	25.70
		1	49	25.35	25.33	25.38	25.32	25.42	25.70
		25	0	24.27	24.27	24.32	24.29	24.34	24.70
		25	13	24.35	24.28	24.37	24.29	24.29	24.70
		25	25	24.36	24.27	24.31	24.32	24.24	24.70
		50	0	24.39	24.29	24.33	24.28	24.35	24.70
	16QAM	1	0	24.38	24.26	24.25	24.25	24.31	24.70
		1	25	24.35	24.20	24.29	24.20	24.24	24.70
		1	49	24.34	24.31	24.28	24.31	24.26	24.70
		25	0	23.50	23.32	23.38	23.33	23.38	23.70
		25	13	23.49	23.41	23.48	23.41	23.50	23.70
		25	25	23.43	23.35	23.38	23.28	23.28	23.70
		50	0	23.46	23.36	23.37	23.36	23.34	23.70
	64QAM	1	0	23.32	23.20	23.23	23.23	23.15	23.70
		1	25	23.03	23.06	23.16	23.02	23.12	23.70
		1	49	23.32	23.20	23.26	23.18	23.22	23.70
		25	0	22.54	22.47	22.44	22.43	22.50	22.70
		25	13	22.43	22.39	22.46	22.42	22.34	22.70
		25	25	22.43	22.27	22.34	22.34	22.38	22.70
		50	0	22.35	22.37	22.45	22.41	22.31	22.70
	256QAM	1	0	20.21	20.15	20.29	20.21	20.31	20.70
		1	25	20.31	20.13	20.19	20.18	20.20	20.70
		1	49	20.42	20.34	20.36	20.38	20.42	20.70
		25	0	20.23	20.09	20.14	20.08	20.18	20.70
		25	13	19.98	19.94	20.00	19.92	19.97	20.70
		25	25	20.10	19.92	19.96	19.97	20.06	20.70
		50	0	20.21	20.17	20.21	20.15	20.19	20.70

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39725	40173	40620	41068	41515	
15MHz	QPSK	1	0	25.36	25.28	25.35	25.28	25.43	25.70
		1	38	25.40	25.28	25.26	25.31	25.39	25.70
		1	74	25.34	25.33	25.36	25.34	25.41	25.70
		36	0	24.26	24.23	24.26	24.28	24.30	24.70
		36	18	24.34	24.36	24.33	24.29	24.32	24.70
		36	39	24.41	24.26	24.33	24.31	24.27	24.70
		75	0	24.43	24.30	24.32	24.35	24.36	24.70
	16QAM	1	0	24.37	24.25	24.25	24.31	24.25	24.70
		1	38	24.38	24.25	24.28	24.25	24.24	24.70
		1	74	24.34	24.31	24.25	24.31	24.25	24.70
		36	0	23.53	23.36	23.46	23.33	23.37	23.70
		36	18	23.46	23.42	23.49	23.36	23.52	23.70
		36	39	23.37	23.32	23.35	23.35	23.34	23.70
		75	0	23.39	23.35	23.43	23.33	23.36	23.70
	64QAM	1	0	23.31	23.26	23.28	23.29	23.22	23.70
		1	38	23.08	23.01	23.08	23.05	23.15	23.70
		1	74	23.26	23.12	23.23	23.16	23.21	23.70
		36	0	22.50	22.46	22.51	22.48	22.43	22.70
		36	18	22.41	22.41	22.45	22.35	22.37	22.70
		36	39	22.38	22.26	22.38	22.29	22.42	22.70
		75	0	22.34	22.32	22.42	22.33	22.33	22.70
	256QAM	1	0	20.19	20.16	20.23	20.23	20.25	20.70
		1	38	20.25	20.18	20.19	20.15	20.21	20.70
		1	74	20.45	20.33	20.36	20.35	20.44	20.70
		36	0	20.24	20.09	20.15	20.14	20.22	20.70
		36	18	20.01	19.98	20.00	19.96	19.92	20.70
		36	39	20.05	19.99	19.99	19.97	20.07	20.70
		75	0	20.21	20.11	20.23	20.12	20.24	20.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39750	40185	40620	41055	41490	
20MHz	QPSK	1	0	25.34	25.42	25.47	25.38	25.39	25.70
		1	50	25.29	25.21	25.32	25.33	25.36	25.70
		1	99	25.27	25.35	25.34	25.35	25.38	25.70
		50	0	24.31	24.26	24.43	24.28	24.35	24.70
		50	25	24.21	24.32	24.32	24.34	24.32	24.70
		50	50	24.21	24.29	24.32	24.29	24.25	24.70
		100	0	24.28	24.33	24.37	24.35	24.32	24.70
	16QAM	1	0	24.41	24.30	24.26	24.32	24.24	24.70

		1	50	24.40	24.25	24.25	24.25	24.23	24.70
		1	99	24.37	24.27	24.30	24.26	24.26	24.70
		50	0	23.51	23.34	23.38	23.37	23.44	23.70
		50	25	23.50	23.38	23.43	23.43	23.50	23.70
		50	50	23.37	23.31	23.30	23.28	23.32	23.70
		100	0	23.40	23.34	23.38	23.35	23.41	23.70
	64QAM	1	0	23.27	23.27	23.26	23.26	23.17	23.70
		1	50	23.06	23.00	23.14	23.07	23.10	23.70
		1	99	23.26	23.18	23.22	23.21	23.18	23.70
		50	0	22.49	22.44	22.47	22.43	22.47	22.70
		50	25	22.35	22.43	22.41	22.38	22.33	22.70
		50	50	22.37	22.28	22.41	22.32	22.35	22.70
	256QAM	100	0	22.39	22.37	22.42	22.38	22.33	22.70
		1	0	20.27	20.16	20.24	20.17	20.30	20.70
		1	50	20.25	20.09	20.23	20.13	20.16	20.70
		1	99	20.44	20.37	20.34	20.32	20.47	20.70
		50	0	20.22	20.09	20.21	20.08	20.21	20.70
		50	25	20.01	19.96	20.01	19.97	19.99	20.70
		50	50	20.10	19.92	20.01	19.98	20.05	20.70
	100	0	20.27	20.09	20.18	20.11	20.21	20.70	

LTE Band 41(2496~2690) DSI1 DSI5				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	18.29	18.31	18.34	18.31	18.26	18.70
		1	13	18.28	18.18	18.27	18.18	18.26	18.70
		1	24	18.21	18.20	18.26	18.14	18.24	18.70
		12	0	18.29	18.31	18.31	18.27	18.26	18.70
		12	6	18.23	18.16	18.26	18.18	18.25	18.70
		12	13	18.24	18.20	18.29	18.21	18.22	18.70
		25	0	18.24	18.27	18.17	18.23	18.30	18.70
	16QAM	1	0	18.26	18.24	18.20	18.28	18.22	18.70
		1	13	18.26	18.16	18.22	18.14	18.26	18.70
		1	24	18.16	18.21	18.22	18.25	18.28	18.70
		12	0	18.23	18.29	18.14	18.23	18.22	18.70
		12	6	18.18	18.21	18.19	18.15	18.24	18.70
		12	13	18.22	18.26	18.22	18.27	18.20	18.70
		25	0	18.25	18.22	18.23	18.27	18.28	18.70

	64QAM	1	0	18.16	18.22	18.19	18.27	18.27	18.70
		1	13	18.20	18.23	18.16	18.17	18.20	18.70
		1	24	18.25	18.19	18.21	18.21	18.22	18.70
		12	0	18.22	18.22	18.25	18.19	18.20	18.70
		12	6	18.29	18.19	18.25	18.25	18.30	18.70
		12	13	18.21	18.21	18.24	18.24	18.28	18.70
	25	0	18.28	18.21	18.24	18.20	18.19	18.70	
	256QAM	1	0	18.24	18.19	18.24	18.23	18.20	18.70
		1	13	18.29	18.25	18.27	18.25	18.21	18.70
		1	24	18.22	18.18	18.29	18.20	18.24	18.70
		12	0	18.24	18.23	18.23	18.20	18.18	18.70
		12	6	18.26	18.16	18.24	18.19	18.20	18.70
12		13	18.23	18.19	18.24	18.17	18.26	18.70	
25	0	18.17	18.19	18.24	18.20	18.24	18.70		
<b>Bandwidth</b>	<b>Modulation</b>	<b>RB size</b>	<b>RB offset</b>	<b>Channel</b>	<b>Channel</b>	<b>Channel</b>	<b>Channel</b>	<b>Channel</b>	<b>Tune up</b>
				39700	40160	40620	41080	41540	
<b>10MHz</b>	QPSK	1	0	18.33	18.29	18.32	18.34	18.26	18.70
		1	25	18.27	18.24	18.27	18.21	18.27	18.70
		1	49	18.25	18.16	18.26	18.16	18.25	18.70
		25	0	18.28	18.26	18.30	18.31	18.30	18.70
		25	13	18.27	18.21	18.20	18.15	18.30	18.70
		25	25	18.28	18.23	18.26	18.25	18.25	18.70
		50	0	18.25	18.30	18.25	18.31	18.29	18.70
	16QAM	1	0	18.21	18.26	18.22	18.20	18.22	18.70
		1	25	18.22	18.14	18.22	18.18	18.24	18.70
		1	49	18.20	18.20	18.20	18.22	18.22	18.70
		25	0	18.18	18.24	18.14	18.29	18.27	18.70
		25	13	18.20	18.22	18.16	18.23	18.22	18.70
		25	25	18.19	18.29	18.19	18.28	18.17	18.70
		50	0	18.25	18.28	18.19	18.27	18.28	18.70
	64QAM	1	0	18.20	18.20	18.19	18.28	18.24	18.70
		1	25	18.22	18.18	18.17	18.16	18.20	18.70
		1	49	18.17	18.16	18.24	18.21	18.24	18.70
		25	0	18.22	18.25	18.24	18.21	18.22	18.70
		25	13	18.32	18.18	18.26	18.23	18.26	18.70
		25	25	18.27	18.20	18.28	18.18	18.25	18.70
		50	0	18.20	18.19	18.23	18.23	18.22	18.70
	256QAM	1	0	18.26	18.24	18.27	18.23	18.24	18.70
		1	25	18.26	18.24	18.25	18.24	18.23	18.70
		1	49	18.23	18.17	18.27	18.18	18.23	18.70

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39725	40173	40620	41068	41515	
15MHz	QPSK	25	0	18.24	18.24	18.23	18.22	18.21	18.70
		25	13	18.23	18.16	18.24	18.20	18.19	18.70
		25	25	18.29	18.16	18.26	18.14	18.21	18.70
		50	0	18.21	18.22	18.17	18.21	18.27	18.70
		1	0	18.32	18.33	18.27	18.34	18.26	18.70
		1	38	18.22	18.25	18.29	18.19	18.28	18.70
		1	74	18.24	18.17	18.28	18.16	18.18	18.70
	16QAM	36	0	18.29	18.28	18.25	18.31	18.24	18.70
		36	18	18.27	18.16	18.26	18.22	18.24	18.70
		36	39	18.26	18.25	18.23	18.22	18.18	18.70
		75	0	18.23	18.27	18.22	18.25	18.23	18.70
		1	0	18.25	18.22	18.23	18.22	18.19	18.70
		1	38	18.22	18.19	18.22	18.19	18.23	18.70
		1	74	18.15	18.24	18.14	18.18	18.30	18.70
	64QAM	36	0	18.20	18.22	18.15	18.28	18.29	18.70
		36	18	18.18	18.21	18.19	18.23	18.24	18.70
		36	39	18.21	18.23	18.23	18.21	18.16	18.70
		75	0	18.16	18.23	18.17	18.28	18.23	18.70
		1	0	18.22	18.26	18.23	18.24	18.30	18.70
		1	38	18.17	18.19	18.21	18.21	18.20	18.70
		1	74	18.17	18.17	18.17	18.16	18.25	18.70
	256QAM	36	0	18.21	18.22	18.29	18.18	18.22	18.70
		36	18	18.29	18.18	18.25	18.25	18.25	18.70
		36	39	18.21	18.17	18.26	18.25	18.27	18.70
		75	0	18.27	18.18	18.25	18.20	18.19	18.70
		1	0	18.23	18.18	18.22	18.24	18.21	18.70
		1	38	18.30	18.25	18.24	18.24	18.20	18.70
		1	74	18.24	18.24	18.28	18.18	18.20	18.70
20MHz	QPSK	36	0	18.25	18.21	18.20	18.22	18.20	18.70
		36	18	18.21	18.22	18.22	18.23	18.17	18.70
36		39	18.26	18.18	18.29	18.21	18.24	18.70	
75		0	18.15	18.25	18.22	18.20	18.30	18.70	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39750	40185	40620	41055	41490	
20MHz	QPSK	1	0	18.32	18.35	18.43	18.36	18.32	18.70
		1	50	18.25	18.20	18.21	18.18	18.26	18.70
		1	99	18.28	18.22	18.29	18.18	18.21	18.70
		50	0	18.32	18.31	18.36	18.30	18.26	18.70

		50	25	18.26	18.13	18.25	18.17	18.24	18.70
		50	50	18.28	18.21	18.29	18.25	18.24	18.70
		100	0	18.24	18.30	18.38	18.28	18.29	18.70
	16QAM	1	0	18.25	18.22	18.25	18.20	18.17	18.70
		1	50	18.21	18.17	18.27	18.19	18.21	18.70
		1	99	18.22	18.21	18.18	18.19	18.27	18.70
		50	0	18.18	18.24	18.19	18.22	18.31	18.70
		50	25	18.19	18.20	18.18	18.20	18.21	18.70
		50	50	18.22	18.24	18.25	18.27	18.23	18.70
		100	0	18.17	18.24	18.24	18.28	18.27	18.70
		100	0	18.17	18.24	18.24	18.28	18.27	18.70
	64QAM	1	0	18.24	18.27	18.25	18.20	18.30	18.70
		1	50	18.23	18.18	18.20	18.19	18.21	18.70
		1	99	18.23	18.22	18.24	18.19	18.27	18.70
		50	0	18.22	18.24	18.25	18.17	18.19	18.70
		50	25	18.30	18.18	18.23	18.19	18.26	18.70
		50	50	18.20	18.19	18.21	18.17	18.29	18.70
		100	0	18.24	18.24	18.28	18.25	18.16	18.70
	256QAM	1	0	18.19	18.26	18.20	18.22	18.24	18.70
		1	50	18.25	18.28	18.27	18.20	18.21	18.70
		1	99	18.26	18.18	18.26	18.19	18.19	18.70
		50	0	18.25	18.16	18.26	18.23	18.17	18.70
		50	25	18.19	18.19	18.24	18.22	18.22	18.70
		50	50	18.22	18.17	18.23	18.23	18.23	18.70
100		0	18.24	18.27	18.23	18.26	18.30	18.70	

LTE Band 41(2496~2690) DSI3				Conducted Power(dBm)					
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39675	40148	40620	41093	41565	
5MHz	QPSK	1	0	21.23	21.33	21.20	21.42	21.37	21.70
		1	13	21.26	21.41	21.17	21.41	21.37	21.70
		1	24	21.18	21.36	21.19	21.42	21.31	21.70
		12	0	21.22	21.41	21.22	21.42	21.37	21.70
		12	6	21.17	21.39	21.18	21.35	21.37	21.70
		12	13	21.22	21.36	21.19	21.40	21.40	21.70
		25	0	21.20	21.34	21.25	21.36	21.40	21.70
	16QAM	1	0	21.25	21.36	21.21	21.34	21.34	21.70
		1	13	21.18	21.38	21.24	21.39	21.37	21.70
		1	24	21.25	21.40	21.22	21.39	21.31	21.70
		12	0	21.25	21.38	21.21	21.41	21.34	21.70

		12	6	21.25	21.37	21.23	21.38	21.38	21.70
		12	13	21.17	21.41	21.17	21.40	21.40	21.70
		25	0	21.19	21.37	21.17	21.39	21.40	21.70
	64QAM	1	0	21.25	21.38	21.26	21.33	21.37	21.70
		1	13	21.24	21.38	21.24	21.33	21.35	21.70
		1	24	21.20	21.39	21.20	21.38	21.33	21.70
		12	0	21.47	21.52	21.47	21.52	21.43	21.70
		12	6	21.42	21.38	21.44	21.42	21.36	21.70
		12	13	21.31	21.41	21.33	21.41	21.33	21.70
		25	0	21.39	21.42	21.37	21.40	21.36	21.70
	256QAM	1	0	20.14	20.23	20.15	20.21	20.15	20.70
		1	13	20.09	20.21	20.09	20.25	20.16	20.70
		1	24	20.34	20.31	20.41	20.37	20.37	20.70
		12	0	20.12	20.20	20.11	20.21	20.11	20.70
12		6	19.95	20.05	19.93	20.01	19.94	20.70	
12		13	19.96	20.02	19.96	20.05	19.96	20.70	
25		0	20.08	20.14	20.06	20.15	20.12	20.70	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39700	40160	40620	41080	41540	
10MHz	QPSK	1	0	21.25	21.36	21.19	21.36	21.33	21.70
		1	25	21.24	21.35	21.23	21.42	21.36	21.70
		1	49	21.24	21.34	21.18	21.38	21.39	21.70
		25	0	21.20	21.39	21.23	21.37	21.34	21.70
		25	13	21.25	21.39	21.19	21.36	21.35	21.70
		25	25	21.18	21.33	21.22	21.39	21.36	21.70
		50	0	21.25	21.39	21.17	21.40	21.31	21.70
	16QAM	1	0	21.23	21.36	21.18	21.37	21.34	21.70
		1	25	21.26	21.39	21.24	21.33	21.36	21.70
		1	49	21.21	21.42	21.22	21.40	21.40	21.70
		25	0	21.19	21.42	21.23	21.39	21.39	21.70
		25	13	21.22	21.39	21.18	21.40	21.34	21.70
		25	25	21.19	21.38	21.24	21.41	21.31	21.70
		50	0	21.17	21.38	21.25	21.37	21.38	21.70
	64QAM	1	0	21.17	21.37	21.25	21.36	21.38	21.70
		1	25	21.25	21.41	21.25	21.39	21.34	21.70
		1	49	21.19	21.39	21.24	21.40	21.39	21.70
		25	0	21.46	21.47	21.42	21.47	21.43	21.70
		25	13	21.46	21.40	21.40	21.46	21.42	21.70
		25	25	21.27	21.38	21.25	21.44	21.29	21.70
		50	0	21.37	21.46	21.35	21.45	21.36	21.70



		1	0	20.18	20.22	20.16	20.27	20.15	20.70
		1	25	20.13	20.24	20.13	20.22	20.12	20.70
		1	49	20.35	20.30	20.36	20.32	20.31	20.70
	256QAM	25	0	20.10	20.21	20.06	20.18	20.12	20.70
		25	13	19.96	20.04	19.99	20.05	19.93	20.70
		25	25	19.92	20.01	19.90	19.99	19.95	20.70
		50	0	20.12	20.15	20.09	20.19	20.15	20.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39725	40173	40620	41068	41515	
15MHz	QPSK	1	0	21.22	21.38	21.24	21.38	21.39	21.70
		1	38	21.18	21.39	21.19	21.41	21.34	21.70
		1	74	21.17	21.35	21.18	21.36	21.36	21.70
		36	0	21.23	21.39	21.25	21.35	21.32	21.70
		36	18	21.18	21.37	21.19	21.37	21.32	21.70
		36	39	21.17	21.38	21.20	21.38	21.40	21.70
		75	0	21.22	21.35	21.24	21.38	21.31	21.70
	16QAM	1	0	21.18	21.40	21.19	21.41	21.37	21.70
		1	38	21.25	21.40	21.21	21.34	21.34	21.70
		1	74	21.23	21.40	21.19	21.34	21.32	21.70
		36	0	21.25	21.41	21.22	21.35	21.32	21.70
		36	18	21.24	21.34	21.26	21.40	21.31	21.70
		36	39	21.19	21.38	21.23	21.42	21.33	21.70
		75	0	21.24	21.42	21.20	21.35	21.32	21.70
	64QAM	1	0	21.24	21.41	21.21	21.42	21.32	21.70
		1	38	21.21	21.35	21.19	21.36	21.34	21.70
		1	74	21.19	21.34	21.21	21.35	21.39	21.70
		36	0	21.48	21.47	21.44	21.52	21.40	21.70
		36	18	21.40	21.45	21.41	21.37	21.35	21.70
		36	39	21.30	21.44	21.29	21.42	21.35	21.70
		75	0	21.40	21.45	21.33	21.41	21.38	21.70
	256QAM	1	0	20.19	20.24	20.12	20.24	20.21	20.70
		1	38	20.12	20.28	20.06	20.24	20.12	20.70
		1	74	20.35	20.33	20.35	20.32	20.37	20.70
		36	0	20.12	20.19	20.14	20.22	20.08	20.70
		36	18	19.95	19.98	19.95	20.05	19.96	20.70
		36	39	19.93	19.98	19.92	19.99	20.02	20.70
		75	0	20.12	20.19	20.13	20.16	20.12	20.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39750	40185	40620	41055	41490	
20MHz	QPSK	1	0	21.25	21.45	21.49	21.47	21.38	21.70



## 6 Conducted Power of Main Antenna(Ant5)

### 6.1 Conducted Power of GSM

GSM 1900 Full Power										
		Burst Output Power(dBm)				Division Factors	Frame-Average Output Power(dBm)			
Channel		512	661	810	Tune up		512	661	810	Tune up
GSM(GMSK)	GSM	30.17	30.17	30.17	31.00	-9.19	20.98	20.98	20.98	21.81
GPRS (GMSK)	1 TX Slot	30.16	30.18	30.13	31.00	-9.19	20.97	20.99	20.94	21.81
	2 TX Slots	27.06	27.07	27.09	28.00	-6.18	20.88	20.89	20.91	21.82
	3 TX Slots	25.75	25.75	25.74	26.20	-4.42	21.33	21.33	21.32	21.78
	4 TX Slots	23.49	23.54	23.51	25.00	-3.17	20.32	20.37	20.34	21.83
EGPRS (GMSK)	1 TX Slot	30.14	30.16	30.14	31.00	-9.19	20.95	20.97	20.95	21.81
	2 TX Slots	27.04	27.11	27.11	28.00	-6.18	20.86	20.93	20.93	21.82
	3 TX Slots	25.69	25.62	25.69	26.20	-4.42	21.27	21.20	21.27	21.78
	4 TX Slots	23.51	23.53	23.59	25.00	-3.17	20.34	20.36	20.42	21.83
EGPRS (8PSK)	1 TX Slot	25.81	25.77	25.84	27.00	-9.19	16.62	16.58	16.65	17.81
	2 TX Slots	23.03	23.02	23.01	24.00	-6.18	16.85	16.84	16.83	17.82
	3 TX Slots	21.13	21.09	21.16	22.20	-4.42	16.71	16.67	16.74	17.78
	4 TX Slots	19.63	19.63	19.64	21.00	-3.17	16.46	16.46	16.47	17.83

### 6.2 Conducted Power of WCDMA

WCDMA Band II Full Power					
Average Conducted Power(dBm)					
Channel		9262	9400	9538	Tune up
WCDMA	12.2kbps RMC	24.30	24.33	24.29	25.00
	12.2kbps AMR	24.17	24.24	24.19	25.00
HSDPA	Subtest 1	23.34	23.38	23.38	24.00
	Subtest 2	23.41	23.39	23.36	24.00
	Subtest 3	22.89	22.82	22.89	23.50
	Subtest 4	22.85	22.81	22.92	23.50
HSUPA	Subtest 1	21.76	21.72	21.71	22.50
	Subtest 2	21.33	21.20	21.39	22.00
	Subtest 3	22.28	22.28	22.38	23.00
	Subtest 4	21.28	21.15	21.33	22.00

	Subtest 5	22.31	22.29	22.22	23.00
DC-HSDPA	Subtest 1	23.41	23.33	23.34	24.00
	Subtest 2	23.47	23.29	23.30	24.00
	Subtest 3	22.76	22.84	22.84	23.50
	Subtest 4	22.83	22.82	22.86	23.50
HSPA+	16QAM	21.24	21.16	21.28	22.00

WCDMA Band II DS13 DS15					
Average Conducted Power(dBm)					
Channel		9262	9400	9538	Tune up
WCDMA	12.2kbps RMC	21.32	21.38	21.30	22.00
	12.2kbps AMR	21.18	21.25	21.22	22.00
HSDPA	Subtest 1	20.36	20.37	20.43	21.00
	Subtest 2	20.37	20.43	20.37	21.00
	Subtest 3	19.93	19.84	19.90	20.50
	Subtest 4	19.87	19.78	19.93	20.50
HSUPA	Subtest 1	18.78	18.76	18.73	19.50
	Subtest 2	18.32	18.17	18.43	19.00
	Subtest 3	19.31	19.30	19.37	20.00
	Subtest 4	18.26	18.15	18.30	19.00
	Subtest 5	19.28	19.28	19.21	20.00
DC-HSDPA	Subtest 1	20.40	20.33	20.36	21.00
	Subtest 2	20.49	20.30	20.28	21.00
	Subtest 3	19.72	19.80	19.87	20.50
	Subtest 4	19.79	19.83	19.90	20.50
HSPA+	16QAM	18.26	18.17	18.32	19.00

WCDMA Band IV Full Power					
Average Conducted Power(dBm)					
Channel		1312	1412	1513	Tune up
WCDMA	12.2kbps RMC	24.22	24.27	24.26	25.00
	12.2kbps AMR	24.07	24.19	24.07	25.00
HSDPA	Subtest 1	23.26	23.29	23.25	24.00
	Subtest 2	23.27	23.27	23.31	24.00
	Subtest 3	22.81	22.69	22.77	23.50
	Subtest 4	22.81	22.72	22.78	23.50
HSUPA	Subtest 1	21.74	21.65	21.59	22.50
	Subtest 2	21.21	21.06	21.28	22.00
	Subtest 3	22.17	22.18	22.30	23.00

	Subtest 4	21.19	21.07	21.25	22.00
	Subtest 5	22.21	22.25	22.21	23.00
DC-HSDPA	Subtest 1	23.29	23.21	23.24	24.00
	Subtest 2	23.31	23.24	23.24	24.00
	Subtest 3	22.62	22.78	22.72	23.50
	Subtest 4	22.73	22.72	22.79	23.50
HSPA+	16QAM	21.17	21.08	21.22	22.00

WCDMA Band IV DS13 DS15					
Average Conducted Power(dBm)					
Channel		1312	1412	1513	Tune up
WCDMA	12.2kbps RMC	21.72	21.78	21.77	22.50
	12.2kbps AMR	21.57	21.70	21.53	22.50
HSDPA	Subtest 1	20.78	20.80	20.75	21.50
	Subtest 2	20.77	20.78	20.81	21.50
	Subtest 3	20.28	20.19	20.30	21.00
	Subtest 4	20.35	20.19	20.29	21.00
HSUPA	Subtest 1	19.22	19.16	19.07	20.00
	Subtest 2	18.68	18.52	18.79	19.50
	Subtest 3	19.70	19.69	19.81	20.50
	Subtest 4	18.66	18.61	18.72	19.50
	Subtest 5	19.67	19.73	19.73	20.50
DC-HSDPA	Subtest 1	20.83	20.74	20.70	21.50
	Subtest 2	20.80	20.70	20.74	21.50
	Subtest 3	20.17	20.33	20.25	21.00
	Subtest 4	20.23	20.21	20.28	21.00
HSPA+	16QAM	18.65	18.63	18.73	19.50

### 6.3 Conducted Power of LTE

LTE Band 2 Full Power				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18607	18900	19193	
1.4MHz	QPSK	1	0	25.24	25.23	25.29	25.50
		1	2	25.26	25.15	25.26	25.50
		1	5	25.3	25.25	25.27	25.50
		3	0	25.29	25.18	25.25	25.50
		3	2	25.29	25.17	25.27	25.50
		3	3	25.29	25.17	25.31	25.50
		6	0	24.28	24.23	24.25	24.50

	16QAM	1	0	24.27	24.21	24.13	24.50	
		1	2	24.31	24.2	24.2	24.50	
		1	5	24.27	24.18	24.18	24.50	
		3	0	24.32	24.21	24.26	24.50	
		3	2	24.28	24.21	24.26	24.50	
		3	3	24.28	24.23	24.26	24.50	
		6	0	23.35	23.31	23.3	23.50	
	64QAM	1	0	23.15	23.11	23.11	23.50	
		1	2	22.97	23.02	23.06	23.50	
		1	5	23.14	23.12	23.11	23.50	
		3	0	22.93	23.01	23.04	23.50	
		3	2	22.96	22.99	23.03	23.50	
		3	3	22.98	22.97	23.01	23.50	
	256QAM	6	0	22.29	22.31	22.22	22.50	
		1	0	20.08	20.18	20.19	20.50	
		1	2	20.17	20.07	20.06	20.50	
		1	5	20.38	20.27	20.34	20.50	
		3	0	20.09	20.09	20.08	20.50	
		3	2	19.85	19.86	19.83	20.50	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					18615	18900	19185	
3MHz	QPSK	1	0	25.22	25.26	25.34	25.50	
		1	7	25.31	25.20	25.30	25.50	
		1	14	25.23	25.27	25.32	25.50	
		8	0	24.15	24.19	24.22	24.50	
		8	4	24.18	24.21	24.18	24.50	
		8	7	24.25	24.23	24.15	24.50	
		15	0	24.28	24.29	24.25	24.50	
	16QAM	1	0	24.29	24.18	24.14	24.50	
		1	7	24.29	24.16	24.21	24.50	
		1	14	24.31	24.21	24.13	24.50	
		8	0	23.39	23.37	23.34	23.50	
		8	4	23.37	23.40	23.40	23.50	
		8	7	23.30	23.27	23.19	23.50	
		15	0	23.34	23.34	23.25	23.50	
	64QAM	1	0	23.20	23.17	23.05	23.50	
		1	7	22.92	23.03	23.01	23.50	
		1	14	23.21	23.18	23.08	23.50	

		8	0	22.47	22.36	22.39	22.50	
		8	4	22.28	22.36	22.21	22.50	
		8	7	22.29	22.29	22.31	22.50	
		15	0	22.28	22.35	22.19	22.50	
	256QAM	1	0	20.13	20.18	20.18	20.50	
		1	7	20.21	20.09	20.06	20.50	
		1	14	20.35	20.29	20.29	20.50	
		8	0	20.16	20.04	20.13	20.50	
		8	4	19.88	19.90	19.91	20.50	
		8	7	20.00	19.93	20.00	20.50	
		15	0	20.12	20.05	20.08	20.50	
		<b>Bandwidth</b>	<b>Modulation</b>	<b>RB size</b>	<b>RB offset</b>	<b>Channel</b>	<b>Channel</b>	<b>Channel</b>
	18625					18900	19175	
<b>5MHz</b>	QPSK	1	0	25.26	25.22	25.27	25.50	
		1	13	25.23	25.18	25.26	25.50	
		1	24	25.25	25.28	25.26	25.50	
		12	0	24.16	24.15	24.25	24.50	
		12	6	24.23	24.21	24.19	24.50	
		12	13	24.29	24.15	24.18	24.50	
		25	0	24.32	24.20	24.23	24.50	
	16QAM	1	0	24.31	24.19	24.19	24.50	
		1	13	24.28	24.18	24.18	24.50	
		1	24	24.32	24.21	24.22	24.50	
		12	0	23.39	23.32	23.31	23.50	
		12	6	23.43	23.37	23.41	23.50	
		12	13	23.33	23.23	23.19	23.50	
		25	0	23.30	23.31	23.26	23.50	
	64QAM	1	0	23.18	23.14	23.11	23.50	
		1	13	23.00	23.04	23.02	23.50	
		1	24	23.22	23.14	23.04	23.50	
		12	0	22.40	22.42	22.38	22.50	
		12	6	22.26	22.37	22.21	22.50	
		12	13	22.34	22.27	22.27	22.50	
		25	0	22.27	22.35	22.22	22.50	
	256QAM	1	0	20.11	20.16	20.15	20.50	
		1	13	20.20	20.08	20.07	20.50	
		1	24	20.39	20.25	20.36	20.50	
		12	0	20.12	20.11	20.12	20.50	
		12	6	19.90	19.87	19.85	20.50	
		12	13	19.94	19.93	19.98	20.50	

Bandwidth	Modulation	25	0	20.12	20.05	20.15	20.50	
		RB size	RB offset	Channel	Channel	Channel	Tune up	
				18650	18900	19150		
10MHz	QPSK	1	0	25.26	25.30	25.32	25.50	
		1	25	25.24	25.23	25.30	25.50	
		1	49	25.23	25.30	25.27	25.50	
		25	0	24.18	24.19	24.28	24.50	
		25	13	24.23	24.25	24.16	24.50	
		25	25	24.28	24.16	24.17	24.50	
		50	0	24.29	24.23	24.22	24.50	
	16QAM	1	0	24.24	24.16	24.20	24.50	
		1	25	24.31	24.20	24.14	24.50	
		1	49	24.25	24.16	24.16	24.50	
		25	0	23.43	23.35	23.34	23.50	
		25	13	23.41	23.36	23.39	23.50	
		25	25	23.28	23.21	23.24	23.50	
		50	0	23.31	23.29	23.25	23.50	
	64QAM	1	0	23.18	23.19	23.13	23.50	
		1	25	22.95	23.06	23.06	23.50	
		1	49	23.18	23.18	23.09	23.50	
		25	0	22.47	22.35	22.40	22.50	
		25	13	22.30	22.30	22.21	22.50	
		25	25	22.33	22.25	22.24	22.50	
		50	0	22.28	22.31	22.23	22.50	
	256QAM	1	0	20.09	20.18	20.22	20.50	
		1	25	20.22	20.10	20.10	20.50	
		1	49	20.34	20.30	20.37	20.50	
		25	0	20.15	20.08	20.15	20.50	
		25	13	19.90	19.89	19.83	20.50	
		25	25	19.94	19.88	19.91	20.50	
		50	0	20.10	20.13	20.07	20.50	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
	15MHz	QPSK			18675	18900	19125	
1			0	25.24	25.31	25.33	25.50	
1			38	25.24	25.19	25.27	25.50	
1			74	25.31	25.30	25.30	25.50	
36			0	24.17	24.17	24.24	24.50	
36			18	24.23	24.24	24.21	24.50	
36			39	24.29	24.20	24.14	24.50	
75			0	24.32	24.22	24.23	24.50	



	16QAM	1	0	24.31	24.17	24.16	24.50
		1	38	24.25	24.17	24.19	24.50
		1	74	24.31	24.18	24.18	24.50
		36	0	23.42	23.31	23.28	23.50
		36	18	23.39	23.39	23.47	23.50
		36	39	23.33	23.27	23.20	23.50
		75	0	23.35	23.29	23.27	23.50
	64QAM	1	0	23.22	23.11	23.04	23.50
		1	38	22.92	22.97	23.05	23.50
		1	74	23.14	23.13	23.05	23.50
		36	0	22.47	22.39	22.40	22.50
		36	18	22.26	22.32	22.22	22.50
		36	39	22.29	22.26	22.30	22.50
		75	0	22.31	22.30	22.18	22.50
	256QAM	1	0	20.13	20.12	20.16	20.50
		1	38	20.22	20.08	20.10	20.50
		1	74	20.32	20.29	20.36	20.50
		36	0	20.16	20.11	20.08	20.50
		36	18	19.85	19.90	19.86	20.50
		36	39	20.01	19.90	19.94	20.50
		75	0	20.08	20.08	20.10	20.50
<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>
				18700	18900	19100	
<b>20MHz</b>	QPSK	1	0	25.29	25.38	25.35	25.50
		1	50	25.26	25.23	25.28	25.50
		1	99	25.20	25.23	25.32	25.50
		50	0	24.29	24.32	24.24	24.50
		50	25	24.24	24.24	24.18	24.50
		50	50	24.28	24.19	24.21	24.50
		100	0	24.33	24.38	24.24	24.50
	16QAM	1	0	24.26	24.14	24.15	24.50
		1	50	24.26	24.15	24.22	24.50
		1	99	24.23	24.14	24.19	24.50
		50	0	23.39	23.28	23.32	23.50
		50	25	23.37	23.42	23.45	23.50
		50	50	23.33	23.19	23.22	23.50
		100	0	23.32	23.28	23.28	23.50
	64QAM	1	0	23.18	23.10	23.08	23.50
		1	50	22.93	22.99	23.04	23.50
		1	99	23.17	23.16	23.04	23.50

		50	0	22.43	22.39	22.32	22.50
		50	25	22.25	22.29	22.21	22.50
		50	50	22.34	22.27	22.30	22.50
		100	0	22.25	22.35	22.19	22.50
	256QAM	1	0	20.13	20.15	20.16	20.50
		1	50	20.22	20.07	20.08	20.50
		1	99	20.37	20.30	20.35	20.50
		50	0	20.13	20.08	20.12	20.50
		50	25	19.87	19.89	19.86	20.50
		50	50	19.94	19.91	19.97	20.50
		100	0	20.15	20.06	20.14	20.50

LTE Band 2 DSI3 DSI5				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18607	18900	19193	
1.4MHz	QPSK	1	0	22.77	22.77	22.74	23.00
		1	2	22.69	22.79	22.77	23.00
		1	5	22.71	22.78	22.77	23.00
		3	0	22.72	22.84	22.78	23.00
		3	2	22.7	22.83	22.73	23.00
		3	3	22.73	22.82	22.76	23.00
		6	0	22.78	22.84	22.72	23.00
	16QAM	1	0	22.73	22.78	22.79	23.00
		1	2	22.72	22.77	22.77	23.00
		1	5	22.74	22.77	22.74	23.00
		3	0	22.71	22.8	22.76	23.00
		3	2	22.73	22.82	22.75	23.00
		3	3	22.77	22.79	22.75	23.00
		6	0	22.77	22.79	22.75	23.00
	64QAM	1	0	22.70	22.79	22.74	23.00
		1	2	22.73	22.83	22.79	23.00
		1	5	22.74	22.82	22.73	23.00
		3	0	22.34	22.28	22.27	23.00
		3	2	22.13	22.19	22.12	23.00
		3	3	22.21	22.18	22.17	23.00
		6	0	22.18	22.21	22.10	22.50
	256QAM	1	0	20.04	20.03	20.07	20.50
		1	2	20.11	19.95	20.00	20.50
		1	5	20.30	20.24	20.26	20.50

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18615	18900	19185	
3MHz	QPSK	3	0	20.05	19.97	20.06	20.50
		3	2	19.78	19.77	19.81	20.50
		3	3	19.88	19.83	19.83	20.50
		6	0	20.03	19.97	20.05	20.50
		1	0	22.75	22.81	22.72	23.00
		1	7	22.73	22.76	22.79	23.00
		1	14	22.75	22.84	22.74	23.00
	16QAM	8	0	22.77	22.79	22.75	23.00
		8	4	22.74	22.76	22.79	23.00
		8	7	22.75	22.83	22.72	23.00
		15	0	22.78	22.83	22.80	23.00
		1	0	22.73	22.79	22.78	23.00
		1	7	22.76	22.83	22.76	23.00
		1	14	22.69	22.82	22.73	23.00
	64QAM	8	0	22.70	22.76	22.78	23.00
		8	4	22.77	22.78	22.72	23.00
		8	7	22.75	22.83	22.80	23.00
		15	0	22.75	22.81	22.79	23.00
		1	0	22.74	22.84	22.75	23.00
		1	7	22.70	22.78	22.77	23.00
		1	14	22.74	22.80	22.80	23.00
	256QAM	8	0	22.31	22.26	22.19	22.50
		8	4	22.15	22.21	22.07	22.50
		8	7	22.28	22.14	22.19	22.50
		15	0	22.13	22.25	22.09	22.50
		1	0	20.03	20.04	20.02	20.50
		1	7	20.17	19.94	19.95	20.50
		1	14	20.30	20.23	20.29	20.50
5MHz	QPSK	8	0	20.01	20.01	20.05	20.50
		8	4	19.77	19.80	19.73	20.50
8		7	19.82	19.84	19.86	20.50	
15		0	20.10	19.94	20.00	20.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18625	18900	19175	
5MHz	QPSK	1	0	22.77	22.83	22.76	23.00
		1	13	22.77	22.78	22.74	23.00
		1	24	22.75	22.82	22.76	23.00
		12	0	22.73	22.84	22.80	23.00

		12	6	22.70	22.80	22.73	23.00
		12	13	22.70	22.85	22.79	23.00
		25	0	22.72	22.83	22.73	23.00
	16QAM	1	0	22.73	22.78	22.80	23.00
		1	13	22.75	22.80	22.77	23.00
		1	24	22.71	22.79	22.80	23.00
		12	0	22.70	22.80	22.80	23.00
		12	6	22.77	22.81	22.75	23.00
		12	13	22.74	22.85	22.79	23.00
		25	0	22.72	22.81	22.74	23.00
		64QAM	1	0	22.74	22.84	22.76
	1		13	22.72	22.83	22.79	23.00
	1		24	22.76	22.80	22.74	23.00
	12		0	22.29	22.32	22.18	22.50
	12		6	22.19	22.17	22.14	22.50
	12		13	22.21	22.18	22.22	22.50
	25		0	22.16	22.26	22.11	22.50
	256QAM	1	0	20.05	20.10	20.08	20.50
		1	13	20.10	20.00	19.99	20.50
		1	24	20.27	20.20	20.24	20.50
		12	0	20.07	20.01	20.02	20.50
12		6	19.77	19.79	19.79	20.50	
12		13	19.81	19.82	19.90	20.50	
25		0	20.03	19.95	20.06	20.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18650	18900	19150	
10MHz	QPSK	1	0	22.76	22.83	22.75	23.00
		1	25	22.77	22.78	22.74	23.00
		1	49	22.73	22.81	22.77	23.00
		25	0	22.78	22.78	22.75	23.00
		25	13	22.71	22.82	22.76	23.00
		25	25	22.70	22.80	22.80	23.00
		50	0	22.73	22.80	22.78	23.00
	16QAM	1	0	22.73	22.85	22.76	23.00
		1	25	22.75	22.79	22.77	23.00
		1	49	22.75	22.81	22.79	23.00
		25	0	22.76	22.82	22.80	23.00
		25	13	22.69	22.77	22.74	23.00
		25	25	22.71	22.78	22.79	23.00
		50	0	22.77	22.77	22.72	23.00

	64QAM	1	0	22.72	22.78	22.78	23.00
		1	25	22.73	22.81	22.78	23.00
		1	49	22.70	22.78	22.78	23.00
		25	0	22.36	22.31	22.26	22.50
		25	13	22.17	22.23	22.08	22.50
		25	25	22.20	22.14	22.18	22.50
		50	0	22.13	22.27	22.10	22.50
	256QAM	1	0	20.07	20.09	20.06	20.50
		1	25	20.10	20.01	19.97	20.50
		1	49	20.26	20.20	20.29	20.50
		25	0	20.01	19.99	20.01	20.50
		25	13	19.78	19.78	19.74	20.50
		25	25	19.88	19.80	19.91	20.50
		50	0	20.07	19.95	20.01	20.50
<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>
				18675	18900	19125	
<b>15MHz</b>	QPSK	1	0	22.76	22.80	22.79	23.00
		1	38	22.73	22.78	22.73	23.00
		1	74	22.74	22.77	22.74	23.00
		36	0	22.72	22.83	22.74	23.00
		36	18	22.72	22.84	22.75	23.00
		36	39	22.70	22.85	22.73	23.00
		75	0	22.76	22.83	22.74	23.00
	16QAM	1	0	22.75	22.79	22.73	23.00
		1	38	22.70	22.81	22.75	23.00
		1	74	22.71	22.82	22.80	23.00
		36	0	22.72	22.84	22.72	23.00
		36	18	22.70	22.79	22.77	23.00
		36	39	22.75	22.83	22.74	23.00
		75	0	22.72	22.77	22.80	23.00
	64QAM	1	0	22.77	22.79	22.75	23.00
		1	38	22.71	22.80	22.73	23.00
		1	74	22.71	22.82	22.78	23.00
		36	0	22.33	22.30	22.21	22.50
		36	18	22.12	22.21	22.10	22.50
		36	39	22.23	22.16	22.23	22.50
		75	0	22.11	22.23	22.10	22.50
	256QAM	1	0	20.00	20.03	20.05	20.50
		1	38	20.17	19.99	20.03	20.50
		1	74	20.28	20.21	20.26	20.50

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				18700	18900	19100		
20MHz	QPSK	36	0	20.05	19.95	20.00	20.50	
		36	18	19.78	19.76	19.73	20.50	
		36	39	19.84	19.83	19.89	20.50	
		75	0	20.08	19.97	20.08	20.50	
	16QAM	16QAM	1	0	22.83	22.93	22.86	23.00
			1	50	22.75	22.77	22.74	23.00
			1	99	22.70	22.83	22.81	23.00
			50	0	22.81	22.86	22.82	23.00
			50	25	22.78	22.82	22.73	23.00
			50	50	22.77	22.80	22.80	23.00
			100	0	22.69	22.79	22.76	23.00
	64QAM	64QAM	1	0	22.73	22.80	22.75	23.00
			1	50	22.73	22.83	22.79	23.00
			1	99	22.70	22.85	22.74	23.00
			50	0	22.73	22.82	22.79	23.00
			50	25	22.76	22.83	22.75	23.00
			50	50	22.73	22.84	22.74	23.00
			100	0	22.72	22.82	22.73	23.00
	256QAM	256QAM	1	0	22.73	22.82	22.73	23.00
			1	50	22.76	22.83	22.78	23.00
			1	99	22.72	22.77	22.73	23.00
			50	0	22.31	22.26	22.18	22.50
			50	25	22.16	22.20	22.12	22.50
			50	50	22.29	22.21	22.16	22.50
			100	0	22.19	22.24	22.14	22.50
	256QAM	256QAM	1	0	20.00	20.01	20.07	20.50
			1	50	20.11	19.96	20.03	20.50
			1	99	20.27	20.16	20.27	20.50
			50	0	20.06	19.97	20.04	20.50
			50	25	19.76	19.78	19.80	20.50
			50	50	19.85	19.82	19.87	20.50
			100	0	20.03	19.99	20.03	20.50

LTE Band 4 Full Power				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19957	20175	20393	
1.4MHz	QPSK	1	0	25.05	24.98	25.02	25.70

		1	2	25.04	24.91	25.00	25.70
		1	5	24.97	25.06	25.02	25.70
		3	0	25.04	25.04	25.06	25.70
		3	2	25.01	25.07	25.10	25.70
		3	3	24.97	25.00	25.03	25.70
		6	0	24.01	23.96	23.94	24.70
	16QAM	1	0	23.98	23.95	23.93	24.70
		1	2	24.04	23.92	23.92	24.70
		1	5	24.01	23.94	23.89	24.70
		3	0	24.01	23.98	24.02	24.70
		3	2	24.01	23.97	23.97	24.70
		3	3	24.07	23.96	23.97	24.70
	64QAM	6	0	23.08	23.06	23.06	23.70
		1	0	22.95	22.86	22.83	23.70
		1	2	22.73	22.80	22.82	23.70
		1	5	22.95	22.90	22.84	23.70
		3	0	23.14	23.09	23.09	23.70
		3	2	23.11	23.07	23.07	23.70
	256QAM	3	3	23.16	23.08	23.07	23.70
		6	0	22.05	22.06	21.96	22.70
		1	0	19.85	19.95	19.89	20.70
		1	2	19.93	19.85	19.84	20.70
		1	5	20.06	20.05	20.10	20.70
		3	0	19.89	19.84	19.83	20.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19965	20175	20385	
3MHz	QPSK	3	3	19.70	19.63	19.71	20.70
		6	0	19.92	19.84	19.84	20.70
		1	0	25.00	25.00	25.07	25.70
		1	7	25.02	24.92	25.06	25.70
		1	14	24.99	24.99	25.10	25.70
		8	0	23.95	23.94	24.01	24.70
		8	4	23.93	23.95	23.99	24.70
	16QAM	8	7	24.04	23.92	23.95	24.70
		15	0	24.02	24.00	23.94	24.70
		1	0	23.99	23.91	23.88	24.70
		1	7	24.05	23.93	23.93	24.70
		1	14	24.05	23.92	23.90	24.70
		8	0	23.12	23.05	23.08	23.70

		8	4	23.12	23.15	23.20	23.70
		8	7	23.09	22.95	22.94	23.70
		15	0	23.10	23.06	23.00	23.70
	64QAM	1	0	22.93	22.94	22.84	23.70
		1	7	22.74	22.74	22.82	23.70
		1	14	22.89	22.88	22.87	23.70
		8	0	22.16	22.18	22.10	22.70
		8	4	22.07	22.08	21.94	22.70
		8	7	22.06	22.02	22.03	22.70
		15	0	22.01	22.04	22.00	22.70
		256QAM	1	0	19.84	19.88	19.92
	1		7	19.95	19.85	19.82	20.70
	1		14	20.05	20.01	20.11	20.70
	8		0	19.87	19.87	19.90	20.70
	8		4	19.61	19.68	19.57	20.70
8	7		19.76	19.65	19.67	20.70	
15	0		19.86	19.79	19.84	20.70	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19975	20175	20375	
5MHz	QPSK	1	0	24.99	24.99	25.04	25.70
		1	13	24.99	24.96	25.03	25.70
		1	24	25.03	24.99	25.04	25.70
		12	0	23.94	23.89	24.03	24.70
		12	6	23.96	24.01	23.96	24.70
		12	13	24.05	23.92	23.92	24.70
		25	0	24.05	23.96	23.99	24.70
	16QAM	1	0	24.02	23.90	23.89	24.70
		1	13	24.03	23.92	23.94	24.70
		1	24	24.00	23.91	23.93	24.70
		12	0	23.13	23.03	23.09	23.70
		12	6	23.17	23.11	23.20	23.70
		12	13	23.07	22.96	23.00	23.70
		25	0	23.07	23.03	23.07	23.70
	64QAM	1	0	22.89	22.86	22.83	23.70
		1	13	22.72	22.77	22.79	23.70
		1	24	22.91	22.88	22.84	23.70
		12	0	22.15	22.17	22.09	22.70
		12	6	22.01	22.06	22.02	22.70
		12	13	22.08	22.03	22.05	22.70
		25	0	22.05	22.06	21.99	22.70



		1	0	19.92	19.92	19.93	20.70
		1	13	19.97	19.88	19.87	20.70
		1	24	20.09	20.02	20.07	20.70
	256QAM	12	0	19.86	19.86	19.88	20.70
		12	6	19.65	19.69	19.59	20.70
		12	13	19.71	19.61	19.67	20.70
		25	0	19.85	19.81	19.86	20.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20000	20175	20350	
10MHz	QPSK	1	0	25.06	24.99	25.10	25.70
		1	25	24.99	24.95	25.05	25.70
		1	49	24.99	25.03	25.05	25.70
		25	0	23.92	23.91	23.97	24.70
		25	13	23.94	24.01	23.97	24.70
		25	25	24.00	23.90	23.95	24.70
		50	0	24.00	24.04	23.98	24.70
	16QAM	1	0	24.00	23.93	23.94	24.70
		1	25	24.04	23.92	23.93	24.70
		1	49	24.02	23.89	23.92	24.70
		25	0	23.15	23.05	23.09	23.70
		25	13	23.13	23.12	23.21	23.70
		25	25	23.04	23.00	22.99	23.70
		50	0	23.10	23.04	23.00	23.70
	64QAM	1	0	22.94	22.85	22.84	23.70
		1	25	22.74	22.77	22.82	23.70
		1	49	22.91	22.91	22.82	23.70
		25	0	22.18	22.10	22.14	22.70
		25	13	22.04	22.13	21.94	22.70
		25	25	22.03	22.01	22.04	22.70
		50	0	22.07	22.05	22.01	22.70
	256QAM	1	0	19.92	19.94	19.95	20.70
		1	25	19.91	19.83	19.86	20.70
		1	49	20.08	20.05	20.06	20.70
		25	0	19.83	19.86	19.82	20.70
		25	13	19.65	19.68	19.62	20.70
		25	25	19.71	19.62	19.74	20.70
		50	0	19.86	19.83	19.89	20.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20025	20175	20325	
15MHz	QPSK	1	0	25.00	24.98	25.08	25.70

		1	38	24.99	24.90	25.04	25.70	
		1	74	25.06	25.06	25.07	25.70	
		36	0	23.93	23.90	24.01	24.70	
		36	18	23.96	23.99	23.99	24.70	
		36	39	24.05	23.95	23.96	24.70	
		75	0	24.07	24.03	24.02	24.70	
	16QAM	1	0	23.98	23.93	23.95	24.70	
		1	38	24.05	23.92	23.89	24.70	
		1	74	24.04	23.89	23.92	24.70	
		36	0	23.14	23.07	23.09	23.70	
		36	18	23.14	23.15	23.15	23.70	
		36	39	23.08	22.96	23.00	23.70	
	64QAM	75	0	23.04	23.08	23.06	23.70	
		1	0	22.89	22.90	22.80	23.70	
		1	38	22.68	22.75	22.82	23.70	
		1	74	22.93	22.90	22.85	23.70	
		36	0	22.15	22.16	22.10	22.70	
		36	18	22.02	22.06	22.00	22.70	
	256QAM	36	39	22.09	22.03	22.07	22.70	
		75	0	22.05	22.04	22.00	22.70	
		1	0	19.90	19.92	19.91	20.70	
		1	38	19.91	19.89	19.84	20.70	
		1	74	20.12	20.07	20.07	20.70	
		36	0	19.92	19.84	19.82	20.70	
	<b>Bandwidth</b>	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					20050	20175	20300	
	<b>20MHz</b>	QPSK	1	0	25.02	25.19	25.06	25.70
			1	50	24.97	24.91	25.06	25.70
1			99	25.06	25.01	25.08	25.70	
50			0	23.94	23.92	23.96	24.70	
50			25	23.94	23.95	23.92	24.70	
50			50	23.99	23.89	23.93	24.70	
100			0	24.02	24.00	24.00	24.70	
16QAM		1	0	24.04	23.96	23.92	24.70	
		1	50	24.05	23.90	23.90	24.70	
		1	99	24.05	23.93	23.95	24.70	
		50	0	23.10	23.09	23.02	23.70	

		50	25	23.15	23.15	23.16	23.70	
		50	50	23.10	23.01	22.94	23.70	
		100	0	23.07	23.05	23.05	23.70	
	64QAM		1	0	22.96	22.93	22.81	23.70
			1	50	22.74	22.76	22.83	23.70
			1	99	22.97	22.90	22.84	23.70
			50	0	22.20	22.12	22.09	22.70
			50	25	22.01	22.05	22.02	22.70
			50	50	22.03	22.01	22.04	22.70
			100	0	22.08	22.09	21.98	22.70
	256QAM		1	0	19.92	19.87	19.94	20.70
			1	50	19.95	19.84	19.90	20.70
			1	99	20.05	20.00	20.09	20.70
			50	0	19.88	19.86	19.84	20.70
			50	25	19.62	19.63	19.60	20.70
			50	50	19.75	19.67	19.72	20.70
100			0	19.89	19.81	19.88	20.70	

LTE Band 4 DSI3 DSI5				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19957	20175	20393	
1.4MHz	QPSK	1	0	20.97	20.81	20.95	21.70
		1	2	20.94	20.84	20.98	21.70
		1	5	20.96	20.81	21.00	21.70
		3	0	20.95	20.81	21.02	21.70
		3	2	20.93	20.82	20.98	21.70
		3	3	20.98	20.89	21.02	21.70
		6	0	20.93	20.89	20.97	21.70
	16QAM	1	0	20.93	20.84	20.99	21.70
		1	2	20.91	20.88	20.95	21.70
		1	5	20.90	20.88	21.01	21.70
		3	0	20.96	20.83	20.98	21.70
		3	2	20.97	20.84	20.99	21.70
		3	3	20.96	20.88	20.97	21.70
		6	0	20.95	20.81	20.99	21.70
	64QAM	1	0	20.91	20.86	21.01	21.70
		1	2	20.94	20.85	21.01	21.70
		1	5	20.97	20.87	21.01	21.70
		3	0	20.95	20.89	20.98	21.70

		3	2	20.99	20.82	21.02	21.70
		3	3	20.92	20.87	20.98	21.70
		6	0	20.91	20.86	20.95	21.70
	256QAM	1	0	19.89	19.96	19.89	20.70
		1	2	19.95	19.89	19.82	20.70
		1	5	20.13	20.07	20.06	20.70
		3	0	19.94	19.86	19.84	20.70
		3	2	19.63	19.67	19.55	20.70
		3	3	19.74	19.68	19.74	20.70
		6	0	19.89	19.87	19.90	20.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19965	20175	20385	
3MHz	QPSK	1	0	20.98	20.83	21.01	21.70
		1	7	20.94	20.86	21.03	21.70
		1	14	20.93	20.84	21.03	21.70
		8	0	20.96	20.81	20.95	21.70
		8	4	20.95	20.84	21.01	21.70
		8	7	20.94	20.88	21.00	21.70
		15	0	20.91	20.81	21.04	21.70
	16QAM	1	0	20.98	20.86	21.00	21.70
		1	7	20.95	20.82	20.96	21.70
		1	14	20.93	20.83	20.99	21.70
		8	0	20.90	20.82	20.99	21.70
		8	4	20.96	20.88	20.96	21.70
		8	7	20.94	20.87	20.97	21.70
		15	0	20.98	20.84	21.01	21.70
	64QAM	1	0	20.97	20.89	20.99	21.70
		1	7	20.98	20.83	21.02	21.70
		1	14	20.99	20.81	21.02	21.70
		8	0	20.93	20.83	20.98	21.70
		8	4	20.92	20.90	21.02	21.70
		8	7	20.97	20.89	21.02	21.70
		15	0	20.91	20.86	20.99	21.70
	256QAM	1	0	19.88	19.90	19.91	20.70
		1	7	19.94	19.93	19.80	20.70
		1	14	20.13	20.09	20.09	20.70
		8	0	19.95	19.80	19.87	20.70
		8	4	19.66	19.68	19.56	20.70
		8	7	19.76	19.68	19.75	20.70
		15	0	19.87	19.82	19.83	20.70

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19975	20175	20375	
5MHz	QPSK	1	0	20.98	20.84	21.03	21.70
		1	13	20.95	20.89	20.96	21.70
		1	24	20.95	20.89	21.03	21.70
		12	0	20.95	20.82	21.02	21.70
		12	6	20.94	20.87	21.02	21.70
		12	13	20.94	20.85	20.99	21.70
		25	0	20.93	20.88	20.99	21.70
	16QAM	1	0	20.91	20.83	20.98	21.70
		1	13	20.91	20.90	20.96	21.70
		1	24	20.95	20.87	20.95	21.70
		12	0	20.93	20.88	21.04	21.70
		12	6	20.95	20.89	20.99	21.70
		12	13	20.94	20.86	21.01	21.70
		25	0	20.90	20.87	20.96	21.70
	64QAM	1	0	20.94	20.82	20.98	21.70
		1	13	20.97	20.87	21.02	21.70
		1	24	20.97	20.82	21.00	21.70
		12	0	20.92	20.90	20.96	21.70
		12	6	20.92	20.86	20.95	21.70
		12	13	20.96	20.90	21.02	21.70
		25	0	20.96	20.88	20.99	21.70
	256QAM	1	0	19.93	19.93	19.89	20.70
		1	13	19.88	19.86	19.84	20.70
		1	24	20.13	20.06	20.12	20.70
		12	0	19.94	19.86	19.78	20.70
		12	6	19.70	19.64	19.57	20.70
		12	13	19.80	19.63	19.71	20.70
		25	0	19.87	19.82	19.83	20.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
10MHz	QPSK			20000	20175	20350	
		1	0	20.94	20.87	21.02	21.70
		1	25	20.98	20.86	20.95	21.70
		1	49	20.92	20.86	21.02	21.70
		25	0	20.99	20.87	20.99	21.70
		25	13	20.93	20.85	20.95	21.70
		25	25	20.94	20.86	20.98	21.70
		50	0	20.97	20.82	21.04	21.70
	16QAM	1	0	20.98	20.87	21.00	21.70

		1	25	20.92	20.87	20.96	21.70	
		1	49	20.95	20.89	20.96	21.70	
		25	0	20.92	20.85	20.98	21.70	
		25	13	20.93	20.88	20.96	21.70	
		25	25	20.93	20.86	20.99	21.70	
		50	0	20.90	20.88	21.03	21.70	
	64QAM	1	0	20.99	20.88	20.96	21.70	
		1	25	20.98	20.82	20.97	21.70	
		1	49	20.98	20.86	21.00	21.70	
		25	0	20.96	20.83	21.01	21.70	
		25	13	20.95	20.82	21.03	21.70	
		25	25	20.98	20.81	20.96	21.70	
	256QAM	50	0	20.91	20.84	21.03	21.70	
		1	0	19.89	19.89	19.96	20.70	
		1	25	19.91	19.87	19.80	20.70	
		1	49	20.09	20.04	20.08	20.70	
		25	0	19.91	19.81	19.82	20.70	
		25	13	19.70	19.67	19.62	20.70	
		25	25	19.80	19.69	19.72	20.70	
		50	0	19.88	19.85	19.83	20.70	
		Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
20025						20175	20325	
15MHz		QPSK	1	0	20.94	20.88	21.03	21.70
			1	38	20.96	20.88	20.98	21.70
	1		74	20.94	20.90	21.03	21.70	
	36		0	20.92	20.84	21.02	21.70	
	36		18	20.91	20.89	21.00	21.70	
	36		39	20.90	20.87	20.96	21.70	
	75		0	20.94	20.88	21.00	21.70	
	16QAM	1	0	20.92	20.88	21.04	21.70	
		1	38	20.97	20.86	21.04	21.70	
		1	74	20.93	20.86	21.02	21.70	
		36	0	20.91	20.83	20.98	21.70	
		36	18	20.93	20.90	21.00	21.70	
		36	39	20.97	20.90	20.99	21.70	
		75	0	20.94	20.86	20.99	21.70	
	64QAM	1	0	20.95	20.86	20.95	21.70	
		1	38	20.95	20.88	21.02	21.70	
		1	74	20.97	20.84	20.97	21.70	
		36	0	20.96	20.87	20.97	21.70	

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				20050	20175	20300		
20MHz	256QAM	36	18	20.96	20.84	21.01	21.70	
		36	39	20.94	20.88	21.03	21.70	
		75	0	20.94	20.87	20.97	21.70	
		1	0	19.92	19.95	19.90	20.70	
		1	38	19.87	19.90	19.82	20.70	
		1	74	20.09	20.11	20.07	20.70	
		36	0	19.91	19.88	19.83	20.70	
		36	18	19.65	19.64	19.61	20.70	
		36	39	19.74	19.67	19.74	20.70	
	75	0	19.85	19.79	19.87	20.70		
	20MHz	QPSK	1	0	21.08	21.13	21.10	21.70
			1	50	20.97	20.81	20.96	21.70
			1	99	20.96	20.88	20.99	21.70
			50	0	20.97	21.08	21.07	21.70
			50	25	20.92	20.89	21.03	21.70
			50	50	20.94	20.84	21.00	21.70
			100	0	20.90	21.03	20.97	21.70
		16QAM	1	0	20.98	20.81	21.03	21.70
			1	50	20.92	20.82	21.03	21.70
			1	99	20.91	20.89	21.00	21.70
			50	0	20.97	20.85	21.03	21.70
			50	25	20.91	20.85	20.97	21.70
			50	50	20.93	20.88	21.02	21.70
			100	0	20.94	20.83	20.98	21.70
		64QAM	1	0	20.95	20.85	21.03	21.70
			1	50	20.92	20.81	20.97	21.70
			1	99	20.97	20.85	20.98	21.70
			50	0	20.93	20.87	21.00	21.70
50			25	20.96	20.84	20.98	21.70	
50			50	20.91	20.81	21.00	21.70	
100			0	20.93	20.85	21.01	21.70	
256QAM		1	0	19.87	19.93	19.95	20.70	
		1	50	19.91	19.91	19.81	20.70	
		1	99	20.16	20.03	20.03	20.70	
		50	0	19.93	19.85	19.85	20.70	
		50	25	19.68	19.70	19.59	20.70	
		50	50	19.78	19.63	19.68	20.70	
		100	0	19.93	19.80	19.84	20.70	

LTE Band 4 Full Power For ENDC				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19957	20175	20393	
1.4MHz	QPSK	1	0	23.73	23.68	23.60	25.00
		1	2	23.67	23.52	23.67	25.00
		1	5	23.60	23.67	23.60	25.00
		3	0	23.74	23.73	23.66	25.00
		3	2	23.68	23.71	23.68	25.00
		3	3	23.60	23.59	23.64	25.00
		6	0	22.57	22.60	22.63	24.00
	16QAM	1	0	22.61	22.52	22.62	24.00
		1	2	22.62	22.61	22.60	24.00
		1	5	22.70	22.60	22.55	24.00
		3	0	22.67	22.57	22.60	24.00
		3	2	22.63	22.55	22.65	24.00
		3	3	22.70	22.61	22.65	24.00
		6	0	21.67	21.74	21.73	23.00
	64QAM	1	0	21.51	21.47	21.46	23.00
		1	2	21.31	21.38	21.51	23.00
		1	5	21.57	21.49	21.48	23.00
		3	0	21.77	21.69	21.76	23.00
		3	2	21.74	21.74	21.66	23.00
		3	3	21.72	21.74	21.64	23.00
		6	0	20.61	20.71	20.61	22.00
	256QAM	1	0	18.43	18.54	18.52	20.00
		1	2	18.61	18.49	18.48	20.00
		1	5	18.65	18.71	18.76	20.00
		3	0	18.54	18.42	18.52	20.00
		3	2	18.19	18.23	18.22	20.00
		3	3	18.28	18.20	18.33	20.00
		6	0	18.52	18.50	18.47	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
3MHz	QPSK	1	0	19965	20175	20385	25.00
		1	7	23.56	23.62	23.73	25.00
		1	14	23.71	23.62	23.74	25.00
		1	14	23.66	23.61	23.78	25.00
		8	0	22.55	22.62	22.58	24.00
		8	4	22.54	22.59	22.68	24.00



		8	7	22.73	22.59	22.61	24.00
		15	0	22.68	22.70	22.52	24.00
	16QAM	1	0	22.59	22.46	22.47	24.00
		1	7	22.72	22.62	22.61	24.00
		1	14	22.63	22.58	22.50	24.00
		8	0	21.81	21.60	21.68	23.00
		8	4	21.78	21.82	21.87	23.00
		8	7	21.79	21.55	21.57	23.00
		15	0	21.66	21.74	21.68	23.00
		64QAM	1	0	21.48	21.51	21.45
	1		7	21.38	21.41	21.51	23.00
	1		14	21.46	21.56	21.50	23.00
	8		0	20.83	20.87	20.74	22.00
	8		4	20.64	20.73	20.53	22.00
	8		7	20.75	20.61	20.72	22.00
	15		0	20.61	20.67	20.60	22.00
	256QAM		1	0	18.50	18.47	18.62
		1	7	18.50	18.53	18.40	20.00
		1	14	18.69	18.60	18.78	20.00
		8	0	18.50	18.53	18.57	20.00
		8	4	18.27	18.24	18.21	20.00
		8	7	18.37	18.32	18.27	20.00
		15	0	18.53	18.39	18.40	20.00
		<b>Bandwidth</b>	<b>Modulation</b>	<b>RB size</b>	<b>RB offset</b>	<b>Channel</b>	<b>Channel</b>
				19975	20175	20375	
<b>5MHz</b>	QPSK	1	0	23.64	23.55	23.70	25.00
		1	13	23.65	23.49	23.70	25.00
		1	24	23.57	23.63	23.70	25.00
		12	0	22.55	22.62	22.69	24.00
		12	6	22.58	22.60	22.56	24.00
		12	13	22.61	22.54	22.55	24.00
		25	0	22.67	22.58	22.59	24.00
		16QAM	1	0	22.63	22.53	22.57
	1		13	22.69	22.53	22.59	24.00
	1		24	22.74	22.50	22.51	24.00
	12		0	21.73	21.69	21.74	23.00
	12		6	21.76	21.74	21.79	23.00
	12		13	21.73	21.57	21.50	23.00
	25		0	21.69	21.75	21.66	23.00
	64QAM		1	0	21.60	21.63	21.52

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20000	20175	20350	
		1	13	21.43	21.32	21.44	23.00
		1	24	21.44	21.53	21.46	23.00
		12	0	20.75	20.87	20.71	22.00
		12	6	20.75	20.75	20.57	22.00
		12	13	20.65	20.61	20.62	22.00
		25	0	20.65	20.60	20.58	22.00
	256QAM	1	0	18.40	18.48	18.49	20.00
		1	13	18.60	18.47	18.44	20.00
		1	24	18.62	18.56	18.69	20.00
		12	0	18.54	18.48	18.46	20.00
		12	6	18.23	18.28	18.17	20.00
		12	13	18.40	18.26	18.32	20.00
		25	0	18.52	18.47	18.53	20.00
		10MHz	QPSK	1	0	23.61	23.61
1	25			23.61	23.61	23.73	25.00
1	49			23.67	23.64	23.69	25.00
25	0			22.61	22.60	22.57	24.00
25	13			22.53	22.60	22.66	24.00
25	25			22.63	22.57	22.60	24.00
50	0			22.71	22.68	22.63	24.00
16QAM	1		0	22.63	22.59	22.54	24.00
	1		25	22.61	22.49	22.61	24.00
	1		49	22.71	22.49	22.53	24.00
	25		0	21.71	21.62	21.74	23.00
	25		13	21.73	21.78	21.85	23.00
	25		25	21.72	21.60	21.60	23.00
	50		0	21.70	21.75	21.56	23.00
64QAM	1	0	21.52	21.51	21.41	23.00	
	1	25	21.40	21.40	21.46	23.00	
	1	49	21.55	21.58	21.49	23.00	
	25	0	20.84	20.78	20.70	22.00	
	25	13	20.72	20.76	20.59	22.00	
	25	25	20.73	20.61	20.64	22.00	
	50	0	20.69	20.68	20.67	22.00	
256QAM	1	0	18.51	18.52	18.59	20.00	
	1	25	18.63	18.45	18.44	20.00	
	1	49	18.61	18.60	18.75	20.00	
	25	0	18.55	18.44	18.47	20.00	

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				20025	20175	20325		
15MHz	QPSK	25	13	18.27	18.29	18.19	20.00	
		25	25	18.35	18.33	18.27	20.00	
		50	0	18.54	18.48	18.44	20.00	
		1	0	23.62	23.68	23.62	25.00	
		1	38	23.61	23.61	23.76	25.00	
		1	74	23.57	23.67	23.68	25.00	
		36	0	22.64	22.57	22.66	24.00	
	16QAM	36	18	22.63	22.50	22.61	24.00	
		36	39	22.60	22.60	22.52	24.00	
		75	0	22.66	22.68	22.58	24.00	
		1	0	22.63	22.51	22.53	24.00	
		1	38	22.61	22.60	22.61	24.00	
		1	74	22.65	22.50	22.53	24.00	
		36	0	21.71	21.63	21.70	23.00	
	64QAM	36	18	21.68	21.79	21.84	23.00	
		36	39	21.69	21.50	21.61	23.00	
		75	0	21.72	21.71	21.69	23.00	
		1	0	21.53	21.52	21.44	23.00	
		1	38	21.40	21.35	21.51	23.00	
		1	74	21.53	21.47	21.50	23.00	
		36	0	20.80	20.83	20.65	22.00	
	256QAM	36	18	20.72	20.70	20.55	22.00	
		36	39	20.71	20.60	20.65	22.00	
		75	0	20.65	20.59	20.60	22.00	
		1	0	18.43	18.46	18.47	20.00	
		1	38	18.61	18.44	18.48	20.00	
		1	74	18.69	18.62	18.74	20.00	
		36	0	18.44	18.50	18.47	20.00	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					20050	20175	20300	
20MHz	QPSK	1	0	23.58	23.81	23.76	25.00	
		1	50	23.67	23.50	23.68	25.00	
		1	99	23.64	23.62	23.66	25.00	
		50	0	22.63	22.58	22.60	24.00	
		50	25	22.53	22.59	22.65	24.00	

		50	50	22.62	22.49	22.59	24.00
		100	0	22.66	22.69	22.50	24.00
	16QAM	1	0	22.67	22.46	22.46	24.00
		1	50	22.65	22.49	22.48	24.00
		1	99	22.72	22.52	22.60	24.00
		50	0	21.79	21.63	21.66	23.00
		50	25	21.72	21.76	21.89	23.00
		50	50	21.64	21.56	21.56	23.00
		100	0	21.78	21.71	21.66	23.00
		64QAM	1	0	21.59	21.60	21.42
	1		50	21.35	21.40	21.39	23.00
	1		99	21.58	21.55	21.48	23.00
	50		0	20.75	20.85	20.74	22.00
	50		25	20.68	20.70	20.49	22.00
	50		50	20.65	20.63	20.63	22.00
	100		0	20.71	20.72	20.63	22.00
	256QAM	1	0	18.42	18.55	18.57	20.00
		1	50	18.50	18.47	18.41	20.00
		1	99	18.74	18.58	18.72	20.00
		50	0	18.54	18.55	18.57	20.00
		50	25	18.31	18.30	18.16	20.00
		50	50	18.33	18.25	18.27	20.00
		100	0	18.45	18.47	18.48	20.00

LTE Band 4 DSI3 DSI5 For ENDC				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19957	20175	20393	
1.4MHz	QPSK	1	0	19.93	20.09	20.00	21.00
		1	2	19.95	19.69	19.87	21.00
		1	5	19.82	19.81	19.87	21.00
		3	0	19.88	19.95	20.03	21.00
		3	2	19.81	19.88	19.95	21.00
		3	3	19.93	19.71	19.90	21.00
		6	0	19.89	19.90	19.92	21.00
	16QAM	1	0	19.89	19.67	19.88	21.00
		1	2	19.91	19.77	19.98	21.00
		1	5	19.85	19.75	19.88	21.00
		3	0	19.84	19.75	19.93	21.00
		3	2	19.77	19.81	19.90	21.00

		3	3	19.86	19.74	19.90	21.00
		6	0	19.94	19.81	19.84	21.00
		1	0	19.87	19.83	19.95	21.00
	64QAM	1	2	19.81	19.79	19.94	21.00
		1	5	19.96	19.80	19.86	21.00
		3	0	19.88	19.74	19.92	21.00
		3	2	19.82	19.74	19.97	21.00
		3	3	19.77	19.69	19.94	21.00
		6	0	19.89	19.75	19.96	21.00
	256QAM	1	0	18.77	18.78	18.92	20.00
		1	2	18.87	18.85	18.72	20.00
		1	5	19.12	19.00	18.98	20.00
		3	0	18.92	18.84	18.79	20.00
		3	2	18.57	18.69	18.47	20.00
		3	3	18.65	18.55	18.64	20.00
6		0	18.85	18.77	18.77	20.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19965	20175	20385	
3MHz	QPSK	1	0	20.00	19.99	20.09	21.00
		1	7	19.84	19.77	19.92	21.00
		1	14	19.96	19.77	19.92	21.00
		8	0	19.92	20.06	19.93	21.00
		8	4	19.91	19.75	19.94	21.00
		8	7	19.92	19.75	19.96	21.00
		15	0	19.86	19.98	19.95	21.00
	16QAM	1	0	19.91	19.80	19.89	21.00
		1	7	19.79	19.75	19.94	21.00
		1	14	19.86	19.88	19.97	21.00
		8	0	19.97	19.71	20.02	21.00
		8	4	19.84	19.76	19.94	21.00
		8	7	19.87	19.81	19.99	21.00
		15	0	19.86	19.68	19.95	21.00
	64QAM	1	0	19.94	19.81	19.91	21.00
		1	7	19.78	19.79	19.86	21.00
		1	14	19.89	19.78	19.88	21.00
		8	0	19.85	19.75	19.97	21.00
		8	4	19.89	19.80	19.97	21.00
		8	7	19.77	19.75	19.96	21.00
		15	0	19.89	19.75	19.97	21.00
	256QAM	1	0	18.85	18.88	18.83	20.00

		1	7	18.84	18.80	18.77	20.00
		1	14	19.07	18.90	18.98	20.00
		8	0	18.81	18.82	18.73	20.00
		8	4	18.62	18.68	18.57	20.00
		8	7	18.76	18.54	18.60	20.00
		15	0	18.89	18.74	18.80	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19975	20175	20375	
5MHz	QPSK	1	0	20.03	20.01	19.96	21.00
		1	13	19.95	19.71	19.87	21.00
		1	24	19.95	19.87	19.96	21.00
		12	0	19.93	19.99	19.99	21.00
		12	6	19.86	19.83	19.97	21.00
		12	13	19.80	19.70	19.91	21.00
		25	0	19.76	19.95	19.95	21.00
	16QAM	1	0	19.92	19.70	19.95	21.00
		1	13	19.90	19.72	19.89	21.00
		1	24	19.87	19.78	19.99	21.00
		12	0	19.83	19.84	19.99	21.00
		12	6	19.80	19.73	19.85	21.00
		12	13	19.87	19.77	19.98	21.00
		25	0	19.87	19.74	19.92	21.00
	64QAM	1	0	19.93	19.74	20.02	21.00
		1	13	19.81	19.67	19.86	21.00
		1	24	19.94	19.79	19.86	21.00
		12	0	19.80	19.83	19.88	21.00
		12	6	19.93	19.79	19.85	21.00
		12	13	19.85	19.76	19.99	21.00
		25	0	19.79	19.81	19.94	21.00
	256QAM	1	0	18.72	18.91	18.88	20.00
		1	13	18.78	18.81	18.75	20.00
		1	24	19.13	18.91	19.01	20.00
		12	0	18.89	18.74	18.74	20.00
		12	6	18.66	18.61	18.49	20.00
		12	13	18.67	18.52	18.56	20.00
		25	0	18.88	18.68	18.73	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20000	20175	20350	
10MHz	QPSK	1	0	19.97	20.00	19.95	21.00
		1	25	19.86	19.75	19.86	21.00

		1	49	19.90	19.85	19.98	21.00	
		25	0	19.92	20.01	20.04	21.00	
		25	13	19.81	19.79	19.92	21.00	
		25	25	19.88	19.80	19.94	21.00	
		50	0	19.84	20.02	19.82	21.00	
	16QAM	1	0	19.98	19.78	19.89	21.00	
		1	25	19.82	19.82	19.95	21.00	
		1	49	19.79	19.88	19.90	21.00	
		25	0	19.84	19.76	19.97	21.00	
		25	13	19.89	19.80	19.90	21.00	
		25	25	19.89	19.78	19.93	21.00	
	64QAM	50	0	19.89	19.79	19.97	21.00	
		1	0	19.85	19.79	19.96	21.00	
		1	25	19.91	19.80	19.83	21.00	
		1	49	19.90	19.75	19.93	21.00	
		25	0	19.92	19.77	19.95	21.00	
		25	13	19.93	19.82	19.91	21.00	
	256QAM	25	25	19.89	19.75	19.96	21.00	
		50	0	19.87	19.80	19.92	21.00	
		1	0	18.87	18.93	18.82	20.00	
		1	25	18.87	18.77	18.76	20.00	
		1	49	19.04	19.00	19.02	20.00	
		25	0	18.83	18.75	18.81	20.00	
	15MHz	QPSK	25	13	18.54	18.63	18.57	20.00
			25	25	18.65	18.59	18.54	20.00
			50	0	18.79	18.75	18.73	20.00
			1	0	20.03	20.12	20.02	21.00
			1	38	19.89	19.74	19.92	21.00
1			74	19.87	19.82	19.85	21.00	
36			0	19.86	20.07	20.03	21.00	
36		18	19.85	19.77	19.96	21.00		
16QAM	36	39	19.85	19.77	19.95	21.00		
	75	0	19.86	19.91	19.87	21.00		
	1	0	19.90	19.78	19.91	21.00		
	1	38	19.86	19.72	19.91	21.00		
	1	74	19.78	19.85	19.99	21.00		
		36	0	19.95	19.75	19.88	21.00	
		36	18	19.77	19.76	19.87	21.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				20025	20175	20325		

		36	39	19.90	19.87	20.00	21.00
		75	0	19.86	19.69	19.86	21.00
	64QAM	1	0	19.85	19.76	19.96	21.00
		1	38	19.79	19.74	19.89	21.00
		1	74	19.91	19.80	19.84	21.00
		36	0	19.92	19.83	19.91	21.00
		36	18	19.89	19.84	19.97	21.00
		36	39	19.77	19.80	19.89	21.00
		75	0	19.89	19.75	19.88	21.00
	256QAM	1	0	18.80	18.82	18.88	20.00
		1	38	18.82	18.81	18.78	20.00
		1	74	19.01	18.92	18.93	20.00
		36	0	18.88	18.73	18.76	20.00
		36	18	18.57	18.55	18.58	20.00
36		39	18.68	18.55	18.61	20.00	
75		0	18.93	18.66	18.80	20.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20050	20175	20300	
20MHz	QPSK	1	0	19.94	20.15	19.99	21.00
		1	50	19.92	19.78	19.86	21.00
		1	99	19.88	19.81	19.92	21.00
		50	0	19.84	20.11	19.99	21.00
		50	25	19.88	19.75	19.94	21.00
		50	50	19.87	19.73	19.89	21.00
		100	0	19.84	19.97	19.97	21.00
	16QAM	1	0	19.95	19.78	19.89	21.00
		1	50	19.84	19.80	19.88	21.00
		1	99	19.81	19.75	19.91	21.00
		50	0	19.91	19.84	19.88	21.00
		50	25	19.89	19.83	19.95	21.00
		50	50	19.82	19.82	19.91	21.00
		100	0	19.91	19.82	19.89	21.00
	64QAM	1	0	19.91	19.72	19.99	21.00
		1	50	19.79	19.80	19.92	21.00
		1	99	19.84	19.72	19.97	21.00
		50	0	19.78	19.87	19.86	21.00
		50	25	19.89	19.70	19.87	21.00
		50	50	19.87	19.71	19.97	21.00
		100	0	19.86	19.77	19.90	21.00
	256QAM	1	0	18.86	18.81	18.83	20.00



		1	50	18.79	18.81	18.75	20.00
		1	99	19.11	18.88	18.93	20.00
		50	0	18.79	18.84	18.84	20.00
		50	25	18.67	18.67	18.50	20.00
		50	50	18.70	18.52	18.55	20.00
		100	0	18.86	18.73	18.82	20.00

LTE Band 7 Full Power				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20775	21100	21425	
5MHz	QPSK	1	0	25.51	25.45	25.49	25.70
		1	13	25.47	25.40	25.49	25.70
		1	24	25.49	25.50	25.54	25.70
		12	0	24.39	24.42	24.47	24.70
		12	6	24.43	24.44	24.38	24.70
		12	13	24.46	24.40	24.40	24.70
		25	0	24.52	24.40	24.40	24.70
	16QAM	1	0	24.44	24.39	24.41	24.70
		1	13	24.51	24.38	24.35	24.70
		1	24	24.52	24.40	24.38	24.70
		12	0	23.62	23.56	23.50	23.70
		12	6	23.57	23.60	23.66	23.70
		12	13	23.48	23.47	23.42	23.70
		25	0	23.49	23.52	23.49	23.70
	64QAM	1	0	23.38	23.38	23.28	23.70
		1	13	23.14	23.19	23.27	23.70
		1	24	23.35	23.31	23.24	23.70
		12	0	22.61	22.56	22.56	22.70
		12	6	22.52	22.53	22.41	22.70
		12	13	22.48	22.43	22.45	22.70
		25	0	22.50	22.55	22.39	22.70
	256QAM	1	0	20.30	20.38	20.34	20.70
		1	13	20.42	20.35	20.29	20.70
		1	24	20.53	20.46	20.58	20.70
		12	0	20.37	20.32	20.27	20.70
		12	6	20.07	20.11	20.02	20.70
		12	13	20.16	20.09	20.14	20.70
		25	0	20.36	20.25	20.31	20.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up

				20800	21100	21400	
<b>10MHz</b>	QPSK	1	0	25.47	25.43	25.55	25.70
		1	25	25.50	25.36	25.54	25.70
		1	49	25.48	25.50	25.49	25.70
		25	0	24.38	24.36	24.45	24.70
		25	13	24.38	24.45	24.39	24.70
		25	25	24.51	24.39	24.35	24.70
		50	0	24.53	24.41	24.44	24.70
	16QAM	1	0	24.47	24.38	24.34	24.70
		1	25	24.50	24.41	24.41	24.70
		1	49	24.50	24.36	24.40	24.70
		25	0	23.55	23.49	23.54	23.70
		25	13	23.57	23.56	23.62	23.70
		25	25	23.52	23.44	23.43	23.70
		50	0	23.56	23.54	23.45	23.70
	64QAM	1	0	23.35	23.36	23.26	23.70
		1	25	23.16	23.22	23.27	23.70
		1	49	23.35	23.36	23.27	23.70
		25	0	22.64	22.60	22.55	22.70
		25	13	22.45	22.56	22.43	22.70
		25	25	22.46	22.51	22.52	22.70
		50	0	22.47	22.51	22.41	22.70
	256QAM	1	0	20.29	20.39	20.35	20.70
		1	25	20.40	20.28	20.34	20.70
		1	49	20.58	20.52	20.57	20.70
		25	0	20.31	20.25	20.34	20.70
		25	13	20.05	20.07	20.04	20.70
		25	25	20.19	20.06	20.15	20.70
		50	0	20.31	20.33	20.30	20.70
<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>
				20825	21100	21375	
<b>15MHz</b>	QPSK	1	0	25.45	25.47	25.52	25.70
		1	38	25.51	25.41	25.49	25.70
		1	74	25.43	25.45	25.52	25.70
		36	0	24.41	24.35	24.41	24.70
		36	18	24.46	24.40	24.38	24.70
		36	39	24.44	24.35	24.34	24.70
		75	0	24.47	24.44	24.41	24.70
	16QAM	1	0	24.50	24.38	24.39	24.70
		1	38	24.51	24.41	24.41	24.70

		1	74	24.49	24.38	24.40	24.70	
		36	0	23.59	23.50	23.52	23.70	
		36	18	23.56	23.61	23.61	23.70	
		36	39	23.48	23.44	23.45	23.70	
		75	0	23.53	23.46	23.46	23.70	
	64QAM	1	0	23.33	23.35	23.29	23.70	
		1	38	23.20	23.21	23.27	23.70	
		1	74	23.39	23.34	23.26	23.70	
		36	0	22.67	22.56	22.58	22.70	
		36	18	22.47	22.56	22.42	22.70	
		36	39	22.52	22.45	22.48	22.70	
	256QAM	75	0	22.45	22.52	22.39	22.70	
		1	0	20.31	20.40	20.39	20.70	
		1	38	20.40	20.31	20.30	20.70	
		1	74	20.59	20.47	20.50	20.70	
		36	0	20.31	20.25	20.33	20.70	
		36	18	20.10	20.07	20.10	20.70	
		36	39	20.18	20.08	20.14	20.70	
75		0	20.33	20.29	20.33	20.70		
Bandwidth		Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					20850	21100	21350	
20MHz		QPSK	1	0	25.45	25.57	25.49	25.70
			1	50	25.39	25.41	25.30	25.70
	1		99	25.44	25.43	25.39	25.70	
	50		0	24.44	24.48	24.40	24.70	
	50		25	24.39	24.42	24.32	24.70	
	50		50	24.30	24.39	24.36	24.70	
	100		0	24.45	24.46	24.43	24.70	
	16QAM	1	0	24.46	24.43	24.33	24.70	
		1	50	24.46	24.39	24.38	24.70	
		1	99	24.52	24.38	24.36	24.70	
		50	0	23.62	23.56	23.52	23.70	
		50	25	23.58	23.60	23.65	23.70	
		50	50	23.54	23.40	23.43	23.70	
		100	0	23.51	23.50	23.46	23.70	
	64QAM	1	0	23.39	23.37	23.29	23.70	
		1	50	23.21	23.25	23.22	23.70	
		1	99	23.33	23.36	23.30	23.70	
		50	0	22.59	22.63	22.61	22.70	
		50	25	22.46	22.50	22.47	22.70	

		50	50	22.52	22.43	22.44	22.70
		100	0	22.46	22.55	22.38	22.70
	256QAM	1	0	20.28	20.40	20.37	20.70
		1	50	20.38	20.35	20.26	20.70
		1	99	20.55	20.48	20.54	20.70
		50	0	20.34	20.33	20.35	20.70
		50	25	20.11	20.07	20.10	20.70
		50	50	20.13	20.11	20.15	20.70
		100	0	20.35	20.29	20.33	20.70

LTE Band 7 DSI3 DSI5				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20775	21100	21425	
5MHz	QPSK	1	0	19.84	20.04	19.90	20.20
		1	13	19.87	20.00	19.85	20.20
		1	24	19.86	19.99	19.88	20.20
		12	0	19.87	19.97	19.89	20.20
		12	6	19.82	19.98	19.94	20.20
		12	13	19.84	20.04	19.90	20.20
		25	0	19.85	20.02	19.93	20.20
	16QAM	1	0	19.88	20.00	19.87	20.20
		1	13	19.85	20.02	19.90	20.20
		1	24	19.88	20.02	19.90	20.20
		12	0	19.80	19.98	19.90	20.20
		12	6	19.84	20.02	19.90	20.20
		12	13	19.80	19.99	19.90	20.20
		25	0	19.81	19.99	19.86	20.20
	64QAM	1	0	19.80	20.01	19.93	20.20
		1	13	19.83	20.05	19.86	20.20
		1	24	19.82	20.05	19.94	20.20
		12	0	19.82	19.99	19.90	20.20
		12	6	19.80	20.03	19.85	20.20
		12	13	19.82	20.05	19.86	20.20
		25	0	19.83	20.03	19.91	20.20
	256QAM	1	0	19.83	20.01	19.91	20.20
		1	13	19.82	20.06	19.92	20.20
		1	24	19.85	20.05	19.88	20.20
		12	0	19.83	19.98	19.91	20.20
		12	6	19.85	19.99	19.94	20.20

Bandwidth	Modulation	12	13	19.84	19.98	19.93	20.20	
		25	0	19.88	20.02	19.85	20.20	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				20800	21100	21400		
10MHz	QPSK	1	0	19.83	20.01	19.94	20.20	
		1	25	19.85	20.02	19.93	20.20	
		1	49	19.84	19.99	19.94	20.20	
		25	0	19.85	20.05	19.93	20.20	
		25	13	19.86	19.97	19.89	20.20	
		25	25	19.83	20.05	19.88	20.20	
		50	0	19.88	20.05	19.87	20.20	
	16QAM	1	0	19.81	20.03	19.91	20.20	
		1	25	19.85	19.98	19.87	20.20	
		1	49	19.84	20.03	19.88	20.20	
		25	0	19.81	20.01	19.92	20.20	
		25	13	19.87	20.00	19.86	20.20	
		25	25	19.80	20.03	19.85	20.20	
		50	0	19.81	19.98	19.92	20.20	
	64QAM	1	0	19.81	19.98	19.90	20.20	
		1	25	19.81	20.01	19.88	20.20	
		1	49	19.88	20.04	19.88	20.20	
		25	0	19.81	20.04	19.92	20.20	
		25	13	19.81	20.03	19.90	20.20	
		25	25	19.88	20.01	19.91	20.20	
		50	0	19.85	20.05	19.92	20.20	
	256QAM	1	0	19.83	19.99	19.88	20.20	
		1	25	19.80	20.05	19.87	20.20	
		1	49	19.80	20.02	19.93	20.20	
		25	0	19.83	19.98	19.91	20.20	
		25	13	19.80	20.03	19.93	20.20	
		25	25	19.88	19.98	19.88	20.20	
		50	0	19.86	20.01	19.92	20.20	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					20825	21100	21375	
15MHz	QPSK	1	0	19.82	20.03	19.86	20.20	
		1	38	19.88	20.05	19.91	20.20	
		1	74	19.85	19.99	19.87	20.20	
		36	0	19.83	20.04	19.88	20.20	
		36	18	19.80	20.03	19.91	20.20	
		36	39	19.88	20.06	19.87	20.20	

	16QAM	75	0	19.81	20.06	19.93	20.20	
		1	0	19.89	20.04	19.88	20.20	
		1	38	19.80	20.05	19.86	20.20	
		1	74	19.82	20.05	19.91	20.20	
		36	0	19.88	19.97	19.91	20.20	
		36	18	19.84	20.01	19.94	20.20	
		36	39	19.89	20.01	19.88	20.20	
	75	0	19.86	19.98	19.91	20.20		
	64QAM	1	0	19.84	20.00	19.86	20.20	
		1	38	19.86	20.01	19.93	20.20	
		1	74	19.80	19.99	19.87	20.20	
		36	0	19.88	19.97	19.93	20.20	
		36	18	19.84	19.99	19.92	20.20	
		36	39	19.85	20.04	19.89	20.20	
		75	0	19.81	20.01	19.89	20.20	
	256QAM	1	0	19.83	20.00	19.93	20.20	
		1	38	19.88	20.06	19.92	20.20	
		1	74	19.83	20.02	19.90	20.20	
		36	0	19.85	20.02	19.89	20.20	
		36	18	19.86	19.98	19.89	20.20	
		36	39	19.89	20.04	19.91	20.20	
		75	0	19.83	20.05	19.89	20.20	
	Bandwidth	Modulation	RB size	RB offset	Channel 20850	Channel 21100	Channel 21350	Tune up
	20MHz	QPSK	1	0	19.89	20.09	19.98	20.20
			1	50	19.82	20.01	19.87	20.20
			1	99	19.84	20.00	19.92	20.20
			50	0	19.95	20.06	19.97	20.20
			50	25	19.84	20.03	19.89	20.20
50			50	19.88	20.02	19.88	20.20	
100			0	19.82	19.98	19.88	20.20	
16QAM		1	0	19.88	19.98	19.89	20.20	
		1	50	19.88	19.99	19.94	20.20	
		1	99	19.87	19.98	19.88	20.20	
		50	0	19.81	20.00	19.93	20.20	
		50	25	19.84	20.01	19.91	20.20	
		50	50	19.88	19.98	19.92	20.20	
		100	0	19.80	20.05	19.90	20.20	
64QAM		1	0	19.86	20.03	19.89	20.20	
		1	50	19.80	20.05	19.87	20.20	

		1	99	19.88	19.97	19.87	20.20
		50	0	19.82	20.00	19.90	20.20
		50	25	19.80	19.97	19.91	20.20
		50	50	19.86	20.06	19.85	20.20
		100	0	19.83	20.03	19.93	20.20
	256QAM	1	0	19.89	20.00	19.92	20.20
		1	50	19.83	20.01	19.89	20.20
		1	99	19.81	20.04	19.88	20.20
		50	0	19.86	20.06	19.93	20.20
		50	25	19.85	19.98	19.87	20.20
		50	50	19.84	19.97	19.88	20.20
		100	0	19.88	20.02	19.88	20.20

LTE Band 7 Full Power For ENDC				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20775	21100	21425	
5MHz	QPSK	1	0	22.79	22.72	22.80	24.00
		1	13	22.74	22.72	22.82	24.00
		1	24	22.86	22.83	22.93	24.00
		12	0	21.73	21.71	21.84	23.00
		12	6	21.82	21.81	21.72	23.00
		12	13	21.71	21.76	21.70	23.00
		25	0	21.78	21.74	21.74	23.00
	16QAM	1	0	21.81	21.65	21.78	23.00
		1	13	21.82	21.68	21.75	23.00
		1	24	21.83	21.78	21.68	23.00
		12	0	20.93	20.95	20.86	22.00
		12	6	20.90	20.99	20.93	22.00
		12	13	20.83	20.80	20.81	22.00
		25	0	20.77	20.85	20.88	22.00
	64QAM	1	0	20.74	20.75	20.55	22.00
		1	13	20.40	20.49	20.62	22.00
		1	24	20.74	20.70	20.60	22.00
		12	0	19.99	19.92	19.92	21.00
		12	6	19.79	19.82	19.75	21.00
		12	13	19.76	19.83	19.78	21.00
		25	0	19.87	19.94	19.72	21.00
	256QAM	1	0	17.65	17.78	17.71	19.00

		1	13	17.76	17.70	17.63	19.00
		1	24	17.81	17.77	17.86	19.00
		12	0	17.75	17.69	17.66	19.00
		12	6	17.39	17.48	17.29	19.00
		12	13	17.42	17.41	17.52	19.00
		25	0	17.67	17.57	17.66	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20800	21100	21400	
10MHz	QPSK	1	0	22.87	22.83	22.82	24.00
		1	25	22.80	22.71	22.75	24.00
		1	49	22.84	22.90	22.93	24.00
		25	0	21.69	21.71	21.78	23.00
		25	13	21.69	21.80	21.64	23.00
		25	25	21.81	21.80	21.79	23.00
		50	0	21.85	21.68	21.66	23.00
	16QAM	1	0	21.79	21.66	21.67	23.00
		1	25	21.77	21.68	21.74	23.00
		1	49	21.86	21.71	21.71	23.00
		25	0	20.96	20.83	20.82	22.00
		25	13	20.84	20.96	21.05	22.00
		25	25	20.81	20.83	20.81	22.00
		50	0	20.88	20.78	20.76	22.00
	64QAM	1	0	20.69	20.65	20.65	22.00
		1	25	20.52	20.45	20.58	22.00
		1	49	20.67	20.70	20.56	22.00
		25	0	19.94	19.87	19.90	21.00
		25	13	19.77	19.90	19.77	21.00
		25	25	19.74	19.80	19.79	21.00
		50	0	19.80	19.90	19.77	21.00
	256QAM	1	0	17.57	17.72	17.69	19.00
		1	25	17.68	17.74	17.66	19.00
		1	49	17.84	17.77	17.92	19.00
		25	0	17.62	17.69	17.67	19.00
		25	13	17.43	17.42	17.27	19.00
		25	25	17.51	17.34	17.51	19.00
		50	0	17.71	17.56	17.57	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20825	21100	21375	
15MHz	QPSK	1	0	22.81	22.78	22.84	24.00
		1	38	22.79	22.66	22.79	24.00



		1	74	22.89	22.89	22.83	24.00	
		36	0	21.75	21.78	21.76	23.00	
		36	18	21.70	21.70	21.69	23.00	
		36	39	21.77	21.69	21.78	23.00	
		75	0	21.82	21.75	21.70	23.00	
	16QAM	1	0	21.71	21.65	21.77	23.00	
		1	38	21.86	21.71	21.62	23.00	
		1	74	21.79	21.65	21.73	23.00	
		36	0	20.92	20.94	20.90	22.00	
		36	18	20.89	20.90	21.05	22.00	
		36	39	20.78	20.80	20.68	22.00	
		75	0	20.86	20.84	20.85	22.00	
	64QAM	1	0	20.67	20.73	20.54	22.00	
		1	38	20.50	20.48	20.62	22.00	
		1	74	20.62	20.63	20.49	22.00	
		36	0	19.90	19.89	19.95	21.00	
		36	18	19.84	19.78	19.70	21.00	
		36	39	19.75	19.68	19.76	21.00	
		75	0	19.88	19.84	19.79	21.00	
	256QAM	1	0	17.63	17.64	17.73	19.00	
		1	38	17.81	17.65	17.55	19.00	
		1	74	17.81	17.85	17.83	19.00	
		36	0	17.68	17.64	17.56	19.00	
		36	18	17.43	17.47	17.32	19.00	
		36	39	17.56	17.44	17.43	19.00	
		75	0	17.64	17.56	17.61	19.00	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					20850	21100	21350	
20MHz	QPSK	1	0	22.80	22.99	22.81	24.00	
		1	50	22.66	22.71	22.61	24.00	
		1	99	22.73	22.72	22.69	24.00	
		50	0	21.80	21.83	21.73	23.00	
		50	25	21.66	21.77	21.64	23.00	
		50	50	21.56	21.66	21.71	23.00	
		100	0	21.71	21.72	21.68	23.00	
	16QAM	1	0	21.80	21.71	21.59	23.00	
		1	50	21.78	21.67	21.68	23.00	
		1	99	21.82	21.75	21.64	23.00	
		50	0	20.94	20.83	20.81	22.00	
		50	25	20.86	20.97	20.91	22.00	

		50	50	20.80	20.78	20.70	22.00
		100	0	20.82	20.87	20.81	22.00
	64QAM	1	0	20.79	20.74	20.64	22.00
		1	50	20.49	20.54	20.49	22.00
		1	99	20.65	20.69	20.63	22.00
		50	0	19.85	20.00	19.99	21.00
		50	25	19.71	19.77	19.81	21.00
		50	50	19.88	19.73	19.81	21.00
		100	0	19.73	19.93	19.74	21.00
		256QAM	1	0	17.66	17.72	17.63
	1		50	17.67	17.68	17.54	19.00
	1		99	17.87	17.80	17.86	19.00
	50		0	17.70	17.72	17.62	19.00
	50		25	17.40	17.46	17.49	19.00
	50		50	17.45	17.49	17.44	19.00
	100		0	17.62	17.67	17.65	19.00

LTE Band 7 DSI3 DSI5 For ENDC				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20775	21100	21425	
5MHz	QPSK	1	0	17.47	17.74	17.54	18.50
		1	13	17.43	17.64	17.53	18.50
		1	24	17.50	17.65	17.59	18.50
		12	0	17.55	17.70	17.54	18.50
		12	6	17.42	17.62	17.49	18.50
		12	13	17.49	17.69	17.57	18.50
		25	0	17.46	17.63	17.47	18.50
	16QAM	1	0	17.54	17.54	17.47	18.50
		1	13	17.55	17.63	17.56	18.50
		1	24	17.43	17.56	17.50	18.50
		12	0	17.43	17.63	17.62	18.50
		12	6	17.46	17.62	17.57	18.50
		12	13	17.44	17.59	17.59	18.50
		25	0	17.48	17.67	17.48	18.50
	64QAM	1	0	17.46	17.69	17.58	18.50
		1	13	17.40	17.74	17.43	18.50
		1	24	17.53	17.52	17.53	18.50
		12	0	17.40	17.65	17.59	18.50
		12	6	17.39	17.62	17.56	18.50

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				20800	21100	21400		
10MHz	256QAM	12	13	17.43	17.63	17.44	18.50	
		25	0	17.38	17.70	17.57	18.50	
		1	0	17.46	17.60	17.52	18.50	
		1	13	17.50	17.68	17.58	18.50	
		1	24	17.40	17.73	17.52	18.50	
		12	0	17.48	17.66	17.54	18.50	
		12	6	17.54	17.56	17.55	18.50	
		12	13	17.42	17.59	17.54	18.50	
		25	0	17.48	17.62	17.51	18.50	
	10MHz	QPSK	1	0	17.55	17.74	17.59	18.50
			1	25	17.47	17.65	17.49	18.50
			1	49	17.46	17.68	17.60	18.50
			25	0	17.61	17.66	17.52	18.50
			25	13	17.40	17.68	17.49	18.50
			25	25	17.46	17.59	17.45	18.50
			50	0	17.48	17.60	17.58	18.50
		16QAM	1	0	17.53	17.66	17.48	18.50
			1	25	17.45	17.68	17.62	18.50
			1	49	17.43	17.61	17.55	18.50
			25	0	17.48	17.70	17.55	18.50
			25	13	17.45	17.70	17.59	18.50
			25	25	17.44	17.57	17.53	18.50
			50	0	17.44	17.63	17.45	18.50
		64QAM	1	0	17.41	17.69	17.48	18.50
			1	25	17.42	17.66	17.43	18.50
1			49	17.49	17.63	17.48	18.50	
25			0	17.52	17.61	17.55	18.50	
25			13	17.35	17.55	17.47	18.50	
25			25	17.49	17.68	17.44	18.50	
50			0	17.40	17.65	17.56	18.50	
256QAM		1	0	17.48	17.67	17.61	18.50	
		1	25	17.40	17.62	17.45	18.50	
		1	49	17.40	17.69	17.47	18.50	
		25	0	17.55	17.66	17.62	18.50	
	25	13	17.53	17.63	17.47	18.50		
	25	25	17.43	17.55	17.52	18.50		
	50	0	17.53	17.68	17.56	18.50		
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	

				20825	21100	21375	
<b>15MHz</b>	QPSK	1	0	17.55	17.69	17.57	18.50
		1	38	17.38	17.56	17.49	18.50
		1	74	17.49	17.64	17.56	18.50
		36	0	17.58	17.68	17.59	18.50
		36	18	17.50	17.64	17.46	18.50
		36	39	17.48	17.67	17.54	18.50
		75	0	17.49	17.60	17.47	18.50
	16QAM	1	0	17.43	17.65	17.48	18.50
		1	38	17.44	17.68	17.56	18.50
		1	74	17.48	17.65	17.50	18.50
		36	0	17.37	17.61	17.61	18.50
		36	18	17.43	17.61	17.49	18.50
		36	39	17.56	17.61	17.62	18.50
		75	0	17.45	17.73	17.54	18.50
	64QAM	1	0	17.46	17.72	17.51	18.50
		1	38	17.39	17.73	17.48	18.50
		1	74	17.52	17.57	17.55	18.50
		36	0	17.49	17.65	17.47	18.50
		36	18	17.38	17.66	17.49	18.50
		36	39	17.54	17.75	17.45	18.50
		75	0	17.44	17.68	17.50	18.50
	256QAM	1	0	17.49	17.69	17.52	18.50
		1	38	17.40	17.69	17.49	18.50
		1	74	17.45	17.73	17.54	18.50
		36	0	17.51	17.66	17.57	18.50
		36	18	17.43	17.58	17.54	18.50
		36	39	17.39	17.53	17.56	18.50
		75	0	17.45	17.69	17.49	18.50
<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>
				20850	21100	21350	
<b>20MHz</b>	QPSK	1	0	17.45	17.76	17.62	18.50
		1	50	17.39	17.66	17.48	18.50
		1	99	17.46	17.60	17.56	18.50
		50	0	17.59	17.66	17.59	18.50
		50	25	17.50	17.67	17.57	18.50
		50	50	17.44	17.68	17.44	18.50
		100	0	17.42	17.53	17.53	18.50
	16QAM	1	0	17.49	17.58	17.56	18.50
		1	50	17.55	17.59	17.52	18.50

		1	99	17.50	17.61	17.46	18.50
		50	0	17.42	17.69	17.52	18.50
		50	25	17.50	17.59	17.53	18.50
		50	50	17.46	17.53	17.49	18.50
		100	0	17.48	17.60	17.58	18.50
	64QAM	1	0	17.48	17.60	17.53	18.50
		1	50	17.35	17.74	17.42	18.50
		1	99	17.52	17.61	17.49	18.50
		50	0	17.44	17.56	17.60	18.50
		50	25	17.37	17.52	17.53	18.50
		50	50	17.48	17.68	17.48	18.50
	256QAM	100	0	17.44	17.73	17.48	18.50
		1	0	17.47	17.67	17.52	18.50
		1	50	17.49	17.58	17.52	18.50
		1	99	17.51	17.74	17.57	18.50
		50	0	17.55	17.73	17.62	18.50
		50	25	17.41	17.62	17.49	18.50
		50	50	17.51	17.67	17.46	18.50
100	0	17.45	17.64	17.51	18.50		

LTE Band 38 Full Power				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37775	38000	38225	
5MHz	QPSK	1	0	25.07	25.08	25.08	25.50
		1	13	25.09	25.01	25.11	25.50
		1	24	25.10	25.05	25.07	25.50
		12	0	23.97	24.00	24.08	24.50
		12	6	24.03	24.03	24.01	24.50
		12	13	24.06	23.96	23.98	24.50
		25	0	24.11	24.08	24.08	24.50
	16QAM	1	0	24.05	23.99	23.99	24.50
		1	13	24.07	23.95	24.01	24.50
		1	24	24.12	24.00	24.00	24.50
		12	0	23.18	23.14	23.11	23.50
		12	6	23.18	23.16	23.19	23.50
		12	13	23.06	23.00	22.99	23.50
		25	0	23.08	23.09	23.12	23.50
	64QAM	1	0	23.00	22.99	22.87	23.50
		1	13	22.75	22.85	22.88	23.50

		1	24	22.99	22.93	22.92	23.50
		12	0	22.22	22.20	22.15	22.50
		12	6	22.06	22.13	22.08	22.50
		12	13	22.09	22.03	22.04	22.50
		25	0	22.05	22.12	22.01	22.50
	256QAM	1	0	19.89	19.91	19.97	20.50
		1	13	20.03	19.92	19.91	20.50
		1	24	20.14	20.13	20.15	20.50
		12	0	19.90	19.86	19.94	20.50
		12	6	19.66	19.70	19.70	20.50
		12	13	19.80	19.73	19.75	20.50
	25	0	19.96	19.86	19.88	20.50	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
37800					38000	38200	
10MHz	QPSK	1	0	25.05	25.05	25.14	25.50
		1	25	25.07	24.98	25.05	25.50
		1	49	25.03	25.08	25.07	25.50
		25	0	23.97	23.95	24.07	24.50
		25	13	24.01	24.01	23.97	24.50
		25	25	24.03	24.01	23.95	24.50
		50	0	24.10	24.02	24.02	24.50
	16QAM	1	0	24.08	23.97	23.95	24.50
		1	25	24.09	24.01	23.95	24.50
		1	49	24.06	23.96	23.94	24.50
		25	0	23.17	23.10	23.12	23.50
		25	13	23.18	23.14	23.21	23.50
		25	25	23.06	23.03	23.02	23.50
		50	0	23.13	23.07	23.06	23.50
	64QAM	1	0	22.94	22.91	22.86	23.50
		1	25	22.74	22.86	22.85	23.50
		1	49	22.98	22.99	22.86	23.50
		25	0	22.26	22.18	22.14	22.50
		25	13	22.12	22.11	22.00	22.50
		25	25	22.08	22.08	22.09	22.50
		50	0	22.04	22.14	22.02	22.50
	256QAM	1	0	19.92	19.96	19.95	20.50
		1	25	19.95	19.88	19.90	20.50
		1	49	20.16	20.11	20.12	20.50
		25	0	19.91	19.86	19.93	20.50
		25	13	19.70	19.71	19.69	20.50

Bandwidth	Modulation	25	25	19.79	19.73	19.78	20.50	
		50	0	19.95	19.87	19.87	20.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				37825	38000	38175		
15MHz	QPSK	1	0	25.05	25.04	25.14	25.50	
		1	38	25.08	25.00	25.13	25.50	
		1	74	25.10	25.05	25.09	25.50	
		36	0	24.03	23.99	24.02	24.50	
		36	18	24.05	24.05	24.01	24.50	
		36	39	24.04	24.02	23.98	24.50	
		75	0	24.13	24.06	24.02	24.50	
	16QAM	1	0	24.08	23.95	23.98	24.50	
		1	38	24.09	23.97	23.95	24.50	
		1	74	24.11	23.97	23.98	24.50	
		36	0	23.21	23.15	23.07	23.50	
		36	18	23.18	23.19	23.22	23.50	
		36	39	23.08	23.08	23.04	23.50	
		75	0	23.11	23.09	23.11	23.50	
	64QAM	1	0	23.01	22.94	22.90	23.50	
		1	38	22.78	22.82	22.83	23.50	
		1	74	22.94	22.93	22.86	23.50	
		36	0	22.24	22.17	22.19	22.50	
		36	18	22.06	22.10	22.02	22.50	
		36	39	22.11	22.03	22.12	22.50	
		75	0	22.09	22.08	22.01	22.50	
	256QAM	1	0	19.92	19.99	19.99	20.50	
		1	38	19.94	19.89	19.89	20.50	
		1	74	20.15	20.09	20.09	20.50	
		36	0	19.94	19.87	19.90	20.50	
		36	18	19.69	19.67	19.68	20.50	
		36	39	19.77	19.68	19.78	20.50	
		75	0	19.94	19.88	19.93	20.50	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					37850	38000	38150	
20MHz	QPSK	1	0	25.07	25.18	25.10	25.50	
		1	50	25.08	24.96	25.08	25.50	
		1	99	25.08	25.09	25.10	25.50	
		50	0	23.95	24.02	24.07	24.50	
		50	25	24.00	24.01	24.01	24.50	
		50	50	24.10	23.95	24.02	24.50	

	16QAM	100	0	24.08	24.06	24.07	24.50
		1	0	24.05	23.98	23.97	24.50
		1	50	24.06	23.96	24.02	24.50
		1	99	24.04	24.00	23.94	24.50
		50	0	23.17	23.16	23.09	23.50
		50	25	23.18	23.14	23.24	23.50
		50	50	23.12	23.02	23.04	23.50
		100	0	23.15	23.10	23.04	23.50
	64QAM	1	0	22.94	22.95	22.87	23.50
		1	50	22.76	22.85	22.79	23.50
		1	99	22.94	22.94	22.84	23.50
		50	0	22.24	22.22	22.15	22.50
		50	25	22.09	22.11	22.01	22.50
		50	50	22.13	22.04	22.05	22.50
		100	0	22.09	22.09	22.05	22.50
	256QAM	1	0	19.91	19.92	19.95	20.50
		1	50	19.95	19.95	19.94	20.50
		1	99	20.12	20.08	20.13	20.50
		50	0	19.91	19.91	19.95	20.50
		50	25	19.64	19.70	19.63	20.50
		50	50	19.74	19.72	19.79	20.50
		100	0	19.90	19.89	19.87	20.50

LTE Band 38 DS13 DS15				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37775	38000	38225	
5MHz	QPSK	1	0	21.01	20.86	21.06	21.50
		1	13	21.03	20.87	21.03	21.50
		1	24	20.98	20.89	21.05	21.50
		12	0	21.06	20.91	21.03	21.50
		12	6	21.02	20.93	21.05	21.50
		12	13	21.03	20.87	21.02	21.50
		25	0	21.04	20.95	20.97	21.50
	16QAM	1	0	20.98	20.95	21.03	21.50
		1	13	21.04	20.87	21.00	21.50
		1	24	20.97	20.89	21.02	21.50
		12	0	21.03	20.93	21.05	21.50
		12	6	21.05	20.90	20.99	21.50
		12	13	21.05	20.87	21.06	21.50



	64QAM	25	0	20.99	20.89	21.03	21.50
		1	0	21.06	20.88	21.02	21.50
		1	13	20.99	20.87	21.05	21.50
		1	24	21.05	20.88	21.04	21.50
		12	0	21.04	20.88	21.06	21.50
		12	6	21.01	20.90	21.00	21.50
		12	13	21.02	20.89	21.00	21.50
	256QAM	25	0	21.00	20.90	21.02	21.50
		1	0	19.91	19.89	19.98	20.50
		1	13	19.94	19.93	19.97	20.50
		1	24	20.10	20.04	20.17	20.50
		12	0	19.87	19.94	19.99	20.50
		12	6	19.64	19.68	19.61	20.50
		12	13	19.75	19.73	19.77	20.50
25	0	19.91	19.92	19.86	20.50		
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37800	38000	38200	
10MHz	QPSK	1	0	20.99	20.87	21.01	21.50
		1	25	21.05	20.92	21.04	21.50
		1	49	21.04	20.94	20.98	21.50
		25	0	21.05	20.94	20.98	21.50
		25	13	20.97	20.95	20.99	21.50
		25	25	21.02	20.87	21.05	21.50
		50	0	21.02	20.87	20.99	21.50
	16QAM	1	0	21.03	20.88	21.00	21.50
		1	25	21.04	20.90	21.01	21.50
		1	49	20.99	20.95	20.97	21.50
		25	0	21.03	20.89	20.99	21.50
		25	13	21.05	20.91	21.02	21.50
		25	25	20.97	20.87	20.99	21.50
		50	0	21.03	20.88	21.02	21.50
	64QAM	1	0	21.03	20.92	21.04	21.50
		1	25	21.01	20.90	21.05	21.50
		1	49	21.01	20.87	20.97	21.50
		25	0	21.04	20.90	20.98	21.50
		25	13	20.99	20.88	21.05	21.50
		25	25	20.98	20.86	20.98	21.50
		50	0	20.98	20.90	20.97	21.50
	256QAM	1	0	19.93	19.91	19.92	20.50
		1	25	19.97	19.99	19.91	20.50

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				37825	38000	38175		
15MHz	QPSK	1	49	20.15	20.10	20.15	20.50	
		25	0	19.89	19.88	19.98	20.50	
		25	13	19.62	19.67	19.66	20.50	
		25	25	19.79	19.75	19.82	20.50	
		50	0	19.87	19.92	19.87	20.50	
	16QAM	16QAM	1	0	21.01	20.90	21.00	21.50
			1	38	21.05	20.91	21.05	21.50
			1	74	20.99	20.90	21.02	21.50
			36	0	21.02	20.93	21.00	21.50
			36	18	20.98	20.91	21.00	21.50
			36	39	20.99	20.93	21.03	21.50
			75	0	21.06	20.94	21.03	21.50
	64QAM	64QAM	1	0	21.04	20.92	21.04	21.50
			1	38	20.99	20.88	21.01	21.50
			1	74	21.03	20.91	20.98	21.50
			36	0	20.99	20.92	20.98	21.50
			36	18	21.00	20.90	20.97	21.50
			36	39	20.97	20.95	21.02	21.50
			75	0	21.00	20.87	20.98	21.50
	256QAM	256QAM	1	0	20.97	20.94	20.99	21.50
1			38	20.99	20.91	21.05	21.50	
1			74	21.04	20.91	21.01	21.50	
36			0	21.00	20.91	21.06	21.50	
36			18	21.02	20.87	21.03	21.50	
36			39	20.99	20.89	20.98	21.50	
75			0	21.01	20.91	20.97	21.50	
20MHz	QPSK	1	0	19.95	19.89	19.98	20.50	
		1	38	19.97	19.95	19.98	20.50	
1		74	20.10	20.10	20.09	20.50		
20MHz	QPSK	36	0	19.94	19.91	19.98	20.50	
		36	18	19.68	19.70	19.61	20.50	
20MHz	QPSK	36	39	19.74	19.71	19.82	20.50	
		75	0	19.90	19.92	19.91	20.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				37850	38000	38150		
20MHz	QPSK	1	0	21.08	21.13	21.09	21.50	
		1	50	20.99	20.94	21.00	21.50	
		1	99	21.04	20.91	21.05	21.50	

		50	0	21.07	21.11	21.06	21.50
		50	25	21.02	20.86	21.00	21.50
		50	50	21.05	20.87	21.03	21.50
		100	0	20.98	21.09	21.06	21.50
	16QAM	1	0	21.06	20.90	21.03	21.50
		1	50	21.00	20.94	21.04	21.50
		1	99	21.05	20.89	21.03	21.50
		50	0	21.06	20.94	21.05	21.50
		50	25	21.06	20.91	21.05	21.50
		50	50	21.04	20.90	21.00	21.50
		100	0	20.99	20.92	20.99	21.50
	64QAM	1	0	21.03	20.89	20.98	21.50
		1	50	21.02	20.86	20.98	21.50
		1	99	21.00	20.92	20.98	21.50
		50	0	21.00	20.95	21.03	21.50
		50	25	21.01	20.95	21.02	21.50
		50	50	21.01	20.92	21.01	21.50
		100	0	21.04	20.91	21.02	21.50
	256QAM	1	0	19.91	19.91	19.98	20.50
		1	50	19.93	19.98	19.90	20.50
		1	99	20.08	20.07	20.13	20.50
		50	0	19.90	19.92	19.97	20.50
		50	25	19.66	19.68	19.59	20.50
		50	50	19.71	19.69	19.79	20.50
		100	0	19.92	19.89	19.90	20.50

LTE Band 41(2496~2690) Full Power				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	25.46	25.27	25.46	25.33	25.49	25.70
		1	13	25.49	25.28	25.43	25.30	25.52	25.70
		1	24	25.48	25.36	25.45	25.34	25.54	25.70
		12	0	24.39	24.23	24.36	24.26	24.43	24.70
		12	6	24.44	24.35	24.38	24.36	24.37	24.70
		12	13	24.44	24.27	24.33	24.27	24.41	24.70
		25	0	24.52	24.34	24.39	24.31	24.39	24.70
	16QAM	1	0	24.48	24.28	24.40	24.27	24.40	24.70
		1	13	24.50	24.25	24.35	24.23	24.35	24.70
		1	24	24.48	24.24	24.34	24.25	24.40	24.70

		12	0	23.56	23.40	23.55	23.34	23.48	23.70	
		12	6	23.58	23.44	23.56	23.44	23.61	23.70	
		12	13	23.52	23.28	23.43	23.36	23.40	23.70	
		25	0	23.47	23.32	23.46	23.28	23.45	23.70	
	64QAM	1	0	23.32	23.24	23.30	23.24	23.24	23.70	
		1	13	23.17	23.05	23.24	23.05	23.21	23.70	
		1	24	23.38	23.14	23.34	23.12	23.30	23.70	
		12	0	22.67	22.49	22.55	22.50	22.56	22.70	
		12	6	22.49	22.37	22.49	22.43	22.47	22.70	
		12	13	22.46	22.29	22.47	22.31	22.51	22.70	
	256QAM	25	0	22.50	22.36	22.48	22.40	22.38	22.70	
		1	0	20.35	20.24	20.32	20.21	20.38	20.70	
		1	13	20.38	20.16	20.27	20.10	20.28	20.70	
		1	24	20.55	20.32	20.50	20.35	20.57	20.70	
		12	0	20.33	20.09	20.23	20.12	20.31	20.70	
		12	6	20.04	19.95	20.12	19.97	20.05	20.70	
		12	13	20.18	19.94	20.12	20.01	20.19	20.70	
	25	0	20.33	20.14	20.30	20.14	20.30	20.70		
	<b>Bandwidth</b>	<b>Modulation</b>	<b>RB size</b>	<b>RB offset</b>	<b>Channel</b>	<b>Channel</b>	<b>Channel</b>	<b>Channel</b>	<b>Channel</b>	<b>Tune up</b>
					39700	40160	40620	41080	41540	
	<b>10MHz</b>	QPSK	1	0	25.42	25.28	25.43	25.26	25.45	25.70
1			25	25.48	25.26	25.36	25.32	25.47	25.70	
1			49	25.50	25.34	25.46	25.33	25.46	25.70	
25			0	24.35	24.27	24.37	24.25	24.44	24.70	
25			13	24.41	24.28	24.44	24.29	24.41	24.70	
25			25	24.44	24.24	24.40	24.32	24.37	24.70	
50			0	24.51	24.37	24.47	24.36	24.41	24.70	
16QAM		1	0	24.45	24.26	24.38	24.28	24.38	24.70	
		1	25	24.49	24.25	24.36	24.18	24.40	24.70	
		1	49	24.49	24.29	24.39	24.24	24.37	24.70	
		25	0	23.59	23.34	23.54	23.33	23.47	23.70	
		25	13	23.62	23.43	23.58	23.44	23.66	23.70	
		25	25	23.51	23.35	23.43	23.32	23.37	23.70	
64QAM		50	0	23.49	23.34	23.50	23.36	23.43	23.70	
		1	0	23.41	23.22	23.31	23.20	23.27	23.70	
		1	25	23.19	23.07	23.18	23.07	23.27	23.70	
		1	49	23.39	23.18	23.30	23.17	23.30	23.70	
		25	0	22.59	22.48	22.54	22.49	22.53	22.70	
		25	13	22.49	22.40	22.51	22.40	22.46	22.70	
25		25	22.48	22.28	22.51	22.34	22.43	22.70		

		50	0	22.46	22.40	22.49	22.37	22.36	22.70	
	256QAM	1	0	20.27	20.18	20.30	20.23	20.36	20.70	
		1	25	20.39	20.09	20.30	20.15	20.26	20.70	
		1	49	20.53	20.33	20.43	20.35	20.56	20.70	
		25	0	20.35	20.15	20.28	20.10	20.29	20.70	
		25	13	20.02	19.97	20.05	19.91	20.04	20.70	
		25	25	20.14	19.98	20.08	20.00	20.11	20.70	
		50	0	20.34	20.11	20.24	20.11	20.28	20.70	
<b>Bandwidth</b>	<b>Modulation</b>	<b>RB size</b>	<b>RB offset</b>	<b>Channel</b>	<b>Channel</b>	<b>Channel</b>	<b>Channel</b>	<b>Channel</b>	<b>Tune up</b>	
				39725	40173	40620	41068	41515		
<b>15MHz</b>	QPSK	1	0	25.47	25.28	25.42	25.35	25.49	25.70	
		1	38	25.45	25.25	25.42	25.31	25.46	25.70	
		1	74	25.45	25.37	25.45	25.31	25.47	25.70	
		36	0	24.37	24.25	24.36	24.20	24.41	24.70	
		36	18	24.36	24.31	24.44	24.33	24.36	24.70	
		36	39	24.47	24.28	24.33	24.26	24.38	24.70	
		75	0	24.49	24.30	24.45	24.34	24.43	24.70	
	16QAM	1	0	24.47	24.32	24.41	24.31	24.35	24.70	
		1	38	24.44	24.19	24.38	24.19	24.35	24.70	
		1	74	24.42	24.27	24.39	24.23	24.39	24.70	
		36	0	23.54	23.34	23.53	23.40	23.50	23.70	
		36	18	23.56	23.36	23.54	23.43	23.58	23.70	
		36	39	23.50	23.32	23.45	23.36	23.39	23.70	
		75	0	23.55	23.28	23.47	23.32	23.49	23.70	
	64QAM	1	0	23.36	23.23	23.34	23.21	23.24	23.70	
		1	38	23.17	23.00	23.25	22.99	23.26	23.70	
		1	74	23.34	23.20	23.34	23.13	23.24	23.70	
		36	0	22.61	22.45	22.58	22.48	22.57	22.70	
		36	18	22.51	22.35	22.51	22.35	22.45	22.70	
		36	39	22.54	22.32	22.48	22.34	22.50	22.70	
		75	0	22.48	22.33	22.50	22.35	22.40	22.70	
	256QAM	1	0	20.34	20.17	20.37	20.21	20.37	20.70	
		1	38	20.34	20.10	20.29	20.10	20.30	20.70	
		1	74	20.58	20.39	20.46	20.31	20.54	20.70	
		36	0	20.31	20.15	20.28	20.12	20.33	20.70	
		36	18	20.06	19.91	20.08	19.95	20.08	20.70	
		36	39	20.16	19.98	20.09	19.99	20.14	20.70	
		75	0	20.32	20.14	20.28	20.15	20.25	20.70	
	<b>Bandwidth</b>	<b>Modulation</b>	<b>RB size</b>	<b>RB offset</b>	<b>Channel</b>	<b>Channel</b>	<b>Channel</b>	<b>Channel</b>	<b>Channel</b>	<b>Tune up</b>
					39750	40185	40620	41055	41490	

<b>20MHz</b>	<b>QPSK</b>	1	0	25.46	25.44	25.56	25.40	25.49	25.70
		1	50	25.42	25.27	25.38	25.27	25.44	25.70
		1	99	25.43	25.38	25.45	25.37	25.48	25.70
		50	0	24.39	24.28	24.47	24.22	24.40	24.70
		50	25	24.31	24.36	24.45	24.31	24.36	24.70
		50	50	24.20	24.26	24.41	24.30	24.39	24.70
	100	0	24.48	24.35	24.52	24.37	24.41	24.70	
	<b>16QAM</b>	1	0	24.46	24.30	24.40	24.31	24.35	24.70
		1	50	24.51	24.25	24.40	24.22	24.33	24.70
		1	99	24.46	24.27	24.36	24.23	24.38	24.70
		50	0	23.62	23.33	23.53	23.33	23.53	23.70
		50	25	23.63	23.37	23.56	23.42	23.62	23.70
		50	50	23.46	23.35	23.42	23.28	23.37	23.70
	100	0	23.52	23.30	23.54	23.34	23.46	23.70	
	<b>64QAM</b>	1	0	23.35	23.21	23.31	23.21	23.28	23.70
		1	50	23.13	22.98	23.22	23.02	23.21	23.70
		1	99	23.35	23.19	23.35	23.21	23.25	23.70
		50	0	22.64	22.42	22.62	22.45	22.56	22.70
		50	25	22.52	22.43	22.50	22.41	22.45	22.70
		50	50	22.45	22.30	22.49	22.32	22.50	22.70
	100	0	22.49	22.38	22.50	22.32	22.43	22.70	
	<b>256QAM</b>	1	0	20.32	20.24	20.36	20.16	20.38	20.70
		1	50	20.40	20.11	20.31	20.13	20.28	20.70
		1	99	20.52	20.35	20.49	20.37	20.53	20.70
50		0	20.29	20.16	20.28	20.15	20.28	20.70	
50		25	20.04	19.99	20.08	19.99	20.04	20.70	
50		50	20.15	19.98	20.07	19.98	20.10	20.70	
100	0	20.28	20.13	20.30	20.14	20.29	20.70		

<b>LTE Band 41(2496~2690) DS13 DS15</b>				<b>Conducted Power(dBm)</b>					
<b>Bandwidth</b>	<b>Modulation</b>	<b>RB size</b>	<b>RB offset</b>	<b>Channel</b>	<b>Channel</b>	<b>Channel</b>	<b>Channel</b>	<b>Channel</b>	<b>Tune up</b>
				39675	40148	40620	41093	41565	
<b>5MHz</b>	<b>QPSK</b>	1	0	21.19	21.32	21.21	21.33	21.16	21.70
		1	13	21.20	21.33	21.15	21.31	21.22	21.70
		1	24	21.19	21.31	21.18	21.26	21.17	21.70
		12	0	21.22	21.29	21.17	21.33	21.14	21.70
		12	6	21.18	21.35	21.18	21.32	21.21	21.70
		12	13	21.18	21.31	21.23	21.29	21.18	21.70
		25	0	21.19	21.34	21.22	21.35	21.16	21.70

	16QAM	1	0	21.21	21.28	21.17	21.29	21.18	21.70	
		1	13	21.24	21.34	21.20	21.27	21.15	21.70	
		1	24	21.21	21.33	21.21	21.30	21.19	21.70	
		12	0	21.21	21.30	21.20	21.32	21.18	21.70	
		12	6	21.21	21.34	21.19	21.35	21.18	21.70	
		12	13	21.22	21.31	21.20	21.34	21.22	21.70	
	64QAM	25	0	21.17	21.31	21.19	21.30	21.21	21.70	
		1	0	21.23	21.31	21.21	21.30	21.16	21.70	
		1	13	21.18	21.31	21.22	21.27	21.17	21.70	
		1	24	21.23	21.32	21.22	21.31	21.15	21.70	
		12	0	21.23	21.29	21.24	21.26	21.16	21.70	
		12	6	21.20	21.26	21.22	21.33	21.20	21.70	
	256QAM	12	13	21.22	21.35	21.21	21.31	21.19	21.70	
		25	0	21.22	21.28	21.23	21.27	21.17	21.70	
		1	0	20.20	20.37	20.24	20.37	20.16	20.70	
		1	13	20.11	20.33	20.13	20.35	20.15	20.70	
		1	24	20.39	20.48	20.37	20.53	20.41	20.70	
		12	0	20.20	20.31	20.17	20.32	20.19	20.70	
	10MHz	QPSK	12	6	19.98	20.12	20.03	20.12	19.99	20.70
			12	13	19.94	20.07	20.03	20.03	19.96	20.70
			25	0	20.15	20.32	20.12	20.28	20.11	20.70
1			0	21.14	21.27	21.21	21.32	21.16	21.70	
1			25	21.15	21.30	21.24	21.27	21.22	21.70	
1			49	21.23	21.33	21.24	21.31	21.18	21.70	
10MHz	16QAM	25	0	21.17	21.28	21.17	21.34	21.17	21.70	
		25	13	21.23	21.30	21.23	21.32	21.21	21.70	
		25	25	21.22	21.33	21.17	21.35	21.18	21.70	
		50	0	21.21	21.27	21.23	21.29	21.19	21.70	
		1	0	21.16	21.30	21.17	21.28	21.21	21.70	
		1	25	21.20	21.27	21.17	21.33	21.16	21.70	
	64QAM	1	49	21.24	21.29	21.19	21.31	21.23	21.70	
		25	0	21.18	21.27	21.19	21.29	21.18	21.70	
		25	13	21.20	21.28	21.15	21.29	21.18	21.70	
		25	25	21.19	21.30	21.16	21.32	21.22	21.70	
		50	0	21.21	21.31	21.16	21.32	21.23	21.70	
		1	0	21.21	21.33	21.18	21.34	21.23	21.70	
10MHz	64QAM	1	25	21.23	21.28	21.19	21.30	21.23	21.70	
		1	49	21.22	21.28	21.22	21.35	21.16	21.70	
		1	0	21.21	21.33	21.18	21.34	21.23	21.70	
<b>Bandwidth</b>	<b>Modulation</b>	<b>RB size</b>	<b>RB offset</b>	<b>Channel</b>	<b>Channel</b>	<b>Channel</b>	<b>Channel</b>	<b>Channel</b>	<b>Tune up</b>	
				39700	40160	40620	41080	41540		

		25	0	21.22	21.26	21.23	21.34	21.18	21.70
		25	13	21.19	21.26	21.21	21.27	21.19	21.70
		25	25	21.20	21.31	21.16	21.31	21.19	21.70
		50	0	21.19	21.32	21.24	21.34	21.22	21.70
	256QAM	1	0	20.24	20.35	20.25	20.38	20.17	20.70
		1	25	20.09	20.31	20.08	20.32	20.17	20.70
		1	49	20.38	20.53	20.35	20.51	20.37	20.70
		25	0	20.14	20.25	20.20	20.25	20.20	20.70
	25	13	19.97	20.06	20.00	20.04	19.99	20.70	
	25	25	20.01	20.07	20.00	20.08	20.01	20.70	
	50	0	20.09	20.31	20.13	20.26	20.16	20.70	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39725	40173	40620	41068	41515	
15MHz	QPSK	1	0	21.21	21.34	21.14	21.32	21.18	21.70
		1	38	21.16	21.30	21.16	21.34	21.20	21.70
		1	74	21.15	21.27	21.15	21.34	21.18	21.70
		36	0	21.17	21.29	21.21	21.28	21.15	21.70
		36	18	21.23	21.28	21.17	21.34	21.19	21.70
		36	39	21.18	21.30	21.15	21.29	21.23	21.70
		75	0	21.23	21.32	21.22	21.33	21.20	21.70
	16QAM	1	0	21.19	21.30	21.17	21.31	21.15	21.70
		1	38	21.15	21.34	21.21	21.29	21.21	21.70
		1	74	21.16	21.33	21.15	21.28	21.16	21.70
		36	0	21.15	21.30	21.20	21.29	21.14	21.70
		36	18	21.20	21.32	21.22	21.35	21.20	21.70
		36	39	21.16	21.28	21.15	21.34	21.23	21.70
		75	0	21.18	21.27	21.17	21.29	21.20	21.70
	64QAM	1	0	21.23	21.32	21.21	21.29	21.16	21.70
		1	38	21.19	21.35	21.22	21.27	21.18	21.70
		1	74	21.22	21.27	21.22	21.35	21.20	21.70
		36	0	21.17	21.31	21.22	21.33	21.15	21.70
		36	18	21.22	21.30	21.16	21.33	21.20	21.70
		36	39	21.16	21.28	21.19	21.34	21.16	21.70
		75	0	21.21	21.30	21.19	21.31	21.14	21.70
	256QAM	1	0	20.25	20.38	20.21	20.34	20.13	20.70
		1	38	20.10	20.28	20.16	20.32	20.15	20.70
		1	74	20.35	20.46	20.36	20.48	20.39	20.70
36		0	20.20	20.31	20.13	20.26	20.19	20.70	
36		18	20.01	20.10	20.01	20.06	20.03	20.70	
36		39	20.02	20.05	19.95	20.12	20.02	20.70	



Bandwidth	Modulation	75	0	20.10	20.32	20.15	20.26	20.11	20.70
		RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
20MHz	QPSK	1	0	21.30	21.47	21.54	21.40	21.32	21.70
		1	50	21.17	21.34	21.23	21.27	21.23	21.70
		1	99	21.24	21.31	21.24	21.34	21.17	21.70
		50	0	21.29	21.38	21.40	21.39	21.26	21.70
		50	25	21.23	21.28	21.21	21.34	21.20	21.70
		50	50	21.15	21.34	21.22	21.30	21.17	21.70
		100	0	21.23	21.29	21.39	21.27	21.22	21.70
	16QAM	1	0	21.21	21.33	21.22	21.27	21.18	21.70
		1	50	21.15	21.31	21.23	21.32	21.18	21.70
		1	99	21.20	21.28	21.19	21.32	21.15	21.70
		50	0	21.22	21.27	21.24	21.32	21.23	21.70
		50	25	21.23	21.30	21.20	21.29	21.22	21.70
		50	50	21.16	21.28	21.18	21.28	21.18	21.70
		100	0	21.21	21.33	21.17	21.32	21.21	21.70
	64QAM	1	0	21.16	21.27	21.23	21.32	21.15	21.70
		1	50	21.23	21.31	21.23	21.27	21.15	21.70
		1	99	21.20	21.26	21.19	21.34	21.17	21.70
		50	0	21.16	21.30	21.16	21.28	21.22	21.70
		50	25	21.17	21.31	21.19	21.30	21.15	21.70
		50	50	21.19	21.35	21.16	21.27	21.18	21.70
		100	0	21.20	21.30	21.17	21.28	21.19	21.70
	256QAM	1	0	20.23	20.37	20.29	20.40	20.20	20.70
		1	50	20.11	20.32	20.16	20.33	20.16	20.70
		1	99	20.32	20.53	20.40	20.49	20.39	20.70
		50	0	20.20	20.29	20.12	20.28	20.12	20.70
		50	25	19.95	20.11	19.97	20.04	20.03	20.70
		50	50	19.95	20.08	19.96	20.09	19.95	20.70
		100	0	20.10	20.34	20.16	20.28	20.16	20.70

LTE Band 66 Full Power				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131979	132322	132665	
1.4MHz	QPSK	1	0	25.32	25.34	25.38	25.70
		1	2	25.36	25.32	25.37	25.70
		1	5	25.40	25.34	25.42	25.70
		3	0	25.35	25.30	25.37	25.70

		3	1	25.34	25.28	25.42	25.70
		3	3	25.39	25.25	25.36	25.70
		6	0	24.35	24.33	24.31	24.70
	16QAM	1	0	24.41	24.29	24.27	24.70
		1	2	24.37	24.25	24.28	24.70
		1	5	24.36	24.26	24.24	24.70
		3	0	24.35	24.26	24.24	24.70
		3	1	24.36	24.26	24.26	24.70
		3	3	24.42	24.28	24.29	24.70
		6	0	23.44	23.42	23.37	23.70
		64QAM	1	0	23.30	23.22	23.21
	1		2	23.06	23.14	23.12	23.70
	1		5	23.23	23.28	23.20	23.70
	3		0	23.06	23.10	23.16	23.70
	3		1	23.08	23.13	23.11	23.70
	3		3	23.08	23.15	23.15	23.70
	6		0	22.36	22.38	22.29	22.70
	256QAM	1	0	20.23	20.25	20.31	20.70
		1	2	20.29	20.17	20.25	20.70
		1	5	20.44	20.37	20.39	20.70
		3	0	20.24	20.23	20.21	20.70
3		1	20.01	19.99	19.99	20.70	
3		3	20.06	20.01	20.06	20.70	
6		0	20.27	20.18	20.21	20.70	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131987	132322	132657	
3MHz	QPSK	1	0	25.34	25.33	25.37	25.70
		1	7	25.36	25.33	25.41	25.70
		1	14	25.41	25.37	25.43	25.70
		8	0	24.30	24.26	24.34	24.70
		8	4	24.31	24.34	24.26	24.70
		8	7	24.33	24.30	24.27	24.70
		15	0	24.37	24.34	24.37	24.70
	16QAM	1	0	24.35	24.26	24.24	24.70
		1	7	24.41	24.33	24.27	24.70
		1	14	24.33	24.32	24.28	24.70
		8	0	23.48	23.39	23.41	23.70
		8	4	23.50	23.47	23.56	23.70
		8	7	23.40	23.36	23.34	23.70
		15	0	23.42	23.41	23.35	23.70

	64QAM	1	0	23.31	23.20	23.19	23.70
		1	7	23.05	23.12	23.13	23.70
		1	14	23.27	23.22	23.21	23.70
		8	0	22.49	22.48	22.49	22.70
		8	4	22.36	22.39	22.33	22.70
		8	7	22.42	22.40	22.42	22.70
		15	0	22.43	22.41	22.30	22.70
	256QAM	1	0	20.20	20.30	20.31	20.70
		1	7	20.32	20.26	20.22	20.70
		1	14	20.48	20.35	20.43	20.70
		8	0	20.19	20.21	20.23	20.70
		8	4	19.94	20.03	19.95	20.70
		8	7	20.09	20.01	20.08	20.70
		15	0	20.26	20.18	20.20	20.70
<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>
				131997	132322	132647	
<b>5MHz</b>	QPSK	1	0	25.36	25.32	25.39	25.70
		1	13	25.39	25.27	25.40	25.70
		1	24	25.33	25.39	25.40	25.70
		12	0	24.32	24.25	24.31	24.70
		12	6	24.30	24.30	24.31	24.70
		12	13	24.42	24.27	24.30	24.70
		25	0	24.42	24.36	24.37	24.70
	16QAM	1	0	24.41	24.25	24.24	24.70
		1	13	24.38	24.28	24.29	24.70
		1	24	24.37	24.28	24.30	24.70
		12	0	23.49	23.45	23.41	23.70
		12	6	23.52	23.50	23.52	23.70
		12	13	23.45	23.36	23.30	23.70
		25	0	23.39	23.39	23.36	23.70
	64QAM	1	0	23.27	23.26	23.14	23.70
		1	13	23.04	23.10	23.11	23.70
		1	24	23.25	23.28	23.18	23.70
		12	0	22.50	22.53	22.43	22.70
		12	6	22.43	22.43	22.36	22.70
		12	13	22.43	22.40	22.41	22.70
		25	0	22.38	22.37	22.30	22.70
	256QAM	1	0	20.21	20.28	20.26	20.70
		1	13	20.26	20.22	20.24	20.70
		1	24	20.42	20.39	20.47	20.70

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132022	132322	132622	
10MHz	QPSK	12	0	20.26	20.21	20.19	20.70
		12	6	19.99	20.01	19.97	20.70
		12	13	20.08	19.98	20.03	20.70
		25	0	20.24	20.19	20.25	20.70
		1	0	25.37	25.32	25.43	25.70
		1	25	25.37	25.31	25.42	25.70
		1	49	25.34	25.41	25.44	25.70
	16QAM	25	0	24.31	24.29	24.33	24.70
		25	13	24.36	24.35	24.28	24.70
		25	25	24.40	24.33	24.31	24.70
		50	0	24.42	24.36	24.33	24.70
		1	0	24.41	24.33	24.29	24.70
		1	25	24.35	24.33	24.26	24.70
		1	49	24.42	24.30	24.30	24.70
	64QAM	25	0	23.48	23.43	23.37	23.70
		25	13	23.48	23.46	23.55	23.70
		25	25	23.45	23.37	23.29	23.70
		50	0	23.41	23.39	23.39	23.70
		1	0	23.28	23.25	23.14	23.70
		1	25	23.06	23.08	23.14	23.70
		1	49	23.32	23.25	23.23	23.70
	256QAM	25	0	22.58	22.50	22.44	22.70
		25	13	22.38	22.44	22.32	22.70
		25	25	22.41	22.40	22.36	22.70
		50	0	22.37	22.38	22.35	22.70
		1	0	20.24	20.29	20.29	20.70
		1	25	20.27	20.18	20.23	20.70
		1	49	20.41	20.35	20.45	20.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132047	132322	132597	
15MHz	QPSK	1	0	25.34	25.32	25.45	25.70
		1	38	25.35	25.28	25.44	25.70
		1	74	25.39	25.41	25.39	25.70
		36	0	24.32	24.32	24.32	24.70

		36	18	24.32	24.29	24.25	24.70
		36	39	24.35	24.28	24.26	24.70
		75	0	24.40	24.36	24.36	24.70
	16QAM	1	0	24.39	24.31	24.31	24.70
		1	38	24.39	24.27	24.24	24.70
		1	74	24.39	24.28	24.29	24.70
		36	0	23.52	23.40	23.45	23.70
		36	18	23.50	23.46	23.50	23.70
		36	39	23.38	23.32	23.29	23.70
		75	0	23.44	23.44	23.35	23.70
		64QAM	1	0	23.29	23.24	23.18
	1		38	23.07	23.11	23.13	23.70
	1		74	23.30	23.25	23.15	23.70
	36		0	22.52	22.45	22.48	22.70
	36		18	22.42	22.41	22.30	22.70
	36		39	22.37	22.41	22.34	22.70
	75		0	22.37	22.42	22.28	22.70
	256QAM	1	0	20.20	20.24	20.23	20.70
		1	38	20.30	20.23	20.21	20.70
		1	74	20.47	20.38	20.41	20.70
		36	0	20.18	20.22	20.16	20.70
36		18	19.99	20.03	19.96	20.70	
36		39	20.05	20.01	20.03	20.70	
75		0	20.21	20.19	20.20	20.70	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132072	132322	132572	
20MHz	QPSK	1	0	25.34	25.58	25.44	25.70
		1	50	25.37	25.34	25.39	25.70
		1	99	25.34	25.37	25.39	25.70
		50	0	24.47	24.56	24.38	24.70
		50	25	24.36	24.37	24.31	24.70
		50	50	24.38	24.27	24.31	24.70
		100	0	24.39	24.47	24.31	24.70
	16QAM	1	0	24.37	24.26	24.29	24.70
		1	50	24.42	24.29	24.30	24.70
		1	99	24.33	24.31	24.31	24.70
		50	0	23.50	23.42	23.38	23.70
		50	25	23.50	23.46	23.49	23.70
		50	50	23.41	23.33	23.29	23.70
		100	0	23.44	23.42	23.38	23.70

	64QAM	1	0	23.26	23.25	23.22	23.70
		1	50	23.07	23.11	23.18	23.70
		1	99	23.27	23.23	23.22	23.70
		50	0	22.53	22.51	22.43	22.70
		50	25	22.38	22.40	22.38	22.70
		50	50	22.37	22.41	22.40	22.70
		100	0	22.40	22.39	22.33	22.70
	256QAM	1	0	20.23	20.26	20.32	20.70
		1	50	20.28	20.24	20.19	20.70
		1	99	20.46	20.38	20.47	20.70
		50	0	20.23	20.16	20.21	20.70
		50	25	19.99	20.04	19.98	20.70
		50	50	20.11	19.97	20.07	20.70
		100	0	20.21	20.16	20.22	20.70

LTE Band 66 DSI3 DSI5				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131979	132322	132665	
1.4MHz	QPSK	1	0	21.85	21.79	21.90	22.20
		1	2	21.76	21.83	21.85	22.20
		1	5	21.82	21.75	21.83	22.20
		3	0	21.79	21.75	21.86	22.20
		3	1	21.77	21.76	21.87	22.20
		3	3	21.77	21.77	21.85	22.20
		6	0	21.83	21.81	21.82	22.20
	16QAM	1	0	21.82	21.82	21.88	22.20
		1	2	21.76	21.77	21.85	22.20
		1	5	21.80	21.74	21.82	22.20
		3	0	21.80	21.83	21.83	22.20
		3	1	21.75	21.78	21.82	22.20
		3	3	21.82	21.77	21.80	22.20
		6	0	21.76	21.78	21.81	22.20
	64QAM	1	0	21.82	21.77	21.86	22.20
		1	2	21.77	21.80	21.84	22.20
		1	5	21.77	21.81	21.86	22.20
		3	0	21.77	21.83	21.88	22.20
		3	1	21.82	21.82	21.81	22.20
		3	3	21.80	21.78	21.79	22.20
		6	0	21.82	21.77	21.83	22.20

		1	0	20.27	20.25	20.33	20.70
		1	2	20.31	20.25	20.24	20.70
		1	5	20.50	20.40	20.47	20.70
	256QAM	3	0	20.26	20.20	20.21	20.70
		3	1	19.96	20.08	19.96	20.70
		3	3	20.12	19.99	20.07	20.70
		6	0	20.17	20.19	20.25	20.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131987	132322	132657	
3MHz	QPSK	1	0	21.81	21.80	21.93	22.20
		1	7	21.80	21.80	21.84	22.20
		1	14	21.77	21.76	21.82	22.20
		8	0	21.81	21.78	21.81	22.20
		8	4	21.78	21.78	21.83	22.20
		8	7	21.79	21.76	21.81	22.20
		15	0	21.76	21.78	21.81	22.20
	16QAM	1	0	21.83	21.78	21.83	22.20
		1	7	21.76	21.79	21.84	22.20
		1	14	21.76	21.79	21.85	22.20
		8	0	21.77	21.76	21.83	22.20
		8	4	21.77	21.83	21.81	22.20
		8	7	21.75	21.80	21.88	22.20
		15	0	21.79	21.82	21.84	22.20
	64QAM	1	0	21.80	21.75	21.79	22.20
		1	7	21.75	21.82	21.79	22.20
		1	14	21.76	21.78	21.83	22.20
		8	0	21.78	21.78	21.86	22.20
		8	4	21.77	21.76	21.82	22.20
		8	7	21.82	21.78	21.88	22.20
		15	0	21.76	21.80	21.80	22.20
	256QAM	1	0	20.20	20.26	20.36	20.70
		1	7	20.29	20.28	20.23	20.70
		1	14	20.49	20.37	20.49	20.70
		8	0	20.20	20.17	20.22	20.70
		8	4	19.96	20.01	19.99	20.70
		8	7	20.14	19.95	20.05	20.70
		15	0	20.21	20.15	20.22	20.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131997	132322	132647	
5MHz	QPSK	1	0	21.86	21.78	21.86	22.20

		1	13	21.82	21.77	21.79	22.20	
		1	24	21.76	21.80	21.84	22.20	
		12	0	21.79	21.75	21.82	22.20	
		12	6	21.83	21.79	21.82	22.20	
		12	13	21.74	21.77	21.86	22.20	
		25	0	21.77	21.76	21.85	22.20	
	16QAM	1	0	21.82	21.80	21.84	22.20	
		1	13	21.82	21.75	21.80	22.20	
		1	24	21.74	21.78	21.84	22.20	
		12	0	21.81	21.80	21.82	22.20	
		12	6	21.80	21.77	21.80	22.20	
		12	13	21.78	21.81	21.88	22.20	
	64QAM	25	0	21.80	21.81	21.82	22.20	
		1	0	21.77	21.79	21.81	22.20	
		1	13	21.83	21.76	21.82	22.20	
		1	24	21.82	21.81	21.82	22.20	
		12	0	21.82	21.77	21.83	22.20	
		12	6	21.77	21.80	21.79	22.20	
	256QAM	12	13	21.75	21.76	21.84	22.20	
		25	0	21.77	21.75	21.80	22.20	
		1	0	20.21	20.27	20.29	20.70	
		1	13	20.31	20.24	20.19	20.70	
		1	24	20.43	20.36	20.45	20.70	
		12	0	20.25	20.20	20.19	20.70	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					132022	132322	132622	
	10MHz	QPSK	1	0	21.78	21.77	21.91	22.20
			1	25	21.81	21.80	21.79	22.20
1			49	21.75	21.77	21.83	22.20	
25			0	21.75	21.79	21.84	22.20	
25			13	21.82	21.80	21.84	22.20	
25			25	21.75	21.80	21.82	22.20	
50			0	21.79	21.79	21.87	22.20	
16QAM		1	0	21.76	21.76	21.83	22.20	
		1	25	21.80	21.82	21.85	22.20	
		1	49	21.79	21.82	21.85	22.20	
		25	0	21.76	21.82	21.82	22.20	



		25	13	21.76	21.79	21.83	22.20
		25	25	21.76	21.80	21.82	22.20
		50	0	21.81	21.75	21.85	22.20
	64QAM	1	0	21.82	21.75	21.83	22.20
		1	25	21.77	21.82	21.86	22.20
		1	49	21.79	21.82	21.83	22.20
		25	0	21.76	21.74	21.85	22.20
		25	13	21.82	21.83	21.88	22.20
		25	25	21.75	21.79	21.83	22.20
		50	0	21.77	21.83	21.80	22.20
		256QAM	1	0	20.25	20.29	20.33
	1		25	20.27	20.28	20.19	20.70
	1		49	20.43	20.41	20.48	20.70
	25		0	20.20	20.17	20.19	20.70
	25		13	19.98	20.07	19.97	20.70
25	25		20.14	20.00	20.03	20.70	
50	0		20.23	20.19	20.24	20.70	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132047	132322	132597	
15MHz	QPSK	1	0	21.83	21.79	21.86	22.20
		1	38	21.81	21.80	21.86	22.20
		1	74	21.79	21.80	21.83	22.20
		36	0	21.75	21.76	21.80	22.20
		36	18	21.75	21.78	21.82	22.20
		36	39	21.77	21.78	21.85	22.20
		75	0	21.82	21.76	21.83	22.20
	16QAM	1	0	21.79	21.76	21.85	22.20
		1	38	21.81	21.83	21.85	22.20
		1	74	21.76	21.80	21.81	22.20
		36	0	21.81	21.75	21.84	22.20
		36	18	21.81	21.81	21.84	22.20
		36	39	21.77	21.81	21.82	22.20
		75	0	21.79	21.75	21.85	22.20
	64QAM	1	0	21.78	21.81	21.80	22.20
		1	38	21.80	21.74	21.83	22.20
		1	74	21.81	21.79	21.87	22.20
		36	0	21.79	21.79	21.86	22.20
		36	18	21.77	21.79	21.80	22.20
		36	39	21.79	21.77	21.84	22.20
		75	0	21.75	21.82	21.83	22.20

	256QAM	1	0	20.21	20.25	20.28	20.70
		1	38	20.27	20.26	20.21	20.70
		1	74	20.48	20.36	20.45	20.70
		36	0	20.21	20.20	20.24	20.70
		36	18	20.04	20.01	19.97	20.70
		36	39	20.07	20.02	20.10	20.70
		75	0	20.19	20.16	20.26	20.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132072	132322	132572	
20MHz	QPSK	1	0	21.85	21.99	21.83	22.20
		1	50	21.82	21.75	21.79	22.20
		1	99	21.80	21.79	21.79	22.20
		50	0	21.85	21.88	21.85	22.20
		50	25	21.80	21.80	21.83	22.20
		50	50	21.79	21.81	21.81	22.20
		100	0	21.74	21.88	21.84	22.20
	16QAM	1	0	21.78	21.76	21.83	22.20
		1	50	21.83	21.79	21.81	22.20
		1	99	21.75	21.82	21.86	22.20
		50	0	21.77	21.80	21.79	22.20
		50	25	21.82	21.81	21.86	22.20
		50	50	21.83	21.78	21.88	22.20
		100	0	21.81	21.74	21.80	22.20
	64QAM	1	0	21.82	21.82	21.85	22.20
		1	50	21.79	21.79	21.82	22.20
		1	99	21.81	21.76	21.87	22.20
		50	0	21.75	21.82	21.87	22.20
		50	25	21.83	21.76	21.86	22.20
		50	50	21.74	21.80	21.80	22.20
		100	0	21.78	21.77	21.86	22.20
	256QAM	1	0	20.19	20.23	20.37	20.70
		1	50	20.27	20.21	20.19	20.70
		1	99	20.49	20.35	20.45	20.70
		50	0	20.28	20.15	20.24	20.70
		50	25	20.01	20.00	20.00	20.70
		50	50	20.09	19.94	20.07	20.70
		100	0	20.19	20.18	20.22	20.70

## 7 Conducted Power of Main Antenna(Ant6)

### 7.1 Conducted Power of LTE

LTE Band 48 Full Power				Conducted Power(dBm)				
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Tune up
				55265	55810	56170	56715	
5MHz	QPSK	1	0	23.47	23.45	23.49	23.52	24.00
		1	13	23.50	23.43	23.39	23.52	24.00
		1	24	23.46	23.49	23.44	23.48	24.00
		12	0	22.40	22.36	22.38	22.41	23.00
		12	6	22.40	22.42	22.45	22.40	23.00
		12	13	22.47	22.52	22.37	22.41	23.00
		25	0	22.45	22.50	22.45	22.46	23.00
	16QAM	1	0	22.50	22.52	22.41	22.35	23.00
		1	13	22.47	22.50	22.42	22.40	23.00
		1	24	22.44	22.46	22.41	22.40	23.00
		12	0	21.58	21.54	21.52	21.53	22.00
		12	6	21.62	21.62	21.59	21.66	22.00
		12	13	21.51	21.49	21.48	21.46	22.00
		25	0	21.52	21.56	21.51	21.49	22.00
	64QAM	1	0	21.33	21.41	21.31	21.25	22.00
		1	13	21.15	21.20	21.23	21.22	22.00
		1	24	21.38	21.35	21.33	21.32	22.00
		12	0	20.59	20.66	20.59	20.59	21.00
		12	6	20.52	20.49	20.56	20.43	21.00
		12	13	20.54	20.50	20.46	20.52	21.00
		25	0	20.49	20.48	20.51	20.38	21.00
	256QAM	1	0	18.28	18.28	18.36	18.35	19.00
		1	13	18.41	18.37	18.29	18.31	19.00
		1	24	18.51	18.57	18.47	18.52	19.00
		12	0	18.36	18.35	18.32	18.28	19.00
		12	6	18.06	18.04	18.07	18.02	19.00
		12	13	18.18	18.13	18.14	18.13	19.00

Bandwidth	Modulation	RB size	RB offset	25	0	18.31	18.34	18.26	18.27	19.00		
				Channel	Channel	Channel	Channel	Tune up				
10MHz	QPSK	1	0	55290	55815	56165	56690	23.44	23.49	23.49	23.52	24.00
		1	25	23.45	23.44	23.36	23.51	24.00				
		1	49	23.48	23.45	23.48	23.52	24.00				
		25	0	22.37	22.41	22.37	22.46	23.00				
		25	13	22.44	22.41	22.42	22.40	23.00				
		25	25	22.48	22.43	22.40	22.34	23.00				
		50	0	22.48	22.48	22.40	22.42	23.00				
	16QAM	1	0	22.45	22.51	22.36	22.38	23.00				
		1	25	22.47	22.43	22.39	22.35	23.00				
		1	49	22.48	22.46	22.42	22.34	23.00				
		25	0	21.57	21.55	21.52	21.48	22.00				
		25	13	21.57	21.57	21.56	21.64	22.00				
		25	25	21.50	21.47	21.41	21.44	22.00				
		50	0	21.54	21.55	21.54	21.44	22.00				
	64QAM	1	0	21.37	21.35	21.31	21.30	22.00				
		1	25	21.15	21.19	21.24	21.26	22.00				
		1	49	21.39	21.40	21.31	21.30	22.00				
		25	0	20.67	20.67	20.55	20.55	21.00				
		25	13	20.46	20.51	20.56	20.41	21.00				
		25	25	20.54	20.49	20.49	20.48	21.00				
		50	0	20.49	20.53	20.54	20.39	21.00				
	256QAM	1	0	18.29	18.34	18.37	18.42	19.00				
		1	25	18.38	18.40	18.30	18.33	19.00				
		1	49	18.57	18.55	18.51	18.55	19.00				
		25	0	18.36	18.33	18.27	18.34	19.00				
		25	13	18.04	18.04	18.07	18.07	19.00				
		25	25	18.16	18.20	18.12	18.18	19.00				
		50	0	18.36	18.33	18.29	18.27	19.00				
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Tune up			
	15MHz	QPSK	1	0	55315	55820	56160	56665	23.51	23.47	23.50	23.46
1			38	23.47	23.50	23.43	23.45	24.00				
1			74	23.45	23.43	23.44	23.50	24.00				
36			0	22.39	22.39	22.34	22.41	23.00				
36			18	22.39	22.44	22.41	22.42	23.00				
36			39	22.49	22.43	22.36	22.40	23.00				
75			0	22.53	22.51	22.45	22.46	23.00				

	16QAM	1	0	22.50	22.45	22.42	22.39	23.00
		1	38	22.45	22.50	22.34	22.37	23.00
		1	74	22.47	22.51	22.40	22.42	23.00
		36	0	21.57	21.54	21.50	21.47	22.00
		36	18	21.57	21.56	21.61	21.66	22.00
		36	39	21.54	21.54	21.42	21.43	22.00
		75	0	21.53	21.55	21.50	21.45	22.00
	64QAM	1	0	21.37	21.34	21.38	21.26	22.00
		1	38	21.18	21.17	21.18	21.24	22.00
		1	74	21.33	21.38	21.31	21.31	22.00
		36	0	20.64	20.63	20.62	20.52	21.00
		36	18	20.51	20.45	20.56	20.47	21.00
		36	39	20.53	20.51	20.50	20.44	21.00
		75	0	20.46	20.49	20.53	20.38	21.00
	256QAM	1	0	18.33	18.33	18.37	18.35	19.00
		1	38	18.40	18.40	18.27	18.31	19.00
		1	74	18.51	18.51	18.48	18.52	19.00
		36	0	18.28	18.34	18.27	18.33	19.00
		36	18	18.04	18.10	18.07	18.05	19.00
		36	39	18.20	18.20	18.11	18.16	19.00
		75	0	18.29	18.30	18.31	18.33	19.00
<b>Bandwidth</b>	<b>Modulation</b>	<b>RB size</b>	<b>RB offset</b>	<b>Channel</b>	<b>Channel</b>	<b>Channel</b>	<b>Channel</b>	<b>Tune up</b>
				55340	55830	56150	56640	
<b>20MHz</b>	QPSK	1	0	23.56	23.62	23.50	23.53	24.00
		1	50	23.51	23.48	23.36	23.47	24.00
		1	99	23.49	23.45	23.46	23.47	24.00
		50	0	22.57	22.58	22.50	22.42	23.00
		50	25	22.45	22.45	22.42	22.40	23.00
		50	50	22.47	22.44	22.41	22.36	23.00
		100	0	22.51	22.53	22.49	22.48	23.00
	16QAM	1	0	22.48	22.47	22.34	22.35	23.00
		1	50	22.46	22.49	22.39	22.38	23.00
		1	99	22.44	22.49	22.37	22.36	23.00
		50	0	21.62	21.60	21.51	21.54	22.00
		50	25	21.59	21.62	21.58	21.59	22.00
		50	50	21.54	21.55	21.41	21.40	22.00
		100	0	21.54	21.52	21.54	21.45	22.00
	64QAM	1	0	21.34	21.38	21.36	21.32	22.00
		1	50	21.21	21.21	21.21	21.26	22.00
		1	99	21.40	21.41	21.38	21.27	22.00

		50	0	20.65	20.62	20.57	20.53	21.00
		50	25	20.45	20.50	20.53	20.44	21.00
		50	50	20.47	20.51	20.50	20.52	21.00
		100	0	20.53	20.49	20.54	20.44	21.00
	256QAM	1	0	18.31	18.35	18.32	18.37	19.00
		1	50	18.39	18.41	18.28	18.30	19.00
		1	99	18.52	18.55	18.52	18.55	19.00
		50	0	18.36	18.28	18.30	18.31	19.00
		50	25	18.07	18.05	18.05	18.08	19.00
		50	50	18.21	18.16	18.10	18.16	19.00
		100	0	18.29	18.33	18.27	18.30	19.00

LTE Band 48 DSI1 DSI5				Conducted Power(dBm)				
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Tune up
				55265	55810	56170	56715	
5MHz	QPSK	1	0	14.46	14.47	14.34	14.48	15.00
		1	13	14.43	14.40	14.25	14.41	15.00
		1	24	14.30	14.34	14.30	14.43	15.00
		12	0	14.45	14.38	14.30	14.35	15.00
		12	6	14.38	14.38	14.31	14.39	15.00
		12	13	14.44	14.44	14.25	14.40	15.00
		25	0	14.44	14.41	14.30	14.33	15.00
	16QAM	1	0	14.39	14.38	14.30	14.37	15.00
		1	13	14.40	14.42	14.25	14.33	15.00
		1	24	14.38	14.41	14.29	14.42	15.00
		12	0	14.38	14.37	14.27	14.37	15.00
		12	6	14.36	14.41	14.32	14.41	15.00
		12	13	14.42	14.45	14.34	14.36	15.00
		25	0	14.45	14.41	14.25	14.42	15.00
	64QAM	1	0	14.36	14.37	14.28	14.40	15.00
		1	13	14.42	14.37	14.33	14.33	15.00
		1	24	14.38	14.45	14.26	14.40	15.00
		12	0	14.36	14.43	14.30	14.33	15.00
		12	6	14.45	14.43	14.33	14.40	15.00
		12	13	14.37	14.43	14.32	14.41	15.00
		25	0	14.38	14.36	14.26	14.39	15.00
	256QAM	1	0	14.42	14.37	14.27	14.34	15.00
		1	13	14.42	14.39	14.27	14.41	15.00
		1	24	14.44	14.43	14.28	14.37	15.00

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Tune up	
				55290	55815	56165	56690		
10MHz	QPSK	12	0	14.38	14.37	14.30	14.38	15.00	
		12	6	14.44	14.38	14.26	14.36	15.00	
		12	13	14.43	14.38	14.27	14.34	15.00	
		25	0	14.43	14.45	14.33	14.33	15.00	
	16QAM	16QAM	1	0	14.49	14.48	14.36	14.47	15.00
			1	25	14.37	14.43	14.30	14.37	15.00
			1	49	14.34	14.37	14.34	14.38	15.00
			25	0	14.43	14.41	14.32	14.37	15.00
			25	13	14.42	14.41	14.30	14.35	15.00
			25	25	14.41	14.39	14.26	14.40	15.00
			50	0	14.45	14.36	14.25	14.39	15.00
	64QAM	64QAM	1	0	14.41	14.44	14.28	14.37	15.00
			1	25	14.40	14.38	14.32	14.38	15.00
			1	49	14.44	14.37	14.31	14.34	15.00
			25	0	14.37	14.41	14.34	14.34	15.00
			25	13	14.38	14.42	14.33	14.42	15.00
			25	25	14.41	14.40	14.28	14.35	15.00
			50	0	14.43	14.45	14.28	14.33	15.00
	256QAM	256QAM	1	0	14.36	14.40	14.31	14.41	15.00
			1	25	14.42	14.37	14.27	14.39	15.00
			1	49	14.43	14.36	14.25	14.38	15.00
			25	0	14.41	14.38	14.29	14.37	15.00
			25	13	14.45	14.41	14.34	14.39	15.00
			25	25	14.44	14.37	14.27	14.38	15.00
			50	0	14.44	14.37	14.28	14.38	15.00
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Tune up
					55315	55820	56160	56665	
	15MHz	QPSK	1	0	14.53	14.49	14.37	14.48	15.00
1			38	14.40	14.41	14.27	14.37	15.00	
1			74	14.37	14.36	14.38	14.42	15.00	
36			0	14.43	14.37	14.28	14.41	15.00	

		36	18	14.36	14.42	14.26	14.35	15.00	
		36	39	14.43	14.36	14.31	14.35	15.00	
		75	0	14.41	14.36	14.27	14.37	15.00	
	16QAM	1	0	14.40	14.37	14.34	14.34	15.00	
		1	38	14.41	14.37	14.31	14.36	15.00	
		1	74	14.41	14.38	14.31	14.35	15.00	
		36	0	14.41	14.39	14.26	14.37	15.00	
		36	18	14.43	14.39	14.31	14.38	15.00	
		36	39	14.45	14.39	14.33	14.36	15.00	
		75	0	14.45	14.40	14.26	14.33	15.00	
		64QAM	1	0	14.45	14.40	14.28	14.36	15.00
			1	38	14.41	14.41	14.31	14.33	15.00
	1		74	14.37	14.37	14.32	14.35	15.00	
	36		0	14.39	14.41	14.33	14.36	15.00	
	36		18	14.38	14.37	14.27	14.41	15.00	
	36		39	14.45	14.42	14.30	14.33	15.00	
	75		0	14.41	14.39	14.29	14.39	15.00	
	256QAM	1	0	14.37	14.42	14.29	14.41	15.00	
		1	38	14.36	14.36	14.30	14.35	15.00	
		1	74	14.38	14.43	14.27	14.38	15.00	
		36	0	14.40	14.40	14.32	14.35	15.00	
36		18	14.37	14.39	14.31	14.38	15.00		
36		39	14.39	14.42	14.32	14.37	15.00		
75		0	14.41	14.44	14.30	14.35	15.00		
<b>Bandwidth</b>	<b>Modulation</b>	<b>RB size</b>	<b>RB offset</b>	<b>Channel</b> 55340	<b>Channel</b> 55830	<b>Channel</b> 56150	<b>Channel</b> 56640	<b>Tune up</b>	
<b>20MHz</b>	QPSK	1	0	14.47	14.52	14.40	14.48	15.00	
		1	50	14.44	14.42	14.32	14.36	15.00	
		1	99	14.39	14.32	14.36	14.44	15.00	
		50	0	14.43	14.49	14.33	14.44	15.00	
		50	25	14.39	14.45	14.30	14.37	15.00	
		50	50	14.41	14.40	14.31	14.34	15.00	
		100	0	14.40	14.41	14.28	14.37	15.00	
	16QAM	1	0	14.37	14.39	14.29	14.40	15.00	
		1	50	14.42	14.41	14.34	14.38	15.00	
		1	99	14.38	14.38	14.28	14.35	15.00	
		50	0	14.41	14.42	14.31	14.41	15.00	
		50	25	14.39	14.43	14.25	14.40	15.00	
		50	50	14.41	14.36	14.28	14.38	15.00	
		100	0	14.44	14.37	14.33	14.38	15.00	



	64QAM	1	0	14.38	14.43	14.26	14.42	15.00
		1	50	14.41	14.38	14.28	14.34	15.00
		1	99	14.38	14.38	14.27	14.35	15.00
		50	0	14.41	14.41	14.30	14.42	15.00
		50	25	14.42	14.44	14.29	14.36	15.00
		50	50	14.42	14.40	14.31	14.35	15.00
		100	0	14.38	14.37	14.29	14.34	15.00
	256QAM	1	0	14.43	14.36	14.26	14.37	15.00
		1	50	14.36	14.42	14.31	14.36	15.00
		1	99	14.42	14.45	14.31	14.34	15.00
		50	0	14.40	14.43	14.33	14.36	15.00
		50	25	14.38	14.43	14.28	14.38	15.00
		50	50	14.38	14.44	14.31	14.39	15.00
		100	0	14.41	14.44	14.32	14.41	15.00

LTE Band 48 DS13				Conducted Power(dBm)				
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Tune up
				55265	55810	56170	56715	
5MHz	QPSK	1	0	23.02	23.05	22.92	22.91	23.50
		1	13	22.87	22.88	22.78	22.92	23.50
		1	24	22.80	22.81	22.89	22.89	23.50
		12	0	22.58	22.59	22.54	22.39	23.00
		12	6	22.44	22.46	22.40	22.44	23.00
		12	13	22.45	22.48	22.39	22.33	23.00
		25	0	22.50	22.49	22.47	22.48	23.00
	16QAM	1	0	22.49	22.48	22.36	22.35	23.00
		1	13	22.51	22.47	22.36	22.38	23.00
		1	24	22.48	22.48	22.38	22.35	23.00
		12	0	21.61	21.56	21.50	21.57	22.00
		12	6	21.65	21.64	21.54	21.58	22.00
		12	13	21.55	21.58	21.39	21.39	22.00
		25	0	21.54	21.55	21.56	21.49	22.00
	64QAM	1	0	21.38	21.35	21.34	21.33	22.00
		1	13	21.24	21.19	21.17	21.29	22.00
		1	24	21.39	21.41	21.36	21.30	22.00
		12	0	20.63	20.65	20.58	20.55	21.00
		12	6	20.52	20.54	20.54	20.46	21.00
		12	13	20.47	20.48	20.53	20.56	21.00
		25	0	20.47	20.53	20.58	20.48	21.00

		1	0	18.33	18.36	18.32	18.42	19.00
		1	13	18.45	18.38	18.26	18.28	19.00
		1	24	18.57	18.53	18.49	18.53	19.00
	256QAM	12	0	18.31	18.26	18.29	18.28	19.00
		12	6	18.07	18.07	18.09	18.12	19.00
		12	13	18.13	18.18	18.12	18.16	19.00
		25	0	18.31	18.30	18.29	18.28	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Tune up
				55290	55815	56165	56690	
10MHz	QPSK	1	0	22.97	23.00	22.93	22.91	23.50
		1	25	22.84	22.90	22.74	22.88	23.50
		1	49	22.77	22.86	22.83	22.89	23.50
		25	0	22.60	22.58	22.47	22.40	23.00
		25	13	22.44	22.45	22.39	22.39	23.00
		25	25	22.41	22.41	22.45	22.36	23.00
		50	0	22.57	22.53	22.51	22.47	23.00
	16QAM	1	0	22.51	22.51	22.37	22.39	23.00
		1	25	22.46	22.47	22.41	22.38	23.00
		1	49	22.45	22.51	22.36	22.33	23.00
		25	0	21.57	21.57	21.50	21.50	22.00
		25	13	21.61	21.66	21.60	21.60	22.00
		25	25	21.54	21.59	21.38	21.39	22.00
		50	0	21.55	21.55	21.56	21.48	22.00
	64QAM	1	0	21.40	21.37	21.35	21.36	22.00
		1	25	21.19	21.23	21.19	21.26	22.00
		1	49	21.40	21.41	21.37	21.31	22.00
		25	0	20.64	20.65	20.59	20.57	21.00
		25	13	20.54	20.49	20.50	20.47	21.00
		25	25	20.48	20.47	20.47	20.52	21.00
		50	0	20.45	20.46	20.56	20.43	21.00
	256QAM	1	0	18.38	18.40	18.33	18.38	19.00
		1	25	18.45	18.43	18.32	18.34	19.00
		1	49	18.52	18.58	18.49	18.60	19.00
		25	0	18.27	18.32	18.28	18.28	19.00
		25	13	18.02	18.04	18.04	18.07	19.00
		25	25	18.19	18.15	18.09	18.18	19.00
		50	0	18.31	18.31	18.24	18.35	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Tune up
				55315	55820	56160	56665	
15MHz	QPSK	1	0	23.05	22.98	22.94	22.89	23.50

		1	38	22.92	22.83	22.74	22.89	23.50	
		1	74	22.81	22.80	22.84	22.90	23.50	
		36	0	22.61	22.63	22.53	22.46	23.00	
		36	18	22.44	22.41	22.41	22.44	23.00	
		36	39	22.47	22.42	22.44	22.39	23.00	
		75	0	22.52	22.57	22.49	22.44	23.00	
	16QAM	1	0	22.52	22.43	22.34	22.32	23.00	
		1	38	22.50	22.52	22.38	22.36	23.00	
		1	74	22.47	22.47	22.34	22.40	23.00	
		36	0	21.63	21.62	21.53	21.58	22.00	
		36	18	21.61	21.67	21.55	21.56	22.00	
		36	39	21.52	21.57	21.37	21.43	22.00	
	64QAM	75	0	21.50	21.53	21.52	21.43	22.00	
		1	0	21.42	21.42	21.35	21.30	22.00	
		1	38	21.20	21.26	21.19	21.30	22.00	
		1	74	21.40	21.44	21.38	21.28	22.00	
		36	0	20.59	20.61	20.61	20.53	21.00	
		36	18	20.47	20.49	20.50	20.49	21.00	
	256QAM	36	39	20.54	20.51	20.49	20.51	21.00	
		75	0	20.51	20.47	20.55	20.48	21.00	
		1	0	18.35	18.39	18.37	18.36	19.00	
		1	38	18.40	18.41	18.32	18.26	19.00	
		1	74	18.56	18.59	18.51	18.60	19.00	
		36	0	18.27	18.32	18.27	18.33	19.00	
		36	18	18.04	18.01	18.02	18.11	19.00	
		36	39	18.18	18.20	18.12	18.21	19.00	
		75	0	18.38	18.30	18.24	18.28	19.00	
		<b>Bandwidth</b>	<b>Modulation</b>	<b>RB size</b>	<b>RB offset</b>	<b>Channel</b>	<b>Channel</b>	<b>Channel</b>	<b>Channel</b>
					55340	55830	56150	56640	
<b>20MHz</b>		QPSK	1	0	22.99	23.13	22.91	22.97	23.50
	1		50	22.85	22.85	22.75	22.87	23.50	
	1		99	22.85	22.78	22.88	22.92	23.50	
	50		0	22.58	22.60	22.47	22.46	23.00	
	50		25	22.47	22.45	22.45	22.45	23.00	
	50		50	22.47	22.47	22.39	22.33	23.00	
	100		0	22.52	22.57	22.48	22.46	23.00	
	16QAM	1	0	22.49	22.52	22.35	22.35	23.00	
		1	50	22.47	22.48	22.41	22.35	23.00	
		1	99	22.49	22.51	22.42	22.35	23.00	
		50	0	21.61	21.59	21.55	21.56	22.00	

		50	25	21.66	21.66	21.54	21.55	22.00
		50	50	21.51	21.58	21.44	21.43	22.00
		100	0	21.55	21.53	21.56	21.48	22.00
	64QAM	1	0	21.42	21.34	21.36	21.30	22.00
		1	50	21.20	21.22	21.22	21.28	22.00
		1	99	21.40	21.38	21.39	21.30	22.00
		50	0	20.60	20.63	20.61	20.51	21.00
		50	25	20.53	20.47	20.52	20.48	21.00
		50	50	20.52	20.56	20.49	20.50	21.00
	256QAM	100	0	20.52	20.51	20.52	20.44	21.00
		1	0	18.39	18.37	18.31	18.35	19.00
		1	50	18.44	18.44	18.26	18.29	19.00
		1	99	18.51	18.56	18.51	18.59	19.00
		50	0	18.30	18.26	18.30	18.31	19.00
		50	25	18.09	18.02	18.09	18.06	19.00
50		50	18.19	18.14	18.07	18.14	19.00	
100	0	18.31	18.36	18.27	18.31	19.00		

## 8 Conducted Power of Main Antenna(Ant7)

### 8.1 Conducted Power of LTE

LTE Band 48 Full Power				Conducted Power(dBm)				
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Tune up
				55265	55810	56170	56715	
5MHz	QPSK	1	0	24.43	24.43	24.42	24.49	25.00
		1	13	24.49	24.45	24.42	24.46	25.00
		1	24	24.50	24.45	24.49	24.49	25.00
		12	0	23.41	23.40	23.40	23.48	24.00
		12	6	23.40	23.45	23.45	23.39	24.00
		12	13	23.52	23.50	23.39	23.37	24.00
		25	0	23.48	23.49	23.44	23.46	24.00
	16QAM	1	0	23.52	23.45	23.34	23.39	24.00
		1	13	23.52	23.50	23.38	23.38	24.00
		1	24	23.44	23.48	23.35	23.39	24.00
		12	0	22.63	22.62	22.50	22.51	23.00
		12	6	22.55	22.62	22.54	22.62	23.00
		12	13	22.54	22.54	22.45	22.46	23.00
		25	0	22.51	22.51	22.48	22.52	23.00
	64QAM	1	0	22.38	22.37	22.36	22.32	23.00

		1	13	22.17	22.15	22.18	22.26	23.00
		1	24	22.37	22.38	22.34	22.25	23.00
		12	0	21.63	21.61	21.58	21.59	22.00
		12	6	21.49	21.47	21.53	21.47	22.00
		12	13	21.48	21.52	21.51	21.49	22.00
		25	0	21.46	21.51	21.49	21.38	22.00
	256QAM	1	0	19.36	19.30	19.36	19.34	20.00
		1	13	19.37	19.42	19.35	19.30	20.00
		1	24	19.54	19.52	19.47	19.55	20.00
		12	0	19.35	19.37	19.26	19.32	20.00
		12	6	19.08	19.08	19.07	19.08	20.00
		12	13	19.16	19.17	19.06	19.15	20.00
		25	0	19.33	19.29	19.26	19.29	20.00
	<b>Bandwidth</b>	<b>Modulation</b>	<b>RB size</b>	<b>RB offset</b>	<b>Channel</b>	<b>Channel</b>	<b>Channel</b>	<b>Channel</b>
				55290	55815	56165	56690	
<b>10MHz</b>	QPSK	1	0	24.43	24.49	24.45	24.51	25.00
		1	25	24.51	24.47	24.41	24.52	25.00
		1	49	24.46	24.45	24.43	24.49	25.00
		25	0	23.37	23.40	23.43	23.44	24.00
		25	13	23.43	23.41	23.43	23.41	24.00
		25	25	23.44	23.47	23.39	23.39	24.00
		50	0	23.50	23.47	23.43	23.40	24.00
	16QAM	1	0	23.50	23.45	23.36	23.40	24.00
		1	25	23.46	23.48	23.41	23.36	24.00
		1	49	23.52	23.48	23.38	23.35	24.00
		25	0	22.60	22.61	22.48	22.49	23.00
		25	13	22.63	22.63	22.61	22.61	23.00
		25	25	22.46	22.54	22.40	22.47	23.00
		50	0	22.49	22.54	22.49	22.49	23.00
	64QAM	1	0	22.34	22.35	22.39	22.28	23.00
		1	25	22.15	22.17	22.23	22.25	23.00
		1	49	22.41	22.39	22.33	22.32	23.00
		25	0	21.67	21.64	21.56	21.61	22.00
		25	13	21.47	21.48	21.51	21.44	22.00
		25	25	21.48	21.53	21.49	21.48	22.00
		50	0	21.45	21.44	21.53	21.37	22.00
	256QAM	1	0	19.34	19.33	19.37	19.35	20.00
		1	25	19.35	19.42	19.36	19.33	20.00
		1	49	19.58	19.53	19.51	19.52	20.00
		25	0	19.29	19.29	19.32	19.32	20.00

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Tune up
				55315	55820	56160	56665	
15MHz	QPSK	25	13	19.05	19.03	19.05	19.06	20.00
		25	25	19.19	19.13	19.09	19.18	20.00
		50	0	19.36	19.32	19.30	19.26	20.00
		1	0	24.49	24.46	24.49	24.49	25.00
		1	38	24.43	24.44	24.35	24.52	25.00
		1	74	24.51	24.46	24.43	24.47	25.00
		36	0	23.36	23.36	23.42	23.48	24.00
	36	18	23.45	23.42	23.43	23.40	24.00	
	36	39	23.44	23.44	23.39	23.35	24.00	
	75	0	23.54	23.51	23.42	23.44	24.00	
	1	0	23.44	23.46	23.38	23.41	24.00	
	1	38	23.48	23.49	23.34	23.36	24.00	
	1	74	23.51	23.44	23.37	23.38	24.00	
	36	0	22.56	22.57	22.56	22.51	23.00	
	36	18	22.55	22.56	22.61	22.64	23.00	
	36	39	22.51	22.51	22.47	22.38	23.00	
	75	0	22.50	22.48	22.54	22.51	23.00	
	1	0	22.36	22.35	22.35	22.28	23.00	
	1	38	22.14	22.15	22.20	22.20	23.00	
	1	74	22.38	22.36	22.38	22.26	23.00	
	36	0	21.66	21.63	21.57	21.55	22.00	
	36	18	21.49	21.51	21.55	21.47	22.00	
	36	39	21.52	21.50	21.47	21.53	22.00	
	75	0	21.48	21.51	21.51	21.45	22.00	
	1	0	19.31	19.35	19.33	19.41	20.00	
	1	38	19.41	19.34	19.32	19.26	20.00	
	1	74	19.52	19.51	19.49	19.54	20.00	
36	0	19.33	19.36	19.24	19.28	20.00		
36	18	19.10	19.09	19.07	19.03	20.00		
36	39	19.21	19.17	19.05	19.20	20.00		
75	0	19.37	19.32	19.31	19.27	20.00		
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Tune up
20MHz	QPSK			55340	55830	56150	56640	
		1	0	24.61	24.67	24.65	24.61	25.00
		1	50	24.46	24.45	24.37	24.53	25.00
		1	99	24.51	24.50	24.50	24.54	25.00
		50	0	23.42	23.59	23.50	23.46	24.00
		50	25	23.39	23.45	23.48	23.37	24.00

		50	50	23.43	23.48	23.43	23.40	24.00
		100	0	23.48	23.51	23.42	23.42	24.00
	16QAM	1	0	23.48	23.43	23.40	23.33	24.00
		1	50	23.48	23.43	23.40	23.34	24.00
		1	99	23.47	23.47	23.41	23.37	24.00
		50	0	22.58	22.55	22.51	22.49	23.00
		50	25	22.57	22.58	22.61	22.62	23.00
		50	50	22.50	22.53	22.47	22.42	23.00
		100	0	22.56	22.56	22.54	22.52	23.00
		64QAM	1	0	22.38	22.39	22.37	22.31
	1		50	22.13	22.14	22.23	22.20	23.00
	1		99	22.33	22.35	22.33	22.28	23.00
	50		0	21.60	21.59	21.54	21.59	22.00
	50		25	21.45	21.53	21.51	21.42	22.00
	50		50	21.47	21.50	21.50	21.52	22.00
	100		0	21.48	21.50	21.48	21.37	22.00
	256QAM	1	0	19.29	19.29	19.35	19.39	20.00
		1	50	19.35	19.41	19.32	19.33	20.00
		1	99	19.53	19.56	19.48	19.54	20.00
		50	0	19.31	19.34	19.33	19.30	20.00
		50	25	19.05	19.11	19.13	19.05	20.00
		50	50	19.17	19.19	19.08	19.16	20.00
		100	0	19.33	19.36	19.32	19.34	20.00

LTE Band 48 DS11 DS15				Conducted Power(dBm)				
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Tune up
				55265	55810	56170	56715	
5MHz	QPSK	1	0	17.09	17.12	17.08	17.01	17.50
		1	13	16.81	16.83	16.77	16.91	17.50
		1	24	16.88	16.85	16.81	16.93	17.50
		12	0	16.85	16.84	16.82	16.86	17.50
		12	6	16.81	16.80	16.84	16.90	17.50
		12	13	16.84	16.80	16.79	16.92	17.50
		25	0	16.86	16.82	16.76	16.90	17.50
	16QAM	1	0	16.81	16.87	16.81	16.94	17.50
		1	13	16.84	16.88	16.77	16.89	17.50
		1	24	16.80	16.82	16.77	16.92	17.50
		12	0	16.82	16.81	16.84	16.92	17.50
		12	6	16.81	16.85	16.78	16.89	17.50

		12	13	16.81	16.86	16.78	16.94	17.50	
		25	0	16.82	16.85	16.79	16.92	17.50	
	64QAM	1	0	16.87	16.86	16.79	16.88	17.50	
		1	13	16.82	16.84	16.85	16.94	17.50	
		1	24	16.88	16.81	16.79	16.87	17.50	
		12	0	16.83	16.85	16.84	16.94	17.50	
		12	6	16.82	16.87	16.83	16.87	17.50	
		12	13	16.84	16.82	16.79	16.90	17.50	
		25	0	16.80	16.85	16.80	16.89	17.50	
		256QAM	1	0	16.86	16.79	16.85	16.92	17.50
	1		13	16.82	16.82	16.81	16.89	17.50	
	1		24	16.88	16.86	16.79	16.89	17.50	
	12		0	16.84	16.80	16.82	16.87	17.50	
	12		6	16.85	16.86	16.79	16.94	17.50	
	12		13	16.84	16.85	16.84	16.94	17.50	
	25		0	16.85	16.80	16.84	16.94	17.50	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Tune up
					55290	55815	56165	56690	
10MHz	QPSK	1	0	17.10	17.08	17.05	17.00	17.50	
		1	25	16.79	16.86	16.78	16.90	17.50	
		1	49	16.85	16.82	16.79	16.92	17.50	
		25	0	16.87	16.83	16.80	16.92	17.50	
		25	13	16.83	16.79	16.77	16.94	17.50	
		25	25	16.85	16.84	16.85	16.89	17.50	
		50	0	16.85	16.80	16.77	16.90	17.50	
	16QAM	1	0	16.87	16.87	16.79	16.90	17.50	
		1	25	16.83	16.82	16.79	16.88	17.50	
		1	49	16.87	16.86	16.80	16.93	17.50	
		25	0	16.85	16.82	16.83	16.88	17.50	
		25	13	16.80	16.80	16.81	16.93	17.50	
		25	25	16.86	16.84	16.82	16.86	17.50	
		50	0	16.87	16.80	16.80	16.92	17.50	
	64QAM	1	0	16.80	16.84	16.85	16.87	17.50	
		1	25	16.81	16.80	16.84	16.88	17.50	
		1	49	16.80	16.88	16.77	16.93	17.50	
		25	0	16.84	16.80	16.85	16.89	17.50	
		25	13	16.87	16.86	16.78	16.86	17.50	
		25	25	16.80	16.85	16.85	16.94	17.50	
		50	0	16.81	16.83	16.83	16.89	17.50	
	256QAM	1	0	16.79	16.86	16.77	16.87	17.50	



		1	25	16.84	16.80	16.78	16.91	17.50
		1	49	16.79	16.82	16.76	16.92	17.50
		25	0	16.88	16.84	16.84	16.90	17.50
		25	13	16.80	16.87	16.78	16.93	17.50
		25	25	16.87	16.83	16.79	16.88	17.50
		50	0	16.86	16.83	16.80	16.94	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Tune up
				55315	55820	56160	56665	
15MHz	QPSK	1	0	17.06	17.13	16.99	16.99	17.50
		1	38	16.87	16.87	16.79	16.88	17.50
		1	74	16.80	16.84	16.81	16.94	17.50
		36	0	16.83	16.86	16.79	16.90	17.50
		36	18	16.85	16.88	16.80	16.88	17.50
		36	39	16.79	16.83	16.79	16.90	17.50
		75	0	16.87	16.82	16.80	16.85	17.50
	16QAM	1	0	16.85	16.81	16.76	16.88	17.50
		1	38	16.83	16.82	16.77	16.87	17.50
		1	74	16.88	16.84	16.84	16.88	17.50
		36	0	16.84	16.87	16.77	16.86	17.50
		36	18	16.88	16.82	16.77	16.86	17.50
		36	39	16.87	16.81	16.78	16.92	17.50
		75	0	16.81	16.84	16.83	16.90	17.50
	64QAM	1	0	16.85	16.85	16.76	16.92	17.50
		1	38	16.84	16.80	16.77	16.94	17.50
		1	74	16.80	16.88	16.79	16.87	17.50
		36	0	16.80	16.83	16.78	16.91	17.50
		36	18	16.83	16.83	16.85	16.85	17.50
		36	39	16.88	16.82	16.81	16.90	17.50
		75	0	16.80	16.80	16.76	16.92	17.50
	256QAM	1	0	16.88	16.86	16.82	16.89	17.50
		1	38	16.86	16.87	16.81	16.89	17.50
		1	74	16.80	16.82	16.83	16.90	17.50
		36	0	16.88	16.88	16.78	16.86	17.50
		36	18	16.86	16.83	16.80	16.87	17.50
		36	39	16.87	16.82	16.81	16.85	17.50
		75	0	16.82	16.86	16.83	16.93	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Tune up
				55340	55830	56150	56640	
20MHz	QPSK	1	0	17.09	17.19	17.06	17.02	17.50
		1	50	16.84	16.82	16.81	16.92	17.50

		1	99	16.85	16.81	16.85	16.90	17.50
		50	0	16.92	16.97	16.88	16.90	17.50
		50	25	16.83	16.87	16.80	16.87	17.50
		50	50	16.81	16.83	16.83	16.87	17.50
		100	0	16.79	16.94	16.84	16.93	17.50
	16QAM	1	0	16.79	16.87	16.85	16.88	17.50
		1	50	16.82	16.80	16.79	16.92	17.50
		1	99	16.83	16.83	16.79	16.91	17.50
		50	0	16.81	16.82	16.80	16.86	17.50
		50	25	16.84	16.86	16.83	16.92	17.50
		50	50	16.86	16.85	16.85	16.90	17.50
	64QAM	100	0	16.84	16.87	16.78	16.91	17.50
		1	0	16.82	16.84	16.84	16.92	17.50
		1	50	16.81	16.82	16.78	16.89	17.50
		1	99	16.85	16.82	16.78	16.85	17.50
		50	0	16.87	16.86	16.80	16.88	17.50
		50	25	16.87	16.86	16.78	16.90	17.50
	256QAM	50	50	16.84	16.86	16.78	16.94	17.50
		100	0	16.81	16.88	16.79	16.88	17.50
		1	0	16.87	16.79	16.79	16.93	17.50
		1	50	16.84	16.87	16.82	16.92	17.50
		1	99	16.81	16.79	16.83	16.90	17.50
		50	0	16.80	16.79	16.84	16.88	17.50
		50	25	16.82	16.79	16.81	16.85	17.50
	50	50	16.81	16.85	16.78	16.90	17.50	
	100	0	16.84	16.82	16.84	16.93	17.50	

LTE Band 48 DS14				Conducted Power(dBm)				
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Tune up
				55265	55810	56170	56715	
5MHz	QPSK	1	0	21.09	21.10	21.10	21.01	21.50
		1	13	20.89	20.91	20.75	20.92	21.50
		1	24	20.86	20.90	20.72	20.91	21.50
		12	0	20.85	20.88	20.72	20.91	21.50
		12	6	20.93	20.89	20.77	20.96	21.50
		12	13	20.85	20.90	20.76	20.91	21.50
		25	0	20.90	20.88	20.74	20.93	21.50
	16QAM	1	0	20.88	20.90	20.71	20.90	21.50
		1	13	20.86	20.89	20.76	20.92	21.50

		1	24	20.91	20.88	20.77	20.90	21.50	
		12	0	20.89	20.89	20.71	20.96	21.50	
		12	6	20.93	20.89	20.72	20.92	21.50	
		12	13	20.88	20.89	20.78	20.92	21.50	
		25	0	20.87	20.87	20.71	20.91	21.50	
	64QAM	1	0	20.85	20.92	20.75	20.98	21.50	
		1	13	20.85	20.87	20.74	20.90	21.50	
		1	24	20.89	20.87	20.76	20.90	21.50	
		12	0	20.90	20.87	20.71	20.89	21.50	
		12	6	20.87	20.91	20.71	20.97	21.50	
		12	13	20.89	20.90	20.72	20.96	21.50	
	256QAM	25	0	20.91	20.93	20.71	20.97	21.50	
		1	0	19.28	19.34	19.32	19.37	20.00	
		1	13	19.40	19.42	19.36	19.37	20.00	
		1	24	19.56	19.56	19.45	19.50	20.00	
		12	0	19.33	19.36	19.35	19.30	20.00	
		12	6	19.07	19.11	19.12	19.02	20.00	
		12	13	19.16	19.19	19.08	19.21	20.00	
	25	0	19.33	19.34	19.34	19.38	20.00		
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Tune up
					55290	55815	56165	56690	
10MHz	QPSK	1	0	21.06	21.06	21.05	21.00	21.50	
		1	25	20.85	20.90	20.73	20.92	21.50	
		1	49	20.92	20.91	20.71	20.94	21.50	
		25	0	20.87	20.87	20.70	20.97	21.50	
		25	13	20.91	20.92	20.72	20.96	21.50	
		25	25	20.91	20.92	20.78	20.92	21.50	
		50	0	20.88	20.92	20.78	20.94	21.50	
	16QAM	1	0	20.91	20.87	20.73	20.91	21.50	
		1	25	20.85	20.88	20.75	20.97	21.50	
		1	49	20.90	20.90	20.79	20.98	21.50	
		25	0	20.87	20.90	20.70	20.95	21.50	
		25	13	20.90	20.84	20.77	20.94	21.50	
		25	25	20.90	20.88	20.73	20.95	21.50	
		50	0	20.90	20.90	20.72	20.92	21.50	
	64QAM	1	0	20.85	20.86	20.71	20.95	21.50	
		1	25	20.85	20.89	20.71	20.92	21.50	
		1	49	20.90	20.88	20.77	20.98	21.50	
		25	0	20.86	20.87	20.72	20.97	21.50	
		25	13	20.91	20.84	20.77	20.98	21.50	

		25	25	20.93	20.90	20.75	20.89	21.50
		50	0	20.87	20.86	20.74	20.93	21.50
	256QAM	1	0	19.27	19.30	19.33	19.35	20.00
		1	25	19.39	19.39	19.37	19.35	20.00
		1	49	19.54	19.60	19.48	19.56	20.00
		25	0	19.35	19.32	19.34	19.33	20.00
		25	13	19.10	19.10	19.09	19.03	20.00
		25	25	19.19	19.19	19.07	19.13	20.00
		50	0	19.34	19.39	19.35	19.39	20.00
<b>Bandwidth</b>	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Tune up
				55315	55820	56160	56665	
<b>15MHz</b>	QPSK	1	0	21.06	21.08	21.06	21.02	21.50
		1	38	20.86	20.86	20.74	20.92	21.50
		1	74	20.92	20.85	20.74	20.98	21.50
		36	0	20.90	20.93	20.76	20.95	21.50
		36	18	20.92	20.90	20.74	20.90	21.50
		36	39	20.85	20.92	20.79	20.92	21.50
		75	0	20.87	20.92	20.76	20.98	21.50
	16QAM	1	0	20.86	20.87	20.79	20.96	21.50
		1	38	20.88	20.90	20.72	20.93	21.50
		1	74	20.86	20.89	20.73	20.91	21.50
		36	0	20.87	20.92	20.70	20.94	21.50
		36	18	20.93	20.91	20.74	20.93	21.50
		36	39	20.87	20.85	20.71	20.92	21.50
	64QAM	75	0	20.87	20.88	20.78	20.93	21.50
		1	0	20.91	20.85	20.76	20.98	21.50
		1	38	20.93	20.84	20.77	20.97	21.50
		1	74	20.84	20.90	20.71	20.91	21.50
		36	0	20.84	20.90	20.76	20.93	21.50
		36	18	20.89	20.90	20.79	20.89	21.50
	256QAM	36	39	20.86	20.85	20.76	20.98	21.50
		75	0	20.90	20.92	20.72	20.91	21.50
		1	0	19.25	19.34	19.38	19.37	20.00
		1	38	19.37	19.39	19.33	19.34	20.00
		1	74	19.54	19.56	19.46	19.53	20.00
		36	0	19.32	19.34	19.37	19.32	20.00
		36	18	19.16	19.09	19.10	19.07	20.00
	36	39	19.22	19.20	19.10	19.18	20.00	
	75	0	19.33	19.38	19.28	19.33	20.00	
<b>Bandwidth</b>	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Tune up

				55340	55830	56150	56640	
<b>20MHz</b>	<b>QPSK</b>	1	0	21.08	21.12	21.04	21.03	21.50
		1	50	20.87	20.90	20.76	20.95	21.50
		1	99	20.87	20.88	20.72	20.89	21.50
		50	0	20.91	20.92	20.81	20.95	21.50
		50	25	20.89	20.85	20.73	20.93	21.50
		50	50	20.90	20.91	20.74	20.93	21.50
		100	0	20.86	20.98	20.74	20.91	21.50
	<b>16QAM</b>	1	0	20.87	20.86	20.75	20.98	21.50
		1	50	20.91	20.90	20.71	20.97	21.50
		1	99	20.84	20.89	20.77	20.92	21.50
		50	0	20.87	20.91	20.74	20.98	21.50
		50	25	20.91	20.92	20.74	20.91	21.50
		50	50	20.85	20.89	20.75	20.90	21.50
		100	0	20.86	20.88	20.74	20.91	21.50
	<b>64QAM</b>	1	0	20.93	20.86	20.74	20.89	21.50
		1	50	20.91	20.88	20.73	20.91	21.50
		1	99	20.84	20.86	20.76	20.97	21.50
		50	0	20.90	20.86	20.72	20.89	21.50
		50	25	20.89	20.89	20.79	20.97	21.50
		50	50	20.86	20.88	20.71	20.93	21.50
		100	0	20.92	20.91	20.78	20.95	21.50
	<b>256QAM</b>	1	0	19.31	19.30	19.35	19.44	20.00
		1	50	19.45	19.39	19.29	19.34	20.00
		1	99	19.55	19.53	19.51	19.53	20.00
		50	0	19.36	19.37	19.33	19.31	20.00
		50	25	19.13	19.13	19.12	19.07	20.00
		50	50	19.18	19.21	19.10	19.13	20.00
		100	0	19.34	19.37	19.28	19.30	20.00

## 9 Conducted Power of Main Antenna(Ant8)

### 9.1 Conducted Power of LTE

LTE Band 48 Full Power				Conducted Power(dBm)				
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Tune up
				55265	55810	56170	56715	
5MHz	QPSK	1	0	23.56	23.60	23.52	23.64	24.00
		1	13	23.52	23.53	23.49	23.58	24.00
		1	24	23.56	23.53	23.54	23.59	24.00
		12	0	22.51	22.52	22.47	22.51	23.00
		12	6	22.55	22.51	22.51	22.48	23.00
		12	13	22.62	22.60	22.51	22.49	23.00
		25	0	22.64	22.62	22.53	22.57	23.00
	16QAM	1	0	22.54	22.56	22.46	22.43	23.00
		1	13	22.61	22.56	22.46	22.45	23.00
		1	24	22.58	22.58	22.48	22.51	23.00
		12	0	21.67	21.73	21.65	21.57	22.00
		12	6	21.69	21.71	21.66	21.73	22.00
		12	13	21.62	21.61	21.53	21.57	22.00
		25	0	21.60	21.59	21.60	21.60	22.00
	64QAM	1	0	21.49	21.52	21.44	21.38	22.00
		1	13	21.30	21.22	21.33	21.37	22.00
		1	24	21.45	21.52	21.43	21.39	22.00
		12	0	20.72	20.72	20.67	20.65	21.00
		12	6	20.55	20.55	20.63	20.56	21.00
		12	13	20.61	20.60	20.60	20.61	21.00
		25	0	20.59	20.62	20.59	20.52	21.00
	256QAM	1	0	18.38	18.40	18.44	18.46	19.00
		1	13	18.47	18.49	18.42	18.42	19.00
		1	24	18.69	18.65	18.55	18.59	19.00
		12	0	18.41	18.43	18.40	18.40	19.00
		12	6	18.22	18.17	18.21	18.19	19.00
		12	13	18.26	18.28	18.20	18.23	19.00
		25	0	18.45	18.46	18.38	18.37	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Tune up

				55290	55815	56165	56690	
<b>10MHz</b>	QPSK	1	0	23.56	23.58	23.59	23.62	24.00
		1	25	23.58	23.58	23.52	23.64	24.00
		1	49	23.55	23.60	23.56	23.60	24.00
		25	0	22.53	22.46	22.45	22.52	23.00
		25	13	22.49	22.49	22.58	22.49	23.00
		25	25	22.59	22.57	22.47	22.52	23.00
		50	0	22.56	22.58	22.54	22.52	23.00
	16QAM	1	0	22.57	22.59	22.48	22.46	23.00
		1	25	22.60	22.59	22.50	22.48	23.00
		1	49	22.57	22.54	22.46	22.43	23.00
		25	0	21.68	21.68	21.61	21.58	22.00
		25	13	21.70	21.65	21.71	21.73	22.00
		25	25	21.60	21.58	21.51	21.56	22.00
		50	0	21.65	21.63	21.62	21.54	22.00
	64QAM	1	0	21.45	21.49	21.42	21.41	22.00
		1	25	21.29	21.28	21.35	21.33	22.00
		1	49	21.46	21.45	21.43	21.34	22.00
		25	0	20.76	20.72	20.70	20.67	21.00
		25	13	20.61	20.55	20.63	20.56	21.00
		25	25	20.63	20.57	20.62	20.60	21.00
		50	0	20.59	20.55	20.64	20.50	21.00
	256QAM	1	0	18.43	18.39	18.45	18.44	19.00
		1	25	18.49	18.52	18.38	18.40	19.00
		1	49	18.60	18.65	18.61	18.61	19.00
		25	0	18.41	18.39	18.40	18.37	19.00
		25	13	18.20	18.16	18.22	18.20	19.00
		25	25	18.28	18.28	18.20	18.26	19.00
		50	0	18.40	18.40	18.40	18.39	19.00
<b>Bandwidth</b>	<b>Modulation</b>	<b>RB size</b>	<b>RB offset</b>	Channel	Channel	Channel	Channel	<b>Tune up</b>
				55315	55820	56160	56665	
<b>15MHz</b>	QPSK	1	0	23.61	23.56	23.55	23.64	24.00
		1	38	23.54	23.58	23.51	23.62	24.00
		1	74	23.60	23.53	23.55	23.64	24.00
		36	0	22.47	22.47	22.44	22.54	23.00
		36	18	22.49	22.53	22.54	22.51	23.00
		36	39	22.59	22.58	22.44	22.51	23.00
		75	0	22.59	22.55	22.51	22.49	23.00
	16QAM	1	0	22.55	22.56	22.44	22.43	23.00
		1	38	22.58	22.58	22.46	22.50	23.00

		1	74	22.61	22.55	22.46	22.50	23.00
		36	0	21.72	21.71	21.62	21.57	22.00
		36	18	21.70	21.69	21.67	21.76	22.00
		36	39	21.60	21.58	21.55	21.56	22.00
		75	0	21.64	21.62	21.57	21.61	22.00
	64QAM	1	0	21.47	21.48	21.42	21.41	22.00
		1	38	21.28	21.24	21.29	21.30	22.00
		1	74	21.43	21.46	21.42	21.37	22.00
		36	0	20.71	20.69	20.70	20.63	21.00
		36	18	20.61	20.57	20.63	20.56	21.00
		36	39	20.59	20.56	20.57	20.57	21.00
	256QAM	75	0	20.60	20.55	20.65	20.55	21.00
		1	0	18.38	18.39	18.45	18.51	19.00
		1	38	18.47	18.46	18.38	18.39	19.00
		1	74	18.60	18.64	18.55	18.63	19.00
		36	0	18.43	18.40	18.41	18.42	19.00
		36	18	18.15	18.20	18.21	18.20	19.00
		36	39	18.23	18.30	18.19	18.23	19.00
75	0	18.40	18.42	18.37	18.36	19.00		
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Tune up
				55340	55830	56150	56640	
20MHz	QPSK	1	0	23.69	23.71	23.63	23.63	24.00
		1	50	23.61	23.55	23.51	23.60	24.00
		1	99	23.61	23.53	23.58	23.60	24.00
		50	0	22.48	22.58	22.48	22.53	23.00
		50	25	22.32	22.48	22.34	22.46	23.00
		50	50	22.32	22.52	22.35	22.43	23.00
		100	0	22.52	22.58	22.54	22.52	23.00
	16QAM	1	0	22.57	22.61	22.46	22.49	23.00
		1	50	22.58	22.54	22.47	22.51	23.00
		1	99	22.60	22.59	22.44	22.43	23.00
		50	0	21.68	21.71	21.66	21.63	22.00
		50	25	21.70	21.66	21.68	21.73	22.00
		50	50	21.58	21.64	21.54	21.52	22.00
		100	0	21.62	21.65	21.64	21.62	22.00
	64QAM	1	0	21.48	21.48	21.46	21.42	22.00
		1	50	21.28	21.30	21.28	21.30	22.00
		1	99	21.44	21.44	21.43	21.37	22.00
		50	0	20.71	20.69	20.66	20.67	21.00
		50	25	20.62	20.54	20.66	20.58	21.00



		50	50	20.62	20.63	20.59	20.56	21.00
		100	0	20.59	20.60	20.59	20.49	21.00
	256QAM	1	0	18.38	18.46	18.41	18.44	19.00
		1	50	18.47	18.48	18.44	18.38	19.00
		1	99	18.64	18.63	18.55	18.61	19.00
		50	0	18.41	18.44	18.34	18.40	19.00
		50	25	18.14	18.16	18.18	18.19	19.00
		50	50	18.28	18.25	18.21	18.23	19.00
		100	0	18.45	18.42	18.37	18.40	19.00

## 10 Conducted Power of Main Antenna(Ant9)

### 10.1 Conducted Power of LTE

LTE Band 48 Full Power				Conducted Power(dBm)				
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Tune up
				55265	55810	56170	56715	
5MHz	QPSK	1	0	23.11	23.07	23.08	23.14	23.50
		1	13	23.09	23.09	22.98	23.05	23.50
		1	24	23.10	23.09	23.04	23.07	23.50
		12	0	22.02	21.98	21.97	22.04	22.50
		12	6	22.05	21.98	22.06	22.00	22.50
		12	13	22.05	22.08	21.98	21.95	22.50
		25	0	22.11	22.11	22.04	22.07	22.50
	16QAM	1	0	22.06	22.08	21.96	21.99	22.50
		1	13	22.12	22.09	22.00	21.99	22.50
		1	24	22.05	22.06	21.99	21.95	22.50
		12	0	21.17	21.19	21.16	21.08	21.50
		12	6	21.23	21.22	21.14	21.23	21.50
		12	13	21.10	21.11	21.04	21.04	21.50
		25	0	21.13	21.16	21.13	21.08	21.50
	64QAM	1	0	20.96	20.98	20.97	20.91	21.50
		1	13	20.73	20.78	20.84	20.86	21.50
		1	24	20.94	20.98	20.98	20.91	21.50
		12	0	20.21	20.23	20.16	20.12	20.50
		12	6	20.11	20.06	20.10	20.03	20.50
		12	13	20.15	20.14	20.10	20.05	20.50
		25	0	20.13	20.08	20.07	19.99	20.50
	256QAM	1	0	17.95	17.88	17.96	17.99	18.50
		1	13	18.00	18.01	17.92	17.88	18.50

		1	24	18.13	18.14	18.10	18.13	18.50
		12	0	17.96	17.95	17.90	17.91	18.50
		12	6	17.68	17.69	17.72	17.64	18.50
		12	13	17.73	17.78	17.70	17.76	18.50
		25	0	17.89	17.90	17.86	17.91	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Tune up
				55290	55815	56165	56690	
10MHz	QPSK	1	0	23.04	23.10	23.05	23.15	23.50
		1	25	23.03	23.08	22.97	23.12	23.50
		1	49	23.10	23.07	23.06	23.13	23.50
		25	0	22.01	22.02	22.00	22.05	22.50
		25	13	22.04	22.02	22.03	22.00	22.50
		25	25	22.10	22.12	21.97	21.95	22.50
		50	0	22.09	22.07	22.08	22.05	22.50
	16QAM	1	0	22.03	22.10	21.99	21.94	22.50
		1	25	22.11	22.09	22.02	21.97	22.50
		1	49	22.09	22.06	21.99	21.94	22.50
		25	0	21.14	21.17	21.15	21.12	21.50
		25	13	21.21	21.17	21.20	21.26	21.50
		25	25	21.08	21.15	21.05	21.06	21.50
		50	0	21.12	21.08	21.13	21.09	21.50
	64QAM	1	0	20.98	21.02	20.93	20.90	21.50
		1	25	20.78	20.77	20.82	20.86	21.50
		1	49	21.01	20.93	20.97	20.86	21.50
		25	0	20.27	20.28	20.21	20.16	20.50
		25	13	20.06	20.05	20.12	20.01	20.50
		25	25	20.14	20.14	20.11	20.08	20.50
		50	0	20.09	20.05	20.09	20.04	20.50
	256QAM	1	0	17.97	17.92	17.91	18.02	18.50
		1	25	17.97	17.98	17.95	17.94	18.50
		1	49	18.19	18.18	18.05	18.10	18.50
		25	0	17.95	17.90	17.88	17.88	18.50
		25	13	17.63	17.69	17.67	17.69	18.50
		25	25	17.73	17.80	17.67	17.72	18.50
		50	0	17.94	17.97	17.86	17.91	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Tune up
				55315	55820	56160	56665	
15MHz	QPSK	1	0	23.06	23.05	23.03	23.11	23.50
		1	38	23.07	23.07	22.98	23.08	23.50
		1	74	23.06	23.09	23.05	23.10	23.50

		36	0	21.98	22.01	21.98	22.01	22.50	
		36	18	22.04	22.04	22.02	21.96	22.50	
		36	39	22.03	22.10	21.98	21.99	22.50	
		75	0	22.14	22.07	22.01	22.04	22.50	
	16QAM	1	0	22.04	22.05	21.95	22.00	22.50	
		1	38	22.06	22.08	21.95	21.97	22.50	
		1	74	22.09	22.10	21.96	21.97	22.50	
		36	0	21.16	21.20	21.10	21.14	21.50	
		36	18	21.22	21.18	21.21	21.19	21.50	
		36	39	21.11	21.13	21.08	21.05	21.50	
		75	0	21.11	21.12	21.09	21.08	21.50	
	64QAM	1	0	20.97	20.99	20.98	20.87	21.50	
		1	38	20.72	20.74	20.81	20.85	21.50	
		1	74	20.94	20.99	20.94	20.92	21.50	
		36	0	20.23	20.26	20.17	20.14	20.50	
		36	18	20.07	20.10	20.14	20.07	20.50	
		36	39	20.11	20.10	20.11	20.10	20.50	
		75	0	20.07	20.12	20.15	19.97	20.50	
	256QAM	1	0	17.91	17.92	18.00	17.98	18.50	
		1	38	17.99	18.00	17.90	17.89	18.50	
		1	74	18.12	18.11	18.07	18.13	18.50	
		36	0	17.89	17.90	17.91	17.90	18.50	
		36	18	17.70	17.65	17.68	17.71	18.50	
		36	39	17.78	17.73	17.66	17.72	18.50	
		75	0	17.90	17.97	17.86	17.94	18.50	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Tune up
					55340	55830	56150	56640	
	20MHz	QPSK	1	0	23.19	23.23	23.13	23.19	23.50
1			50	23.09	23.10	23.01	23.11	23.50	
1			99	23.03	23.10	23.05	23.12	23.50	
50			0	22.08	22.09	22.07	22.04	22.50	
50			25	22.01	21.97	21.99	22.01	22.50	
50			50	22.07	22.04	21.97	21.95	22.50	
100			0	22.10	22.12	22.09	22.01	22.50	
16QAM		1	0	22.10	22.12	22.02	21.95	22.50	
		1	50	22.09	22.07	22.00	22.00	22.50	
		1	99	22.04	22.08	21.97	22.00	22.50	
		50	0	21.17	21.20	21.09	21.08	21.50	
		50	25	21.17	21.20	21.17	21.19	21.50	
		50	50	21.11	21.06	21.05	21.01	21.50	

	64QAM	100	0	21.16	21.17	21.07	21.05	21.50
		1	0	20.99	20.98	20.91	20.89	21.50
		1	50	20.74	20.79	20.84	20.82	21.50
		1	99	21.00	20.96	20.94	20.88	21.50
		50	0	20.27	20.21	20.19	20.13	20.50
		50	25	20.13	20.12	20.15	20.06	20.50
		50	50	20.14	20.09	20.09	20.08	20.50
	100	0	20.11	20.10	20.11	20.04	20.50	
	256QAM	1	0	17.89	17.90	17.95	17.97	18.50
		1	50	18.01	17.97	17.93	17.94	18.50
		1	99	18.19	18.11	18.05	18.13	18.50
		50	0	17.94	17.97	17.91	17.92	18.50
		50	25	17.64	17.63	17.70	17.66	18.50
		50	50	17.77	17.79	17.72	17.79	18.50
100		0	17.89	17.97	17.87	17.89	18.50	

LTE Band 48 DSI1				Conducted Power(dBm)				
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Tune up
				55265	55810	56170	56715	
5MHz	QPSK	1	0	21.12	21.11	21.01	21.08	21.50
		1	13	20.97	21.00	20.93	21.05	21.50
		1	24	21.03	20.98	20.95	21.07	21.50
		12	0	21.05	20.97	20.96	21.08	21.50
		12	6	20.98	21.01	20.92	21.10	21.50
		12	13	21.03	21.01	20.95	21.07	21.50
		25	0	21.03	21.01	20.94	21.06	21.50
	16QAM	1	0	21.03	21.05	21.00	21.10	21.50
		1	13	20.99	21.04	20.95	21.06	21.50
		1	24	20.98	20.97	20.95	21.08	21.50
		12	0	21.00	21.04	20.92	21.06	21.50
		12	6	20.97	21.01	20.94	21.06	21.50
		12	13	21.01	21.02	20.92	21.10	21.50
		25	0	21.02	21.03	20.94	21.03	21.50
	64QAM	1	0	20.99	20.99	20.93	21.03	21.50
		1	13	21.03	20.98	20.94	21.07	21.50
		1	24	21.01	20.99	20.95	21.05	21.50
		12	0	20.25	20.18	20.18	20.16	20.50
		12	6	20.13	20.09	20.12	20.02	20.50
		12	13	20.09	20.07	20.12	20.06	20.50

		25	0	20.09	20.08	20.08	20.03	20.50	
	256QAM	1	0	17.93	17.87	17.92	17.95	18.50	
		1	13	17.96	17.96	17.93	17.94	18.50	
		1	24	18.15	18.15	18.07	18.11	18.50	
		12	0	17.98	17.98	17.90	17.92	18.50	
		12	6	17.65	17.62	17.72	17.69	18.50	
		12	13	17.81	17.81	17.70	17.80	18.50	
		25	0	18.00	18.00	17.87	17.90	18.50	
<b>Bandwidth</b>		<b>Modulation</b>	<b>RB size</b>	<b>RB offset</b>	<b>Channel</b>	<b>Channel</b>	<b>Channel</b>	<b>Channel</b>	<b>Tune up</b>
				55290	55815	56165	56690		
<b>10MHz</b>	QPSK	1	0	21.07	21.07	21.01	21.04	21.50	
		1	25	20.97	21.01	20.99	21.04	21.50	
		1	49	21.04	21.01	20.96	21.10	21.50	
		25	0	21.04	20.97	20.99	21.08	21.50	
		25	13	20.96	21.02	20.99	21.08	21.50	
		25	25	21.04	21.03	20.93	21.04	21.50	
		50	0	21.03	21.02	20.92	21.06	21.50	
		16QAM	1	0	21.02	21.03	20.98	21.05	21.50
	1	25	20.98	21.04	20.93	21.06	21.50		
	1	49	20.97	20.99	20.91	21.04	21.50		
	25	0	21.02	21.00	20.99	21.09	21.50		
	25	13	21.03	20.98	20.94	21.11	21.50		
	25	25	21.00	20.99	21.00	21.06	21.50		
	50	0	21.00	21.05	20.93	21.06	21.50		
	64QAM	1	0	20.97	20.99	20.93	21.09	21.50	
	1	25	21.02	20.99	20.92	21.06	21.50		
	1	49	21.04	20.98	20.94	21.10	21.50		
	25	0	20.20	20.23	20.20	20.17	20.50		
	25	13	20.10	20.09	20.17	20.03	20.50		
	25	25	20.13	20.12	20.06	20.08	20.50		
	50	0	20.11	20.07	20.10	20.05	20.50		
	256QAM	1	0	17.91	17.90	18.00	17.94	18.50	
	1	25	17.93	17.95	17.90	17.90	18.50		
	1	49	18.15	18.16	18.03	18.15	18.50		
	25	0	17.97	17.95	17.92	17.95	18.50		
	25	13	17.65	17.65	17.73	17.68	18.50		
	25	25	17.79	17.79	17.76	17.79	18.50		
	50	0	17.96	17.98	17.85	17.86	18.50		
	<b>Bandwidth</b>	<b>Modulation</b>	<b>RB size</b>	<b>RB offset</b>	<b>Channel</b>	<b>Channel</b>	<b>Channel</b>	<b>Channel</b>	<b>Tune up</b>
					55315	55820	56160	56665	

15MHz	QPSK	1	0	21.07	21.10	21.05	21.08	21.50
		1	38	20.99	20.98	20.92	21.08	21.50
		1	74	21.01	21.01	20.93	21.09	21.50
		36	0	20.97	20.98	20.94	21.09	21.50
		36	18	21.03	21.00	20.96	21.11	21.50
		36	39	20.97	21.03	20.95	21.08	21.50
		75	0	21.02	20.98	20.99	21.03	21.50
	16QAM	1	0	21.04	20.99	20.92	21.08	21.50
		1	38	21.03	21.01	20.96	21.07	21.50
		1	74	20.99	20.97	20.99	21.05	21.50
		36	0	21.05	21.03	20.95	21.09	21.50
		36	18	20.97	21.05	20.93	21.07	21.50
		36	39	20.97	21.02	20.94	21.09	21.50
		75	0	21.03	21.01	20.92	21.09	21.50
	64QAM	1	0	21.05	21.01	20.95	21.10	21.50
		1	38	21.01	20.99	20.91	21.05	21.50
		1	74	20.98	21.02	20.97	21.10	21.50
		36	0	20.23	20.20	20.23	20.11	20.50
		36	18	20.15	20.16	20.17	20.05	20.50
		36	39	20.14	20.09	20.08	20.12	20.50
		75	0	20.09	20.09	20.11	20.02	20.50
	256QAM	1	0	17.90	17.87	18.00	18.00	18.50
		1	38	18.01	17.94	17.95	17.98	18.50
		1	74	18.12	18.14	18.02	18.12	18.50
		36	0	17.98	18.01	17.94	17.92	18.50
		36	18	17.63	17.65	17.71	17.63	18.50
		36	39	17.81	17.81	17.74	17.78	18.50
		75	0	17.93	18.02	17.88	17.91	18.50
<b>Bandwidth</b>	<b>Modulation</b>	<b>RB size</b>	<b>RB offset</b>	<b>Channel</b>	<b>Channel</b>	<b>Channel</b>	<b>Channel</b>	<b>Tune up</b>
				55340	55830	56150	56640	
20MHz	QPSK	1	0	21.10	21.19	21.09	21.14	21.50
		1	50	21.05	21.04	20.98	21.06	21.50
		1	99	20.98	21.04	20.95	21.04	21.50
		50	0	21.01	21.11	20.99	21.10	21.50
		50	25	20.96	21.04	20.98	21.09	21.50
		50	50	21.04	21.02	20.96	21.02	21.50
		100	0	20.97	21.12	20.94	21.09	21.50
	16QAM	1	0	20.96	21.04	20.95	21.04	21.50
		1	50	21.03	20.97	20.98	21.03	21.50
		1	99	21.01	21.00	20.96	21.05	21.50

		50	0	20.98	21.00	20.93	21.08	21.50
		50	25	21.00	21.03	21.00	21.05	21.50
		50	50	21.01	21.01	20.93	21.10	21.50
		100	0	21.03	21.00	21.00	21.07	21.50
	64QAM	1	0	20.98	20.98	20.95	21.04	21.50
		1	50	21.02	21.03	20.99	21.05	21.50
		1	99	21.01	21.03	21.00	21.11	21.50
		50	0	20.24	20.19	20.18	20.10	20.50
		50	25	20.16	20.10	20.17	20.09	20.50
		50	50	20.10	20.12	20.12	20.08	20.50
		100	0	20.08	20.06	20.10	20.01	20.50
	256QAM	1	0	17.95	17.90	17.99	17.97	18.50
		1	50	17.97	17.98	17.93	17.96	18.50
		1	99	18.11	18.12	18.10	18.18	18.50
50		0	17.99	18.00	17.87	17.93	18.50	
50		25	17.63	17.65	17.72	17.63	18.50	
50		50	17.77	17.81	17.74	17.81	18.50	
100		0	17.96	17.96	17.87	17.91	18.50	

LTE Band 48 DSI3 DSI5				Conducted Power(dBm)				
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Tune up
				55265	55810	56170	56715	
5MHz	QPSK	1	0	20.68	20.66	20.54	20.57	21.00
		1	13	20.54	20.51	20.41	20.45	21.00
		1	24	20.49	20.55	20.41	20.49	21.00
		12	0	20.54	20.55	20.45	20.49	21.00
		12	6	20.52	20.51	20.47	20.50	21.00
		12	13	20.52	20.54	20.44	20.51	21.00
		25	0	20.51	20.53	20.42	20.47	21.00
	16QAM	1	0	20.55	20.55	20.40	20.47	21.00
		1	13	20.55	20.49	20.44	20.45	21.00
		1	24	20.57	20.52	20.42	20.50	21.00
		12	0	20.50	20.55	20.43	20.51	21.00
		12	6	20.55	20.56	20.42	20.51	21.00
		12	13	20.55	20.52	20.47	20.45	21.00
		25	0	20.54	20.57	20.39	20.49	21.00
	64QAM	1	0	20.48	20.51	20.43	20.49	21.00
		1	13	20.53	20.53	20.45	20.46	21.00
		1	24	20.49	20.51	20.39	20.45	21.00

		12	0	20.21	20.25	20.22	20.13	20.50	
		12	6	20.16	20.16	20.14	20.11	20.50	
		12	13	20.12	20.08	20.07	20.06	20.50	
		25	0	20.07	20.11	20.10	20.03	20.50	
	256QAM	1	0	17.91	17.87	17.99	17.94	18.50	
		1	13	17.99	17.97	17.90	17.94	18.50	
		1	24	18.10	18.16	18.03	18.10	18.50	
		12	0	17.98	18.00	17.92	17.91	18.50	
		12	6	17.60	17.68	17.72	17.68	18.50	
		12	13	17.84	17.83	17.76	17.78	18.50	
		25	0	17.97	17.94	17.88	17.94	18.50	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Tune up
					55290	55815	56165	56690	
10MHz	QPSK	1	0	20.64	20.67	20.46	20.59	21.00	
		1	25	20.48	20.50	20.46	20.49	21.00	
		1	49	20.54	20.53	20.42	20.49	21.00	
		25	0	20.54	20.49	20.47	20.49	21.00	
		25	13	20.57	20.55	20.46	20.46	21.00	
		25	25	20.54	20.55	20.42	20.51	21.00	
		50	0	20.55	20.56	20.43	20.44	21.00	
	16QAM	1	0	20.54	20.56	20.43	20.47	21.00	
		1	25	20.56	20.50	20.39	20.47	21.00	
		1	49	20.56	20.55	20.48	20.48	21.00	
		25	0	20.54	20.55	20.44	20.53	21.00	
		25	13	20.52	20.53	20.45	20.46	21.00	
		25	25	20.51	20.48	20.46	20.49	21.00	
		50	0	20.52	20.53	20.43	20.46	21.00	
	64QAM	1	0	20.51	20.49	20.44	20.47	21.00	
		1	25	20.57	20.50	20.47	20.50	21.00	
		1	49	20.55	20.54	20.39	20.45	21.00	
		25	0	20.19	20.26	20.23	20.13	20.50	
		25	13	20.09	20.14	20.13	20.08	20.50	
		25	25	20.13	20.07	20.12	20.07	20.50	
		50	0	20.11	20.13	20.11	20.00	20.50	
	256QAM	1	0	17.90	17.93	17.95	17.94	18.50	
		1	25	18.00	17.96	17.90	17.90	18.50	
		1	49	18.16	18.09	18.02	18.13	18.50	
		25	0	18.01	17.99	17.92	17.94	18.50	
		25	13	17.59	17.64	17.72	17.69	18.50	
		25	25	17.77	17.78	17.71	17.77	18.50	



Bandwidth	Modulation	RB size	RB offset	50	0	17.97	17.96	17.87	17.85	18.50		
				Channel	Channel	Channel	Channel	Tune up				
15MHz	QPSK	1	0	55315	55820	56160	56665	20.64	20.70	20.51	20.60	21.00
		1	38	20.52	20.52	20.45	20.50	21.00				
		1	74	20.51	20.54	20.42	20.48	21.00				
		36	0	20.54	20.53	20.42	20.52	21.00				
		36	18	20.56	20.48	20.47	20.45	21.00				
		36	39	20.54	20.52	20.44	20.46	21.00				
		75	0	20.52	20.51	20.46	20.46	21.00				
	16QAM	1	0	20.48	20.48	20.40	20.50	21.00				
		1	38	20.54	20.49	20.42	20.48	21.00				
		1	74	20.50	20.56	20.39	20.50	21.00				
		36	0	20.49	20.56	20.41	20.51	21.00				
		36	18	20.51	20.50	20.47	20.50	21.00				
		36	39	20.52	20.56	20.44	20.50	21.00				
		75	0	20.51	20.48	20.46	20.48	21.00				
	64QAM	1	0	20.57	20.54	20.40	20.47	21.00				
		1	38	20.53	20.56	20.42	20.48	21.00				
		1	74	20.51	20.50	20.48	20.45	21.00				
		36	0	20.26	20.24	20.22	20.15	20.50				
		36	18	20.13	20.14	20.17	20.03	20.50				
		36	39	20.05	20.05	20.09	20.07	20.50				
		75	0	20.11	20.08	20.13	20.07	20.50				
	256QAM	1	0	17.91	17.92	17.94	17.96	18.50				
		1	38	17.94	17.94	17.95	17.90	18.50				
		1	74	18.12	18.15	18.05	18.10	18.50				
		36	0	17.95	18.01	17.93	17.88	18.50				
		36	18	17.66	17.67	17.74	17.69	18.50				
		36	39	17.78	17.78	17.70	17.79	18.50				
		75	0	18.01	17.98	17.85	17.92	18.50				
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Tune up			
					55340	55830	56150	56640				
	20MHz	QPSK	1	0	20.68	20.74	20.46	20.62	21.00			
			1	50	20.51	20.52	20.43	20.51	21.00			
			1	99	20.51	20.54	20.39	20.46	21.00			
			50	0	20.52	20.69	20.46	20.57	21.00			
			50	25	20.48	20.52	20.44	20.52	21.00			
			50	50	20.51	20.55	20.41	20.46	21.00			
100			0	20.54	20.69	20.42	20.46	21.00				

	16QAM	1	0	20.53	20.49	20.40	20.45	21.00
		1	50	20.56	20.56	20.40	20.45	21.00
		1	99	20.57	20.54	20.41	20.52	21.00
		50	0	20.51	20.53	20.41	20.49	21.00
		50	25	20.53	20.53	20.47	20.48	21.00
		50	50	20.50	20.49	20.44	20.46	21.00
		100	0	20.55	20.51	20.45	20.50	21.00
	64QAM	1	0	20.53	20.49	20.42	20.46	21.00
		1	50	20.52	20.49	20.45	20.45	21.00
		1	99	20.55	20.48	20.47	20.52	21.00
		50	0	20.20	20.21	20.16	20.18	20.50
		50	25	20.15	20.10	20.14	20.10	20.50
		50	50	20.12	20.13	20.06	20.13	20.50
		100	0	20.13	20.12	20.12	20.05	20.50
	256QAM	1	0	17.92	17.92	17.93	17.95	18.50
		1	50	18.02	18.00	17.94	17.98	18.50
		1	99	18.11	18.16	18.05	18.12	18.50
		50	0	17.94	18.02	17.88	17.92	18.50
		50	25	17.62	17.62	17.67	17.71	18.50
		50	50	17.79	17.78	17.75	17.83	18.50
		100	0	18.02	18.01	17.84	17.93	18.50

## 11 Conducted Power of LTE Uplink CA

### 11.1 Conducted Power of LTE Uplink CA(Ant2)

CA_7C Full Power										
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				
20850	21048	QPSK	1	0	0	0	1	0	23.78	24.70
21100	20902	QPSK	1	0	1	99	2	0	23.76	24.70
21350	21152	QPSK	1	0	1	99	2	0	23.64	24.70
20850	21048	QPSK	50	0	0	0	1	0	23.6	24.70
21100	20902	QPSK	50	0	1	49	2	0	23.52	24.70
21350	21152	QPSK	50	0	1	49	2	0	23.43	24.70
CA_7C DSI1&5										
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				
20850	21048	QPSK	1	0	0	0	1	0	16.2	16.70
21100	20902	QPSK	1	0	1	99	2	0	16.36	16.70
21350	21152	QPSK	1	0	1	99	2	0	16.25	16.70
20850	21048	QPSK	50	0	0	0	1	0	16.28	16.70
21100	20902	QPSK	50	0	1	49	2	0	16.34	16.70
21350	21152	QPSK	50	0	1	49	2	0	16.24	16.70
CA_7C DSI4										
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				
20850	21048	QPSK	1	0	0	0	1	0	19.08	19.70
21100	20902	QPSK	1	0	1	99	2	0	19.2	19.70
21350	21152	QPSK	1	0	1	99	2	0	19.22	19.70
20850	21048	QPSK	50	0	0	0	1	0	19.13	19.70
21100	20902	QPSK	50	0	1	49	2	0	19.17	19.70
21350	21152	QPSK	50	0	1	49	2	0	19.16	19.70

CA_38C Full Power										
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				
37850	38048	QPSK	1	0	0	0	1	0	23.69	24.50
37901	38099	QPSK	1	0	1	99	2	0	23.73	24.50
38150	37952	QPSK	1	0	1	99	2	0	23.72	24.50
37850	38048	QPSK	50	0	0	0	1	0	23.4	24.50
37901	38099	QPSK	50	0	1	49	2	0	23.37	24.50
38150	37952	QPSK	50	0	1	49	2	0	23.47	24.50
CA_38C DS1&5										
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				
37850	38048	QPSK	1	0	0	0	1	0	19.24	19.50
37901	38099	QPSK	1	0	1	99	2	0	19.33	19.50
38150	37952	QPSK	1	0	1	99	2	0	19.23	19.50
37850	38048	QPSK	50	0	0	0	1	0	19.3	19.50
37901	38099	QPSK	50	0	1	49	2	0	19.23	19.50
38150	37952	QPSK	50	0	1	49	2	0	19.21	19.50
CA_38C DS14										
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				
37850	38048	QPSK	1	0	0	0	1	0	21.78	22.00
37901	38099	QPSK	1	0	1	99	2	0	21.82	22.00
38150	37952	QPSK	1	0	1	99	2	0	21.72	22.00
37850	38048	QPSK	50	0	0	0	1	0	21.71	22.00
37901	38099	QPSK	50	0	1	49	2	0	21.75	22.00
38150	37952	QPSK	50	0	1	49	2	0	21.81	22.00

## 11.2 Conducted Power of LTE Uplink CA(Ant3)

CA_7C Full Power										
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				
20850	21048	QPSK	1	0	0	0	1	0	23.97	24.70
21100	20902	QPSK	1	0	1	99	2	0	23.93	24.70
21350	21152	QPSK	1	0	1	99	2	0	23.95	24.70
20850	21048	QPSK	50	0	0	0	1	0	23.68	24.70
21100	20902	QPSK	50	0	1	49	2	0	23.66	24.70
21350	21152	QPSK	50	0	1	49	2	0	23.6	24.70
CA_7C DSI1&5										
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				
20850	21048	QPSK	1	0	0	0	1	0	16.85	17.70
21100	20902	QPSK	1	0	1	99	2	0	16.99	17.70
21350	21152	QPSK	1	0	1	99	2	0	16.97	17.70
20850	21048	QPSK	50	0	0	0	1	0	16.94	17.70
21100	20902	QPSK	50	0	1	49	2	0	16.87	17.70
21350	21152	QPSK	50	0	1	49	2	0	16.85	17.70
CA_7C DSI3										
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				
20850	21048	QPSK	1	0	0	0	1	0	18.81	19.70
21100	20902	QPSK	1	0	1	99	2	0	18.99	19.70
21350	21152	QPSK	1	0	1	99	2	0	18.74	19.70
20850	21048	QPSK	50	0	0	0	1	0	18.9	19.70
21100	20902	QPSK	50	0	1	49	2	0	18.95	19.70
21350	21152	QPSK	50	0	1	49	2	0	18.9	19.70

CA_38C Full Power										
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				
37850	38048	QPSK	1	0	0	0	1	0	23.42	24.50
37901	38099	QPSK	1	0	1	99	2	0	23.52	24.50
38150	37952	QPSK	1	0	1	99	2	0	23.49	24.50
37850	38048	QPSK	50	0	0	0	1	0	23.14	24.50
37901	38099	QPSK	50	0	1	49	2	0	23.25	24.50
38150	37952	QPSK	50	0	1	49	2	0	23.25	24.50
CA_38C DSI1&5										
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				
37850	38048	QPSK	1	0	0	0	1	0	18.96	19.50
37901	38099	QPSK	1	0	1	99	2	0	19.18	19.50
38150	37952	QPSK	1	0	1	99	2	0	19.02	19.50
37850	38048	QPSK	50	0	0	0	1	0	19.03	19.50
37901	38099	QPSK	50	0	1	49	2	0	19.02	19.50
38150	37952	QPSK	50	0	1	49	2	0	18.9	19.50
CA_38C DSI3										
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				
37850	38048	QPSK	1	0	0	0	1	0	21.04	21.50
37901	38099	QPSK	1	0	1	99	2	0	21.09	21.50
38150	37952	QPSK	1	0	1	99	2	0	20.99	21.50
37850	38048	QPSK	50	0	0	0	1	0	21.04	21.50
37901	38099	QPSK	50	0	1	49	2	0	21.07	21.50
38150	37952	QPSK	50	0	1	49	2	0	20.89	21.50

### 11.3 Conducted Power of LTE Uplink CA(Ant4)

CA_38C Full Power										
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				
37850	38048	QPSK	1	0	0	0	1	0	22.91	24.50
37901	38099	QPSK	1	0	1	99	2	0	22.95	24.50
38150	37952	QPSK	1	0	1	99	2	0	22.93	24.50
37850	38048	QPSK	50	0	0	0	1	0	22.61	24.50
37901	38099	QPSK	50	0	1	49	2	0	22.52	24.50
38150	37952	QPSK	50	0	1	49	2	0	22.62	24.50
CA_38C DSI1&5										
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				
37850	38048	QPSK	1	0	0	0	1	0	17.72	18.50
37901	38099	QPSK	1	0	1	99	2	0	17.88	18.50
38150	37952	QPSK	1	0	1	99	2	0	17.9	18.50
37850	38048	QPSK	50	0	0	0	1	0	17.88	18.50
37901	38099	QPSK	50	0	1	49	2	0	17.79	18.50
38150	37952	QPSK	50	0	1	49	2	0	17.79	18.50
CA_38C DSI3										
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				
37850	38048	QPSK	1	0	0	0	1	0	20.76	21.50
37901	38099	QPSK	1	0	1	99	2	0	20.85	21.50
38150	37952	QPSK	1	0	1	99	2	0	20.93	21.50
37850	38048	QPSK	50	0	0	0	1	0	20.72	21.50
37901	38099	QPSK	50	0	1	49	2	0	20.9	21.50
38150	37952	QPSK	50	0	1	49	2	0	20.94	21.50

### 11.4 Conducted Power of LTE Uplink CA(Ant5)

CA_7C Full Power										
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				
20850	21048	QPSK	1	0	0	0	1	0	23.77	24.70
21100	20902	QPSK	1	0	1	99	2	0	23.98	24.70
21350	21152	QPSK	1	0	1	99	2	0	23.93	24.70
20850	21048	QPSK	50	0	0	0	1	0	23.55	24.70
21100	20902	QPSK	50	0	1	49	2	0	23.7	24.70
21350	21152	QPSK	50	0	1	49	2	0	23.52	24.70
CA_7C DSI3&5										
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				
20850	21048	QPSK	1	0	0	0	1	0	19.71	20.20
21100	20902	QPSK	1	0	1	99	2	0	20.03	20.20
21350	21152	QPSK	1	0	1	99	2	0	19.82	20.20
20850	21048	QPSK	50	0	0	0	1	0	19.85	20.20
21100	20902	QPSK	50	0	1	49	2	0	19.91	20.20
21350	21152	QPSK	50	0	1	49	2	0	19.85	20.20



CA_38C Full Power										
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				
37850	38048	QPSK	1	0	0	0	1	0	23.39	24.50
37901	38099	QPSK	1	0	1	99	2	0	23.54	24.50
38150	37952	QPSK	1	0	1	99	2	0	23.55	24.50
37850	38048	QPSK	50	0	0	0	1	0	23.17	24.50
37901	38099	QPSK	50	0	1	49	2	0	23.19	24.50
38150	37952	QPSK	50	0	1	49	2	0	23.26	24.50
CA_38C DS13&5										
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				
37850	38048	QPSK	1	0	0	0	1	0	21.01	21.50
37901	38099	QPSK	1	0	1	99	2	0	20.99	21.50
38150	37952	QPSK	1	0	1	99	2	0	20.89	21.50
37850	38048	QPSK	50	0	0	0	1	0	20.98	21.50
37901	38099	QPSK	50	0	1	49	2	0	21.03	21.50
38150	37952	QPSK	50	0	1	49	2	0	20.91	21.50

## 12 Conducted Power of LTE Downlink CA

CA List	PCC								SCC1				SCC2				Power	
	LTE	Ant	BW	UL	UL	Mod.	UL#	UL	LTE	BW	DL	DL	LTE	BW	DL	DL	With CA	Without CA
	Band		(MHz)	Freq.	Channel		RB	RB	Band	(MHz)	Freq.	Channel	Band	(MHz)	Freq.	Channel	Tx. Power	Tx. Power
		(MHz)	(MHz)	Offset	(MHz)	(MHz)	(MHz)	(dBm)			(dBm)							
CA_2A-2A	Band 2	2	20M	1880	18900	QPSK	1	0	Band 2	5M	1987.5	1175					24.8	24.93
	Band 2	5	20M	1880	18900	QPSK	1	0	Band 2	5M	1987.5	1175					25.21	25.38
CA_2A-4A	Band 2	2	20M	1880	18900	QPSK	1	0	Band 4	20M	2132.5	2175					24.78	24.93
	Band 2	5	20M	1880	18900	QPSK	1	0	Band 4	20M	2132.5	2175					25.19	25.38
	Band 4	2	20M	1732.5	20175	QPSK	1	0	Band 2	20M	1960	900					24.2	24.43
CA_4A-5A	Band 4	2	20M	1732.5	20175	QPSK	1	0	Band 5	10M	881.5	2525					25.29	25.37
	Band 4	3	20M	1732.5	20175	QPSK	1	0	Band 5	10M	881.5	2525					25.54	25.62
	Band 4	5	20M	1732.5	20175	QPSK	1	0	Band 5	10M	881.5	2525					25.11	25.19
	Band 5	0	10M	836.5	20525	QPSK	1	0	Band 4	20M	2132.5	2175					24.53	24.64
	Band 5	1	10M	836.5	20175	QPSK	1	0	Band 4	20M	2132.5	2175					24.27	24.36
CA_38C	Band 38	2	20M	2585.1	37901	QPSK	1	0	Band 38	20M	2604.9	38099					25.31	25.39
	Band 38	3	20M	2585.1	37901	QPSK	1	0	Band 38	20M	2604.9	38099					25.12	25.18
	Band 38	4	20M	2585.1	37901	QPSK	1	0	Band 38	20M	2604.9	38099					24.96	25.11
	Band 38	5	20M	2585.1	37901	QPSK	1	0	Band 38	20M	2604.9	38099					25.01	25.18
CA_41A-41A	Band 41	2	20M	2593	40620	QPSK	1	0	Band 41	5M	2687.5	41565					25.31	25.42
	Band 41	3	20M	2593	40620	QPSK	1	0	Band 41	5M	2687.5	41565					25.47	25.58
	Band 41	4	20M	2593	40620	QPSK	1	0	Band 41	5M	2687.5	41565					25.4	25.47
	Band 41	5	20M	2593	40620	QPSK	1	0	Band 41	5M	2687.5	41565					25.38	25.56
CA_41C	Band 41	2	20M	2593	40620	QPSK	1	0	Band 41	20M	2612.8	40818					25.18	25.42
	Band 41	3	20M	2593	40620	QPSK	1	0	Band 41	20M	2612.8	40818					25.42	25.58
	Band 41	4	20M	2593	40620	QPSK	1	0	Band 41	20M	2612.8	40818					25.36	25.47
	Band 41	5	20M	2593	40620	QPSK	1	0	Band 41	20M	2612.8	40818					25.39	25.56
CA_66A-66A	Band 66	2	20M	1745	132322	QPSK	1	0	Band 66	5M	2177.5	67111					25.4	25.59
	Band 66	3	20M	1745	132322	QPSK	1	0	Band 66	5M	2177.5	67111					25.39	25.57
	Band 66	5	20M	1745	132322	QPSK	1	0	Band 66	5M	2177.5	67111					25.44	25.58
CA_66C	Band 66	2	20M	1745	132322	QPSK	1	0	Band 66	20M	2164.8	66984					25.36	25.59
	Band 66	3	20M	1745	132322	QPSK	1	0	Band 66	20M	2164.8	66984					25.36	25.57
	Band 66	5	20M	1745	132322	QPSK	1	0	Band 66	20M	2164.8	66984					25.34	25.58
CA_66B	Band 66	2	15M	1745	132322	QPSK	1	0	Band 66	5M	2164.3	66979					25.38	25.59
	Band 66	3	15M	1745	132322	QPSK	1	0	Band 66	5M	2164.3	66979					25.37	25.57
	Band 66	5	15M	1745	132322	QPSK	1	0	Band 66	5M	2164.3	66979					25.34	25.58
CA_2A-7A-7A	Band 2	2	20M	1880	18900	QPSK	1	0	Band 7	20M	2655	3100	Band 7	5M	2687.5	3425	24.7	24.93
	Band 2	5	20M	1880	18900	QPSK	1	0	Band 7	20M	2655	3100	Band 7	5M	2687.5	3425	25.14	25.38
	Band 7	2	20M	2535	21100	QPSK	1	0	Band 7	5M	2687.5	3425	Band 2	20M	1960	900	25.33	25.45
	Band 7	3	20M	2535	21100	QPSK	1	0	Band 7	5M	2687.5	3425	Band 2	20M	1960	900	25.33	25.57
CA_2A-7C	Band 2	2	20M	1880	18900	QPSK	1	0	Band 7	20M	2655	3100	Band 7	20M	2674.8	3298	24.74	24.93
	Band 2	5	20M	1880	18900	QPSK	1	0	Band 7	20M	2655	3100	Band 7	20M	2674.8	3298	25.26	25.38

	Band 7	2	20M	2535	21100	QPSK	1	0	Band 7	20M	2674.8	3298	Band 2	20M	1960	900	25.28	25.45
	Band 7	3	20M	2535	21100	QPSK	1	0	Band 7	20M	2674.8	3298	Band 2	20M	1960	900	25.45	25.57
CA_4A-7C	Band 4	2	20M	1732.5	20175	QPSK	1	0	Band 7	20M	2655	3100	Band 7	20M	2674.8	3298	25.22	25.37
	Band 4	3	20M	1732.5	20175	QPSK	1	0	Band 7	20M	2655	3100	Band 7	20M	2674.8	3298	25.42	25.62
	Band 4	5	20M	1732.5	20175	QPSK	1	0	Band 7	20M	2655	3100	Band 7	20M	2674.8	3298	24.95	25.19
	Band 7	2	20M	2535	21100	QPSK	1	0	Band 7	20M	2674.8	3298	Band 4	20M	2132.5	2175	25.25	25.45
	Band 7	3	20M	2535	21100	QPSK	1	0	Band 7	20M	2674.8	3298	Band 4	20M	2132.5	2175	25.37	25.57
	Band 7	5	20M	2535	21100	QPSK	1	0	Band 7	20M	2674.8	3298	Band 4	20M	2132.5	2175	25.39	25.57
CA_5A-7A-7A	Band 5	0	10M	836.5	20525	QPSK	1	0	Band 7	20M	2655	3100	Band 7	5M	2687.5	3425	24.4	24.64
	Band 5	1	10M	836.5	20175	QPSK	1	0	Band 7	20M	2655	3100	Band 7	5M	2687.5	3425	24.18	24.36
	Band 7	2	20M	2535	21100	QPSK	1	0	Band 7	5M	2687.5	3425	Band 5	10M	881.5	2525	25.31	25.45
	Band 7	3	20M	2535	21100	QPSK	1	0	Band 7	5M	2687.5	3425	Band 5	10M	881.5	2525	25.46	25.57
	Band 7	5	20M	2535	21100	QPSK	1	0	Band 7	5M	2687.5	3425	Band 5	10M	881.5	2525	25.33	25.57
CA_41D	Band 41	2	20M	2593	40620	QPSK	1	0	Band 41	20M	2612.8	40818	Band 41	20M	2632.6	41016	25.23	25.42
	Band 41	3	20M	2593	40620	QPSK	1	0	Band 41	20M	2612.8	40818	Band 41	20M	2632.6	41016	25.36	25.58
	Band 41	4	20M	2593	40620	QPSK	1	0	Band 41	20M	2612.8	40818	Band 41	20M	2632.6	41016	25.27	25.47
	Band 41	5	20M	2593	40620	QPSK	1	0	Band 41	20M	2612.8	40818	Band 41	20M	2632.6	41016	25.45	25.56

### 13 Conducted Power of NR Antenna

#### 13.1 Conducted Power of NR Antenna (Ant0)

N5 Full Power				Conducted Power(dBm)				
SCS 15kHz								
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				166800	167300	167800		
				834	836.5	839		
20MHz	DFT-s-OFDM PI/2 BPSK	1	1	24.13	24.13	24.18	25.00	
		1	53	24.14	24.12	24.10	25.00	
		1	104	23.96	23.97	24.02	25.00	
		50	0	23.59	23.60	23.57	24.50	
		50	28	24.25	24.24	24.28	25.00	
		50	56	23.67	23.66	23.60	24.50	
		100	0	23.64	23.67	23.72	24.50	
	DFT-s-OFDM QPSK	1	1	24.31	24.39	24.38	25.00	
		1	53	24.04	24.14	24.10	25.00	
		1	104	23.99	23.97	24.03	25.00	
		50	0	23.19	23.22	23.26	24.00	
		50	28	24.26	24.32	24.34	25.00	
		50	56	23.13	23.12	23.18	24.00	
		100	0	23.11	23.20	23.21	24.00	
	DFT-s-OFDM 16QAM	1	1	23.11	23.08	23.11	24.00	
	DFT-s-OFDM 64QAM	1	1	21.56	21.59	21.64	22.50	
	DFT-s-OFDM 256QAM	1	1	19.64	19.57	19.64	20.50	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					344000	349500	355000	
20MHz	CP-OFDM QPSK	1	1	22.04	22.04	22.02	22.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				343500	349500	355500		
15MHz	DFT-s-OFDM QPSK	1	1	24.13	24.14	24.20	25.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				343000	349500	356000		
10MHz	DFT-s-OFDM QPSK	1	1	24.15	24.16	24.19	25.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				342500	349500	356500		
5MHz	DFT-s-OFDM QPSK	1	1	24.20	24.13	24.16	25.00	

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

N5 Full Power				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				166800	167300	167800	
				834	836.5	839	
20MHz	DFT-s-OFDM PI/2 BPSK	1	1	23.99	23.93	23.93	25.00
		1	53	23.86	23.94	23.89	25.00
		1	104	23.82	23.80	23.76	25.00
		50	0	23.43	23.40	23.44	24.50
		50	28	24.07	24.10	24.06	25.00
		50	56	23.40	23.50	23.49	24.50
	DFT-s-OFDM QPSK	100	0	23.42	23.51	23.51	24.50
		1	1	24.12	24.16	24.15	25.00
		1	53	23.85	23.84	23.93	25.00
		1	104	23.77	23.85	23.81	25.00
		50	0	23.02	22.99	22.98	24.00
		50	28	24.14	24.14	24.15	25.00
	DFT-s-OFDM 16QAM	50	56	22.99	22.89	22.91	24.00
		100	0	23.01	22.95	22.94	24.00
		1	1	22.92	22.97	22.93	24.00
		1	1	21.44	21.44	21.40	22.50
DFT-s-OFDM 256QAM	1	1	19.38	19.42	19.42	20.50	
					Channel	Channel	Channel
Bandwidth	Modulation	RB size	RB offset	344000	349500	355000	
20MHz	CP-OFDM QPSK	1	1	21.81	21.82	21.75	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				343500	349500	355500	
15MHz	DFT-s-OFDM QPSK	1	1	23.90	23.95	23.99	25.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				343000	349500	356000	
10MHz	DFT-s-OFDM QPSK	1	1	23.96	23.96	23.94	25.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				342500	349500	356500	
5MHz	DFT-s-OFDM QPSK	1	1	23.94	23.93	23.94	25.00

N5 DSI1 DSI5				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	20.45	20.44	20.59	21.50	
		1	53	20.41	20.48	20.58	21.50	
		1	104	20.45	20.49	20.64	21.50	
		50	0	20.44	20.45	20.52	21.50	
		50	28	20.47	20.46	20.51	21.50	
		50	56	20.45	20.46	20.55	21.50	
		100	0	20.45	20.45	20.60	21.50	
	DFT-s-OFDM QPSK	1	1	20.75	20.85	20.81	21.50	
		1	53	20.47	20.37	20.46	21.50	
		1	104	20.50	20.43	20.58	21.50	
		50	0	20.48	20.37	20.54	21.50	
		50	28	20.70	20.78	20.74	21.50	
		50	56	20.41	20.46	20.50	21.50	
	DFT-s-OFDM 16QAM	1	1	20.50	20.36	20.54	21.50	
		DFT-s-OFDM 64QAM	1	1	20.48	20.46	20.51	21.50
			DFT-s-OFDM 256QAM	1	1	19.38	19.42	19.39
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				344000	349500	355000		
<b>20MHz</b>	CP-OFDM QPSK	1	1	20.46	20.43	20.55	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	20.46	20.37	20.52	21.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				343000	349500	356000		
<b>10MHz</b>	DFT-s-OFDM QPSK	1	1	20.50	20.37	20.53	21.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				342500	349500	356500		
<b>5MHz</b>	DFT-s-OFDM QPSK	1	1	20.52	20.40	20.58	21.50	

N5 DSI3				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	21.87	21.88	21.93	23.00
		1	53	21.89	21.88	21.89	23.00
		1	104	21.88	21.86	21.94	23.00

		50	0	21.88	21.87	21.87	23.00	
		50	28	21.88	21.82	21.88	23.00	
		50	56	21.85	21.84	21.87	23.00	
		100	0	21.88	21.85	21.85	23.00	
	DFT-s-OFDM QPSK	1	1	22.14	22.15	22.14	23.00	
		1	53	21.87	21.85	21.94	23.00	
		1	104	21.78	21.89	21.99	23.00	
		50	0	21.84	21.85	22.01	23.00	
		50	28	21.90	21.98	21.97	23.00	
		50	56	21.79	21.89	21.97	23.00	
	DFT-s-OFDM 16QAM	1	1	21.87	21.85	21.93	23.00	
		DFT-s-OFDM 64QAM	1	1	21.44	21.46	21.37	22.50
		DFT-s-OFDM 256QAM	1	1	19.38	19.44	19.45	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				344000	349500	355000		
<b>20MHz</b>	CP-OFDM QPSK	1	1	21.78	21.82	21.74	22.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				343500	349500	355500		
<b>15MHz</b>	DFT-s-OFDM QPSK	1	1	21.79	21.83	21.95	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	21.79	21.82	21.99	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	21.84	21.82	21.94	23.00	

### 13.3 Conducted Power of NR Antenna (Ant2)

N2 Full Power				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				372000	376000	380000	
				18600	1880	1900	
20MHz	DFT-s-OFDM PI/2 BPSK	1	1	24.89	24.87	24.81	25.50
		1	53	24.85	24.83	24.75	25.50
		1	104	24.70	24.72	24.68	25.50
		50	0	24.32	24.30	24.36	25.00
		50	28	25.04	25.04	24.98	25.50
		50	56	24.36	24.38	24.33	25.00
		100	0	24.39	24.37	24.38	25.00
	DFT-s-OFDM QPSK	1	1	25.10	25.15	25.02	25.50
		1	53	24.78	24.83	24.76	25.50
		1	104	24.71	24.70	24.70	25.50
		50	0	23.87	23.89	23.92	24.50
		50	28	25.03	25.03	24.98	25.50
		50	56	23.88	23.88	23.84	24.50
		100	0	23.84	23.83	23.90	24.50
		DFT-s-OFDM 16QAM	1	1	23.78	23.87	23.80
	DFT-s-OFDM 64QAM	1	1	22.28	22.34	22.34	23.00
	DFT-s-OFDM 256QAM	1	1	20.26	20.31	20.34	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				372000	376000	380000	
20MHz	CP-OFDM QPSK	1	1	22.70	22.68	22.69	23.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				371500	376000	380500	
15MHz	DFT-s-OFDM QPSK	1	1	24.81	24.83	24.89	25.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				371000	376000	381000	
10MHz	DFT-s-OFDM QPSK	1	1	24.83	24.88	24.90	25.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				370500	376000	381500	
5MHz	DFT-s-OFDM QPSK	1	1	24.91	24.81	24.83	25.50

N2 DSI1 DSI5	Conducted Power(dBm)
--------------	----------------------



SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				372000	376000	380000	
				18600	1880	1900	
<b>20MHz</b>	DFT-s-OFDM PI/2 BPSK	1	1	17.04	17.00	16.94	17.50
		1	53	16.97	16.95	16.83	17.50
		1	104	16.80	16.79	16.82	17.50
		50	0	16.47	16.37	16.45	17.00
		50	28	17.12	17.16	17.10	17.50
		50	56	16.50	16.49	16.47	17.00
	DFT-s-OFDM QPSK	100	0	16.50	16.47	16.46	17.00
		1	1	17.19	17.26	17.14	17.50
		1	53	16.91	16.97	16.87	17.50
		1	104	16.85	16.80	16.82	17.50
		50	0	16.00	16.03	16.01	16.50
	DFT-s-OFDM 16QAM	50	28	17.16	17.16	17.09	17.50
		50	56	15.99	15.97	15.91	16.50
		100	0	15.97	15.96	16.00	16.50
		1	1	15.86	16.01	15.93	16.50
1		1	14.40	14.44	14.43	15.00	
1	1	12.38	12.44	12.46	13.00		
DFT-s-OFDM 256QAM							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				372000	376000	380000	
<b>20MHz</b>	CP-OFDM QPSK	1	1	14.81	14.75	14.80	15.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				371500	376000	380500	
<b>15MHz</b>	DFT-s-OFDM QPSK	1	1	16.85	16.93	16.89	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				371000	376000	381000	
<b>10MHz</b>	DFT-s-OFDM QPSK	1	1	16.84	16.98	16.89	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				370500	376000	381500	
<b>5MHz</b>	DFT-s-OFDM QPSK	1	1	16.87	16.92	16.88	17.50

N2 DSI4				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				372000	376000	380000	
				18600	1880	1900	
<b>20MHz</b>	DFT-s-OFDM PI/2 BPSK	1	1	20.96	21.01	20.95	21.50
		1	53	20.95	20.95	20.84	21.50
		1	104	20.77	20.82	20.82	21.50
		50	0	20.45	20.36	20.44	21.00

		50	28	21.17	21.17	21.06	21.50
		50	56	20.49	20.49	20.43	21.00
		100	0	20.51	20.50	20.48	21.00
	DFT-s-OFDM QPSK	1	1	21.16	21.26	21.12	21.50
		1	53	20.84	20.93	20.89	21.50
		1	104	20.83	20.83	20.81	21.50
		50	0	19.98	19.95	19.98	20.50
		50	28	21.11	21.12	21.08	21.50
		50	56	20.02	19.99	19.96	20.50
		100	0	19.92	19.93	20.02	20.50
DFT-s-OFDM 16QAM	1	1	19.92	19.94	19.94	20.50	
DFT-s-OFDM 64QAM	1	1	18.36	18.47	18.46	19.00	
DFT-s-OFDM 256QAM	1	1	16.40	16.42	16.48	17.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				372000	376000	380000	
<b>20MHz</b>	CP-OFDM QPSK	1	1	18.83	18.82	18.82	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				371500	376000	380500	
<b>15MHz</b>	DFT-s-OFDM QPSK	1	1	20.91	20.92	20.89	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				371000	376000	381000	
<b>10MHz</b>	DFT-s-OFDM QPSK	1	1	20.92	20.91	20.87	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				370500	376000	381500	
<b>5MHz</b>	DFT-s-OFDM QPSK	1	1	20.92	20.95	20.87	21.50

N7 Full Power				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				504000	507000	510000	
				2520	2535	2550	
<b>40MHz</b>	DFT-s-OFDM Pi/2 BPSK	1	1	25.20	25.26	25.24	25.70
		1	108	25.22	25.20	25.18	25.70
		1	214	25.07	25.06	25.08	25.70
		108	0	24.74	24.72	24.70	25.20
		108	54	25.45	25.35	25.39	25.70
		108	108	24.74	24.76	24.80	25.20
		216	0	24.71	24.76	24.75	25.20
	DFT-s-OFDM QPSK	1	1	25.44	25.49	25.47	25.70
		1	108	25.18	25.23	25.16	25.70
		1	214	25.07	25.14	25.15	25.70
108		0	24.37	24.36	24.30	24.70	
		108	54	25.36	25.42	25.42	25.70

		108	108	24.20	24.23	24.23	24.70
		216	0	24.30	24.28	24.31	24.70
	DFT-s-OFDM 16QAM	1	1	24.18	24.25	24.26	24.70
	DFT-s-OFDM 64QAM	1	1	22.71	22.73	22.75	23.20
	DFT-s-OFDM 256QAM	1	1	20.70	20.68	20.72	21.20
Bandwidth	Modulation	RB size	RB offset	Channel 504000	Channel 507000	Channel 510000	Tune up
<b>40MHz</b>	CP-OFDM QPSK	1	1	23.07	23.10	23.10	23.20
Bandwidth	Modulation	RB size	RB offset	Channel 503000	Channel 507000	Channel 511000	Tune up
<b>30MHz</b>	DFT-s-OFDM QPSK	1	1	25.22	25.21	25.23	25.70
Bandwidth	Modulation	RB size	RB offset	Channel 502500	Channel 507000	Channel 511500	Tune up
<b>25MHz</b>	DFT-s-OFDM QPSK	1	1	25.28	25.23	25.24	25.70
Bandwidth	Modulation	RB size	RB offset	Channel 502000	Channel 507000	Channel 512000	Tune up
<b>20MHz</b>	DFT-s-OFDM QPSK	1	1	25.24	25.28	25.22	25.70
Bandwidth	Modulation	RB size	RB offset	Channel 501500	Channel 507000	Channel 512500	Tune up
<b>15MHz</b>	DFT-s-OFDM QPSK	1	1	25.23	25.26	25.20	25.70
Bandwidth	Modulation	RB size	RB offset	Channel 501000	Channel 507000	Channel 513000	Tune up
<b>10MHz</b>	DFT-s-OFDM QPSK	1	1	25.29	25.21	25.30	25.70
Bandwidth	Modulation	RB size	RB offset	Channel 500500	Channel 507000	Channel 513500	Tune up
<b>5MHz</b>	DFT-s-OFDM QPSK	1	1	25.21	25.30	25.31	25.70

N7 DS11 DS15				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel 504000	Channel 507000	Channel 510000	Tune up
				2520	2535	2550	
<b>40MHz</b>	DFT-s-OFDM PI/2 BPSK	1	1	17.27	17.31	17.20	17.70
		1	108	17.24	17.24	17.18	17.70
		1	214	17.14	17.14	17.09	17.70
		108	0	16.71	16.69	16.81	17.20
		108	54	17.44	17.40	17.35	17.70
		108	108	16.76	16.79	16.75	17.20
	216	0	16.76	16.76	16.75	17.20	
	DFT-s-OFDM	1	1	17.51	17.58	17.43	17.70

	QPSK	1	108	17.23	17.20	17.13	17.70
		1	214	17.13	17.09	17.10	17.70
		108	0	16.31	16.27	16.36	16.70
		108	54	17.37	17.42	17.35	17.70
		108	108	16.31	16.32	16.22	16.70
		216	0	16.20	16.41	16.27	16.70
	DFT-s-OFDM 16QAM	1	1	16.20	16.26	16.18	16.70
	DFT-s-OFDM 64QAM	1	1	14.70	14.70	14.77	15.20
	DFT-s-OFDM 256QAM	1	1	12.63	12.75	12.72	13.20
Bandwidth	Modulation	RB size	RB offset	Channel 504000	Channel 507000	Channel 510000	Tune up
<b>40MHz</b>	CP-OFDM QPSK	1	1	15.15	15.06	15.10	15.20
Bandwidth	Modulation	RB size	RB offset	Channel 503000	Channel 507000	Channel 511000	Tune up
<b>30MHz</b>	DFT-s-OFDM QPSK	1	1	17.34	17.39	17.40	17.70
Bandwidth	Modulation	RB size	RB offset	Channel 502500	Channel 507000	Channel 511500	Tune up
<b>25MHz</b>	DFT-s-OFDM QPSK	1	1	17.38	17.32	17.35	17.70
Bandwidth	Modulation	RB size	RB offset	Channel 502000	Channel 507000	Channel 512000	Tune up
<b>20MHz</b>	DFT-s-OFDM QPSK	1	1	17.38	17.32	17.37	17.70
Bandwidth	Modulation	RB size	RB offset	Channel 501500	Channel 507000	Channel 512500	Tune up
<b>15MHz</b>	DFT-s-OFDM QPSK	1	1	17.39	17.37	17.33	17.70
Bandwidth	Modulation	RB size	RB offset	Channel 501000	Channel 507000	Channel 513000	Tune up
<b>10MHz</b>	DFT-s-OFDM QPSK	1	1	17.34	17.35	17.34	17.70
Bandwidth	Modulation	RB size	RB offset	Channel 500500	Channel 507000	Channel 513500	Tune up
<b>5MHz</b>	DFT-s-OFDM QPSK	1	1	17.33	17.35	17.35	17.70

N7 DSI4				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel 504000	Channel 507000	Channel 510000	Tune up
				2520	2535	2550	
<b>40MHz</b>	DFT-s-OFDM PI/2 BPSK	1	1	18.80	18.78	18.72	19.20
		1	108	18.80	18.70	18.66	19.20
		1	214	18.60	18.65	18.60	19.20
		108	0	18.26	18.20	18.29	18.70

		108	54	18.94	18.99	18.91	19.20
		108	108	18.30	18.26	18.20	18.70
		216	0	18.31	18.31	18.27	18.70
	DFT-s-OFDM QPSK	1	1	18.98	19.09	18.88	19.20
		1	108	18.68	18.77	18.69	19.20
		1	214	18.63	18.63	18.58	19.20
		108	0	17.76	17.77	17.83	18.20
		108	54	18.92	18.97	18.92	19.20
		108	108	17.76	17.75	17.70	18.20
		216	0	17.79	17.70	17.78	18.20
	DFT-s-OFDM 16QAM	1	1	17.70	17.79	17.68	18.20
	DFT-s-OFDM 64QAM	1	1	16.18	16.28	16.26	16.70
	DFT-s-OFDM 256QAM	1	1	14.17	14.19	14.24	14.70
Bandwidth	Modulation	RB size	RB offset	Channel 504000	Channel 507000	Channel 510000	Tune up
<b>40MHz</b>	CP-OFDM QPSK	1	1	16.63	16.57	16.56	16.70
Bandwidth	Modulation	RB size	RB offset	Channel 503000	Channel 507000	Channel 511000	Tune up
<b>30MHz</b>	DFT-s-OFDM QPSK	1	1	18.81	18.86	18.88	19.20
Bandwidth	Modulation	RB size	RB offset	Channel 502500	Channel 507000	Channel 511500	Tune up
<b>25MHz</b>	DFT-s-OFDM QPSK	1	1	18.79	18.82	18.86	19.20
Bandwidth	Modulation	RB size	RB offset	Channel 502000	Channel 507000	Channel 512000	Tune up
<b>20MHz</b>	DFT-s-OFDM QPSK	1	1	18.84	18.83	18.84	19.20
Bandwidth	Modulation	RB size	RB offset	Channel 501500	Channel 507000	Channel 512500	Tune up
<b>15MHz</b>	DFT-s-OFDM QPSK	1	1	18.84	18.84	18.91	19.20
Bandwidth	Modulation	RB size	RB offset	Channel 501000	Channel 507000	Channel 513000	Tune up
<b>10MHz</b>	DFT-s-OFDM QPSK	1	1	18.82	18.80	18.91	19.20
Bandwidth	Modulation	RB size	RB offset	Channel 500500	Channel 507000	Channel 513500	Tune up
<b>5MHz</b>	DFT-s-OFDM QPSK	1	1	18.83	18.85	18.85	19.20

N38 Full Power				Conducted Power(dBm)			
SCS 30kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				518000	519000	520000	
				2590	2595	2600	

<b>40MHz</b>	DFT-s-OFDM PI/2 BPSK	1	1	24.91	24.99	24.93	25.50
		1	53	24.89	24.89	24.88	25.50
		1	104	24.77	24.79	24.78	25.50
		50	0	24.41	24.47	24.42	25.00
		50	28	25.10	25.09	25.07	25.50
		50	56	24.41	24.40	24.42	25.00
	100	0	24.43	24.49	24.50	25.00	
	DFT-s-OFDM QPSK	1	1	25.12	25.20	25.18	25.50
		1	53	24.93	24.90	24.86	25.50
		1	104	24.83	24.77	24.81	25.50
		50	0	24.07	24.02	23.99	24.50
		50	28	25.05	25.13	25.07	25.50
		50	56	23.91	23.89	23.92	24.50
	100	0	23.92	23.93	23.99	24.50	
	DFT-s-OFDM 16QAM	1	1	23.93	23.94	23.90	24.50
	DFT-s-OFDM 64QAM	1	1	22.34	22.37	22.40	23.00
	DFT-s-OFDM 256QAM	1	1	20.35	20.45	20.34	21.00
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				518000	519000	520000	
<b>40MHz</b>	CP-OFDM QPSK	1	1	22.77	22.84	22.78	23.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				517000	519000	521000	
<b>30MHz</b>	DFT-s-OFDM QPSK	1	1	24.94	24.91	24.93	25.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				516000	519000	522000	
<b>20MHz</b>	DFT-s-OFDM QPSK	1	1	24.91	25.01	24.93	25.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				515500	519000	522500	
<b>15MHz</b>	DFT-s-OFDM QPSK	1	1	24.91	24.97	24.91	25.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				515000	519000	523000	
<b>10MHz</b>	DFT-s-OFDM QPSK	1	1	24.91	24.92	24.95	25.50

N38 DSI1 DSI5				Conducted Power(dBm)			
SCS 30kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				518000	519000	520000	
				2590	2595	2600	
<b>40MHz</b>	DFT-s-OFDM PI/2 BPSK	1	1	17.36	17.38	17.36	18.00
		1	53	17.36	17.34	17.23	18.00
		1	104	17.19	17.24	17.19	18.00
		50	0	16.85	16.78	16.85	17.50

		50	28	17.55	17.59	17.50	18.00
		50	56	16.82	16.92	16.84	17.50
		100	0	16.90	16.86	16.84	17.50
	DFT-s-OFDM QPSK	1	1	17.58	17.68	17.53	18.00
		1	53	17.27	17.35	17.25	18.00
		1	104	17.22	17.23	17.20	18.00
		50	0	16.35	16.36	16.39	17.00
		50	28	17.50	17.52	17.44	18.00
		50	56	16.42	16.37	16.38	17.00
		100	0	16.33	16.35	16.36	17.00
	DFT-s-OFDM 16QAM	1	1	16.32	16.36	16.27	17.00
	DFT-s-OFDM 64QAM	1	1	14.74	14.88	14.82	15.50
	DFT-s-OFDM 256QAM	1	1	12.77	12.85	12.85	13.50
Bandwidth	Modulation	RB size	RB offset	Channel 518000	Channel 519000	Channel 520000	Tune up
<b>40MHz</b>	CP-OFDM QPSK	1	1	15.19	15.20	15.22	15.50
Bandwidth	Modulation	RB size	RB offset	Channel 517000	Channel 519000	Channel 521000	Tune up
<b>30MHz</b>	DFT-s-OFDM QPSK	1	1	17.38	17.36	17.30	18.00
Bandwidth	Modulation	RB size	RB offset	Channel 516000	Channel 519000	Channel 522000	Tune up
<b>20MHz</b>	DFT-s-OFDM QPSK	1	1	17.29	17.41	17.32	18.00
Bandwidth	Modulation	RB size	RB offset	Channel 515500	Channel 519000	Channel 522500	Tune up
<b>15MHz</b>	DFT-s-OFDM QPSK	1	1	17.34	17.41	17.30	18.00
Bandwidth	Modulation	RB size	RB offset	Channel 515000	Channel 519000	Channel 523000	Tune up
<b>10MHz</b>	DFT-s-OFDM QPSK	1	1	17.37	17.40	17.31	18.00

N38 DS14				Conducted Power(dBm)			
SCS 30kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				518000	519000	520000	
				2590	2595	2600	
<b>40MHz</b>	DFT-s-OFDM PI/2 BPSK	1	1	19.40	19.33	19.31	20.00
		1	53	19.33	19.33	19.29	20.00
		1	104	19.21	19.25	19.21	20.00
		50	0	18.81	18.80	18.89	19.50
		50	28	19.58	19.55	19.49	20.00
		50	56	18.84	18.91	18.81	19.50
	100	0	18.89	18.84	18.90	19.50	
	DFT-s-OFDM	1	1	19.59	19.69	19.56	20.00

	QPSK	1	53	19.32	19.38	19.25	20.00
		1	104	19.21	19.23	19.21	20.00
		50	0	18.34	18.43	18.44	19.00
		50	28	19.52	19.59	19.50	20.00
		50	56	18.35	18.39	18.36	19.00
	100	0	18.30	18.33	18.39	19.00	
	DFT-s-OFDM 16QAM	1	1	18.30	18.39	18.31	19.00
DFT-s-OFDM 64QAM	1	1	16.76	16.82	16.84	17.50	
DFT-s-OFDM 256QAM	1	1	14.81	14.79	14.81	15.50	
Bandwidth	Modulation	RB size	RB offset	Channel 518000	Channel 519000	Channel 520000	Tune up
<b>40MHz</b>	CP-OFDM QPSK	1	1	17.25	17.15	17.17	17.70
Bandwidth	Modulation	RB size	RB offset	Channel 517000	Channel 519000	Channel 521000	Tune up
<b>30MHz</b>	DFT-s-OFDM QPSK	1	1	19.31	19.45	19.34	20.00
Bandwidth	Modulation	RB size	RB offset	Channel 516000	Channel 519000	Channel 522000	Tune up
<b>20MHz</b>	DFT-s-OFDM QPSK	1	1	19.32	19.41	19.28	20.00
Bandwidth	Modulation	RB size	RB offset	Channel 515500	Channel 519000	Channel 522500	Tune up
<b>15MHz</b>	DFT-s-OFDM QPSK	1	1	19.37	19.40	19.33	20.00
Bandwidth	Modulation	RB size	RB offset	Channel 515000	Channel 519000	Channel 523000	Tune up
<b>10MHz</b>	DFT-s-OFDM QPSK	1	1	19.31	19.44	19.28	20.00

N41 Full Power				Conducted Power(dBm)			
SCS 30kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				509202	518598	528000	
				2546.01	2592.99	2640	
<b>100MHz</b>	DFT-s-OFDM PI/2 BPSK	1	1	25.14	25.17	25.11	25.70
		1	137	25.05	25.04	25.04	25.70
		1	271	25.00	24.95	24.94	25.70
		135	0	24.67	24.62	24.67	25.20
		135	69	25.28	25.28	25.34	25.70
		135	138	24.60	24.67	24.65	25.20
		270	0	24.65	24.66	24.68	25.20
	DFT-s-OFDM QPSK	1	1	25.39	25.40	25.31	25.70
		1	137	25.08	25.13	25.13	25.70
		1	271	25.01	25.02	25.04	25.70
135		0	24.19	24.21	24.25	24.70	
		135	69	25.27	25.28	25.34	25.70



		135	138	24.14	24.18	24.10	24.70
		270	0	24.13	24.20	24.12	24.70
	DFT-s-OFDM 16QAM	1	1	24.19	24.15	24.13	24.70
	DFT-s-OFDM 64QAM	1	1	22.59	22.56	22.62	23.20
	DFT-s-OFDM 256QAM	1	1	20.55	20.62	20.57	21.20
Bandwidth	Modulation	RB size	RB offset	Channel 509202	Channel 518598	Channel 528000	Tune up
<b>100MHz</b>	CP-OFDM QPSK	1	1	23.01	23.02	23.04	23.20
Bandwidth	Modulation	RB size	RB offset	Channel 508200	Channel 518598	Channel 528996	Tune up
<b>90MHz</b>	DFT-s-OFDM QPSK	1	1	25.18	25.20	25.19	25.70
Bandwidth	Modulation	RB size	RB offset	Channel 507204	Channel 518598	Channel 529998	Tune up
<b>80MHz</b>	DFT-s-OFDM QPSK	1	1	25.19	25.10	25.11	25.70
Bandwidth	Modulation	RB size	RB offset	Channel 506202	Channel 518598	Channel 531000	Tune up
<b>70MHz</b>	DFT-s-OFDM QPSK	1	1	25.20	25.11	25.11	25.70
Bandwidth	Modulation	RB size	RB offset	Channel 505200	Channel 518598	Channel 531996	Tune up
<b>60MHz</b>	DFT-s-OFDM QPSK	1	1	25.15	25.12	25.18	25.70
Bandwidth	Modulation	RB size	RB offset	Channel 504204	Channel 518598	Channel 532998	Tune up
<b>50MHz</b>	DFT-s-OFDM QPSK	1	1	25.13	25.10	25.12	25.70
Bandwidth	Modulation	RB size	RB offset	Channel 503202	Channel 518598	Channel 534000	Tune up
<b>40MHz</b>	DFT-s-OFDM QPSK	1	1	25.10	25.19	25.11	25.70
Bandwidth	Modulation	RB size	RB offset	Channel 502200	Channel 518598	Channel 534996	Tune up
<b>30MHz</b>	DFT-s-OFDM QPSK	1	1	25.18	25.12	25.21	25.70
Bandwidth	Modulation	RB size	RB offset	Channel 501204	Channel 518598	Channel 535998	Tune up
<b>20MHz</b>	DFT-s-OFDM QPSK	1	1	25.19	25.15	25.18	25.70
Bandwidth	Modulation	RB size	RB offset	Channel 500700	Channel 518598	Channel 536496	Tune up
<b>15MHz</b>	DFT-s-OFDM QPSK	1	1	25.19	25.16	25.14	25.70
Bandwidth	Modulation	RB size	RB offset	Channel 500202	Channel 518598	Channel 537000	Tune up

<b>10MHz</b>	DFT-s-OFDM QPSK	1	1	25.20	25.14	25.20	25.70
--------------	-----------------	---	---	-------	-------	-------	-------

N41 DSI1 DSI5				Conducted Power(dBm)					
Bandwidth	Modulation	RB size	RB offset	SCS 30kHz			Tune up		
				Channel	Channel	Channel			
				509202	518598	528000			
				2546.01	2592.99	2640			
<b>100MHz</b>	DFT-s-OFDM PI/2 BPSK	1	1	18.28	18.26	18.18	18.70		
		1	137	18.29	18.26	18.14	18.70		
		1	271	18.12	18.14	18.12	18.70		
		135	0	17.75	17.68	17.77	18.20		
		135	69	18.43	18.47	18.39	18.70		
		135	138	17.77	17.77	17.69	18.20		
	DFT-s-OFDM QPSK	1	1	18.50	18.56	18.44	18.70		
		1	137	18.17	18.20	18.15	18.70		
		1	271	18.13	18.10	18.15	18.70		
		135	0	17.26	17.33	17.28	17.70		
		135	69	18.40	18.47	18.37	18.70		
		135	138	17.25	17.26	17.26	17.70		
	DFT-s-OFDM 16QAM	1	1	17.15	17.23	17.17	17.70		
		DFT-s-OFDM 64QAM	1	1	15.65	15.72	15.76	16.20	
		DFT-s-OFDM 256QAM	1	1	13.63	13.70	13.77	14.20	
		Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
						509202	518598	528000	
	<b>100MHz</b>	CP-OFDM QPSK	1	1	16.09	16.09	16.09	16.20	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up		
				508200	518598	528996			
<b>90MHz</b>	DFT-s-OFDM QPSK	1	1	18.24	18.28	18.22	18.70		
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up		
				507204	518598	529998			
<b>80MHz</b>	DFT-s-OFDM QPSK	1	1	18.26	18.27	18.23	18.70		
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up		
				506202	518598	531000			
<b>70MHz</b>	DFT-s-OFDM QPSK	1	1	18.20	18.31	18.20	18.70		
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up		
				505200	518598	531996			

<b>60MHz</b>	DFT-s-OFDM QPSK	1	1	18.24	18.32	18.22	18.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				504204	518598	532998	
<b>50MHz</b>	DFT-s-OFDM QPSK	1	1	18.24	18.28	18.22	18.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				503202	518598	534000	
<b>40MHz</b>	DFT-s-OFDM QPSK	1	1	18.25	18.35	18.17	18.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				502200	518598	534996	
<b>30MHz</b>	DFT-s-OFDM QPSK	1	1	18.20	18.27	18.16	18.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				501204	518598	535998	
<b>20MHz</b>	DFT-s-OFDM QPSK	1	1	18.24	18.30	18.21	18.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				500700	518598	536496	
<b>15MHz</b>	DFT-s-OFDM QPSK	1	1	18.24	18.32	18.23	18.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				500202	518598	537000	
<b>10MHz</b>	DFT-s-OFDM QPSK	1	1	18.24	18.28	18.22	18.70

N41 DS14				Conducted Power(dBm)			
SCS 30kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				509202	518598	528000	
				2546.01	2592.99	2640	
<b>100MHz</b>	DFT-s-OFDM PI/2 BPSK	1	1	19.50	19.47	19.43	20.20
		1	137	19.47	19.47	19.34	20.20
		1	271	19.30	19.35	19.33	20.20
		135	0	18.92	18.91	18.96	19.70
		135	69	19.67	19.61	19.59	20.20
		135	138	18.98	19.02	18.89	19.70
		270	0	18.98	19.01	19.03	19.70
	DFT-s-OFDM QPSK	1	1	19.66	19.80	19.67	20.20
		1	137	19.39	19.48	19.36	20.20
		1	271	19.33	19.32	19.32	20.20
		135	0	18.46	18.54	18.50	19.20
		135	69	19.63	19.64	19.56	20.20
		135	138	18.52	18.51	18.40	19.20
		270	0	18.44	18.46	18.54	19.20
DFT-s-OFDM 16QAM	1	1	18.39	18.50	18.40	19.20	
DFT-s-OFDM 64QAM	1	1	16.93	16.97	16.97	17.70	

	DFT-s-OFDM 256QAM	1	1	14.89	14.87	14.93	15.70
Bandwidth	Modulation	RB size	RB offset	Channel 509202	Channel 518598	Channel 528000	Tune up
<b>100MHz</b>	CP-OFDM QPSK	1	1	17.29	17.25	17.31	17.70
Bandwidth	Modulation	RB size	RB offset	Channel 508200	Channel 518598	Channel 528996	Tune up
<b>90MHz</b>	DFT-s-OFDM QPSK	1	1	19.55	19.57	19.51	20.20
Bandwidth	Modulation	RB size	RB offset	Channel 507204	Channel 518598	Channel 529998	Tune up
<b>80MHz</b>	DFT-s-OFDM QPSK	1	1	19.50	19.63	19.49	20.20
Bandwidth	Modulation	RB size	RB offset	Channel 506202	Channel 518598	Channel 531000	Tune up
<b>70MHz</b>	DFT-s-OFDM QPSK	1	1	19.52	19.65	19.48	20.20
Bandwidth	Modulation	RB size	RB offset	Channel 505200	Channel 518598	Channel 531996	Tune up
<b>60MHz</b>	DFT-s-OFDM QPSK	1	1	19.52	19.58	19.53	20.20
Bandwidth	Modulation	RB size	RB offset	Channel 504204	Channel 518598	Channel 532998	Tune up
<b>50MHz</b>	DFT-s-OFDM QPSK	1	1	19.58	19.60	19.51	20.20
Bandwidth	Modulation	RB size	RB offset	Channel 503202	Channel 518598	Channel 534000	Tune up
<b>40MHz</b>	DFT-s-OFDM QPSK	1	1	19.54	19.62	19.50	20.20
Bandwidth	Modulation	RB size	RB offset	Channel 502200	Channel 518598	Channel 534996	Tune up
<b>30MHz</b>	DFT-s-OFDM QPSK	1	1	19.55	19.56	19.46	20.20
Bandwidth	Modulation	RB size	RB offset	Channel 501204	Channel 518598	Channel 535998	Tune up
<b>20MHz</b>	DFT-s-OFDM QPSK	1	1	19.52	19.60	19.51	20.20
Bandwidth	Modulation	RB size	RB offset	Channel 500700	Channel 518598	Channel 536496	Tune up
<b>15MHz</b>	DFT-s-OFDM QPSK	1	1	19.57	19.60	19.52	20.20
Bandwidth	Modulation	RB size	RB offset	Channel 500202	Channel 518598	Channel 537000	Tune up
<b>10MHz</b>	DFT-s-OFDM QPSK	1	1	19.52	19.60	19.47	20.20

### 13.4 Conducted Power of NR Antenna (Ant3)

N7 Full Power				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	SCS 15kHz			Tune up
				Channel 504000	Channel 507000	Channel 510000	
				2520	2535	2550	
<b>40MHz</b>	DFT-s-OFDM PI/2 BPSK	1	1	25.30	25.32	25.32	25.70
		1	108	25.33	25.26	25.24	25.70
		1	214	25.24	25.17	25.16	25.70
		108	0	24.87	24.80	24.80	25.20
		108	54	25.50	25.54	25.55	25.70
		108	108	24.82	24.85	24.81	25.20
	DFT-s-OFDM QPSK	216	0	24.90	24.90	24.91	25.20
		1	1	25.57	25.58	25.54	25.70
		1	108	25.25	25.29	25.28	25.70
		1	214	25.16	25.14	25.15	25.70
		108	0	24.46	24.47	24.42	24.70
		108	54	25.54	25.55	25.44	25.70
	DFT-s-OFDM 16QAM	108	108	24.33	24.33	24.40	24.70
		216	0	24.32	24.36	24.40	24.70
		1	1	24.30	24.38	24.33	24.70
DFT-s-OFDM 64QAM	1	1	22.78	22.78	22.76	23.20	
DFT-s-OFDM 256QAM	1	1	20.81	20.81	20.82	21.20	
Bandwidth	Modulation	RB size	RB offset	Channel 504000	Channel 507000	Channel 510000	Tune up
<b>40MHz</b>	CP-OFDM QPSK	1	1	23.15	23.18	23.16	23.20
Bandwidth	Modulation	RB size	RB offset	Channel 503000	Channel 507000	Channel 511000	Tune up
<b>30MHz</b>	DFT-s-OFDM QPSK	1	1	25.36	25.33	25.37	25.70
Bandwidth	Modulation	RB size	RB offset	Channel 502500	Channel 507000	Channel 511500	Tune up
<b>25MHz</b>	DFT-s-OFDM QPSK	1	1	25.38	25.36	25.41	25.70
Bandwidth	Modulation	RB size	RB offset	Channel 502000	Channel 507000	Channel 512000	Tune up
<b>20MHz</b>	DFT-s-OFDM QPSK	1	1	25.36	25.32	25.33	25.70

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				501500	507000	512500	
<b>15MHz</b>	DFT-s-OFDM QPSK	1	1	25.33	25.38	25.36	25.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				501000	507000	513000	
<b>10MHz</b>	DFT-s-OFDM QPSK	1	1	25.31	25.39	25.41	25.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				500500	507000	513500	
<b>5MHz</b>	DFT-s-OFDM QPSK	1	1	25.34	25.38	25.36	25.70

N7 DS11 DS15				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				504000	507000	510000	
<b>40MHz</b>	DFT-s-OFDM PI/2 BPSK	1	1	16.12	16.18	16.12	16.70
		1	108	16.13	16.22	16.12	16.70
		1	214	16.18	16.18	16.11	16.70
		108	0	16.12	16.24	16.08	16.70
		108	54	16.30	16.36	16.35	16.70
		108	108	16.12	16.11	16.08	16.70
		216	0	16.18	16.11	16.08	16.70
	DFT-s-OFDM QPSK	1	1	16.30	16.40	16.39	16.70
		1	108	16.18	16.20	16.07	16.70
		1	214	16.17	16.24	16.12	16.70
		108	0	16.10	16.23	16.11	16.70
		108	54	16.29	16.37	16.29	16.70
		108	108	16.17	16.16	16.13	16.70
	DFT-s-OFDM 16QAM	1	1	16.15	16.19	16.10	16.70
		1	1	16.14	16.23	16.11	16.70
		1	1	16.17	16.19	16.09	16.70
		1	1	16.17	16.19	16.09	16.70
	DFT-s-OFDM 64QAM	1	1	16.15	16.19	16.10	16.70
		1	1	16.14	16.23	16.11	16.70
	DFT-s-OFDM 256QAM	1	1	16.17	16.19	16.09	16.70
		1	1	16.17	16.19	16.09	16.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				504000	507000	510000	
<b>40MHz</b>	CP-OFDM QPSK	1	1	16.09	16.19	16.08	16.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				503000	507000	511000	
<b>30MHz</b>	DFT-s-OFDM QPSK	1	1	16.12	16.23	16.14	16.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				502500	507000	511500	
<b>25MHz</b>	DFT-s-OFDM QPSK	1	1	16.16	16.25	16.12	16.70

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				502000	507000	512000	
<b>20MHz</b>	DFT-s-OFDM QPSK	1	1	16.15	16.19	16.06	16.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				501500	507000	512500	
<b>15MHz</b>	DFT-s-OFDM QPSK	1	1	16.16	16.22	16.07	16.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				501000	507000	513000	
<b>10MHz</b>	DFT-s-OFDM QPSK	1	1	16.17	16.17	16.07	16.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				500500	507000	513500	
<b>5MHz</b>	DFT-s-OFDM QPSK	1	1	16.16	16.22	16.07	16.70

N7 DSI3				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				504000	507000	510000	
				2520	2535	2550	
<b>40MHz</b>	DFT-s-OFDM PI/2 BPSK	1	1	17.76	17.81	17.69	18.20
		1	108	17.77	17.81	17.73	18.20
		1	214	17.80	17.79	17.73	18.20
		108	0	17.70	17.76	17.74	18.20
		108	54	17.92	17.98	17.99	18.20
		108	108	17.83	17.71	17.72	18.20
	DFT-s-OFDM QPSK	216	0	17.73	17.62	17.74	18.20
		1	1	17.92	18.02	17.93	18.20
		1	108	17.71	17.76	17.70	18.20
		1	214	17.73	17.87	17.68	18.20
		108	0	17.76	17.78	17.74	18.20
		108	54	17.95	18.01	17.93	18.20
	DFT-s-OFDM 16QAM	108	108	17.76	17.80	17.64	18.20
		216	0	17.80	17.81	17.64	18.20
		1	1	17.73	17.84	17.64	18.20
		1	1	17.73	17.80	17.66	18.20
DFT-s-OFDM 64QAM	1	1	17.72	17.79	17.70	18.20	
	1	1	17.72	17.79	17.70	18.20	
DFT-s-OFDM 256QAM	1	1	17.72	17.79	17.70	18.20	
	1	1	17.72	17.79	17.70	18.20	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				504000	507000	510000	
<b>40MHz</b>	CP-OFDM QPSK	1	1	17.73	17.83	17.73	18.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				503000	507000	511000	
<b>30MHz</b>	DFT-s-OFDM QPSK	1	1	17.77	17.79	17.66	18.20

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				502500	507000	511500	
<b>25MHz</b>	DFT-s-OFDM QPSK	1	1	17.74	17.83	17.70	18.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				502000	507000	512000	
<b>20MHz</b>	DFT-s-OFDM QPSK	1	1	17.71	17.78	17.73	18.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				501500	507000	512500	
<b>15MHz</b>	DFT-s-OFDM QPSK	1	1	17.69	17.78	17.69	18.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				501000	507000	513000	
<b>10MHz</b>	DFT-s-OFDM QPSK	1	1	17.73	17.79	17.72	18.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				500500	507000	513500	
<b>5MHz</b>	DFT-s-OFDM QPSK	1	1	17.73	17.77	17.67	18.20

N38 Full Power				Conducted Power(dBm)			
SCS 30kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				518000	519000	520000	
				2590	2595	2600	
<b>40MHz</b>	DFT-s-OFDM PI/2 BPSK	1	1	25.18	25.13	25.17	25.50
		1	53	25.09	25.10	25.04	25.50
		1	104	24.99	25.02	24.98	25.50
		50	0	24.66	24.65	24.61	25.00
		50	28	25.25	25.34	25.28	25.50
		50	56	24.68	24.63	24.69	25.00
		100	0	24.69	24.66	24.65	25.00
	DFT-s-OFDM QPSK	1	1	25.35	25.37	25.32	25.50
		1	53	25.12	25.05	25.07	25.50
		1	104	24.96	24.97	24.95	25.50
		50	0	24.27	24.25	24.19	24.50
		50	28	25.31	25.35	25.25	25.50
		50	56	24.10	24.10	24.11	24.50
	DFT-s-OFDM 16QAM	1	1	24.18	24.09	24.09	24.50
1		1	22.55	22.64	22.54	23.00	
1		1	20.59	20.59	20.61	21.00	
				Channel	Channel	Channel	Tune up
				518000	519000	520000	
<b>40MHz</b>	CP-OFDM QPSK	1	1	22.99	22.97	22.98	23.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up



				517000	519000	521000	
<b>30MHz</b>	DFT-s-OFDM QPSK	1	1	25.15	25.16	25.14	25.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				516000	519000	522000	
<b>20MHz</b>	DFT-s-OFDM QPSK	1	1	25.17	25.19	25.13	25.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				515500	519000	522500	
<b>15MHz</b>	DFT-s-OFDM QPSK	1	1	25.20	25.10	25.16	25.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				515000	519000	523000	
<b>10MHz</b>	DFT-s-OFDM QPSK	1	1	25.13	25.14	25.11	25.50

N38 DSI1 DSI5				Conducted Power(dBm)				
SCS 30kHz								
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				518000	519000	520000		
				2590	2595	2600		
<b>40MHz</b>	DFT-s-OFDM PI/2 BPSK	1	1	18.52	18.59	18.48	19.00	
		1	53	18.54	18.65	18.51	19.00	
		1	104	18.50	18.56	18.49	19.00	
		50	0	18.54	18.58	18.53	19.00	
		50	28	18.76	18.72	18.75	19.00	
		50	56	18.56	18.47	18.52	19.00	
	DFT-s-OFDM QPSK	100	0	18.54	18.52	18.46	19.00	
		1	1	18.69	18.83	18.78	19.00	
		1	53	18.56	18.59	18.51	19.00	
		1	104	18.51	18.64	18.46	19.00	
		50	0	18.51	18.63	18.45	19.00	
		50	28	18.68	18.82	18.68	19.00	
	DFT-s-OFDM 16QAM	50	56	18.55	18.61	18.47	19.00	
		100	0	18.53	18.57	18.46	19.00	
		DFT-s-OFDM 16QAM	1	1	18.57	18.60	18.51	19.00
		DFT-s-OFDM 64QAM	1	1	18.51	18.58	18.49	19.00
DFT-s-OFDM 256QAM	1	1	18.51	18.57	18.49	19.00		
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				518000	519000	520000		
<b>40MHz</b>	CP-OFDM QPSK	1	1	18.51	18.61	18.46	19.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				517000	519000	521000		
<b>30MHz</b>	DFT-s-OFDM QPSK	1	1	18.50	18.58	18.49	19.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				516000	519000	522000		

<b>20MHz</b>	DFT-s-OFDM QPSK	1	1	18.58	18.60	18.48	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				515500	519000	522500	
<b>15MHz</b>	DFT-s-OFDM QPSK	1	1	18.54	18.61	18.52	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				515000	519000	523000	
<b>10MHz</b>	DFT-s-OFDM QPSK	1	1	18.51	18.62	18.54	19.00

N38 DS13				Conducted Power(dBm)			
SCS 30kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				518000	519000	520000	
				2590	2595	2600	
<b>40MHz</b>	DFT-s-OFDM PI/2 BPSK	1	1	18.91	18.96	18.85	19.50
		1	53	18.91	19.04	18.91	19.50
		1	104	18.95	19.01	18.90	19.50
		50	0	18.90	18.99	18.87	19.50
		50	28	19.09	19.13	19.10	19.50
		50	56	18.96	18.93	18.93	19.50
	DFT-s-OFDM QPSK	1	1	19.12	19.30	19.22	19.50
		1	53	18.92	18.97	18.89	19.50
		1	104	18.96	19.05	18.89	19.50
		50	0	18.91	18.99	18.91	19.50
		50	28	19.08	19.18	19.05	19.50
		50	56	18.97	19.02	18.91	19.50
	DFT-s-OFDM 16QAM	1	1	18.94	19.00	18.90	19.50
		1	1	18.93	18.97	18.89	19.50
		1	1	18.98	18.96	18.86	19.50
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				518000	519000	520000	
<b>40MHz</b>	CP-OFDM QPSK	1	1	18.95	19.02	18.93	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				517000	519000	521000	
<b>30MHz</b>	DFT-s-OFDM QPSK	1	1	18.94	19.02	18.93	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				516000	519000	522000	
<b>20MHz</b>	DFT-s-OFDM QPSK	1	1	18.94	18.99	18.85	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				515500	519000	522500	

<b>15MHz</b>	DFT-s-OFDM QPSK	1	1	18.95	18.99	18.91	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				515000	519000	523000	
<b>10MHz</b>	DFT-s-OFDM QPSK	1	1	18.92	19.03	18.93	19.50

N41 Full Power				Conducted Power(dBm)			
SCS 30kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				509202	518598	528000	
				2546.01	2592.99	2640	
<b>100MHz</b>	DFT-s-OFDM PI/2 BPSK	1	1	25.20	25.24	25.16	25.70
		1	137	25.10	25.12	25.15	25.70
		1	271	25.07	25.07	25.09	25.70
		135	0	24.69	24.63	24.70	25.20
		135	69	25.35	25.39	25.32	25.70
		135	138	24.74	24.70	24.66	25.20
	DFT-s-OFDM QPSK	270	0	24.66	24.75	24.68	25.20
		1	1	25.40	25.46	25.45	25.70
		1	137	25.12	25.20	25.14	25.70
		1	271	25.03	25.00	25.02	25.70
		135	0	24.26	24.32	24.29	24.70
		135	69	25.34	25.33	25.31	25.70
	DFT-s-OFDM 16QAM	135	138	24.24	24.16	24.20	24.70
		270	0	24.19	24.20	24.25	24.70
		1	1	24.20	24.17	24.22	24.70
	DFT-s-OFDM 64QAM	1	1	22.62	22.63	22.69	23.20
		1	1	20.62	20.63	20.69	21.20
		1	1	20.62	20.63	20.69	21.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				509202	518598	528000	
<b>100MHz</b>	CP-OFDM QPSK	1	1	23.02	23.05	23.00	23.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				508200	518598	528996	
<b>90MHz</b>	DFT-s-OFDM QPSK	1	1	25.19	25.25	25.20	25.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				507204	518598	529998	
<b>80MHz</b>	DFT-s-OFDM QPSK	1	1	25.21	25.22	25.23	25.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				506202	518598	531000	
<b>70MHz</b>	DFT-s-OFDM QPSK	1	1	25.19	25.25	25.18	25.70

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				505200	518598	531996	
<b>60MHz</b>	DFT-s-OFDM QPSK	1	1	25.26	25.20	25.17	25.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				504204	518598	532998	
<b>50MHz</b>	DFT-s-OFDM QPSK	1	1	25.26	25.23	25.23	25.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				503202	518598	534000	
<b>40MHz</b>	DFT-s-OFDM QPSK	1	1	25.21	25.19	25.19	25.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				502200	518598	534996	
<b>30MHz</b>	DFT-s-OFDM QPSK	1	1	25.21	25.17	25.19	25.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				501204	518598	535998	
<b>20MHz</b>	DFT-s-OFDM QPSK	1	1	25.21	25.23	25.20	25.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				500700	518598	536496	
<b>15MHz</b>	DFT-s-OFDM QPSK	1	1	25.22	25.25	25.25	25.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				500202	518598	537000	
<b>10MHz</b>	DFT-s-OFDM QPSK	1	1	25.18	25.16	25.18	25.70

N41 DSI1 DSI3 DSI5				Conducted Power(dBm)			
SCS 30kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				509202	518598	528000	
				2546.01	2592.99	2640	
<b>100MHz</b>	DFT-s-OFDM PI/2 BPSK	1	1	18.42	18.50	18.44	19.20
		1	137	18.45	18.47	18.41	19.20
		1	271	18.47	18.48	18.43	19.20
		135	0	18.44	18.50	18.41	19.20
		135	69	18.61	18.59	18.63	19.20
		135	138	18.41	18.36	18.39	19.20
		270	0	18.46	18.34	18.40	19.20
	DFT-s-OFDM QPSK	1	1	18.56	18.73	18.69	19.20
		1	137	18.46	18.54	18.44	19.20
		1	271	18.47	18.47	18.38	19.20
		135	0	18.42	18.51	18.36	19.20
		135	69	18.61	18.66	18.60	19.20
		135	138	18.40	18.51	18.40	19.20
		270	0	18.43	18.54	18.42	19.20

	DFT-s-OFDM 16QAM	1	1	18.40	18.55	18.43	19.20
	DFT-s-OFDM 64QAM	1	1	18.43	18.48	18.38	19.20
	DFT-s-OFDM 256QAM	1	1	18.47	18.55	18.35	19.20
Bandwidth	Modulation	RB size	RB offset	Channel 509202	Channel 518598	Channel 528000	Tune up
<b>100MHz</b>	CP-OFDM QPSK	1	1	18.40	18.48	18.38	19.20
Bandwidth	Modulation	RB size	RB offset	Channel 508200	Channel 518598	Channel 528996	Tune up
<b>90MHz</b>	DFT-s-OFDM QPSK	1	1	18.45	18.53	18.37	19.20
Bandwidth	Modulation	RB size	RB offset	Channel 507204	Channel 518598	Channel 529998	Tune up
<b>80MHz</b>	DFT-s-OFDM QPSK	1	1	1.00	1.00	1.00	19.20
Bandwidth	Modulation	RB size	RB offset	Channel 506202	Channel 518598	Channel 531000	Tune up
<b>70MHz</b>	DFT-s-OFDM QPSK	1	1	1.00	1.00	1.00	19.20
Bandwidth	Modulation	RB size	RB offset	Channel 505200	Channel 518598	Channel 531996	Tune up
<b>60MHz</b>	DFT-s-OFDM QPSK	1	1	1.00	1.00	1.00	19.20
Bandwidth	Modulation	RB size	RB offset	Channel 504204	Channel 518598	Channel 532998	Tune up
<b>50MHz</b>	DFT-s-OFDM QPSK	1	1	1.00	1.00	1.00	19.20
Bandwidth	Modulation	RB size	RB offset	Channel 503202	Channel 518598	Channel 534000	Tune up
<b>40MHz</b>	DFT-s-OFDM QPSK	1	1	1.00	1.00	1.00	19.20
Bandwidth	Modulation	RB size	RB offset	Channel 502200	Channel 518598	Channel 534996	Tune up
<b>30MHz</b>	DFT-s-OFDM QPSK	1	1	1.00	1.00	1.00	19.20
Bandwidth	Modulation	RB size	RB offset	Channel 501204	Channel 518598	Channel 535998	Tune up
<b>20MHz</b>	DFT-s-OFDM QPSK	1	1	1.00	1.00	1.00	19.20
Bandwidth	Modulation	RB size	RB offset	Channel 500700	Channel 518598	Channel 536496	Tune up
<b>15MHz</b>	DFT-s-OFDM QPSK	1	1	1.00	1.00	1.00	19.20
Bandwidth	Modulation	RB size	RB offset	Channel 500202	Channel 518598	Channel 537000	Tune up
<b>10MHz</b>	DFT-s-OFDM QPSK	1	1	1.00	1.00	1.00	19.20

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

N38 Full Power				Conducted Power(dBm)			
SCS 30kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				518000	519000	520000	
				2590	2595	2600	
<b>40MHz</b>	DFT-s-OFDM PI/2 BPSK	1	1	24.95	25.00	24.96	25.50
		1	53	24.89	24.85	24.87	25.50
		1	104	24.77	24.82	24.83	25.50
		50	0	24.38	24.40	24.45	25.00
		50	28	25.14	25.12	25.09	25.50
		50	56	24.43	24.49	24.42	25.00
	100	0	24.43	24.48	24.47	25.00	
	DFT-s-OFDM QPSK	1	1	25.13	25.24	25.20	25.50
		1	53	24.93	24.87	24.91	25.50
		1	104	24.75	24.77	24.76	25.50
		50	0	24.07	23.98	24.04	24.50
		50	28	25.07	25.06	25.07	25.50
		50	56	23.91	23.91	23.93	24.50
	100	0	23.95	24.00	24.01	24.50	
	DFT-s-OFDM 16QAM	1	1	23.92	23.98	23.96	24.50
	DFT-s-OFDM 64QAM	1	1	22.38	22.35	22.39	23.00
	DFT-s-OFDM 256QAM	1	1	20.35	20.43	20.43	21.00
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
<b>40MHz</b>	CP-OFDM QPSK	1	1	518000	519000	520000	23.00
<b>30MHz</b>	DFT-s-OFDM QPSK	1	1	517000	519000	521000	25.50
<b>20MHz</b>	DFT-s-OFDM QPSK	1	1	516000	519000	522000	25.50
<b>15MHz</b>	DFT-s-OFDM QPSK	1	1	515500	519000	522500	25.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				518000	519000	520000	

				515000	519000	523000	
<b>10MHz</b>	DFT-s-OFDM QPSK	1	1	24.95	24.93	25.01	25.50

N38 DSI1 DSI5				Conducted Power(dBm)			
SCS 30kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				518000	519000	520000	
				2590	2595	2600	
<b>40MHz</b>	DFT-s-OFDM PI/2 BPSK	1	1	17.34	17.36	17.28	18.00
		1	53	17.31	17.30	17.31	18.00
		1	104	17.29	17.36	17.35	18.00
		50	0	17.33	17.30	17.35	18.00
		50	28	17.31	17.35	17.28	18.00
		50	56	17.33	17.37	17.34	18.00
	DFT-s-OFDM QPSK	100	0	17.33	17.38	17.33	18.00
		1	1	17.62	17.78	17.74	18.00
		1	53	17.36	17.30	17.30	18.00
		1	104	17.34	17.35	17.27	18.00
		50	0	17.28	17.34	17.27	18.00
		50	28	17.51	17.58	17.57	18.00
	DFT-s-OFDM 16QAM	50	56	17.36	17.35	17.30	18.00
		100	0	17.35	17.36	17.29	18.00
		1	1	17.32	17.30	17.35	18.00
	DFT-s-OFDM 64QAM	1	1	17.29	17.33	17.32	18.00
	DFT-s-OFDM 256QAM	1	1	17.31	17.36	17.28	18.00
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				518000	519000	520000	
<b>40MHz</b>	CP-OFDM QPSK	1	1	17.33	17.34	17.29	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				517000	519000	521000	
<b>30MHz</b>	DFT-s-OFDM QPSK	1	1	17.29	17.38	17.34	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				516000	519000	522000	
<b>20MHz</b>	DFT-s-OFDM QPSK	1	1	17.29	17.37	17.34	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				515500	519000	522500	
<b>15MHz</b>	DFT-s-OFDM QPSK	1	1	17.36	17.36	17.28	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				515000	519000	523000	

<b>10MHz</b>	DFT-s-OFDM QPSK	1	1	17.33	17.31	17.32	18.00
--------------	-----------------	---	---	-------	-------	-------	-------

N38 DSI3				Conducted Power(dBm)			
SCS 30kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				518000	519000	520000	
				2590	2595	2600	
<b>40MHz</b>	DFT-s-OFDM PI/2 BPSK	1	1	17.80	17.89	17.82	18.50
		1	53	17.78	17.88	17.80	18.50
		1	104	17.80	17.82	17.76	18.50
		50	0	17.84	17.85	17.83	18.50
		50	28	17.82	17.83	17.80	18.50
		50	56	17.82	17.89	17.76	18.50
	DFT-s-OFDM QPSK	100	0	17.78	17.82	17.77	18.50
		1	1	18.07	18.21	18.17	18.50
		1	53	17.82	17.81	17.84	18.50
		1	104	17.80	17.86	17.80	18.50
		50	0	17.81	17.85	17.84	18.50
		50	28	17.99	18.19	18.09	18.50
	DFT-s-OFDM 16QAM	50	56	17.84	17.82	17.79	18.50
		100	0	17.86	17.84	17.77	18.50
		1	1	17.80	17.87	17.85	18.50
	DFT-s-OFDM 64QAM	1	1	17.82	17.83	17.84	18.50
	DFT-s-OFDM 256QAM	1	1	17.82	17.81	17.77	18.50
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				518000	519000	520000	
<b>40MHz</b>	CP-OFDM QPSK	1	1	17.79	17.81	17.78	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				517000	519000	521000	
<b>30MHz</b>	DFT-s-OFDM QPSK	1	1	17.85	17.89	17.82	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				516000	519000	522000	
<b>20MHz</b>	DFT-s-OFDM QPSK	1	1	17.82	17.82	17.81	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				515500	519000	522500	
<b>15MHz</b>	DFT-s-OFDM QPSK	1	1	17.80	17.82	17.82	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				515000	519000	523000	



<b>10MHz</b>	DFT-s-OFDM QPSK	1	1	17.81	17.86	17.81	18.50
--------------	-----------------	---	---	-------	-------	-------	-------

N41 Full Power				Conducted Power(dBm)				
SCS 30kHz								
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				509202	518598	528000		
				2546.01	2592.99	2640		
<b>100MHz</b>	DFT-s-OFDM PI/2 BPSK	1	1	25.06	25.05	25.05	25.70	
		1	137	24.98	25.02	25.02	25.70	
		1	271	24.89	24.86	24.90	25.70	
		135	0	24.57	24.49	24.57	25.20	
		135	69	25.14	25.16	25.20	25.70	
		135	138	24.57	24.55	24.56	25.20	
	DFT-s-OFDM QPSK	1	1	25.27	25.31	25.29	25.70	
		1	137	24.99	24.94	24.98	25.70	
		1	271	24.88	24.85	24.85	25.70	
		135	0	24.11	24.16	24.17	24.70	
		135	69	25.15	25.25	25.18	25.70	
		135	138	24.00	24.02	24.09	24.70	
	DFT-s-OFDM 16QAM	1	1	24.04	24.08	24.02	24.70	
		1	1	22.50	22.48	22.47	23.20	
		1	1	20.45	20.47	20.51	21.20	
	DFT-s-OFDM 256QAM	1	1	20.45	20.47	20.51	21.20	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
	<b>100MHz</b>	CP-OFDM QPSK	1	1	22.95	22.89	22.84	23.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				508200	518598	528996		
<b>90MHz</b>	DFT-s-OFDM QPSK	1	1	25.05	25.01	25.11	25.70	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				507204	518598	529998		
<b>80MHz</b>	DFT-s-OFDM QPSK	1	1	25.04	25.04	25.02	25.70	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				506202	518598	531000		
<b>70MHz</b>	DFT-s-OFDM QPSK	1	1	25.06	25.05	25.02	25.70	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				505200	518598	531996		

<b>60MHz</b>	DFT-s-OFDM QPSK	1	1	25.10	25.02	25.10	25.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				504204	518598	532998	
<b>50MHz</b>	DFT-s-OFDM QPSK	1	1	25.10	25.11	25.08	25.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				503202	518598	534000	
<b>40MHz</b>	DFT-s-OFDM QPSK	1	1	25.11	25.02	25.09	25.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				502200	518598	534996	
<b>30MHz</b>	DFT-s-OFDM QPSK	1	1	25.04	25.01	25.02	25.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				501204	518598	535998	
<b>20MHz</b>	DFT-s-OFDM QPSK	1	1	25.03	25.02	25.03	25.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				500700	518598	536496	
<b>15MHz</b>	DFT-s-OFDM QPSK	1	1	25.11	25.07	25.09	25.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				500202	518598	537000	
<b>10MHz</b>	DFT-s-OFDM QPSK	1	1	25.03	25.05	25.02	25.70

N41 DSI1 DSI5				Conducted Power(dBm)			
SCS 30kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				509202	518598	528000	
				2546.01	2592.99	2640	
<b>100MHz</b>	DFT-s-OFDM PI/2 BPSK	1	1	17.42	17.41	17.37	18.20
		1	137	17.38	17.41	17.40	18.20
		1	271	17.44	17.45	17.37	18.20
		135	0	17.40	17.49	17.43	18.20
		135	69	17.39	17.47	17.39	18.20
		135	138	17.46	17.48	17.42	18.20
		270	0	17.44	17.42	17.38	18.20
	DFT-s-OFDM QPSK	1	1	17.71	17.84	17.77	18.20
		1	137	17.38	17.47	17.37	18.20
		1	271	17.38	17.42	17.41	18.20
		135	0	17.41	17.44	17.42	18.20
		135	69	17.63	17.58	17.66	18.20
		135	138	17.41	17.43	17.38	18.20
DFT-s-OFDM 16QAM	1	1	17.41	17.44	17.44	18.20	

	DFT-s-OFDM 64QAM	1	1	17.37	17.41	17.41	18.20
	DFT-s-OFDM 256QAM	1	1	17.39	17.48	17.38	18.20
Bandwidth	Modulation	RB size	RB offset	Channel 509202	Channel 518598	Channel 528000	Tune up
<b>100MHz</b>	CP-OFDM QPSK	1	1	17.41	17.49	17.40	18.20
Bandwidth	Modulation	RB size	RB offset	Channel 508200	Channel 518598	Channel 528996	Tune up
<b>90MHz</b>	DFT-s-OFDM QPSK	1	1	17.40	17.40	17.37	18.20
Bandwidth	Modulation	RB size	RB offset	Channel 507204	Channel 518598	Channel 529998	Tune up
<b>80MHz</b>	DFT-s-OFDM QPSK	1	1	17.38	17.49	17.43	18.20
Bandwidth	Modulation	RB size	RB offset	Channel 506202	Channel 518598	Channel 531000	Tune up
<b>70MHz</b>	DFT-s-OFDM QPSK	1	1	17.44	17.45	17.39	18.20
Bandwidth	Modulation	RB size	RB offset	Channel 505200	Channel 518598	Channel 531996	Tune up
<b>60MHz</b>	DFT-s-OFDM QPSK	1	1	17.42	17.41	17.37	18.20
Bandwidth	Modulation	RB size	RB offset	Channel 504204	Channel 518598	Channel 532998	Tune up
<b>50MHz</b>	DFT-s-OFDM QPSK	1	1	17.41	17.45	17.39	18.20
Bandwidth	Modulation	RB size	RB offset	Channel 503202	Channel 518598	Channel 534000	Tune up
<b>40MHz</b>	DFT-s-OFDM QPSK	1	1	17.43	17.42	17.44	18.20
Bandwidth	Modulation	RB size	RB offset	Channel 502200	Channel 518598	Channel 534996	Tune up
<b>30MHz</b>	DFT-s-OFDM QPSK	1	1	17.43	17.41	17.45	18.20
Bandwidth	Modulation	RB size	RB offset	Channel 501204	Channel 518598	Channel 535998	Tune up
<b>20MHz</b>	DFT-s-OFDM QPSK	1	1	17.41	17.46	17.40	18.20
Bandwidth	Modulation	RB size	RB offset	Channel 500700	Channel 518598	Channel 536496	Tune up
<b>15MHz</b>	DFT-s-OFDM QPSK	1	1	17.38	17.42	17.44	18.20
Bandwidth	Modulation	RB size	RB offset	Channel 500202	Channel 518598	Channel 537000	Tune up
<b>10MHz</b>	DFT-s-OFDM QPSK	1	1	17.39	17.44	17.40	18.20

N41 DS13	Conducted Power(dBm)
SCS 30kHz	

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				509202	518598	528000	
				2546.01	2592.99	2640	
<b>100MHz</b>	DFT-s-OFDM PI/2 BPSK	1	1	17.90	17.92	17.90	18.70
		1	137	17.91	17.93	17.90	18.70
		1	271	17.94	17.92	17.86	18.70
		135	0	17.88	17.99	17.95	18.70
		135	69	17.93	17.90	17.87	18.70
		135	138	17.95	17.91	17.89	18.70
		270	0	17.94	17.93	17.87	18.70
	DFT-s-OFDM QPSK	1	1	18.19	18.35	18.29	18.70
		1	137	17.87	17.92	17.88	18.70
		1	271	17.90	17.94	17.89	18.70
		135	0	17.96	17.95	17.92	18.70
		135	69	18.07	18.11	18.16	18.70
		135	138	17.93	17.93	17.88	18.70
	DFT-s-OFDM 16QAM	1	1	17.89	17.98	17.93	18.70
		1	1	17.87	17.95	17.92	18.70
		1	1	17.89	17.96	17.89	18.70
	DFT-s-OFDM 64QAM	1	1	17.89	17.96	17.89	18.70
	DFT-s-OFDM 256QAM	1	1	17.89	17.96	17.89	18.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				509202	518598	528000	
<b>100MHz</b>	CP-OFDM QPSK	1	1	17.90	17.97	17.91	18.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				508200	518598	528996	
<b>90MHz</b>	DFT-s-OFDM QPSK	1	1	17.95	17.91	17.88	18.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				507204	518598	529998	
<b>80MHz</b>	DFT-s-OFDM QPSK	1	1	17.87	17.94	17.92	18.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				506202	518598	531000	
<b>70MHz</b>	DFT-s-OFDM QPSK	1	1	17.95	17.91	17.90	18.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				505200	518598	531996	
<b>60MHz</b>	DFT-s-OFDM QPSK	1	1	17.89	17.95	17.95	18.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				504204	518598	532998	
<b>50MHz</b>	DFT-s-OFDM QPSK	1	1	17.90	17.97	17.87	18.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				503202	518598	534000	
<b>40MHz</b>	DFT-s-OFDM QPSK	1	1	17.95	17.97	17.89	18.70



---

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				502200	518598	534996	
<b>30MHz</b>	DFT-s-OFDM QPSK	1	1	17.89	17.91	17.91	18.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				501204	518598	535998	
<b>20MHz</b>	DFT-s-OFDM QPSK	1	1	17.87	17.96	17.90	18.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				500700	518598	536496	
<b>15MHz</b>	DFT-s-OFDM QPSK	1	1	17.91	17.90	17.87	18.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				500202	518598	537000	
<b>10MHz</b>	DFT-s-OFDM QPSK	1	1	17.91	17.96	17.91	18.70

---

### 13.6 Conducted Power of NR Antenna (Ant5)

N2 Full Power				Conducted Power(dBm)				
Bandwidth	Modulation	RB size	RB offset	SCS 15kHz			Tune up	
				Channel 372000	Channel 376000	Channel 380000		
				18600	1880	1900		
<b>20MHz</b>	DFT-s-OFDM PI/2 BPSK	1	1	24.79	24.74	24.81	25.50	
		1	53	24.65	24.65	24.72	25.50	
		1	104	24.56	24.61	24.55	25.50	
		50	0	24.19	24.26	24.27	25.00	
		50	28	24.90	24.90	24.84	25.50	
		50	56	24.21	24.22	24.25	25.00	
		DFT-s-OFDM QPSK	100	0	24.21	24.28	24.29	25.00
			1	1	24.94	25.10	25.01	25.50
			1	53	24.71	24.70	24.72	25.50
			1	104	24.54	24.58	24.55	25.50
			50	0	23.80	23.77	23.87	24.50
			50	28	24.92	24.89	24.91	25.50
			50	56	23.77	23.78	23.70	24.50
			100	0	23.74	23.77	23.72	24.50
		DFT-s-OFDM 16QAM	1	1	23.71	23.71	23.70	24.50
	DFT-s-OFDM 64QAM	1	1	22.16	22.19	22.23	23.00	
	DFT-s-OFDM 256QAM	1	1	20.16	20.18	20.21	21.00	
Bandwidth	Modulation	RB size	RB offset	Channel 372000	Channel 376000	Channel 380000	Tune up	
<b>20MHz</b>	CP-OFDM QPSK	1	1	22.59	22.54	22.60	23.00	
Bandwidth	Modulation	RB size	RB offset	Channel 371500	Channel 376000	Channel 380500	Tune up	
<b>15MHz</b>	DFT-s-OFDM QPSK	1	1	24.76	24.76	24.76	25.50	
Bandwidth	Modulation	RB size	RB offset	Channel 371000	Channel 376000	Channel 381000	Tune up	
<b>10MHz</b>	DFT-s-OFDM QPSK	1	1	24.80	24.80	24.81	25.50	
Bandwidth	Modulation	RB size	RB offset	Channel 370500	Channel 376000	Channel 381500	Tune up	



				2520	2535	2550	
<b>40MHz</b>	DFT-s-OFDM PI/2 BPSK	1	1	25.18	25.14	25.13	25.70
		1	108	25.09	25.09	25.09	25.70
		1	214	25.03	25.05	24.95	25.70
		108	0	24.65	24.63	24.66	25.20
		108	54	25.28	25.34	25.31	25.70
		108	108	24.67	24.64	24.63	25.20
		216	0	24.69	24.67	24.61	25.20
	DFT-s-OFDM QPSK	1	1	25.34	25.41	25.38	25.70
		1	108	25.09	25.11	25.14	25.70
		1	214	24.96	25.02	24.98	25.70
		108	0	24.25	24.18	24.18	24.70
		108	54	25.31	25.32	25.26	25.70
		108	108	24.11	24.14	24.15	24.70
		216	0	24.14	24.14	24.13	24.70
	DFT-s-OFDM 16QAM	1	1	24.17	24.10	24.12	24.70
	DFT-s-OFDM 64QAM	1	1	22.62	22.61	22.61	23.20
	DFT-s-OFDM 256QAM	1	1	20.64	20.64	20.57	21.20
	Bandwidth	Modulation	RB size	RB offset	Channel 504000	Channel 507000	Channel 510000
<b>40MHz</b>	CP-OFDM QPSK	1	1	23.05	23.03	23.03	23.20
Bandwidth	Modulation	RB size	RB offset	Channel 503000	Channel 507000	Channel 511000	Tune up
<b>30MHz</b>	DFT-s-OFDM QPSK	1	1	25.20	25.17	25.11	25.70
Bandwidth	Modulation	RB size	RB offset	Channel 502500	Channel 507000	Channel 511500	Tune up
<b>25MHz</b>	DFT-s-OFDM QPSK	1	1	25.17	25.14	25.18	25.70
Bandwidth	Modulation	RB size	RB offset	Channel 502000	Channel 507000	Channel 512000	Tune up
<b>20MHz</b>	DFT-s-OFDM QPSK	1	1	25.16	25.17	25.11	25.70
Bandwidth	Modulation	RB size	RB offset	Channel 501500	Channel 507000	Channel 512500	Tune up
<b>15MHz</b>	DFT-s-OFDM QPSK	1	1	25.10	25.18	25.13	25.70
Bandwidth	Modulation	RB size	RB offset	Channel 501000	Channel 507000	Channel 513000	Tune up
<b>10MHz</b>	DFT-s-OFDM QPSK	1	1	25.12	25.12	25.16	25.70
Bandwidth	Modulation	RB size	RB offset	Channel 500500	Channel 507000	Channel 513500	Tune up
<b>5MHz</b>	DFT-s-OFDM QPSK	1	1	25.15	25.18	25.19	25.70



N7 DSI3 DSI5				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				504000	507000	510000	
				2520	2535	2550	
<b>40MHz</b>	DFT-s-OFDM PI/2 BPSK	1	1	19.08	19.17	19.06	19.70
		1	108	19.14	19.26	19.12	19.70
		1	214	19.17	19.19	19.09	19.70
		108	0	19.14	19.17	19.12	19.70
		108	54	19.25	19.33	19.32	19.70
		108	108	19.19	19.16	19.16	19.70
	DFT-s-OFDM QPSK	216	0	19.16	19.05	19.12	19.70
		1	1	19.34	19.53	19.43	19.70
		1	108	19.12	19.21	19.07	19.70
		1	214	19.16	19.24	19.11	19.70
		108	0	19.07	19.23	19.07	19.70
		108	54	19.31	19.40	19.28	19.70
	DFT-s-OFDM 16QAM	108	108	19.13	19.23	19.13	19.70
		216	0	19.11	19.24	19.17	19.70
		1	1	19.17	19.20	19.09	19.70
		1	1	19.15	19.21	19.07	19.70
		1	1	19.19	19.18	19.03	19.70
	DFT-s-OFDM 64QAM	1	1	19.15	19.21	19.07	19.70
DFT-s-OFDM 256QAM	1	1	19.19	19.18	19.03	19.70	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
<b>40MHz</b>	CP-OFDM QPSK	1	1	504000	507000	510000	19.70
19.11	19.13	19.11					
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
<b>30MHz</b>	DFT-s-OFDM QPSK	1	1	503000	507000	511000	19.70
19.18	19.19	19.13					
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
<b>25MHz</b>	DFT-s-OFDM QPSK	1	1	502500	507000	511500	19.70
19.14	19.22	19.06					
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
<b>20MHz</b>	DFT-s-OFDM QPSK	1	1	502000	507000	512000	19.70
19.16	19.16	19.10					
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
<b>15MHz</b>	DFT-s-OFDM QPSK	1	1	501500	507000	512500	19.70
19.17	19.19	19.05					
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
<b>10MHz</b>	DFT-s-OFDM QPSK	1	1	501000	507000	513000	19.70
19.17	19.19	19.08					
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				500500	507000	513500	

<b>5MHz</b>	DFT-s-OFDM QPSK	1	1	19.17	19.21	19.08	19.70
-------------	-----------------	---	---	-------	-------	-------	-------

N38 Full Power				Conducted Power(dBm)							
SCS 30kHz											
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up				
				518000	519000	520000					
				2590	2595	2600					
<b>40MHz</b>	DFT-s-OFDM PI/2 BPSK	1	1	24.88	24.84	24.82	25.50				
		1	53	24.80	24.77	24.83	25.50				
		1	104	24.71	24.73	24.69	25.50				
		50	0	24.29	24.34	24.30	25.00				
		50	28	25.04	24.96	25.04	25.50				
		50	56	24.30	24.39	24.37	25.00				
	DFT-s-OFDM QPSK	1	1	25.02	25.11	25.01	25.50				
		1	53	24.75	24.77	24.81	25.50				
		1	104	24.64	24.70	24.65	25.50				
		50	0	23.93	23.93	23.95	24.50				
		50	28	24.99	24.99	25.05	25.50				
		50	56	23.80	23.82	23.89	24.50				
	DFT-s-OFDM 16QAM	1	1	23.88	23.82	23.86	24.50				
		DFT-s-OFDM 64QAM	1	1	22.29	22.29	22.25	23.00			
			DFT-s-OFDM 256QAM	1	1	20.35	20.32	20.28	21.00		
				Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
								518000	519000	520000	
	<b>40MHz</b>	CP-OFDM QPSK	1	1	22.72	22.75	22.70	23.00			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up				
				517000	519000	521000					
<b>30MHz</b>	DFT-s-OFDM QPSK	1	1	24.90	24.86	24.85	25.50				
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up				
				516000	519000	522000					
<b>20MHz</b>	DFT-s-OFDM QPSK	1	1	24.89	24.82	24.83	25.50				
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up				
				515500	519000	522500					
<b>15MHz</b>	DFT-s-OFDM QPSK	1	1	24.90	24.84	24.81	25.50				
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up				
				515000	519000	523000					
<b>10MHz</b>	DFT-s-OFDM QPSK	1	1	24.83	24.86	24.88	25.50				

N38 DSI3 DSI5				Conducted Power(dBm)			
SCS 30kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				518000	519000	520000	
				2590	2595	2600	
<b>40MHz</b>	DFT-s-OFDM PI/2 BPSK	1	1	18.80	18.90	18.79	19.50
		1	53	18.85	18.93	18.83	19.50
		1	104	18.82	18.91	18.81	19.50
		50	0	18.84	18.88	18.76	19.50
		50	28	18.96	19.06	19.03	19.50
		50	56	18.88	18.82	18.81	19.50
	100	0	18.86	18.78	18.80	19.50	
	DFT-s-OFDM QPSK	1	1	19.05	19.18	19.12	19.50
		1	53	18.82	18.90	18.80	19.50
		1	104	18.90	19.00	18.79	19.50
		50	0	18.79	18.89	18.82	19.50
		50	28	19.01	19.06	18.95	19.50
		50	56	18.88	18.89	18.85	19.50
	100	0	18.80	18.95	18.86	19.50	
	DFT-s-OFDM 16QAM	1	1	18.86	18.92	18.76	19.50
	DFT-s-OFDM 64QAM	1	1	18.81	18.91	18.83	19.50
	DFT-s-OFDM 256QAM	1	1	18.85	18.84	18.81	19.50
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				518000	519000	520000	
<b>40MHz</b>	CP-OFDM QPSK	1	1	18.96	19.09	18.97	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				517000	519000	521000	
<b>30MHz</b>	DFT-s-OFDM QPSK	1	1	18.96	19.11	18.98	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				516000	519000	522000	
<b>20MHz</b>	DFT-s-OFDM QPSK	1	1	19.03	19.06	18.97	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				515500	519000	522500	
<b>15MHz</b>	DFT-s-OFDM QPSK	1	1	18.99	19.11	18.91	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				515000	519000	523000	
<b>10MHz</b>	DFT-s-OFDM QPSK	1	1	18.99	19.13	18.97	19.50

N41 Full Power				Conducted Power(dBm)			
SCS 30kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				509202	518598	528000	

				2546.01	2592.99	2640	
<b>100MHz</b>	DFT-s-OFDM PI/2 BPSK	1	1	25.39	25.37	25.37	25.70
		1	137	25.30	25.28	25.26	25.70
		1	271	25.17	25.16	25.14	25.70
		135	0	24.87	24.85	24.87	25.20
		135	69	25.54	25.45	25.45	25.70
		135	138	24.84	24.83	24.88	25.20
	DFT-s-OFDM QPSK	270	0	24.88	24.87	24.90	25.20
		1	1	25.55	25.57	25.52	25.70
		1	137	25.27	25.29	25.32	25.70
		1	271	25.23	25.15	25.25	25.70
		135	0	24.39	24.47	24.38	24.70
		135	69	25.53	25.53	25.53	25.70
	DFT-s-OFDM 16QAM	135	138	24.35	24.36	24.30	24.70
		270	0	24.36	24.41	24.39	24.70
		1	1	24.29	24.33	24.38	24.70
	DFT-s-OFDM 64QAM	1	1	22.79	22.82	22.82	23.20
DFT-s-OFDM 256QAM	1	1	20.81	20.82	20.79	21.20	
Bandwidth	Modulation	RB size	RB offset	Channel 509202	Channel 518598	Channel 528000	Tune up
<b>100MHz</b>	CP-OFDM QPSK	1	1	23.14	23.14	23.18	23.20
Bandwidth	Modulation	RB size	RB offset	Channel 508200	Channel 518598	Channel 528996	Tune up
<b>90MHz</b>	DFT-s-OFDM QPSK	1	1	25.39	25.41	25.38	25.70
Bandwidth	Modulation	RB size	RB offset	Channel 507204	Channel 518598	Channel 529998	Tune up
<b>80MHz</b>	DFT-s-OFDM QPSK	1	1	25.39	25.38	25.39	25.70
Bandwidth	Modulation	RB size	RB offset	Channel 506202	Channel 518598	Channel 531000	Tune up
<b>70MHz</b>	DFT-s-OFDM QPSK	1	1	25.39	25.36	25.35	25.70
Bandwidth	Modulation	RB size	RB offset	Channel 505200	Channel 518598	Channel 531996	Tune up
<b>60MHz</b>	DFT-s-OFDM QPSK	1	1	25.35	25.31	25.33	25.70
Bandwidth	Modulation	RB size	RB offset	Channel 504204	Channel 518598	Channel 532998	Tune up
<b>50MHz</b>	DFT-s-OFDM QPSK	1	1	25.32	25.30	25.31	25.70
Bandwidth	Modulation	RB size	RB offset	Channel 503202	Channel 518598	Channel 534000	Tune up
<b>40MHz</b>	DFT-s-OFDM QPSK	1	1	25.39	25.30	25.33	25.70
Bandwidth	Modulation	RB size	RB offset	Channel 502200	Channel 518598	Channel 534996	Tune up

<b>30MHz</b>	DFT-s-OFDM QPSK	1	1	25.39	25.32	25.38	25.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				501204	518598	535998	
<b>20MHz</b>	DFT-s-OFDM QPSK	1	1	25.33	25.34	25.40	25.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				500700	518598	536496	
<b>15MHz</b>	DFT-s-OFDM QPSK	1	1	25.34	25.41	25.33	25.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				500202	518598	537000	
<b>10MHz</b>	DFT-s-OFDM QPSK	1	1	25.37	25.31	25.31	25.70

N41 DS13 DS15				Conducted Power(dBm)			
SCS 30kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				509202	518598	528000	
				2546.01	2592.99	2640	
<b>100MHz</b>	DFT-s-OFDM PI/2 BPSK	1	1	19.11	19.13	19.08	19.70
		1	137	19.12	19.29	19.13	19.70
		1	271	19.15	19.20	19.08	19.70
		135	0	19.10	19.18	19.11	19.70
		135	69	19.31	19.29	19.29	19.70
		135	138	19.18	19.15	19.13	19.70
	DFT-s-OFDM QPSK	270	0	19.18	19.08	19.17	19.70
		1	1	19.36	19.49	19.47	19.70
		1	137	19.12	19.16	19.06	19.70
		1	271	19.15	19.22	19.07	19.70
		135	0	19.11	19.18	19.08	19.70
		135	69	19.31	19.36	19.29	19.70
	DFT-s-OFDM 16QAM	135	138	19.15	19.24	19.16	19.70
		270	0	19.10	19.24	19.16	19.70
		1	1	19.10	19.17	19.14	19.70
	DFT-s-OFDM 64QAM	1	1	19.16	19.13	19.12	19.70
DFT-s-OFDM 256QAM	1	1	19.22	19.20	19.04	19.70	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				509202	518598	528000	
<b>100MHz</b>	CP-OFDM QPSK	1	1	19.14	19.27	19.12	19.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				508200	518598	528996	
<b>90MHz</b>	DFT-s-OFDM QPSK	1	1	19.21	19.25	19.08	19.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				507204	518598	529998	

<b>80MHz</b>	DFT-s-OFDM QPSK	1	1	19.14	19.18	19.07	19.70
Bandwidth	Modulation	RB size	RB offset	Channel 506202	Channel 518598	Channel 531000	Tune up
<b>70MHz</b>	DFT-s-OFDM QPSK	1	1	19.18	19.24	19.15	19.70
Bandwidth	Modulation	RB size	RB offset	Channel 505200	Channel 518598	Channel 531996	Tune up
<b>60MHz</b>	DFT-s-OFDM QPSK	1	1	19.18	19.18	19.10	19.70
Bandwidth	Modulation	RB size	RB offset	Channel 504204	Channel 518598	Channel 532998	Tune up
<b>50MHz</b>	DFT-s-OFDM QPSK	1	1	19.16	19.22	19.11	19.70
Bandwidth	Modulation	RB size	RB offset	Channel 503202	Channel 518598	Channel 534000	Tune up
<b>40MHz</b>	DFT-s-OFDM QPSK	1	1	19.20	19.19	19.14	19.70
Bandwidth	Modulation	RB size	RB offset	Channel 502200	Channel 518598	Channel 534996	Tune up
<b>30MHz</b>	DFT-s-OFDM QPSK	1	1	19.15	19.24	19.15	19.70
Bandwidth	Modulation	RB size	RB offset	Channel 501204	Channel 518598	Channel 535998	Tune up
<b>20MHz</b>	DFT-s-OFDM QPSK	1	1	19.18	19.19	19.15	19.70
Bandwidth	Modulation	RB size	RB offset	Channel 500700	Channel 518598	Channel 536496	Tune up
<b>15MHz</b>	DFT-s-OFDM QPSK	1	1	19.19	19.20	19.08	19.70
Bandwidth	Modulation	RB size	RB offset	Channel 500202	Channel 518598	Channel 537000	Tune up
<b>10MHz</b>	DFT-s-OFDM QPSK	1	1	19.13	19.27	19.12	19.70

### 13.7 Conducted Power of NR Antenna (Ant6)

N48 Full Power				Conducted Power(dBm)				
SCS 30kHz								
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				638000	641666	645332		
				3570	3624.99	3679.98		
<b>40MHz</b>	DFT-s-OFDM PI/2 BPSK	1	1	23.59	23.54	23.60	24.50	
		1	53	23.48	23.52	23.51	24.50	
		1	104	23.39	23.37	23.38	24.50	
		50	0	22.99	23.07	22.98	24.00	
		50	28	23.69	23.70	23.64	24.50	
		50	56	23.07	23.10	23.06	24.00	
		100	0	23.02	23.09	23.05	24.00	
	DFT-s-OFDM QPSK	1	1	23.74	23.78	23.76	24.50	
		1	53	23.46	23.48	23.48	24.50	
		1	104	23.38	23.43	23.43	24.50	
		50	0	22.63	22.65	22.59	23.50	
		50	28	23.72	23.74	23.72	24.50	
		50	56	22.60	22.54	22.52	23.50	
	DFT-s-OFDM 16QAM	1	1	22.53	22.59	22.54	23.50	
		DFT-s-OFDM 64QAM	1	1	20.96	21.04	20.99	22.00
			DFT-s-OFDM 256QAM	1	1	18.98	19.01	19.02
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					638000	641666	645332	
<b>40MHz</b>	CP-OFDM QPSK	1	1	21.39	21.41	21.34	22.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				637668	641666	645666		
<b>30MHz</b>	DFT-s-OFDM QPSK	1	1	23.52	23.60	23.57	24.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				637334	641666	646000		
<b>20MHz</b>	DFT-s-OFDM QPSK	1	1	23.55	23.54	23.60	24.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	

				637168	641666	646166	
<b>15MHz</b>	DFT-s-OFDM QPSK	1	1	23.60	23.53	23.58	24.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				637000	641666	646332	
<b>10MHz</b>	DFT-s-OFDM QPSK	1	1	23.51	23.50	23.50	24.50

N48 DSI1 DSI5				Conducted Power(dBm)			
SCS 30kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				638000	641666	645332	
				3570	3624.99	3679.98	
<b>40MHz</b>	DFT-s-OFDM PI/2 BPSK	1	1	12.82	12.85	12.78	14.00
		1	53	12.82	12.91	12.81	14.00
		1	104	12.81	12.88	12.82	14.00
		50	0	12.78	12.85	12.81	14.00
		50	28	12.98	12.99	13.04	14.00
		50	56	12.83	12.85	12.85	14.00
		100	0	12.85	12.80	12.84	14.00
	DFT-s-OFDM QPSK	1	1	13.01	13.20	13.16	14.00
		1	53	12.84	12.86	12.79	14.00
		1	104	12.89	12.97	12.75	14.00
		50	0	12.79	12.91	12.83	14.00
		50	28	12.98	13.13	12.99	14.00
		50	56	12.89	12.89	12.85	14.00
		100	0	12.83	12.96	12.79	14.00
	DFT-s-OFDM 16QAM	1	1	12.87	12.93	12.78	14.00
	DFT-s-OFDM 64QAM	1	1	12.81	12.89	12.76	14.00
	DFT-s-OFDM 256QAM	1	1	12.93	12.87	12.76	14.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				638000	641666	645332	
<b>40MHz</b>	CP-OFDM QPSK	1	1	12.87	12.91	12.87	14.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				637668	641666	645666	
<b>30MHz</b>	DFT-s-OFDM QPSK	1	1	12.83	12.94	12.80	14.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				637334	641666	646000	
<b>20MHz</b>	DFT-s-OFDM QPSK	1	1	12.80	12.93	12.81	14.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				637168	641666	646166	
<b>15MHz</b>	DFT-s-OFDM QPSK	1	1	12.88	12.96	12.87	14.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				637000	641666	646332	





<b>10MHz</b>	DFT-s-OFDM QPSK	1	1	12.81	12.97	12.84	14.00
--------------	-----------------	---	---	-------	-------	-------	-------

N48 DSI3				Conducted Power(dBm)				
SCS 30kHz								
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				638000	641666	645332		
				3570	3624.99	3679.98		
<b>40MHz</b>	DFT-s-OFDM PI/2 BPSK	1	1	18.30	18.36	18.23	19.50	
		1	53	18.32	18.44	18.36	19.50	
		1	104	18.33	18.44	18.26	19.50	
		50	0	18.27	18.36	18.31	19.50	
		50	28	18.51	18.51	18.47	19.50	
		50	56	18.37	18.37	18.37	19.50	
		100	0	18.34	18.27	18.37	19.50	
	DFT-s-OFDM QPSK	1	1	18.57	18.73	18.62	19.50	
		1	53	18.33	18.35	18.28	19.50	
		1	104	18.34	18.42	18.32	19.50	
		50	0	18.33	18.38	18.30	19.50	
		50	28	18.45	18.60	18.44	19.50	
		50	56	18.36	18.44	18.29	19.50	
	DFT-s-OFDM 16QAM	1	1	18.32	18.41	18.29	19.50	
		DFT-s-OFDM 64QAM	1	1	18.30	18.36	18.28	19.50
		DFT-s-OFDM 256QAM	1	1	18.41	18.40	18.26	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				638000	641666	645332		
<b>40MHz</b>	CP-OFDM QPSK	1	1	18.35	18.42	18.29	19.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				637668	641666	645666		
<b>30MHz</b>	DFT-s-OFDM QPSK	1	1	18.31	18.42	18.28	19.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				637334	641666	646000		
<b>20MHz</b>	DFT-s-OFDM QPSK	1	1	18.32	18.39	18.33	19.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				637168	641666	646166		
<b>15MHz</b>	DFT-s-OFDM QPSK	1	1	18.30	18.38	18.29	19.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				637000	641666	646332		
<b>10MHz</b>	DFT-s-OFDM QPSK	1	1	18.36	18.35	18.29	19.50	

N77 PC2 Full Power				Conducted Power(dBm)				
SCS 30kHz(3450~3550)								
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				/	633334	/		
				/	3500	/		
<b>100MHz</b>	DFT-s-OFDM PI/2 BPSK	1	1	/	25.77	/	27.00	
		1	137	/	25.68	/	27.00	
		1	271	/	25.58	/	27.00	
		135	0	/	25.23	/	26.50	
		135	69	/	25.84	/	27.00	
		135	138	/	25.19	/	26.50	
	DFT-s-OFDM QPSK	1	1	/	25.97	/	27.00	
		1	137	/	25.72	/	27.00	
		1	271	/	25.63	/	27.00	
		135	0	/	24.81	/	26.00	
		135	69	/	25.94	/	27.00	
		135	138	/	24.69	/	26.00	
	DFT-s-OFDM 16QAM	1	1	/	24.80	/	26.00	
		DFT-s-OFDM 64QAM	1	1	/	24.69	/	26.00
		DFT-s-OFDM 256QAM	1	1	/	23.24	/	24.50
	21.22	/	22.50					
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					/	633334	/	
<b>100MHz</b>	CP-OFDM QPSK	1	1	/	23.57	/	24.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				633000	633334	633668		
<b>90MHz</b>	DFT-s-OFDM QPSK	1	1	25.70	25.80	25.78	27.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				632668	633334	634000		
<b>80MHz</b>	DFT-s-OFDM QPSK	1	1	25.75	25.75	25.80	27.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				632334	633334	634332		
<b>70MHz</b>	DFT-s-OFDM QPSK	1	1	25.74	25.72	25.72	27.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				632000	633334	634668		
<b>60MHz</b>	DFT-s-OFDM QPSK	1	1	25.80	25.74	25.73	27.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				631668	633334	635000		
<b>50MHz</b>	DFT-s-OFDM QPSK	1	1	25.70	25.76	25.77	27.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				631334	633334	635334		

<b>40MHz</b>	DFT-s-OFDM QPSK	1	1	25.79	25.79	25.77	27.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631000	633334	635666	
<b>30MHz</b>	DFT-s-OFDM QPSK	1	1	25.75	25.76	25.77	27.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
<b>20MHz</b>	DFT-s-OFDM QPSK	1	1	25.74	25.75	25.75	27.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630500	633334	636166	
<b>15MHz</b>	DFT-s-OFDM QPSK	1	1	25.79	25.72	25.70	27.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630334	633334	636332	
<b>10MHz</b>	DFT-s-OFDM QPSK	1	1	25.80	25.81	25.76	27.00

N77 PC3 Full Power				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500	/	
<b>100MHz</b>	DFT-s-OFDM PI/2 BPSK	1	1	/	24.76	/	25.70
		1	137	/	24.73	/	25.70
		1	271	/	24.59	/	25.70
		135	0	/	24.21	/	25.20
		135	69	/	24.92	/	25.70
		135	138	/	24.19	/	25.20
		270	0	/	24.25	/	25.20
	DFT-s-OFDM QPSK	1	1	/	24.93	/	25.70
		1	137	/	24.67	/	25.70
		1	271	/	24.63	/	25.70
		135	0	/	23.79	/	24.70
		135	69	/	24.86	/	25.70
		135	138	/	23.71	/	24.70
		270	0	/	23.74	/	24.70
	DFT-s-OFDM 16QAM	1	1	/	23.74	/	24.70
DFT-s-OFDM 64QAM	1	1	/	22.23	/	23.20	
DFT-s-OFDM 256QAM	1	1	/	20.19	/	21.20	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
<b>100MHz</b>	CP-OFDM QPSK	1	1	/	22.60	/	23.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				633000	633334	633668	
<b>90MHz</b>	DFT-s-OFDM QPSK	1	1	24.79	24.79	24.80	25.70

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632668	633334	634000	
<b>80MHz</b>	DFT-s-OFDM QPSK	1	1	24.75	24.74	24.76	25.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632334	633334	634332	
<b>70MHz</b>	DFT-s-OFDM QPSK	1	1	24.77	24.79	24.74	25.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	
<b>60MHz</b>	DFT-s-OFDM QPSK	1	1	24.75	24.79	24.71	25.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631668	633334	635000	
<b>50MHz</b>	DFT-s-OFDM QPSK	1	1	24.75	24.75	24.74	25.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
<b>40MHz</b>	DFT-s-OFDM QPSK	1	1	24.73	24.75	24.74	25.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631000	633334	635666	
<b>30MHz</b>	DFT-s-OFDM QPSK	1	1	24.79	24.78	24.78	25.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
<b>20MHz</b>	DFT-s-OFDM QPSK	1	1	24.75	24.76	24.76	25.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630500	633334	636166	
<b>15MHz</b>	DFT-s-OFDM QPSK	1	1	24.74	24.77	24.72	25.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630334	633334	636332	
<b>10MHz</b>	DFT-s-OFDM QPSK	1	1	24.79	24.75	24.75	25.70

N77 PC2 PC3 DS11 DS15				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	/	14.20	/	15.20
		1	137	/	14.27	/	15.20
		1	271	/	14.21	/	15.20
		135	0	/	14.22	/	15.20
		135	69	/	14.33	/	15.20
		135	138	/	14.13	/	15.20
		270	0	/	14.09	/	15.20
	DFT-s-OFDM	1	1	/	14.48	/	15.20

	QPSK	1	137	/	14.19	/	15.20
		1	271	/	14.25	/	15.20
		135	0	/	14.17	/	15.20
		135	69	/	14.35	/	15.20
		135	138	/	14.23	/	15.20
		270	0	/	14.24	/	15.20
	DFT-s-OFDM 16QAM	1	1	/	14.18	/	15.20
	DFT-s-OFDM 64QAM	1	1	/	14.18	/	15.20
	DFT-s-OFDM 256QAM	1	1	/	14.19	/	15.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
<b>100MHz</b>	CP-OFDM QPSK	1	1	/	14.18	/	15.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				633000	633334	633668	
<b>90MHz</b>	DFT-s-OFDM QPSK	1	1	14.10	14.20	14.08	15.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632668	633334	634000	
<b>80MHz</b>	DFT-s-OFDM QPSK	1	1	14.09	14.20	14.14	15.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632334	633334	634332	
<b>70MHz</b>	DFT-s-OFDM QPSK	1	1	14.10	14.21	14.12	15.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	
<b>60MHz</b>	DFT-s-OFDM QPSK	1	1	14.08	14.22	14.12	15.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631668	633334	635000	
<b>50MHz</b>	DFT-s-OFDM QPSK	1	1	14.14	14.19	14.15	15.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
<b>40MHz</b>	DFT-s-OFDM QPSK	1	1	14.14	14.20	14.08	15.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631000	633334	635666	
<b>30MHz</b>	DFT-s-OFDM QPSK	1	1	14.15	14.23	14.14	15.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
<b>20MHz</b>	DFT-s-OFDM QPSK	1	1	14.14	14.23	14.14	15.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630500	633334	636166	

<b>15MHz</b>	DFT-s-OFDM QPSK	1	1	14.15	14.21	14.09	15.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630334	633334	636332	
<b>10MHz</b>	DFT-s-OFDM QPSK	1	1	14.07	14.19	14.12	15.20

N77 PC2 PC3 DSI3				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500	/	
<b>100MHz</b>	DFT-s-OFDM PI/2 BPSK	1	1	/	16.91	/	17.70
		1	137	/	16.92	/	17.70
		1	271	/	16.94	/	17.70
		135	0	/	16.89	/	17.70
		135	69	/	17.02	/	17.70
		135	138	/	16.86	/	17.70
	DFT-s-OFDM QPSK	270	0	/	16.79	/	17.70
		1	1	/	17.20	/	17.70
		1	137	/	16.91	/	17.70
		1	271	/	16.93	/	17.70
		135	0	/	16.93	/	17.70
		135	69	/	17.10	/	17.70
	DFT-s-OFDM 16QAM	135	138	/	16.92	/	17.70
		270	0	/	16.98	/	17.70
		1	1	/	16.87	/	17.70
	DFT-s-OFDM 64QAM	1	1	/	16.86	/	17.70
	DFT-s-OFDM 256QAM	1	1	/	16.83	/	17.70
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				/	633334	/	
<b>100MHz</b>	CP-OFDM QPSK	1	1	/	16.87	/	17.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				633000	633334	633668	
<b>90MHz</b>	DFT-s-OFDM QPSK	1	1	16.88	16.93	16.83	17.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632668	633334	634000	
<b>80MHz</b>	DFT-s-OFDM QPSK	1	1	16.88	16.86	16.77	17.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632334	633334	634332	
<b>70MHz</b>	DFT-s-OFDM QPSK	1	1	16.83	16.88	16.79	17.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	

<b>60MHz</b>	DFT-s-OFDM QPSK	1	1	16.82	16.92	16.79	17.70
Bandwidth	Modulation	RB size	RB offset	Channel 631668	Channel 633334	Channel 635000	Tune up
<b>50MHz</b>	DFT-s-OFDM QPSK	1	1	16.89	16.89	16.76	17.70
Bandwidth	Modulation	RB size	RB offset	Channel 631334	Channel 633334	Channel 635334	Tune up
<b>40MHz</b>	DFT-s-OFDM QPSK	1	1	16.84	16.93	16.85	17.70
Bandwidth	Modulation	RB size	RB offset	Channel 631000	Channel 633334	Channel 635666	Tune up
<b>30MHz</b>	DFT-s-OFDM QPSK	1	1	16.85	16.90	16.77	17.70
Bandwidth	Modulation	RB size	RB offset	Channel 630668	Channel 633334	Channel 636000	Tune up
<b>20MHz</b>	DFT-s-OFDM QPSK	1	1	16.85	16.87	16.79	17.70
Bandwidth	Modulation	RB size	RB offset	Channel 630500	Channel 633334	Channel 636166	Tune up
<b>15MHz</b>	DFT-s-OFDM QPSK	1	1	16.81	16.89	16.83	17.70
Bandwidth	Modulation	RB size	RB offset	Channel 630334	Channel 633334	Channel 636332	Tune up
<b>10MHz</b>	DFT-s-OFDM QPSK	1	1	16.88	16.94	16.81	17.70

N77 PC2 PC3 DSI4				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500	/	
<b>100MHz</b>	DFT-s-OFDM PI/2 BPSK	1	1	/	23.79	/	24.70
		1	137	/	23.87	/	24.70
		1	271	/	23.79	/	24.70
		135	0	/	23.83	/	24.70
		135	69	/	23.95	/	24.70
		135	138	/	23.77	/	24.70
		270	0	/	23.65	/	24.70
	DFT-s-OFDM QPSK	1	1	/	24.07	/	24.70
		1	137	/	23.75	/	24.70
		1	271	/	23.89	/	24.70
		135	0	/	23.78	/	24.70
		135	69	/	23.95	/	24.70
		135	138	/	23.78	/	24.70
		270	0	/	23.86	/	24.70
	DFT-s-OFDM 16QAM	1	1	/	23.84	/	24.70
DFT-s-OFDM 64QAM	1	1	/	22.29	/	23.20	
DFT-s-OFDM 256QAM	1	1	/	20.29	/	21.20	

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
<b>100MHz</b>	CP-OFDM QPSK	1	1	/	22.66	/	23.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				633000	633334	633668	
<b>90MHz</b>	DFT-s-OFDM QPSK	1	1	23.74	23.86	23.76	24.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632668	633334	634000	
<b>80MHz</b>	DFT-s-OFDM QPSK	1	1	23.71	23.88	23.74	24.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632334	633334	634332	
<b>70MHz</b>	DFT-s-OFDM QPSK	1	1	23.72	23.88	23.73	24.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	
<b>60MHz</b>	DFT-s-OFDM QPSK	1	1	23.75	23.84	23.77	24.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631668	633334	635000	
<b>50MHz</b>	DFT-s-OFDM QPSK	1	1	23.78	23.89	23.70	24.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
<b>40MHz</b>	DFT-s-OFDM QPSK	1	1	23.74	23.82	23.73	24.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631000	633334	635666	
<b>30MHz</b>	DFT-s-OFDM QPSK	1	1	23.75	23.86	23.77	24.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
<b>20MHz</b>	DFT-s-OFDM QPSK	1	1	23.77	23.86	23.73	24.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630500	633334	636166	
<b>15MHz</b>	DFT-s-OFDM QPSK	1	1	23.74	23.87	23.69	24.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630334	633334	636332	
<b>10MHz</b>	DFT-s-OFDM QPSK	1	1	23.77	23.80	23.74	24.70

N77 PC2 Full Power				Conducted Power(dBm)			
SCS 30kHz(3700~3980)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				650000	656000	662000	
				3750	3840	3930	
<b>100MHz</b>	DFT-s-OFDM	1	1	25.30	25.28	25.21	26.50



	PI/2 BPSK	1	137	25.24	25.14	25.23	26.50	
		1	271	25.11	25.10	25.12	26.50	
		135	0	24.76	24.73	24.71	26.00	
		135	69	25.36	25.41	25.39	26.50	
		135	138	24.72	24.76	24.75	26.00	
		270	0	24.71	24.74	24.76	26.00	
	DFT-s-OFDM QPSK	1	1	25.42	25.44	25.45	26.50	
		1	137	25.24	25.18	25.23	26.50	
		1	271	25.13	25.06	25.04	26.50	
		135	0	24.27	24.38	24.36	25.50	
		135	69	25.42	25.40	25.39	26.50	
		135	138	24.21	24.20	24.24	25.50	
	DFT-s-OFDM 16QAM	1	1	24.25	24.27	24.29	25.50	
		1	1	22.72	22.67	22.67	24.00	
		1	1	20.66	20.68	20.73	22.00	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					650000	656000	662000	
	<b>100MHz</b>	CP-OFDM QPSK	1	1	23.11	23.05	23.10	24.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				649668	656000	662332		
<b>90MHz</b>	DFT-s-OFDM QPSK	1	1	25.29	25.30	25.29	26.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				649334	656000	662666		
<b>80MHz</b>	DFT-s-OFDM QPSK	1	1	25.28	25.30	25.23	26.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				649000	656000	663000		
<b>70MHz</b>	DFT-s-OFDM QPSK	1	1	25.23	25.30	25.22	26.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				648668	656000	663332		
<b>60MHz</b>	DFT-s-OFDM QPSK	1	1	25.23	25.25	25.23	26.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				648334	656000	663666		
<b>50MHz</b>	DFT-s-OFDM QPSK	1	1	25.20	25.21	25.27	26.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				648000	656000	664000		
<b>40MHz</b>	DFT-s-OFDM QPSK	1	1	25.22	25.27	25.22	26.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				647668	656000	664332		
<b>30MHz</b>	DFT-s-OFDM QPSK	1	1	25.24	25.21	25.23	26.50	

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647334	656000	664666	
<b>20MHz</b>	DFT-s-OFDM QPSK	1	1	25.27	25.27	25.26	26.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647168	656000	664832	
<b>15MHz</b>	DFT-s-OFDM QPSK	1	1	25.27	25.20	25.22	26.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647000	656000	665000	
<b>10MHz</b>	DFT-s-OFDM QPSK	1	1	25.23	25.21	25.30	26.50

N77 PC3 Full Power				Conducted Power(dBm)				
SCS 30kHz(3700~3980)								
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				650000	656000	662000		
				3750	3840	3930		
<b>100MHz</b>	DFT-s-OFDM PI/2 BPSK	1	1	24.21	24.29	24.27	25.50	
		1	137	24.21	24.24	24.21	25.50	
		1	271	24.10	24.14	24.12	25.50	
		135	0	23.78	23.74	23.73	25.00	
		135	69	24.36	24.36	24.41	25.50	
		135	138	23.79	23.73	23.69	25.00	
	DFT-s-OFDM QPSK	270	0	23.75	23.74	23.72	25.00	
		1	1	24.41	24.45	24.49	25.50	
		1	137	24.16	24.20	24.17	25.50	
		1	271	24.13	24.08	24.10	25.50	
		135	0	23.35	23.35	23.30	24.50	
		135	69	24.39	24.35	24.41	25.50	
	DFT-s-OFDM 16QAM	135	138	23.27	23.27	23.24	24.50	
		270	0	23.31	23.24	23.23	24.50	
		DFT-s-OFDM 16QAM	1	1	23.26	23.23	23.18	24.50
		DFT-s-OFDM 64QAM	1	1	21.65	21.69	21.71	23.00
		DFT-s-OFDM 256QAM	1	1	19.70	19.71	19.65	21.00
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
650000					656000	662000		
<b>100MHz</b>	CP-OFDM QPSK	1	1	22.11	22.09	22.14	23.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				649668	656000	662332		
<b>90MHz</b>	DFT-s-OFDM QPSK	1	1	24.25	24.28	24.31	25.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				649334	656000	662666		
<b>80MHz</b>	DFT-s-OFDM QPSK	1	1	24.22	24.29	24.28	25.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	

				649000	656000	663000	
<b>70MHz</b>	DFT-s-OFDM QPSK	1	1	24.22	24.30	24.27	25.50
Bandwidth	Modulation	RB size	RB offset	Channel 648668	Channel 656000	Channel 663332	Tune up
<b>60MHz</b>	DFT-s-OFDM QPSK	1	1	24.27	24.28	24.24	25.50
Bandwidth	Modulation	RB size	RB offset	Channel 648334	Channel 656000	Channel 663666	Tune up
<b>50MHz</b>	DFT-s-OFDM QPSK	1	1	24.20	24.30	24.21	25.50
Bandwidth	Modulation	RB size	RB offset	Channel 648000	Channel 656000	Channel 664000	Tune up
<b>40MHz</b>	DFT-s-OFDM QPSK	1	1	24.22	24.30	24.23	25.50
Bandwidth	Modulation	RB size	RB offset	Channel 647668	Channel 656000	Channel 664332	Tune up
<b>30MHz</b>	DFT-s-OFDM QPSK	1	1	24.25	24.30	24.26	25.50
Bandwidth	Modulation	RB size	RB offset	Channel 647334	Channel 656000	Channel 664666	Tune up
<b>20MHz</b>	DFT-s-OFDM QPSK	1	1	24.28	24.31	24.24	25.50
Bandwidth	Modulation	RB size	RB offset	Channel 647168	Channel 656000	Channel 664832	Tune up
<b>15MHz</b>	DFT-s-OFDM QPSK	1	1	24.30	24.26	24.29	25.50
Bandwidth	Modulation	RB size	RB offset	Channel 647000	Channel 656000	Channel 665000	Tune up
<b>10MHz</b>	DFT-s-OFDM QPSK	1	1	24.30	24.20	24.20	25.50

N77 PC2 PC3 DS11 DS15				Conducted Power(dBm)			
SCS 30kHz(3700~3980)							
Bandwidth	Modulation	RB size	RB offset	Channel 650000	Channel 656000	Channel 662000	Tune up
				3750	3840	3930	
<b>100MHz</b>	DFT-s-OFDM PI/2 BPSK	1	1	13.91	14.01	13.86	15.00
		1	137	13.88	14.03	13.93	15.00
		1	271	13.96	13.99	13.94	15.00
		135	0	13.86	14.04	13.84	15.00
		135	69	14.13	14.14	14.11	15.00
		135	138	13.92	13.90	13.93	15.00
		270	0	13.98	13.86	13.97	15.00
	DFT-s-OFDM QPSK	1	1	14.15	14.30	14.26	15.00
		1	137	13.92	13.99	13.86	15.00
		1	271	14.01	14.03	13.89	15.00
		135	0	13.96	14.03	13.95	15.00
		135	69	14.10	14.21	14.09	15.00
		135	138	13.99	14.06	13.91	15.00
		270	0	13.94	14.06	13.95	15.00

	DFT-s-OFDM 16QAM	1	1	13.98	14.00	13.92	15.00
	DFT-s-OFDM 64QAM	1	1	13.95	13.96	13.88	15.00
	DFT-s-OFDM 256QAM	1	1	13.95	14.01	13.82	15.00
Bandwidth	Modulation	RB size	RB offset	Channel 650000	Channel 656000	Channel 662000	Tune up
<b>100MHz</b>	CP-OFDM QPSK	1	1	14.00	14.02	13.93	15.00
Bandwidth	Modulation	RB size	RB offset	Channel 649668	Channel 656000	Channel 662332	Tune up
<b>90MHz</b>	DFT-s-OFDM QPSK	1	1	13.93	14.06	13.95	15.00
Bandwidth	Modulation	RB size	RB offset	Channel 649334	Channel 656000	Channel 662666	Tune up
<b>80MHz</b>	DFT-s-OFDM QPSK	1	1	14.01	13.99	13.91	15.00
Bandwidth	Modulation	RB size	RB offset	Channel 649000	Channel 656000	Channel 663000	Tune up
<b>70MHz</b>	DFT-s-OFDM QPSK	1	1	13.96	14.02	13.91	15.00
Bandwidth	Modulation	RB size	RB offset	Channel 648668	Channel 656000	Channel 663332	Tune up
<b>60MHz</b>	DFT-s-OFDM QPSK	1	1	13.98	14.00	13.90	15.00
Bandwidth	Modulation	RB size	RB offset	Channel 648334	Channel 656000	Channel 663666	Tune up
<b>50MHz</b>	DFT-s-OFDM QPSK	1	1	14.01	14.04	13.94	15.00
Bandwidth	Modulation	RB size	RB offset	Channel 648000	Channel 656000	Channel 664000	Tune up
<b>40MHz</b>	DFT-s-OFDM QPSK	1	1	14.01	14.07	13.96	15.00
Bandwidth	Modulation	RB size	RB offset	Channel 647668	Channel 656000	Channel 664332	Tune up
<b>30MHz</b>	DFT-s-OFDM QPSK	1	1	13.98	14.05	13.92	15.00
Bandwidth	Modulation	RB size	RB offset	Channel 647334	Channel 656000	Channel 664666	Tune up
<b>20MHz</b>	DFT-s-OFDM QPSK	1	1	13.93	14.06	13.90	15.00
Bandwidth	Modulation	RB size	RB offset	Channel 647168	Channel 656000	Channel 664832	Tune up
<b>15MHz</b>	DFT-s-OFDM QPSK	1	1	13.95	14.01	13.89	15.00
Bandwidth	Modulation	RB size	RB offset	Channel 647000	Channel 656000	Channel 665000	Tune up
<b>10MHz</b>	DFT-s-OFDM QPSK	1	1	13.94	14.01	13.89	15.00

N77 PC2 PC3 DSI3				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	16.45	16.51	16.34	17.50
		1	137	16.44	16.55	16.45	17.50
		1	271	16.48	16.53	16.40	17.50
		135	0	16.38	16.49	16.33	17.50
		135	69	16.55	16.63	16.61	17.50
		135	138	16.44	16.41	16.43	17.50
	DFT-s-OFDM QPSK	270	0	16.49	16.39	16.42	17.50
		1	1	16.59	16.83	16.74	17.50
		1	137	16.42	16.43	16.41	17.50
		1	271	16.44	16.59	16.42	17.50
		135	0	16.41	16.49	16.38	17.50
		135	69	16.60	16.70	16.57	17.50
	DFT-s-OFDM 16QAM	135	138	16.44	16.57	16.43	17.50
		270	0	16.41	16.53	16.45	17.50
		1	1	16.49	16.54	16.44	17.50
		1	1	16.44	16.50	16.44	17.50
DFT-s-OFDM 64QAM	1	1	16.53	16.48	16.33	17.50	
DFT-s-OFDM 256QAM	1	1	16.49	16.54	16.44	17.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
<b>100MHz</b>	CP-OFDM QPSK	1	1	650000	656000	662000	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
<b>90MHz</b>	DFT-s-OFDM QPSK	1	1	649668	656000	662332	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
<b>80MHz</b>	DFT-s-OFDM QPSK	1	1	649334	656000	662666	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
<b>70MHz</b>	DFT-s-OFDM QPSK	1	1	649000	656000	663000	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
<b>60MHz</b>	DFT-s-OFDM QPSK	1	1	648668	656000	663332	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
<b>50MHz</b>	DFT-s-OFDM QPSK	1	1	648334	656000	663666	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648000	656000	664000	17.50

<b>40MHz</b>	DFT-s-OFDM QPSK	1	1	16.49	16.49	16.36	17.50
Bandwidth	Modulation	RB size	RB offset	Channel 647668	Channel 656000	Channel 664332	Tune up
<b>30MHz</b>	DFT-s-OFDM QPSK	1	1	16.52	16.42	16.32	17.50
Bandwidth	Modulation	RB size	RB offset	Channel 647334	Channel 656000	Channel 664666	Tune up
<b>20MHz</b>	DFT-s-OFDM QPSK	1	1	16.51	16.44	16.37	17.50
Bandwidth	Modulation	RB size	RB offset	Channel 647168	Channel 656000	Channel 664832	Tune up
<b>15MHz</b>	DFT-s-OFDM QPSK	1	1	16.47	16.45	16.35	17.50
Bandwidth	Modulation	RB size	RB offset	Channel 647000	Channel 656000	Channel 665000	Tune up
<b>10MHz</b>	DFT-s-OFDM QPSK	1	1	16.45	16.48	16.36	17.50

N77 PC2 PC3 DS14				Conducted Power(dBm)			
SCS 30kHz(3700~3980)							
Bandwidth	Modulation	RB size	RB offset	Channel 650000	Channel 656000	Channel 662000	Tune up
				3750	3840	3930	
<b>100MHz</b>	DFT-s-OFDM PI/2 BPSK	1	1	23.44	23.44	23.39	24.50
		1	137	23.41	23.58	23.43	24.50
		1	271	23.46	23.54	23.43	24.50
		135	0	23.41	23.46	23.40	24.50
		135	69	23.62	23.67	23.56	24.50
		135	138	23.42	23.46	23.41	24.50
		270	0	23.49	23.32	23.39	24.50
	DFT-s-OFDM QPSK	1	1	23.61	23.83	23.77	24.50
		1	137	23.44	23.52	23.35	24.50
		1	271	23.48	23.57	23.42	24.50
		135	0	23.40	23.49	23.37	24.50
		135	69	23.55	23.69	23.53	24.50
		135	138	23.49	23.55	23.37	24.50
		270	0	23.40	23.58	23.47	24.50
	DFT-s-OFDM 16QAM	1	1	23.28	23.43	23.38	24.50
	DFT-s-OFDM 64QAM	1	1	21.67	21.79	21.75	23.00
	DFT-s-OFDM 256QAM	1	1	19.73	19.76	19.69	21.00
Bandwidth	Modulation	RB size	RB offset	Channel 650000	Channel 656000	Channel 662000	Tune up
<b>100MHz</b>	CP-OFDM QPSK	1	1	22.21	22.12	22.10	23.00
Bandwidth	Modulation	RB size	RB offset	Channel 649668	Channel 656000	Channel 662332	Tune up

<b>90MHz</b>	DFT-s-OFDM QPSK	1	1	23.38	23.51	23.44	24.50
Bandwidth	Modulation	RB size	RB offset	Channel 649334	Channel 656000	Channel 662666	Tune up
<b>80MHz</b>	DFT-s-OFDM QPSK	1	1	23.39	23.52	23.43	24.50
Bandwidth	Modulation	RB size	RB offset	Channel 649000	Channel 656000	Channel 663000	Tune up
<b>70MHz</b>	DFT-s-OFDM QPSK	1	1	23.40	23.49	23.38	24.50
Bandwidth	Modulation	RB size	RB offset	Channel 648668	Channel 656000	Channel 663332	Tune up
<b>60MHz</b>	DFT-s-OFDM QPSK	1	1	23.44	23.51	23.44	24.50
Bandwidth	Modulation	RB size	RB offset	Channel 648334	Channel 656000	Channel 663666	Tune up
<b>50MHz</b>	DFT-s-OFDM QPSK	1	1	23.38	23.48	23.44	24.50
Bandwidth	Modulation	RB size	RB offset	Channel 648000	Channel 656000	Channel 664000	Tune up
<b>40MHz</b>	DFT-s-OFDM QPSK	1	1	23.43	23.50	23.42	24.50
Bandwidth	Modulation	RB size	RB offset	Channel 647668	Channel 656000	Channel 664332	Tune up
<b>30MHz</b>	DFT-s-OFDM QPSK	1	1	23.38	23.48	23.40	24.50
Bandwidth	Modulation	RB size	RB offset	Channel 647334	Channel 656000	Channel 664666	Tune up
<b>20MHz</b>	DFT-s-OFDM QPSK	1	1	23.43	23.50	23.37	24.50
Bandwidth	Modulation	RB size	RB offset	Channel 647168	Channel 656000	Channel 664832	Tune up
<b>15MHz</b>	DFT-s-OFDM QPSK	1	1	23.44	23.49	23.38	24.50
Bandwidth	Modulation	RB size	RB offset	Channel 647000	Channel 656000	Channel 665000	Tune up
<b>10MHz</b>	DFT-s-OFDM QPSK	1	1	23.42	23.51	23.42	24.50

N78 PC2 Full Power				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500	/	
<b>100MHz</b>	DFT-s-OFDM PI/2 BPSK	1	1	/	25.56	/	27.00
		1	137	/	25.44	/	27.00
		1	271	/	25.36	/	27.00
		135	0	/	25.07	/	26.50
		135	69	/	25.71	/	27.00
		135	138	/	25.03	/	26.50
		270	0	/	25.08	/	26.50

	DFT-s-OFDM QPSK	1	1	/	25.75	/	27.00
		1	137	/	25.45	/	27.00
		1	271	/	25.43	/	27.00
		135	0	/	24.57	/	26.00
		135	69	/	25.67	/	27.00
		135	138	/	24.52	/	26.00
	270	0	/	24.55	/	26.00	
	DFT-s-OFDM 16QAM	1	1	/	24.54	/	26.00
	DFT-s-OFDM 64QAM	1	1	/	22.98	/	24.50
	DFT-s-OFDM 256QAM	1	1	/	20.98	/	22.50
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 633334	Channel /	Tune up
<b>100MHz</b>	CP-OFDM QPSK	1	1		23.44		24.50
Bandwidth	Modulation	RB size	RB offset	Channel 633000	Channel 633334	Channel 633668	Tune up
<b>90MHz</b>	DFT-s-OFDM QPSK	1	1	25.55	25.54	25.59	27.00
Bandwidth	Modulation	RB size	RB offset	Channel 632668	Channel 633334	Channel 634000	Tune up
<b>80MHz</b>	DFT-s-OFDM QPSK	1	1	25.61	25.50	25.58	27.00
Bandwidth	Modulation	RB size	RB offset	Channel 632334	Channel 633334	Channel 634332	Tune up
<b>70MHz</b>	DFT-s-OFDM QPSK	1	1	25.55	25.57	25.53	27.00
Bandwidth	Modulation	RB size	RB offset	Channel 632000	Channel 633334	Channel 634668	Tune up
<b>60MHz</b>	DFT-s-OFDM QPSK	1	1	25.61	25.50	25.53	27.00
Bandwidth	Modulation	RB size	RB offset	Channel 631668	Channel 633334	Channel 635000	Tune up
<b>50MHz</b>	DFT-s-OFDM QPSK	1	1	25.61	25.53	25.60	27.00
Bandwidth	Modulation	RB size	RB offset	Channel 631334	Channel 633334	Channel 635334	Tune up
<b>40MHz</b>	DFT-s-OFDM QPSK	1	1	25.54	25.58	25.58	27.00
Bandwidth	Modulation	RB size	RB offset	Channel 631000	Channel 633334	Channel 635668	Tune up
<b>30MHz</b>	DFT-s-OFDM QPSK	1	1	25.57	25.56	25.58	27.00
Bandwidth	Modulation	RB size	RB offset	Channel 630668	Channel 633334	Channel 636000	Tune up
<b>20MHz</b>	DFT-s-OFDM QPSK	1	1	25.52	25.53	25.51	27.00
Bandwidth	Modulation	RB size	RB offset	Channel 630500	Channel 633334	Channel 636166	Tune up



<b>15MHz</b>	DFT-s-OFDM QPSK	1	1	25.58	25.53	25.51	27.00
Bandwidth	Modulation	RB size	RB offset	Channel 630334	Channel 633334	Channel 636332	Tune up
<b>10MHz</b>	DFT-s-OFDM QPSK	1	1	25.58	25.60	25.56	27.00

N78 PC3 Full Power				Conducted Power(dBm)				
SCS 30kHz(3450~3550)								
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				/	633334	/		
<b>100MHz</b>	DFT-s-OFDM PI/2 BPSK	1	1	/	24.52	/	25.70	
		1	137	/	24.45	/	25.70	
		1	271	/	24.38	/	25.70	
		135	0	/	23.97	/	25.20	
		135	69	/	24.73	/	25.70	
		135	138	/	24.06	/	25.20	
		270	0	/	24.10	/	25.20	
	DFT-s-OFDM QPSK	1	1	/	24.73	/	25.70	
		1	137	/	24.51	/	25.70	
		1	271	/	24.44	/	25.70	
		135	0	/	23.57	/	24.70	
		135	69	/	24.71	/	25.70	
		135	138	/	23.57	/	24.70	
		270	0	/	23.53	/	24.70	
	DFT-s-OFDM 16QAM	1	1	/	23.58	/	24.70	
	DFT-s-OFDM 64QAM	1	1	/	22.04	/	23.20	
	DFT-s-OFDM 256QAM	1	1	/	19.94	/	21.20	
	Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 633334	Channel /	Tune up
	<b>100MHz</b>	CP-OFDM QPSK	1	1		22.43		23.20
	Bandwidth	Modulation	RB size	RB offset	Channel 633000	Channel 633334	Channel 633668	Tune up
	<b>90MHz</b>	DFT-s-OFDM QPSK	1	1	24.58	24.51	24.56	25.70
Bandwidth	Modulation	RB size	RB offset	Channel 632668	Channel 633334	Channel 634000	Tune up	
<b>80MHz</b>	DFT-s-OFDM QPSK	1	1	24.52	24.58	24.56	25.70	
Bandwidth	Modulation	RB size	RB offset	Channel 632334	Channel 633334	Channel 634332	Tune up	
<b>70MHz</b>	DFT-s-OFDM QPSK	1	1	24.56	24.54	24.59	25.70	
Bandwidth	Modulation	RB size	RB offset	Channel 632000	Channel 633334	Channel 634668	Tune up	

<b>60MHz</b>	DFT-s-OFDM QPSK	1	1	24.53	24.53	24.59	25.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631668	633334	635000	
<b>50MHz</b>	DFT-s-OFDM QPSK	1	1	24.59	24.61	24.51	25.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
<b>40MHz</b>	DFT-s-OFDM QPSK	1	1	24.50	24.55	24.56	25.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631000	633334	635668	
<b>30MHz</b>	DFT-s-OFDM QPSK	1	1	24.56	24.51	24.54	25.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
<b>20MHz</b>	DFT-s-OFDM QPSK	1	1	24.60	24.52	24.56	25.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630500	633334	636166	
<b>15MHz</b>	DFT-s-OFDM QPSK	1	1	24.57	24.51	24.60	25.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630334	633334	636332	
<b>10MHz</b>	DFT-s-OFDM QPSK	1	1	24.55	24.56	24.54	25.70

N78 PC2 PC3 DSI1 DSI5				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	/	14.01	/	15.20
		1	137	/	14.05	/	15.20
		1	271	/	14.01	/	15.20
		135	0	/	13.99	/	15.20
		135	69	/	14.16	/	15.20
		135	138	/	13.95	/	15.20
	DFT-s-OFDM QPSK	270	0	/	13.85	/	15.20
		1	1	/	14.33	/	15.20
		1	137	/	13.99	/	15.20
		1	271	/	14.04	/	15.20
		135	0	/	13.96	/	15.20
		135	69	/	14.20	/	15.20
	DFT-s-OFDM 16QAM	135	138	/	14.07	/	15.20
		270	0	/	14.07	/	15.20
DFT-s-OFDM 16QAM	1	1	/	14.05	/	15.20	
DFT-s-OFDM 64QAM	1	1	/	13.93	/	15.20	

	DFT-s-OFDM 256QAM	1	1	/	13.97	/	15.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
<b>100MHz</b>	CP-OFDM QPSK	1	1		13.95		15.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				633000	633334	633668	
<b>90MHz</b>	DFT-s-OFDM QPSK	1	1	13.97	14.01	13.91	15.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632668	633334	634000	
<b>80MHz</b>	DFT-s-OFDM QPSK	1	1	13.97	14.02	13.88	15.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632334	633334	634332	
<b>70MHz</b>	DFT-s-OFDM QPSK	1	1	13.99	14.04	13.88	15.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	
<b>60MHz</b>	DFT-s-OFDM QPSK	1	1	14.00	14.03	13.92	15.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631668	633334	635000	
<b>50MHz</b>	DFT-s-OFDM QPSK	1	1	13.96	13.98	13.95	15.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
<b>40MHz</b>	DFT-s-OFDM QPSK	1	1	14.01	13.98	13.94	15.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631000	633334	635668	
<b>30MHz</b>	DFT-s-OFDM QPSK	1	1	13.98	14.05	13.91	15.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
<b>20MHz</b>	DFT-s-OFDM QPSK	1	1	13.98	14.05	13.90	15.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630500	633334	636166	
<b>15MHz</b>	DFT-s-OFDM QPSK	1	1	14.02	14.03	13.89	15.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630334	633334	636332	
<b>10MHz</b>	DFT-s-OFDM QPSK	1	1	14.01	14.00	13.95	15.20

N78 PC2 PC3 DS13				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	

				/	3500	/	
<b>100MHz</b>	DFT-s-OFDM PI/2 BPSK	1	1	/	16.45	/	17.70
		1	137	/	16.57	/	17.70
		1	271	/	16.48	/	17.70
		135	0	/	16.48	/	17.70
		135	69	/	16.67	/	17.70
		135	138	/	16.44	/	17.70
		270	0	/	16.38	/	17.70
	DFT-s-OFDM QPSK	1	1	/	16.81	/	17.70
		1	137	/	16.44	/	17.70
		1	271	/	16.52	/	17.70
		135	0	/	16.52	/	17.70
		135	69	/	16.67	/	17.70
		135	138	/	16.55	/	17.70
		270	0	/	16.58	/	17.70
	DFT-s-OFDM 16QAM	1	1	/	16.54	/	17.70
	DFT-s-OFDM 64QAM	1	1	/	16.48	/	17.70
	DFT-s-OFDM 256QAM	1	1	/	16.43	/	17.70
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				/	633334	/	
<b>100MHz</b>	CP-OFDM QPSK	1	1		16.52		17.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				633000	633334	633668	
<b>90MHz</b>	DFT-s-OFDM QPSK	1	1	16.42	16.57	16.47	17.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632668	633334	634000	
<b>80MHz</b>	DFT-s-OFDM QPSK	1	1	16.46	16.56	16.42	17.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632334	633334	634332	
<b>70MHz</b>	DFT-s-OFDM QPSK	1	1	16.45	16.58	16.42	17.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	
<b>60MHz</b>	DFT-s-OFDM QPSK	1	1	16.45	16.59	16.40	17.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631668	633334	635000	
<b>50MHz</b>	DFT-s-OFDM QPSK	1	1	16.46	16.54	16.43	17.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
<b>40MHz</b>	DFT-s-OFDM QPSK	1	1	16.47	16.58	16.44	17.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631000	633334	635668	

<b>30MHz</b>	DFT-s-OFDM QPSK	1	1	16.47	16.53	16.46	17.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
<b>20MHz</b>	DFT-s-OFDM QPSK	1	1	16.41	16.56	16.43	17.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630500	633334	636166	
<b>15MHz</b>	DFT-s-OFDM QPSK	1	1	16.44	16.55	16.45	17.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630334	633334	636332	
<b>10MHz</b>	DFT-s-OFDM QPSK	1	1	16.44	16.53	16.44	17.70

N78 PC2 PC3 DS14				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500	/	
<b>100MHz</b>	DFT-s-OFDM PI/2 BPSK	1	1	/	23.56	/	24.70
		1	137	/	23.61	/	24.70
		1	271	/	23.61	/	24.70
		135	0	/	23.58	/	24.70
		135	69	/	23.75	/	24.70
		135	138	/	23.56	/	24.70
		270	0	/	23.44	/	24.70
	DFT-s-OFDM QPSK	1	1	/	23.87	/	24.70
		1	137	/	23.53	/	24.70
		1	271	/	23.68	/	24.70
		135	0	/	23.57	/	24.70
		135	69	/	23.75	/	24.70
		135	138	/	23.66	/	24.70
		270	0	/	23.68	/	24.70
	DFT-s-OFDM 16QAM	1	1	/	23.52	/	24.70
DFT-s-OFDM 64QAM	1	1	/	22.02	/	23.20	
DFT-s-OFDM 256QAM	1	1	/	19.91	/	21.20	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
<b>100MHz</b>	CP-OFDM QPSK	1	1		22.46		23.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				633000	633334	633668	
<b>90MHz</b>	DFT-s-OFDM QPSK	1	1	23.52	23.56	23.50	24.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632668	633334	634000	

<b>80MHz</b>	DFT-s-OFDM QPSK	1	1	23.52	23.62	23.48	24.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632334	633334	634332	
<b>70MHz</b>	DFT-s-OFDM QPSK	1	1	23.54	23.56	23.51	24.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	
<b>60MHz</b>	DFT-s-OFDM QPSK	1	1	23.50	23.59	23.52	24.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631668	633334	635000	
<b>50MHz</b>	DFT-s-OFDM QPSK	1	1	23.52	23.58	23.54	24.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
<b>40MHz</b>	DFT-s-OFDM QPSK	1	1	23.50	23.57	23.53	24.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631000	633334	635668	
<b>30MHz</b>	DFT-s-OFDM QPSK	1	1	23.50	23.59	23.48	24.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
<b>20MHz</b>	DFT-s-OFDM QPSK	1	1	23.53	23.58	23.51	24.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630500	633334	636166	
<b>15MHz</b>	DFT-s-OFDM QPSK	1	1	23.53	23.64	23.52	24.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630334	633334	636332	
<b>10MHz</b>	DFT-s-OFDM QPSK	1	1	23.53	23.59	23.50	24.70

N78 PC2 Full Power				Conducted Power(dBm)			
SCS 30kHz(3700~3800)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
				/	3750.00	/	
<b>100MHz</b>	DFT-s-OFDM PI/2 BPSK	1	1	/	25.11	/	26.50
		1	137	/	25.03	/	26.50
		1	271	/	24.94	/	26.50
		135	0	/	24.52	/	26.00
		135	69	/	25.17	/	26.50
		135	138	/	24.58	/	26.00
		270	0	/	24.62	/	26.00
	DFT-s-OFDM QPSK	1	1	/	25.24	/	26.50
		1	137	/	25.00	/	26.50
		1	271	/	24.91	/	26.50
		135	0	/	24.16	/	25.50

		135	69	/	25.20	/	26.50
		135	138	/	24.03	/	25.50
		270	0	/	24.08	/	25.50
	DFT-s-OFDM 16QAM	1	1	/	24.08	/	25.50
	DFT-s-OFDM 64QAM	1	1	/	22.50	/	24.00
	DFT-s-OFDM 256QAM	1	1	/	20.51	/	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
<b>100MHz</b>	CP-OFDM QPSK	1	1	/	22.87	/	24.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649668	650000	650334	
<b>90MHz</b>	DFT-s-OFDM QPSK	1	1	25.03	25.10	25.00	26.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649334	650000	650668	
<b>80MHz</b>	DFT-s-OFDM QPSK	1	1	25.01	25.03	25.01	26.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649000	650000	651000	
<b>70MHz</b>	DFT-s-OFDM QPSK	1	1	25.02	25.02	25.02	26.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648668	650000	651334	
<b>60MHz</b>	DFT-s-OFDM QPSK	1	1	25.02	25.09	25.07	26.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648334	650000	651668	
<b>50MHz</b>	DFT-s-OFDM QPSK	1	1	25.06	25.06	25.11	26.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648000	650000	652000	
<b>40MHz</b>	DFT-s-OFDM QPSK	1	1	25.07	25.08	25.10	26.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647668	650000	652334	
<b>30MHz</b>	DFT-s-OFDM QPSK	1	1	25.02	25.02	25.02	26.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647334	650000	652668	
<b>20MHz</b>	DFT-s-OFDM QPSK	1	1	25.06	25.09	25.06	26.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647168	650000	652832	
<b>15MHz</b>	DFT-s-OFDM QPSK	1	1	25.01	25.06	25.10	26.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647000	650000	653000	

<b>10MHz</b>	DFT-s-OFDM QPSK	1	1	25.09	25.02	25.07	26.50
--------------	-----------------	---	---	-------	-------	-------	-------

N78 PC3 Full Power				Conducted Power(dBm)			
SCS 30kHz(3700~3800)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
				/	3750.00	/	
<b>100MHz</b>	DFT-s-OFDM PI/2 BPSK	1	1	/	23.83	/	25.00
		1	137	/	23.75	/	25.00
		1	271	/	23.69	/	25.00
		135	0	/	23.29	/	24.50
		135	69	/	23.94	/	25.00
		135	138	/	23.39	/	24.50
		270	0	/	23.33	/	24.50
	DFT-s-OFDM QPSK	1	1	/	24.07	/	25.00
		1	137	/	23.75	/	25.00
		1	271	/	23.68	/	25.00
		135	0	/	22.95	/	24.00
		135	69	/	23.94	/	25.00
		135	138	/	22.87	/	24.00
		270	0	/	22.87	/	24.00
	DFT-s-OFDM 16QAM	1	1	/	22.80	/	24.00
	DFT-s-OFDM 64QAM	1	1	/	21.34	/	22.50
	DFT-s-OFDM 256QAM	1	1	/	19.33	/	20.50
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				/	650000	/	
<b>100MHz</b>	CP-OFDM QPSK	1	1	/	21.74	/	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649668	650000	650334	
<b>90MHz</b>	DFT-s-OFDM QPSK	1	1	23.84	23.81	23.84	25.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649334	650000	650668	
<b>80MHz</b>	DFT-s-OFDM QPSK	1	1	23.87	23.89	23.82	25.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649000	650000	651000	
<b>70MHz</b>	DFT-s-OFDM QPSK	1	1	23.89	23.89	23.82	25.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648668	650000	651334	
<b>60MHz</b>	DFT-s-OFDM QPSK	1	1	23.85	23.90	23.89	25.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648334	650000	651668	



<b>50MHz</b>	DFT-s-OFDM QPSK	1	1	23.87	23.84	23.85	25.00
Bandwidth	Modulation	RB size	RB offset	Channel 648000	Channel 650000	Channel 652000	Tune up
<b>40MHz</b>	DFT-s-OFDM QPSK	1	1	23.86	23.84	23.85	25.00
Bandwidth	Modulation	RB size	RB offset	Channel 647668	Channel 650000	Channel 652334	Tune up
<b>30MHz</b>	DFT-s-OFDM QPSK	1	1	23.89	23.84	23.90	25.00
Bandwidth	Modulation	RB size	RB offset	Channel 647334	Channel 650000	Channel 652668	Tune up
<b>20MHz</b>	DFT-s-OFDM QPSK	1	1	23.81	23.89	23.89	25.00
Bandwidth	Modulation	RB size	RB offset	Channel 647168	Channel 650000	Channel 652832	Tune up
<b>15MHz</b>	DFT-s-OFDM QPSK	1	1	23.83	23.85	23.82	25.00
Bandwidth	Modulation	RB size	RB offset	Channel 647000	Channel 650000	Channel 653000	Tune up
<b>10MHz</b>	DFT-s-OFDM QPSK	1	1	23.88	23.85	23.90	25.00

N78 PC2 PC3 DSI1 DSI5				Conducted Power(dBm)			
SCS 30kHz(3700~3800)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
				/	3750.00	/	
<b>100MHz</b>	DFT-s-OFDM PI/2 BPSK	1	1	/	13.41	/	14.50
		1	137	/	13.48	/	14.50
		1	271	/	13.44	/	14.50
		135	0	/	13.43	/	14.50
		135	69	/	13.56	/	14.50
		135	138	/	13.31	/	14.50
	DFT-s-OFDM QPSK	270	0	/	13.27	/	14.50
		1	1	/	13.68	/	14.50
		1	137	/	13.40	/	14.50
		1	271	/	13.41	/	14.50
		135	0	/	13.44	/	14.50
		135	69	/	13.61	/	14.50
	DFT-s-OFDM 16QAM	135	138	/	13.38	/	14.50
		270	0	/	13.41	/	14.50
		1	1	/	13.37	/	14.50
	DFT-s-OFDM 64QAM	1	1	/	13.38	/	14.50
		1	1	/	13.36	/	14.50
DFT-s-OFDM 256QAM	1	1	/	13.36	/	14.50	
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 650000	Channel /	Tune up

<b>100MHz</b>	CP-OFDM QPSK	1	1	/	13.42	/	14.50
Bandwidth	Modulation	RB size	RB offset	Channel 649668	Channel 650000	Channel 650334	Tune up
<b>90MHz</b>	DFT-s-OFDM QPSK	1	1	13.37	13.40	13.30	14.50
Bandwidth	Modulation	RB size	RB offset	Channel 649334	Channel 650000	Channel 650668	Tune up
<b>80MHz</b>	DFT-s-OFDM QPSK	1	1	13.32	13.45	13.33	14.50
Bandwidth	Modulation	RB size	RB offset	Channel 649000	Channel 650000	Channel 651000	Tune up
<b>70MHz</b>	DFT-s-OFDM QPSK	1	1	13.36	13.46	13.37	14.50
Bandwidth	Modulation	RB size	RB offset	Channel 648668	Channel 650000	Channel 651334	Tune up
<b>60MHz</b>	DFT-s-OFDM QPSK	1	1	13.36	13.41	13.34	14.50
Bandwidth	Modulation	RB size	RB offset	Channel 648334	Channel 650000	Channel 651668	Tune up
<b>50MHz</b>	DFT-s-OFDM QPSK	1	1	13.35	13.46	13.30	14.50
Bandwidth	Modulation	RB size	RB offset	Channel 648000	Channel 650000	Channel 652000	Tune up
<b>40MHz</b>	DFT-s-OFDM QPSK	1	1	13.33	13.43	13.36	14.50
Bandwidth	Modulation	RB size	RB offset	Channel 647668	Channel 650000	Channel 652334	Tune up
<b>30MHz</b>	DFT-s-OFDM QPSK	1	1	13.37	13.46	13.35	14.50
Bandwidth	Modulation	RB size	RB offset	Channel 647334	Channel 650000	Channel 652668	Tune up
<b>20MHz</b>	DFT-s-OFDM QPSK	1	1	13.35	13.43	13.36	14.50
Bandwidth	Modulation	RB size	RB offset	Channel 647168	Channel 650000	Channel 652832	Tune up
<b>15MHz</b>	DFT-s-OFDM QPSK	1	1	13.31	13.48	13.38	14.50
Bandwidth	Modulation	RB size	RB offset	Channel 647000	Channel 650000	Channel 653000	Tune up
<b>10MHz</b>	DFT-s-OFDM QPSK	1	1	13.33	13.43	13.38	14.50

N78 PC2 PC3 DS13				Conducted Power(dBm)			
SCS 30kHz(3700~3800)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
				/	3750.00	/	
<b>100MHz</b>	DFT-s-OFDM PI/2 BPSK	1	1	/	15.86	/	17.00
		1	137	/	15.96	/	17.00
		1	271	/	15.91	/	17.00

		135	0	/	15.90	/	17.00
		135	69	/	16.08	/	17.00
		135	138	/	15.87	/	17.00
		270	0	/	15.77	/	17.00
	DFT-s-OFDM QPSK	1	1	/	16.18	/	17.00
		1	137	/	15.83	/	17.00
		1	271	/	15.97	/	17.00
		135	0	/	15.91	/	17.00
		135	69	/	16.08	/	17.00
		135	138	/	15.95	/	17.00
		270	0	/	15.92	/	17.00
		DFT-s-OFDM 16QAM	1	1	/	15.93	/
	DFT-s-OFDM 64QAM	1	1	/	15.85	/	17.00
	DFT-s-OFDM 256QAM	1	1	/	15.87	/	17.00
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 650000	Channel /	Tune up
<b>100MHz</b>	CP-OFDM QPSK	1	1	/	15.94	/	17.00
Bandwidth	Modulation	RB size	RB offset	Channel 649668	Channel 650000	Channel 650334	Tune up
<b>90MHz</b>	DFT-s-OFDM QPSK	1	1	15.92	15.92	15.83	17.00
Bandwidth	Modulation	RB size	RB offset	Channel 649334	Channel 650000	Channel 650668	Tune up
<b>80MHz</b>	DFT-s-OFDM QPSK	1	1	15.90	15.94	15.85	17.00
Bandwidth	Modulation	RB size	RB offset	Channel 649000	Channel 650000	Channel 651000	Tune up
<b>70MHz</b>	DFT-s-OFDM QPSK	1	1	15.85	15.88	15.80	17.00
Bandwidth	Modulation	RB size	RB offset	Channel 648668	Channel 650000	Channel 651334	Tune up
<b>60MHz</b>	DFT-s-OFDM QPSK	1	1	15.89	15.94	15.79	17.00
Bandwidth	Modulation	RB size	RB offset	Channel 648334	Channel 650000	Channel 651668	Tune up
<b>50MHz</b>	DFT-s-OFDM QPSK	1	1	15.88	15.88	15.81	17.00
Bandwidth	Modulation	RB size	RB offset	Channel 648000	Channel 650000	Channel 652000	Tune up
<b>40MHz</b>	DFT-s-OFDM QPSK	1	1	15.90	15.90	15.81	17.00
Bandwidth	Modulation	RB size	RB offset	Channel 647668	Channel 650000	Channel 652334	Tune up
<b>30MHz</b>	DFT-s-OFDM QPSK	1	1	15.84	15.95	15.80	17.00
Bandwidth	Modulation	RB size	RB offset	Channel 647334	Channel 650000	Channel 652668	Tune up

<b>20MHz</b>	DFT-s-OFDM QPSK	1	1	15.91	15.93	15.81	17.00
Bandwidth	Modulation	RB size	RB offset	Channel 647168	Channel 650000	Channel 652832	Tune up
<b>15MHz</b>	DFT-s-OFDM QPSK	1	1	15.84	15.96	15.81	17.00
Bandwidth	Modulation	RB size	RB offset	Channel 647000	Channel 650000	Channel 653000	Tune up
<b>10MHz</b>	DFT-s-OFDM QPSK	1	1	15.91	15.91	15.84	17.00

N78 PC2 PC3 DS14				Conducted Power(dBm)			
SCS 30kHz(3700~3800)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
				/	3750.00	/	
<b>100MHz</b>	DFT-s-OFDM PI/2 BPSK	1	1	/	22.79	/	24.00
		1	137	/	22.85	/	24.00
		1	271	/	22.86	/	24.00
		135	0	/	22.81	/	24.00
		135	69	/	22.97	/	24.00
		135	138	/	22.77	/	24.00
		270	0	/	22.63	/	24.00
	DFT-s-OFDM QPSK	1	1	/	23.12	/	24.00
		1	137	/	22.74	/	24.00
		1	271	/	22.86	/	24.00
		135	0	/	22.77	/	24.00
		135	69	/	22.98	/	24.00
		135	138	/	22.79	/	24.00
		270	0	/	22.87	/	24.00
	DFT-s-OFDM 16QAM	1	1	/	22.81	/	24.00
	DFT-s-OFDM 64QAM	1	1	/	21.32	/	22.50
	DFT-s-OFDM 256QAM	1	1	/	19.38	/	20.50
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 650000	Channel /	Tune up
<b>100MHz</b>	CP-OFDM QPSK	1	1	/	21.79	/	22.50
Bandwidth	Modulation	RB size	RB offset	Channel 649668	Channel 650000	Channel 650334	Tune up
<b>90MHz</b>	DFT-s-OFDM QPSK	1	1	22.86	22.99	22.83	24.00
Bandwidth	Modulation	RB size	RB offset	Channel 649334	Channel 650000	Channel 650668	Tune up
<b>80MHz</b>	DFT-s-OFDM QPSK	1	1	22.88	23.02	22.86	24.00
Bandwidth	Modulation	RB size	RB offset	Channel 649000	Channel 650000	Channel 651000	Tune up

<b>70MHz</b>	DFT-s-OFDM QPSK	1	1	22.88	22.96	22.90	24.00
Bandwidth	Modulation	RB size	RB offset	Channel 648668	Channel 650000	Channel 651334	Tune up
<b>60MHz</b>	DFT-s-OFDM QPSK	1	1	22.93	22.99	22.90	24.00
Bandwidth	Modulation	RB size	RB offset	Channel 648334	Channel 650000	Channel 651668	Tune up
<b>50MHz</b>	DFT-s-OFDM QPSK	1	1	22.89	23.01	22.89	24.00
Bandwidth	Modulation	RB size	RB offset	Channel 648000	Channel 650000	Channel 652000	Tune up
<b>40MHz</b>	DFT-s-OFDM QPSK	1	1	22.85	22.96	22.87	24.00
Bandwidth	Modulation	RB size	RB offset	Channel 647668	Channel 650000	Channel 652334	Tune up
<b>30MHz</b>	DFT-s-OFDM QPSK	1	1	22.85	23.00	22.82	24.00
Bandwidth	Modulation	RB size	RB offset	Channel 647334	Channel 650000	Channel 652668	Tune up
<b>20MHz</b>	DFT-s-OFDM QPSK	1	1	22.86	22.99	22.82	24.00
Bandwidth	Modulation	RB size	RB offset	Channel 647168	Channel 650000	Channel 652832	Tune up
<b>15MHz</b>	DFT-s-OFDM QPSK	1	1	22.90	22.98	22.85	24.00
Bandwidth	Modulation	RB size	RB offset	Channel 647000	Channel 650000	Channel 653000	Tune up
<b>10MHz</b>	DFT-s-OFDM QPSK	1	1	22.85	23.00	22.86	24.00

### 13.8 Conducted Power of NR Antenna (Ant7)

N48 Full Power				Conducted Power(dBm)			
SCS 30kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				638000	641666	645332	
				3570	3624.99	3679.98	
40MHz	DFT-s-OFDM PI/2 BPSK	1	1	24.33	24.40	24.33	25.00
		1	53	24.27	24.26	24.30	25.00
		1	104	24.25	24.18	24.22	25.00
		50	0	23.85	23.86	23.88	24.50
		50	28	24.53	24.47	24.47	25.00
		50	56	23.80	23.88	23.82	24.50
	DFT-s-OFDM QPSK	100	0	23.84	23.83	23.83	24.50
		1	1	24.54	24.56	24.52	25.00
		1	53	24.31	24.28	24.25	25.00
		1	104	24.16	24.15	24.24	25.00
		50	0	23.48	23.47	23.44	24.00
		50	28	24.51	24.51	24.46	25.00
	DFT-s-OFDM 16QAM	50	56	23.36	23.32	23.34	24.00
		100	0	23.38	23.36	23.39	24.00
1		1	23.35	23.32	23.30	24.00	
DFT-s-OFDM 64QAM	1	1	21.79	21.85	21.82	22.50	
	1	1	19.77	19.80	19.78	20.50	
DFT-s-OFDM 256QAM	1	1	19.77	19.80	19.78	20.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				638000	641666	645332	
40MHz	CP-OFDM QPSK	1	1	22.17	22.24	22.17	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				637668	641666	645666	
30MHz	DFT-s-OFDM QPSK	1	1	24.34	24.37	24.41	25.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				637334	641666	646000	
20MHz	DFT-s-OFDM QPSK	1	1	24.36	24.31	24.41	25.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up

				637168	641666	646166	
<b>15MHz</b>	DFT-s-OFDM QPSK	1	1	24.34	24.37	24.32	25.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				637000	641666	646332	
<b>10MHz</b>	DFT-s-OFDM QPSK	1	1	24.39	24.33	24.37	25.00

N48 DSI1 DSI5				Conducted Power(dBm)			
SCS 30kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				638000	641666	645332	
				3570	3624.99	3679.98	
<b>40MHz</b>	DFT-s-OFDM PI/2 BPSK	1	1	13.42	13.51	13.40	14.00
		1	53	13.39	13.37	13.41	14.00
		1	104	13.34	13.26	13.29	14.00
		50	0	12.99	12.98	12.97	13.50
		50	28	13.64	13.61	13.56	14.00
		50	56	12.95	13.00	12.88	13.50
	DFT-s-OFDM QPSK	1	1	13.66	13.68	13.61	14.00
		1	53	13.39	13.41	13.32	14.00
		1	104	13.23	13.28	13.31	14.00
		50	0	12.57	12.54	12.56	13.00
		50	28	13.63	13.67	13.58	14.00
		50	56	12.48	12.45	12.47	13.00
	DFT-s-OFDM 16QAM	1	1	12.49	12.43	12.40	13.00
		1	1	10.92	10.92	10.96	11.50
		1	1	8.86	8.89	8.91	9.50
		1	1	8.86	8.89	8.91	9.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				638000	641666	645332	
<b>40MHz</b>	CP-OFDM QPSK	1	1	11.30	11.35	11.26	11.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				637668	641666	645666	
<b>30MHz</b>	DFT-s-OFDM QPSK	1	1	12.57	12.54	12.55	14.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				637334	641666	646000	
<b>20MHz</b>	DFT-s-OFDM QPSK	1	1	12.55	12.56	12.57	14.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				637168	641666	646166	

<b>15MHz</b>	DFT-s-OFDM QPSK	1	1	12.56	12.59	12.54	14.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				637000	641666	646332	
<b>10MHz</b>	DFT-s-OFDM QPSK	1	1	12.59	12.58	12.55	14.00

N48 DS14				Conducted Power(dBm)			
SCS 30kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				638000	641666	645332	
				3570	3624.99	3679.98	
<b>40MHz</b>	DFT-s-OFDM PI/2 BPSK	1	1	16.44	16.50	16.40	17.00
		1	53	16.33	16.41	16.44	17.00
		1	104	16.36	16.32	16.34	17.00
		50	0	15.98	15.95	15.96	16.50
		50	28	16.63	16.59	16.59	17.00
		50	56	15.90	15.95	15.90	16.50
		100	0	15.92	15.96	15.96	16.50
	DFT-s-OFDM QPSK	1	1	16.66	16.69	16.62	17.00
		1	53	16.44	16.42	16.35	17.00
		1	104	16.29	16.27	16.39	17.00
		50	0	15.57	15.56	15.51	16.00
		50	28	16.65	16.66	16.55	17.00
		50	56	15.50	15.41	15.42	16.00
	DFT-s-OFDM 16QAM	1	1	15.48	15.43	15.37	16.00
		1	1	13.90	13.96	13.94	14.50
1		1	11.86	11.91	11.90	12.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				638000	641666	645332	
<b>40MHz</b>	CP-OFDM QPSK	1	1	14.26	14.36	14.30	14.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				637668	641666	645666	
<b>30MHz</b>	DFT-s-OFDM QPSK	1	1	16.39	16.43	16.36	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				637334	641666	646000	
<b>20MHz</b>	DFT-s-OFDM QPSK	1	1	16.42	16.42	16.39	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				637168	641666	646166	



<b>15MHz</b>	DFT-s-OFDM QPSK	1	1	16.41	16.41	16.40	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				637000	641666	646332	
<b>10MHz</b>	DFT-s-OFDM QPSK	1	1	16.38	16.43	16.35	17.00

N77 PC2 Full Power				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500	/	
<b>100MHz</b>	DFT-s-OFDM PI/2 BPSK	1	1	/	26.09	/	27.00
		1	137	/	25.97	/	27.00
		1	271	/	25.89	/	27.00
		135	0	/	25.49	/	26.50
		135	69	/	26.25	/	27.00
		135	138	/	25.50	/	26.50
		270	0	/	25.52	/	26.50
	DFT-s-OFDM QPSK	1	1	/	26.25	/	27.00
		1	137	/	25.95	/	27.00
		1	271	/	25.94	/	27.00
		135	0	/	25.11	/	26.00
		135	69	/	26.20	/	27.00
		135	138	/	25.04	/	26.00
		270	0	/	25.08	/	26.00
	DFT-s-OFDM 16QAM	1	1	/	25.04	/	26.00
	DFT-s-OFDM 64QAM	1	1	/	23.51	/	24.50
	DFT-s-OFDM 256QAM	1	1	/	21.44	/	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
<b>100MHz</b>	CP-OFDM QPSK	1	1	/	23.92	/	24.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				633000	633334	633668	
<b>90MHz</b>	DFT-s-OFDM QPSK	1	1	26.07	26.07	26.10	27.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632668	633334	634000	
<b>80MHz</b>	DFT-s-OFDM QPSK	1	1	26.01	26.08	26.02	27.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632334	633334	634332	

<b>70MHz</b>	DFT-s-OFDM QPSK	1	1	26.05	26.04	26.05	27.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	
<b>60MHz</b>	DFT-s-OFDM QPSK	1	1	26.01	26.08	26.08	27.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631668	633334	635000	
<b>50MHz</b>	DFT-s-OFDM QPSK	1	1	26.06	26.11	26.10	27.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
<b>40MHz</b>	DFT-s-OFDM QPSK	1	1	26.01	26.01	26.02	27.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631000	633334	635666	
<b>30MHz</b>	DFT-s-OFDM QPSK	1	1	26.05	26.02	26.10	27.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
<b>20MHz</b>	DFT-s-OFDM QPSK	1	1	26.11	26.07	26.02	27.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630500	633334	636166	
<b>15MHz</b>	DFT-s-OFDM QPSK	1	1	26.02	26.01	26.01	27.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630334	633334	636332	
<b>10MHz</b>	DFT-s-OFDM QPSK	1	1	26.07	26.06	26.04	27.00

N77 PC3 Full Power				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500	/	
<b>100MHz</b>	DFT-s-OFDM PI/2 BPSK	1	1	/	24.86	/	25.70
		1	137	/	24.86	/	25.70
		1	271	/	24.77	/	25.70
		135	0	/	24.37	/	25.20
		135	69	/	25.02	/	25.70
		135	138	/	24.41	/	25.20
		270	0	/	24.46	/	25.20
	DFT-s-OFDM QPSK	1	1	/	25.09	/	25.70
		1	137	/	24.88	/	25.70
		1	271	/	24.71	/	25.70
		135	0	/	24.01	/	24.70
		135	69	/	25.04	/	25.70
		135	138	/	23.89	/	24.70
		270	0	/	23.94	/	24.70

	DFT-s-OFDM 16QAM	1	1	/	23.86	/	24.70
	DFT-s-OFDM 64QAM	1	1	/	22.29	/	23.20
	DFT-s-OFDM 256QAM	1	1	/	20.37	/	21.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
<b>100MHz</b>	CP-OFDM QPSK	1	1	/	22.76	/	23.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				633000	633334	633668	
<b>90MHz</b>	DFT-s-OFDM QPSK	1	1	24.88	24.92	24.91	25.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632668	633334	634000	
<b>80MHz</b>	DFT-s-OFDM QPSK	1	1	24.93	24.96	24.90	25.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632334	633334	634332	
<b>70MHz</b>	DFT-s-OFDM QPSK	1	1	24.92	24.96	24.87	25.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	
<b>60MHz</b>	DFT-s-OFDM QPSK	1	1	24.94	24.87	24.88	25.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631668	633334	635000	
<b>50MHz</b>	DFT-s-OFDM QPSK	1	1	24.91	24.87	24.92	25.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
<b>40MHz</b>	DFT-s-OFDM QPSK	1	1	24.87	24.93	24.92	25.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631000	633334	635666	
<b>30MHz</b>	DFT-s-OFDM QPSK	1	1	24.85	24.85	24.95	25.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
<b>20MHz</b>	DFT-s-OFDM QPSK	1	1	24.95	24.88	24.94	25.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630500	633334	636166	
<b>15MHz</b>	DFT-s-OFDM QPSK	1	1	24.90	24.93	24.95	25.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630334	633334	636332	
<b>10MHz</b>	DFT-s-OFDM QPSK	1	1	24.93	24.89	24.88	25.70

N77 PC2 PC3 DSI1 DSI5				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	/	15.43	/	16.20	
		1	137	/	15.29	/	16.20	
		1	271	/	15.16	/	16.20	
		135	0	/	14.88	/	15.70	
		135	69	/	15.44	/	16.20	
		135	138	/	14.86	/	15.70	
			270	0	/	14.86	/	15.70
		DFT-s-OFDM QPSK	1	1	/	15.57	/	16.20
	1		137	/	15.25	/	16.20	
	1		271	/	15.14	/	16.20	
	135		0	/	14.49	/	15.20	
	135		69	/	15.53	/	16.20	
	135		138	/	14.34	/	15.20	
			270	0	/	14.36	/	15.20
		DFT-s-OFDM 16QAM	1	1	/	14.30	/	15.20
		DFT-s-OFDM 64QAM	1	1	/	12.84	/	13.70
	DFT-s-OFDM 256QAM	1	1	/	10.81	/	11.70	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				/	633334	/		
<b>100MHz</b>	CP-OFDM QPSK	1	1	/	13.22	/	13.70	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				633000	633334	633668		
<b>90MHz</b>	DFT-s-OFDM QPSK	1	1	15.28	15.29	15.26	16.20	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				632668	633334	634000		
<b>80MHz</b>	DFT-s-OFDM QPSK	1	1	15.30	15.24	15.26	16.20	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				632334	633334	634332		
<b>70MHz</b>	DFT-s-OFDM QPSK	1	1	15.30	15.30	15.27	16.20	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				632000	633334	634668		
<b>60MHz</b>	DFT-s-OFDM QPSK	1	1	15.31	15.31	15.23	16.20	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				631668	633334	635000		
<b>50MHz</b>	DFT-s-OFDM QPSK	1	1	15.34	15.32	15.24	16.20	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				631334	633334	635334		

<b>40MHz</b>	DFT-s-OFDM QPSK	1	1	15.35	15.27	15.22	16.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631000	633334	635666	
<b>30MHz</b>	DFT-s-OFDM QPSK	1	1	15.33	15.28	15.21	16.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
<b>20MHz</b>	DFT-s-OFDM QPSK	1	1	15.28	15.25	15.29	16.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630500	633334	636166	
<b>15MHz</b>	DFT-s-OFDM QPSK	1	1	15.36	15.30	15.24	16.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630334	633334	636332	
<b>10MHz</b>	DFT-s-OFDM QPSK	1	1	15.28	15.31	15.25	16.20

N77 PC2 PC3 DS14				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500	/	
<b>100MHz</b>	DFT-s-OFDM PI/2 BPSK	1	1	/	16.80	/	17.70
		1	137	/	16.62	/	17.70
		1	271	/	16.55	/	17.70
		135	0	/	16.29	/	17.20
		135	69	/	16.84	/	17.70
		135	138	/	16.30	/	17.20
		270	0	/	16.20	/	17.20
	DFT-s-OFDM QPSK	1	1	/	16.99	/	17.70
		1	137	/	16.69	/	17.70
		1	271	/	16.59	/	17.70
		135	0	/	15.91	/	16.70
		135	69	/	16.96	/	17.70
		135	138	/	15.74	/	16.70
		270	0	/	15.80	/	16.70
DFT-s-OFDM 16QAM	1	1	/	15.69	/	16.70	
DFT-s-OFDM 64QAM	1	1	/	14.29	/	15.20	
DFT-s-OFDM 256QAM	1	1	/	12.22	/	13.20	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	

<b>100MHz</b>	CP-OFDM QPSK	1	1	/	14.65	/	15.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				633000	633334	633668	
<b>90MHz</b>	DFT-s-OFDM QPSK	1	1	16.73	16.71	16.66	17.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632668	633334	634000	
<b>80MHz</b>	DFT-s-OFDM QPSK	1	1	16.74	16.72	16.65	17.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632334	633334	634332	
<b>70MHz</b>	DFT-s-OFDM QPSK	1	1	16.73	16.67	16.62	17.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	
<b>60MHz</b>	DFT-s-OFDM QPSK	1	1	16.73	16.67	16.64	17.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631668	633334	635000	
<b>50MHz</b>	DFT-s-OFDM QPSK	1	1	16.75	16.71	16.68	17.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
<b>40MHz</b>	DFT-s-OFDM QPSK	1	1	16.74	16.67	16.67	17.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631000	633334	635666	
<b>30MHz</b>	DFT-s-OFDM QPSK	1	1	16.76	16.68	16.66	17.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
<b>20MHz</b>	DFT-s-OFDM QPSK	1	1	16.67	16.68	16.65	17.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630500	633334	636166	
<b>15MHz</b>	DFT-s-OFDM QPSK	1	1	16.67	16.66	16.62	17.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630334	633334	636332	
<b>10MHz</b>	DFT-s-OFDM QPSK	1	1	16.74	16.66	16.62	17.70

N77 PC2				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	25.56	25.54	25.56	27.00
		1	137	25.49	25.54	25.45	27.00
		1	271	25.44	25.40	25.34	27.00

		135	0	24.98	25.06	25.01	26.50
		135	69	25.74	25.66	25.71	27.00
		135	138	25.02	25.05	25.05	26.50
		270	0	25.11	25.08	25.10	26.50
	DFT-s-OFDM QPSK	1	1	25.75	25.78	25.74	27.00
		1	137	25.52	25.53	25.48	27.00
		1	271	25.38	25.39	25.38	27.00
		135	0	24.57	24.64	24.60	26.00
		135	69	25.66	25.73	25.73	27.00
		135	138	24.51	24.56	24.60	26.00
		270	0	24.53	24.54	24.61	26.00
		DFT-s-OFDM 16QAM	1	1	24.51	24.48	24.52
	DFT-s-OFDM 64QAM	1	1	22.98	23.02	22.99	24.50
DFT-s-OFDM 256QAM	1	1	20.95	21.03	21.00	22.50	
Bandwidth	Modulation	RB size	RB offset	Channel 650000	Channel 656000	Channel 662000	Tune up
<b>100MHz</b>	CP-OFDM QPSK	1	1	23.37	23.40	23.39	24.50
Bandwidth	Modulation	RB size	RB offset	Channel 649668	Channel 656000	Channel 662332	Tune up
<b>90MHz</b>	DFT-s-OFDM QPSK	1	1	25.59	25.58	25.57	27.00
Bandwidth	Modulation	RB size	RB offset	Channel 649334	Channel 656000	Channel 662666	Tune up
<b>80MHz</b>	DFT-s-OFDM QPSK	1	1	25.52	25.59	25.57	27.00
Bandwidth	Modulation	RB size	RB offset	Channel 649000	Channel 656000	Channel 663000	Tune up
<b>70MHz</b>	DFT-s-OFDM QPSK	1	1	25.52	25.53	25.57	27.00
Bandwidth	Modulation	RB size	RB offset	Channel 648668	Channel 656000	Channel 663332	Tune up
<b>60MHz</b>	DFT-s-OFDM QPSK	1	1	25.54	25.54	25.56	27.00
Bandwidth	Modulation	RB size	RB offset	Channel 648334	Channel 656000	Channel 663666	Tune up
<b>50MHz</b>	DFT-s-OFDM QPSK	1	1	25.54	25.52	25.58	27.00
Bandwidth	Modulation	RB size	RB offset	Channel 648000	Channel 656000	Channel 664000	Tune up
<b>40MHz</b>	DFT-s-OFDM QPSK	1	1	25.51	25.50	25.61	27.00
Bandwidth	Modulation	RB size	RB offset	Channel 647668	Channel 656000	Channel 664332	Tune up
<b>30MHz</b>	DFT-s-OFDM QPSK	1	1	25.53	25.55	25.57	27.00
Bandwidth	Modulation	RB size	RB offset	Channel 647334	Channel 656000	Channel 664666	Tune up

<b>20MHz</b>	DFT-s-OFDM QPSK	1	1	25.60	25.52	25.54	27.00
Bandwidth	Modulation	RB size	RB offset	Channel 647168	Channel 656000	Channel 664832	Tune up
<b>15MHz</b>	DFT-s-OFDM QPSK	1	1	25.59	25.54	25.60	27.00
Bandwidth	Modulation	RB size	RB offset	Channel 647000	Channel 656000	Channel 665000	Tune up
<b>10MHz</b>	DFT-s-OFDM QPSK	1	1	25.59	25.59	25.54	27.00

N77 PC3				Conducted Power(dBm)				
SCS 30kHz(3700~3980)								
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				650000	656000	662000		
<b>100MHz</b>	DFT-s-OFDM PI/2 BPSK	1	1	3750	3840	3930		
		1	137	24.70	24.74	24.70	25.70	
		1	271	24.67	24.60	24.59	25.70	
		135	0	24.55	24.51	24.56	25.70	
		135	69	24.16	24.14	24.15	25.20	
		135	138	24.81	24.88	24.84	25.70	
		270	0	24.19	24.17	24.21	25.20	
	DFT-s-OFDM QPSK	1	1	24.86	24.89	24.96	25.70	
		1	137	24.66	24.62	24.65	25.70	
		1	271	24.55	24.50	24.59	25.70	
		135	0	23.80	23.80	23.77	24.70	
		135	69	24.86	24.82	24.90	25.70	
		135	138	23.70	23.74	23.74	24.70	
		270	0	23.74	23.67	23.68	24.70	
	DFT-s-OFDM 16QAM	1	1	23.66	23.71	23.73	24.70	
	DFT-s-OFDM 64QAM	1	1	22.13	22.14	22.12	23.20	
	DFT-s-OFDM 256QAM	1	1	20.17	20.15	20.12	21.20	
	Bandwidth	Modulation	RB size	RB offset	Channel 650000	Channel 656000	Channel 662000	Tune up
	<b>100MHz</b>	CP-OFDM QPSK	1	1	22.53	22.50	22.54	23.20
	Bandwidth	Modulation	RB size	RB offset	Channel 649668	Channel 656000	Channel 662332	Tune up
	<b>90MHz</b>	DFT-s-OFDM QPSK	1	1	24.70	24.75	24.72	25.70
Bandwidth	Modulation	RB size	RB offset	Channel 649334	Channel 656000	Channel 662666	Tune up	
<b>80MHz</b>	DFT-s-OFDM QPSK	1	1	24.70	24.75	24.72	25.70	
Bandwidth	Modulation	RB size	RB offset	Channel 649000	Channel 656000	Channel 663000	Tune up	



<b>70MHz</b>	DFT-s-OFDM QPSK	1	1	24.70	24.69	24.71	25.70
Bandwidth	Modulation	RB size	RB offset	Channel 648668	Channel 656000	Channel 663332	Tune up
<b>60MHz</b>	DFT-s-OFDM QPSK	1	1	24.69	24.67	24.75	25.70
Bandwidth	Modulation	RB size	RB offset	Channel 648334	Channel 656000	Channel 663666	Tune up
<b>50MHz</b>	DFT-s-OFDM QPSK	1	1	24.67	24.67	24.65	25.70
Bandwidth	Modulation	RB size	RB offset	Channel 648000	Channel 656000	Channel 664000	Tune up
<b>40MHz</b>	DFT-s-OFDM QPSK	1	1	24.72	24.71	24.75	25.70
Bandwidth	Modulation	RB size	RB offset	Channel 647668	Channel 656000	Channel 664332	Tune up
<b>30MHz</b>	DFT-s-OFDM QPSK	1	1	24.68	24.68	24.67	25.70
Bandwidth	Modulation	RB size	RB offset	Channel 647334	Channel 656000	Channel 664666	Tune up
<b>20MHz</b>	DFT-s-OFDM QPSK	1	1	24.69	24.75	24.72	25.70
Bandwidth	Modulation	RB size	RB offset	Channel 647168	Channel 656000	Channel 664832	Tune up
<b>15MHz</b>	DFT-s-OFDM QPSK	1	1	24.66	24.68	24.67	25.70
Bandwidth	Modulation	RB size	RB offset	Channel 647000	Channel 656000	Channel 665000	Tune up
<b>10MHz</b>	DFT-s-OFDM QPSK	1	1	24.76	24.75	24.73	25.70

N77 PC2 PC3 DS11 DS15				Conducted Power(dBm)			
SCS 30kHz(3700~3980)							
Bandwidth	Modulation	RB size	RB offset	Channel 650000	Channel 656000	Channel 662000	Tune up
				3750	3840	3930	
<b>100MHz</b>	DFT-s-OFDM PI/2 BPSK	1	1	15.24	15.32	15.26	16.20
		1	137	15.20	15.19	15.21	16.20
		1	271	15.13	15.06	15.09	16.20
		135	0	14.75	14.78	14.79	15.70
		135	69	15.45	15.36	15.36	16.20
		135	138	14.71	14.79	14.73	15.70
		270	0	14.72	14.73	14.74	15.70
	DFT-s-OFDM QPSK	1	1	15.43	15.49	15.42	16.20
		1	137	15.17	15.22	15.12	16.20
		1	271	15.04	15.01	15.14	16.20
		135	0	14.42	14.34	14.37	15.20
		135	69	15.37	15.42	15.38	16.20
		135	138	14.30	14.19	14.21	15.20
		270	0	14.30	14.22	14.26	15.20

	DFT-s-OFDM 16QAM	1	1	14.25	14.18	14.22	15.20
	DFT-s-OFDM 64QAM	1	1	12.67	12.79	12.75	13.70
	DFT-s-OFDM 256QAM	1	1	10.72	10.72	10.72	11.70
Bandwidth	Modulation	RB size	RB offset	Channel 650000	Channel 656000	Channel 662000	Tune up
<b>100MHz</b>	CP-OFDM QPSK	1	1	13.06	13.19	13.11	13.70
Bandwidth	Modulation	RB size	RB offset	Channel 649668	Channel 656000	Channel 662332	Tune up
<b>90MHz</b>	DFT-s-OFDM QPSK	1	1	15.21	15.17	15.12	16.20
Bandwidth	Modulation	RB size	RB offset	Channel 649334	Channel 656000	Channel 662666	Tune up
<b>80MHz</b>	DFT-s-OFDM QPSK	1	1	15.23	15.21	15.12	16.20
Bandwidth	Modulation	RB size	RB offset	Channel 649000	Channel 656000	Channel 663000	Tune up
<b>70MHz</b>	DFT-s-OFDM QPSK	1	1	15.23	15.18	15.18	16.20
Bandwidth	Modulation	RB size	RB offset	Channel 648668	Channel 656000	Channel 663332	Tune up
<b>60MHz</b>	DFT-s-OFDM QPSK	1	1	15.23	15.22	15.15	16.20
Bandwidth	Modulation	RB size	RB offset	Channel 648334	Channel 656000	Channel 663666	Tune up
<b>50MHz</b>	DFT-s-OFDM QPSK	1	1	15.20	15.15	15.12	16.20
Bandwidth	Modulation	RB size	RB offset	Channel 648000	Channel 656000	Channel 664000	Tune up
<b>40MHz</b>	DFT-s-OFDM QPSK	1	1	15.22	15.18	15.19	16.20
Bandwidth	Modulation	RB size	RB offset	Channel 647668	Channel 656000	Channel 664332	Tune up
<b>30MHz</b>	DFT-s-OFDM QPSK	1	1	15.21	15.21	15.15	16.20
Bandwidth	Modulation	RB size	RB offset	Channel 647334	Channel 656000	Channel 664666	Tune up
<b>20MHz</b>	DFT-s-OFDM QPSK	1	1	15.20	15.18	15.18	16.20
Bandwidth	Modulation	RB size	RB offset	Channel 647168	Channel 656000	Channel 664832	Tune up
<b>15MHz</b>	DFT-s-OFDM QPSK	1	1	15.22	15.17	15.17	16.20
Bandwidth	Modulation	RB size	RB offset	Channel 647000	Channel 656000	Channel 665000	Tune up
<b>10MHz</b>	DFT-s-OFDM QPSK	1	1	15.18	15.19	15.13	16.20

N77 PC2 PC3 DS14				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	16.50	16.63	16.54	17.70
		1	137	16.47	16.43	16.47	17.70
		1	271	16.45	16.36	16.39	17.70
		135	0	16.02	16.10	16.12	17.20
		135	69	16.72	16.66	16.70	17.70
		135	138	16.01	16.10	16.00	17.20
	DFT-s-OFDM QPSK	270	0	16.03	16.02	16.01	17.20
		1	1	16.72	16.76	16.75	17.70
		1	137	16.47	16.48	16.44	17.70
		1	271	16.41	16.39	16.45	17.70
		135	0	15.69	15.66	15.69	16.70
		135	69	16.75	16.72	16.68	17.70
	DFT-s-OFDM 16QAM	135	138	15.61	15.56	15.57	16.70
		270	0	15.56	15.59	15.62	16.70
		1	1	15.56	15.57	15.48	16.70
	DFT-s-OFDM 64QAM	1	1	14.00	14.01	14.06	15.20
	DFT-s-OFDM 256QAM	1	1	11.97	11.97	11.96	13.20
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
<b>100MHz</b>	CP-OFDM QPSK	1	1	650000	656000	662000	15.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
<b>90MHz</b>	DFT-s-OFDM QPSK	1	1	649668	656000	662332	17.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
<b>80MHz</b>	DFT-s-OFDM QPSK	1	1	649334	656000	662666	17.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
<b>70MHz</b>	DFT-s-OFDM QPSK	1	1	649000	656000	663000	17.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
<b>60MHz</b>	DFT-s-OFDM QPSK	1	1	648668	656000	663332	17.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
<b>50MHz</b>	DFT-s-OFDM QPSK	1	1	648334	656000	663666	17.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648000	656000	664000	17.70

<b>40MHz</b>	DFT-s-OFDM QPSK	1	1	16.52	16.49	16.48	17.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647668	656000	664332	
<b>30MHz</b>	DFT-s-OFDM QPSK	1	1	16.53	16.46	16.44	17.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647334	656000	664666	
<b>20MHz</b>	DFT-s-OFDM QPSK	1	1	16.51	16.49	16.50	17.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647168	656000	664832	
<b>15MHz</b>	DFT-s-OFDM QPSK	1	1	16.47	16.47	16.47	17.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647000	656000	665000	
<b>10MHz</b>	DFT-s-OFDM QPSK	1	1	16.52	16.49	16.45	17.70

N78 PC2				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	/	25.86	/	27.00
		1	137	/	25.82	/	27.00
		1	271	/	25.72	/	27.00
		135	0	/	25.33	/	26.50
		135	69	/	26.05	/	27.00
		135	138	/	25.40	/	26.50
		270	0	/	25.44	/	26.50
	DFT-s-OFDM QPSK	1	1	/	26.11	/	27.00
		1	137	/	25.80	/	27.00
		1	271	/	25.78	/	27.00
		135	0	/	24.96	/	26.00
		135	69	/	26.09	/	27.00
		135	138	/	24.87	/	26.00
		270	0	/	24.87	/	26.00
	DFT-s-OFDM 16QAM	1	1	/	24.84	/	26.00
	DFT-s-OFDM 64QAM	1	1	/	23.36	/	24.50
	DFT-s-OFDM 256QAM	1	1	/	21.34	/	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	

<b>100MHz</b>	CP-OFDM QPSK	1	1	/	23.73	/	24.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				633000	633334	633668	
<b>90MHz</b>	DFT-s-OFDM QPSK	1	1	25.86	25.91	25.91	27.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632668	633334	634000	
<b>80MHz</b>	DFT-s-OFDM QPSK	1	1	25.92	25.94	25.96	27.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632334	633334	634332	
<b>70MHz</b>	DFT-s-OFDM QPSK	1	1	25.87	25.95	25.87	27.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	
<b>60MHz</b>	DFT-s-OFDM QPSK	1	1	25.93	25.94	25.86	27.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631668	633334	635000	
<b>50MHz</b>	DFT-s-OFDM QPSK	1	1	25.89	25.96	25.91	27.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
<b>40MHz</b>	DFT-s-OFDM QPSK	1	1	25.87	25.87	25.87	27.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631000	633334	635668	
<b>30MHz</b>	DFT-s-OFDM QPSK	1	1	25.93	25.94	25.88	27.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
<b>20MHz</b>	DFT-s-OFDM QPSK	1	1	25.92	25.96	25.95	27.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630500	633334	636166	
<b>15MHz</b>	DFT-s-OFDM QPSK	1	1	25.92	25.91	25.94	27.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630334	633334	636332	
<b>10MHz</b>	DFT-s-OFDM QPSK	1	1	25.90	25.95	25.92	27.00

N78 PC3				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	/	25.00	/	25.70
		1	137	/	24.98	/	25.70
		1	271	/	24.81	/	25.70

		135	0	/	24.48	/	25.20
		135	69	/	25.14	/	25.70
		135	138	/	24.53	/	25.20
		270	0	/	24.50	/	25.20
	DFT-s-OFDM QPSK	1	1	/	25.24	/	25.70
		1	137	/	24.96	/	25.70
		1	271	/	24.84	/	25.70
		135	0	/	24.07	/	24.70
		135	69	/	25.15	/	25.70
	DFT-s-OFDM 16QAM	135	138	/	23.98	/	24.70
		270	0	/	24.06	/	24.70
		1	1	/	23.98	/	24.70
	DFT-s-OFDM 64QAM	1	1	/	22.42	/	23.20
DFT-s-OFDM 256QAM	1	1	/	20.46	/	21.20	
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 633334	Channel /	Tune up
<b>100MHz</b>	CP-OFDM QPSK	1	1	/	22.85	/	23.20
Bandwidth	Modulation	RB size	RB offset	Channel 633000	Channel 633334	Channel 633668	Tune up
<b>90MHz</b>	DFT-s-OFDM QPSK	1	1	25.03	25.05	25.01	25.70
Bandwidth	Modulation	RB size	RB offset	Channel 632668	Channel 633334	Channel 634000	Tune up
<b>80MHz</b>	DFT-s-OFDM QPSK	1	1	25.01	25.06	24.97	25.70
Bandwidth	Modulation	RB size	RB offset	Channel 632334	Channel 633334	Channel 634332	Tune up
<b>70MHz</b>	DFT-s-OFDM QPSK	1	1	24.97	24.96	25.04	25.70
Bandwidth	Modulation	RB size	RB offset	Channel 632000	Channel 633334	Channel 634668	Tune up
<b>60MHz</b>	DFT-s-OFDM QPSK	1	1	25.04	25.01	24.96	25.70
Bandwidth	Modulation	RB size	RB offset	Channel 631668	Channel 633334	Channel 635000	Tune up
<b>50MHz</b>	DFT-s-OFDM QPSK	1	1	25.04	25.01	24.98	25.70
Bandwidth	Modulation	RB size	RB offset	Channel 631334	Channel 633334	Channel 635334	Tune up
<b>40MHz</b>	DFT-s-OFDM QPSK	1	1	24.95	25.01	24.99	25.70
Bandwidth	Modulation	RB size	RB offset	Channel 631000	Channel 633334	Channel 635668	Tune up
<b>30MHz</b>	DFT-s-OFDM QPSK	1	1	24.98	25.00	24.96	25.70
Bandwidth	Modulation	RB size	RB offset	Channel 630668	Channel 633334	Channel 636000	Tune up

<b>20MHz</b>	DFT-s-OFDM QPSK	1	1	25.00	25.01	25.04	25.70
Bandwidth	Modulation	RB size	RB offset	Channel 630500	Channel 633334	Channel 636166	Tune up
<b>15MHz</b>	DFT-s-OFDM QPSK	1	1	25.02	25.05	25.05	25.70
Bandwidth	Modulation	RB size	RB offset	Channel 630334	Channel 633334	Channel 636332	Tune up
<b>10MHz</b>	DFT-s-OFDM QPSK	1	1	24.99	25.04	25.01	25.70

N78 PC2 PC3 DS11 DS15				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	/	15.06	/	15.70
		1	137	/	14.94	/	15.70
		1	271	/	14.87	/	15.70
		135	0	/	14.56	/	15.20
		135	69	/	15.21	/	15.70
		135	138	/	14.63	/	15.20
		270	0	/	14.54	/	15.20
	DFT-s-OFDM QPSK	1	1	/	15.27	/	15.70
		1	137	/	14.99	/	15.70
		1	271	/	14.85	/	15.70
		135	0	/	14.15	/	14.70
		135	69	/	15.19	/	15.70
		135	138	/	13.98	/	14.70
		270	0	/	14.06	/	14.70
	DFT-s-OFDM 16QAM	1	1	/	14.01	/	14.70
	DFT-s-OFDM 64QAM	1	1	/	12.53	/	13.20
	DFT-s-OFDM 256QAM	1	1	/	10.50	/	11.20
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 633334	Channel /	Tune up
<b>100MHz</b>	CP-OFDM QPSK	1	1	/	12.96	/	13.20
Bandwidth	Modulation	RB size	RB offset	Channel 633000	Channel 633334	Channel 633668	Tune up
<b>90MHz</b>	DFT-s-OFDM QPSK	1	1	15.01	15.00	14.99	15.70
Bandwidth	Modulation	RB size	RB offset	Channel 632668	Channel 633334	Channel 634000	Tune up
<b>80MHz</b>	DFT-s-OFDM QPSK	1	1	14.98	15.02	15.00	15.70
Bandwidth	Modulation	RB size	RB offset	Channel 632334	Channel 633334	Channel 634332	Tune up

<b>70MHz</b>	DFT-s-OFDM QPSK	1	1	15.05	14.98	14.96	15.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	
<b>60MHz</b>	DFT-s-OFDM QPSK	1	1	15.01	14.98	14.94	15.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631668	633334	635000	
<b>50MHz</b>	DFT-s-OFDM QPSK	1	1	15.05	14.96	14.95	15.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
<b>40MHz</b>	DFT-s-OFDM QPSK	1	1	15.03	14.97	14.97	15.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631000	633334	635668	
<b>30MHz</b>	DFT-s-OFDM QPSK	1	1	15.05	14.95	14.97	15.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
<b>20MHz</b>	DFT-s-OFDM QPSK	1	1	15.02	14.96	14.96	15.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630500	633334	636166	
<b>15MHz</b>	DFT-s-OFDM QPSK	1	1	14.98	15.02	15.00	15.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630334	633334	636332	
<b>10MHz</b>	DFT-s-OFDM QPSK	1	1	15.00	15.02	14.99	15.70

N78 PC2 PC3 DS14				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500	/	
<b>100MHz</b>	DFT-s-OFDM PI/2 BPSK	1	1	/	16.50	/	17.20
		1	137	/	16.38	/	17.20
		1	271	/	16.33	/	17.20
		135	0	/	15.95	/	16.70
		135	69	/	16.62	/	17.20
		135	138	/	16.02	/	16.70
		270	0	/	15.89	/	16.70
	DFT-s-OFDM QPSK	1	1	/	16.62	/	17.20
		1	137	/	16.38	/	17.20
		1	271	/	16.29	/	17.20
		135	0	/	15.60	/	16.20
		135	69	/	16.60	/	17.20
		135	138	/	15.44	/	16.20



		270	0	/	15.48	/	16.20
	DFT-s-OFDM 16QAM	1	1	/	15.44	/	16.20
	DFT-s-OFDM 64QAM	1	1	/	14.00	/	14.70
	DFT-s-OFDM 256QAM	1	1	/	11.90	/	12.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
<b>100MHz</b>	CP-OFDM QPSK	1	1	/	14.37	/	14.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				633000	633334	633668	
<b>90MHz</b>	DFT-s-OFDM QPSK	1	1	16.28	16.22	16.33	17.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632668	633334	634000	
<b>80MHz</b>	DFT-s-OFDM QPSK	1	1	16.23	16.23	16.33	17.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632334	633334	634332	
<b>70MHz</b>	DFT-s-OFDM QPSK	1	1	16.27	16.29	16.32	17.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	
<b>60MHz</b>	DFT-s-OFDM QPSK	1	1	16.27	16.25	16.38	17.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631668	633334	635000	
<b>50MHz</b>	DFT-s-OFDM QPSK	1	1	16.25	16.24	16.31	17.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
<b>40MHz</b>	DFT-s-OFDM QPSK	1	1	16.22	16.28	16.32	17.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631000	633334	635668	
<b>30MHz</b>	DFT-s-OFDM QPSK	1	1	16.27	16.27	16.32	17.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
<b>20MHz</b>	DFT-s-OFDM QPSK	1	1	16.29	16.24	16.32	17.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630500	633334	636166	
<b>15MHz</b>	DFT-s-OFDM QPSK	1	1	16.29	16.29	16.34	17.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630334	633334	636332	
<b>10MHz</b>	DFT-s-OFDM QPSK	1	1	16.25	16.24	16.34	17.20

N78 PC2				Conducted Power(dBm)			
SCS 30kHz(3700~3800)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
				/	3750.00	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	25.67	/	27.00
		1	137	/	25.62	/	27.00
		1	271	/	25.58	/	27.00
		135	0	/	25.16	/	26.50
		135	69	/	25.89	/	27.00
		135	138	/	25.23	/	26.50
	DFT-s-OFDM QPSK	270	0	/	25.19	/	26.50
		1	1	/	25.88	/	27.00
		1	137	/	25.69	/	27.00
		1	271	/	25.53	/	27.00
		135	0	/	24.74	/	26.00
		135	69	/	25.87	/	27.00
	DFT-s-OFDM 16QAM	135	138	/	24.68	/	26.00
		270	0	/	24.76	/	26.00
		1	1	/	24.71	/	26.00
		1	1	/	23.15	/	24.50
DFT-s-OFDM 256QAM	1	1	/	21.12	/	22.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
100MHz	CP-OFDM QPSK	1	1	/	23.53	/	24.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649668	650000	650334	
90MHz	DFT-s-OFDM QPSK	1	1	25.72	25.68	25.68	27.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649334	650000	650668	
80MHz	DFT-s-OFDM QPSK	1	1	25.75	25.67	25.68	27.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649000	650000	651000	
70MHz	DFT-s-OFDM QPSK	1	1	25.69	25.70	25.67	27.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648668	650000	651334	
60MHz	DFT-s-OFDM QPSK	1	1	25.73	25.68	25.67	27.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648334	650000	651668	
50MHz	DFT-s-OFDM QPSK	1	1	25.71	25.74	25.71	27.00

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648000	650000	652000	
<b>40MHz</b>	DFT-s-OFDM QPSK	1	1	25.71	25.67	25.70	27.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647668	650000	652334	
<b>30MHz</b>	DFT-s-OFDM QPSK	1	1	25.74	25.73	25.74	27.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647334	650000	652668	
<b>20MHz</b>	DFT-s-OFDM QPSK	1	1	25.69	25.66	25.66	27.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647168	650000	652832	
<b>15MHz</b>	DFT-s-OFDM QPSK	1	1	25.72	25.67	25.65	27.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647000	650000	653000	
<b>10MHz</b>	DFT-s-OFDM QPSK	1	1	25.69	25.69	25.66	27.00

N78 PC3				Conducted Power(dBm)			
SCS 30kHz(3700~3800)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
				/	3750.00	/	
<b>100MHz</b>	DFT-s-OFDM PI/2 BPSK	1	1	/	24.71	/	25.70
		1	137	/	24.62	/	25.70
		1	271	/	24.58	/	25.70
		135	0	/	24.15	/	25.20
		135	69	/	24.84	/	25.70
		135	138	/	24.16	/	25.20
		270	0	/	24.20	/	25.20
	DFT-s-OFDM QPSK	1	1	/	24.96	/	25.70
		1	137	/	24.68	/	25.70
		1	271	/	24.52	/	25.70
		135	0	/	23.81	/	24.70
		135	69	/	24.87	/	25.70
		135	138	/	23.65	/	24.70
		270	0	/	23.76	/	24.70
	DFT-s-OFDM 16QAM	1	1	/	23.70	/	24.70
	DFT-s-OFDM 64QAM	1	1	/	22.13	/	23.20
	DFT-s-OFDM 256QAM	1	1	/	20.20	/	21.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	

<b>100MHz</b>	CP-OFDM QPSK	1	1	/	22.52	/	23.20
Bandwidth	Modulation	RB size	RB offset	Channel 649668	Channel 650000	Channel 650334	Tune up
<b>90MHz</b>	DFT-s-OFDM QPSK	1	1	24.74	24.75	24.74	25.70
Bandwidth	Modulation	RB size	RB offset	Channel 649334	Channel 650000	Channel 650668	Tune up
<b>80MHz</b>	DFT-s-OFDM QPSK	1	1	24.69	24.73	24.73	25.70
Bandwidth	Modulation	RB size	RB offset	Channel 649000	Channel 650000	Channel 651000	Tune up
<b>70MHz</b>	DFT-s-OFDM QPSK	1	1	24.71	24.70	24.74	25.70
Bandwidth	Modulation	RB size	RB offset	Channel 648668	Channel 650000	Channel 651334	Tune up
<b>60MHz</b>	DFT-s-OFDM QPSK	1	1	24.73	24.73	24.66	25.70
Bandwidth	Modulation	RB size	RB offset	Channel 648334	Channel 650000	Channel 651668	Tune up
<b>50MHz</b>	DFT-s-OFDM QPSK	1	1	24.76	24.76	24.68	25.70
Bandwidth	Modulation	RB size	RB offset	Channel 648000	Channel 650000	Channel 652000	Tune up
<b>40MHz</b>	DFT-s-OFDM QPSK	1	1	24.72	24.67	24.69	25.70
Bandwidth	Modulation	RB size	RB offset	Channel 647668	Channel 650000	Channel 652334	Tune up
<b>30MHz</b>	DFT-s-OFDM QPSK	1	1	24.72	24.71	24.76	25.70
Bandwidth	Modulation	RB size	RB offset	Channel 647334	Channel 650000	Channel 652668	Tune up
<b>20MHz</b>	DFT-s-OFDM QPSK	1	1	24.70	24.65	24.69	25.70
Bandwidth	Modulation	RB size	RB offset	Channel 647168	Channel 650000	Channel 652832	Tune up
<b>15MHz</b>	DFT-s-OFDM QPSK	1	1	24.68	24.72	24.66	25.70
Bandwidth	Modulation	RB size	RB offset	Channel 647000	Channel 650000	Channel 653000	Tune up
<b>10MHz</b>	DFT-s-OFDM QPSK	1	1	24.71	24.71	24.67	25.70

N78 PC2 PC3 DS11 DS15				Conducted Power(dBm)			
SCS 30kHz(3700~3800)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
				/	3750.00	/	
<b>100MHz</b>	DFT-s-OFDM PI/2 BPSK	1	1	/	14.80	/	15.70
		1	137	/	14.71	/	15.70



				647334	650000	652668	
<b>20MHz</b>	DFT-s-OFDM QPSK	1	1	14.68	14.67	14.63	15.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647168	650000	652832	
<b>15MHz</b>	DFT-s-OFDM QPSK	1	1	14.75	14.65	14.70	15.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647000	650000	653000	
<b>10MHz</b>	DFT-s-OFDM QPSK	1	1	14.76	14.66	14.65	15.70

N78 PC2 PC3 DSI4				Conducted Power(dBm)			
SCS 30kHz(3700~3800)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
				/	3750.00	/	
<b>100MHz</b>	DFT-s-OFDM PI/2 BPSK	1	1	/	16.29	/	17.20
		1	137	/	16.14	/	17.20
		1	271	/	16.06	/	17.20
		135	0	/	15.73	/	16.70
		135	69	/	16.40	/	17.20
		135	138	/	15.81	/	16.70
		270	0	/	15.77	/	16.70
	DFT-s-OFDM QPSK	1	1	/	16.49	/	17.20
		1	137	/	16.20	/	17.20
		1	271	/	16.10	/	17.20
		135	0	/	15.38	/	16.20
		135	69	/	16.38	/	17.20
		135	138	/	15.25	/	16.20
		270	0	/	15.30	/	16.20
	DFT-s-OFDM 16QAM	1	1	/	15.25	/	16.20
	DFT-s-OFDM 64QAM	1	1	/	13.75	/	14.70
	DFT-s-OFDM 256QAM	1	1	/	11.68	/	12.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
<b>100MHz</b>	CP-OFDM QPSK	1	1	/	14.14	/	14.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649668	650000	650334	
<b>90MHz</b>	DFT-s-OFDM QPSK	1	1	16.25	16.17	16.17	17.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649334	650000	650668	
<b>80MHz</b>	DFT-s-OFDM QPSK	1	1	16.21	16.18	16.14	17.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649000	650000	651000	

<b>70MHz</b>	DFT-s-OFDM QPSK	1	1	16.18	16.22	16.12	17.20
Bandwidth	Modulation	RB size	RB offset	Channel 648668	Channel 650000	Channel 651334	Tune up
<b>60MHz</b>	DFT-s-OFDM QPSK	1	1	16.17	16.20	16.12	17.20
Bandwidth	Modulation	RB size	RB offset	Channel 648334	Channel 650000	Channel 651668	Tune up
<b>50MHz</b>	DFT-s-OFDM QPSK	1	1	16.26	16.16	16.13	17.20
Bandwidth	Modulation	RB size	RB offset	Channel 648000	Channel 650000	Channel 652000	Tune up
<b>40MHz</b>	DFT-s-OFDM QPSK	1	1	16.23	16.19	16.12	17.20
Bandwidth	Modulation	RB size	RB offset	Channel 647668	Channel 650000	Channel 652334	Tune up
<b>30MHz</b>	DFT-s-OFDM QPSK	1	1	16.23	16.22	16.14	17.20
Bandwidth	Modulation	RB size	RB offset	Channel 647334	Channel 650000	Channel 652668	Tune up
<b>20MHz</b>	DFT-s-OFDM QPSK	1	1	16.19	16.23	16.18	17.20
Bandwidth	Modulation	RB size	RB offset	Channel 647168	Channel 650000	Channel 652832	Tune up
<b>15MHz</b>	DFT-s-OFDM QPSK	1	1	16.18	16.18	16.17	17.20
Bandwidth	Modulation	RB size	RB offset	Channel 647000	Channel 650000	Channel 653000	Tune up
<b>10MHz</b>	DFT-s-OFDM QPSK	1	1	16.24	16.20	16.11	17.20

### 13.9 Conducted Power of NR Antenna (Ant8)

N48 Full Power				Conducted Power(dBm)			
SCS 30kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				638000	641666	645332	
				3570	3624.99	3679.98	
40MHz	DFT-s-OFDM PI/2 BPSK	1	1	22.78	22.76	22.77	24.50
		1	53	22.75	22.73	22.75	24.50
		1	104	22.55	22.61	22.57	24.50
		50	0	22.25	22.22	22.20	24.00
		50	28	22.92	22.93	22.89	24.50
		50	56	22.24	22.29	22.24	24.00
		100	0	22.26	22.30	22.22	24.00
	DFT-s-OFDM QPSK	1	1	22.79	22.80	22.75	24.50
		1	53	22.65	22.71	22.69	24.50
		1	104	22.55	22.61	22.62	24.50
		50	0	21.86	21.81	21.80	23.50
		50	28	22.72	22.72	22.66	24.50
		50	56	21.74	21.70	21.69	23.50
			100	0	21.72	21.82	21.81
	DFT-s-OFDM 16QAM	1	1	21.78	21.77	21.77	23.50
	DFT-s-OFDM 64QAM	1	1	20.21	20.18	20.14	22.00
	DFT-s-OFDM 256QAM	1	1	18.22	18.19	18.17	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				638000	641666	645332	
40MHz	CP-OFDM QPSK	1	1	20.56	20.59	20.55	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				637668	641666	645666	
30MHz	DFT-s-OFDM QPSK	1	1	22.72	22.72	22.76	24.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				637334	641666	646000	
20MHz	DFT-s-OFDM QPSK	1	1	22.77	22.71	22.76	24.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up



				637168	641666	646166	
<b>15MHz</b>	DFT-s-OFDM QPSK	1	1	22.75	22.71	22.80	24.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				637000	641666	646332	
<b>10MHz</b>	DFT-s-OFDM QPSK	1	1	22.76	22.74	22.80	24.50

N77 PC2 Full Power				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500	/	
<b>100MHz</b>	DFT-s-OFDM PI/2 BPSK	1	1	/	24.22	/	25.50
		1	137	/	24.25	/	25.50
		1	271	/	24.09	/	25.50
		135	0	/	23.73	/	25.00
		135	69	/	24.37	/	25.50
		135	138	/	23.79	/	25.00
	DFT-s-OFDM QPSK	1	1	/	24.47	/	25.50
		1	137	/	24.19	/	25.50
		1	271	/	24.13	/	25.50
		135	0	/	23.32	/	24.50
		135	69	/	24.43	/	25.50
		135	138	/	23.29	/	24.50
	DFT-s-OFDM 16QAM	1	1	/	23.23	/	24.50
		1	1	/	21.68	/	23.00
		1	1	/	19.70	/	21.00
DFT-s-OFDM 256QAM	1	1	/	19.70	/	21.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
<b>100MHz</b>	CP-OFDM QPSK	1	1	/	22.15	/	23.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				633000	633334	633668	
<b>90MHz</b>	DFT-s-OFDM QPSK	1	1	24.22	24.27	24.25	25.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632668	633334	634000	
<b>80MHz</b>	DFT-s-OFDM QPSK	1	1	24.25	24.22	24.28	25.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632334	633334	634332	

<b>70MHz</b>	DFT-s-OFDM QPSK	1	1	24.27	24.21	24.24	25.50
Bandwidth	Modulation	RB size	RB offset	Channel 632000	Channel 633334	Channel 634668	Tune up
<b>60MHz</b>	DFT-s-OFDM QPSK	1	1	24.30	24.23	24.22	25.50
Bandwidth	Modulation	RB size	RB offset	Channel 631668	Channel 633334	Channel 635000	Tune up
<b>50MHz</b>	DFT-s-OFDM QPSK	1	1	24.30	24.27	24.26	25.50
Bandwidth	Modulation	RB size	RB offset	Channel 631334	Channel 633334	Channel 635334	Tune up
<b>40MHz</b>	DFT-s-OFDM QPSK	1	1	24.22	24.29	24.30	25.50
Bandwidth	Modulation	RB size	RB offset	Channel 631000	Channel 633334	Channel 635666	Tune up
<b>30MHz</b>	DFT-s-OFDM QPSK	1	1	24.24	24.20	24.23	25.50
Bandwidth	Modulation	RB size	RB offset	Channel 630668	Channel 633334	Channel 636000	Tune up
<b>20MHz</b>	DFT-s-OFDM QPSK	1	1	24.29	24.26	24.25	25.50
Bandwidth	Modulation	RB size	RB offset	Channel 630500	Channel 633334	Channel 636166	Tune up
<b>15MHz</b>	DFT-s-OFDM QPSK	1	1	24.25	24.26	24.28	25.50
Bandwidth	Modulation	RB size	RB offset	Channel 630334	Channel 633334	Channel 636332	Tune up
<b>10MHz</b>	DFT-s-OFDM QPSK	1	1	24.24	24.20	24.30	25.50

N77 PC3 Full Power				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500	/	
<b>100MHz</b>	DFT-s-OFDM PI/2 BPSK	1	1	/	23.16	/	24.50
		1	137	/	23.09	/	24.50
		1	271	/	23.04	/	24.50
		135	0	/	22.68	/	24.00
		135	69	/	23.35	/	24.50
		135	138	/	22.70	/	24.00
		270	0	/	22.63	/	24.00
	DFT-s-OFDM QPSK	1	1	/	23.37	/	24.50
		1	137	/	23.12	/	24.50
		1	271	/	22.96	/	24.50
		135	0	/	22.19	/	23.50
		135	69	/	23.34	/	24.50
		135	138	/	22.13	/	23.50
		270	0	/	22.20	/	23.50

	DFT-s-OFDM 16QAM	1	1	/	22.10	/	23.50
	DFT-s-OFDM 64QAM	1	1	/	20.55	/	22.00
	DFT-s-OFDM 256QAM	1	1	/	18.58	/	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
<b>100MHz</b>	CP-OFDM QPSK	1	1	/	20.95	/	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				633000	633334	633668	
<b>90MHz</b>	DFT-s-OFDM QPSK	1	1	23.17	23.21	23.12	24.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632668	633334	634000	
<b>80MHz</b>	DFT-s-OFDM QPSK	1	1	23.20	23.16	23.15	24.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632334	633334	634332	
<b>70MHz</b>	DFT-s-OFDM QPSK	1	1	23.20	23.15	23.12	24.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	
<b>60MHz</b>	DFT-s-OFDM QPSK	1	1	23.12	23.19	23.12	24.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631668	633334	635000	
<b>50MHz</b>	DFT-s-OFDM QPSK	1	1	23.17	23.12	23.17	24.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
<b>40MHz</b>	DFT-s-OFDM QPSK	1	1	23.13	23.13	23.17	24.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631000	633334	635666	
<b>30MHz</b>	DFT-s-OFDM QPSK	1	1	23.19	23.15	23.20	24.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
<b>20MHz</b>	DFT-s-OFDM QPSK	1	1	23.21	23.16	23.15	24.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630500	633334	636166	
<b>15MHz</b>	DFT-s-OFDM QPSK	1	1	23.17	23.19	23.20	24.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630334	633334	636332	
<b>10MHz</b>	DFT-s-OFDM QPSK	1	1	23.13	23.16	23.15	24.50

N77 PC2 PC3 DSI3 DSI5				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	/	20.31	/	21.50
		1	137	/	20.30	/	21.50
		1	271	/	20.31	/	21.50
		135	0	/	20.29	/	21.50
		135	69	/	20.42	/	21.50
		135	138	/	20.24	/	21.50
		270	0	/	20.19	/	21.50
	DFT-s-OFDM QPSK	1	1	/	20.61	/	21.50
		1	137	/	20.31	/	21.50
		1	271	/	20.31	/	21.50
		135	0	/	20.27	/	21.50
		135	69	/	20.51	/	21.50
		135	138	/	20.33	/	21.50
	DFT-s-OFDM 16QAM	1	1	/	20.32	/	21.50
	DFT-s-OFDM 64QAM	1	1	/	20.42	/	21.50
	DFT-s-OFDM 256QAM	1	1	/	18.59	/	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
<b>100MHz</b>	CP-OFDM QPSK	1	1	/	20.55	/	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				633000	633334	633668	
<b>90MHz</b>	DFT-s-OFDM QPSK	1	1	20.28	20.40	20.20	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632668	633334	634000	
<b>80MHz</b>	DFT-s-OFDM QPSK	1	1	20.29	20.33	20.23	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632334	633334	634332	
<b>70MHz</b>	DFT-s-OFDM QPSK	1	1	20.25	20.34	20.24	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	
<b>60MHz</b>	DFT-s-OFDM QPSK	1	1	20.25	20.34	20.17	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631668	633334	635000	
<b>50MHz</b>	DFT-s-OFDM QPSK	1	1	20.23	20.37	20.18	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up

				631334	633334	635334	
<b>40MHz</b>	DFT-s-OFDM QPSK	1	1	20.29	20.36	20.22	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631000	633334	635666	
<b>30MHz</b>	DFT-s-OFDM QPSK	1	1	20.23	20.38	20.16	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
<b>20MHz</b>	DFT-s-OFDM QPSK	1	1	20.25	20.35	20.20	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630500	633334	636166	
<b>15MHz</b>	DFT-s-OFDM QPSK	1	1	20.28	20.37	20.15	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630334	633334	636332	
<b>10MHz</b>	DFT-s-OFDM QPSK	1	1	20.28	20.31	20.23	21.50

N77 PC2 PC3 DS14				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	/	22.60	/	24.00
		1	137	/	22.54	/	24.00
		1	271	/	22.51	/	24.00
		135	0	/	22.68	/	24.00
		135	69	/	22.55	/	24.00
		135	138	/	22.53	/	24.00
		270	0	/	22.56	/	24.00
	DFT-s-OFDM QPSK	1	1	/	22.90	/	24.00
		1	137	/	22.54	/	24.00
		1	271	/	22.56	/	24.00
		135	0	/	22.22	/	23.50
		135	69	/	22.55	/	24.00
		135	138	/	22.14	/	23.50
		270	0	/	22.18	/	23.50
	DFT-s-OFDM 16QAM	1	1	/	22.12	/	23.50
DFT-s-OFDM 64QAM	1	1	/	20.55	/	22.00	
DFT-s-OFDM 256QAM	1	1	/	18.57	/	20.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
<b>100MHz</b>	CP-OFDM QPSK	1	1	/	20.91	/	22.00

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				633000	633334	633668	
<b>90MHz</b>	DFT-s-OFDM QPSK	1	1	22.70	22.65	22.64	24.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632668	633334	634000	
<b>80MHz</b>	DFT-s-OFDM QPSK	1	1	22.66	22.69	22.68	24.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632334	633334	634332	
<b>70MHz</b>	DFT-s-OFDM QPSK	1	1	22.68	22.71	22.66	24.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	
<b>60MHz</b>	DFT-s-OFDM QPSK	1	1	22.72	22.66	22.72	24.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631668	633334	635000	
<b>50MHz</b>	DFT-s-OFDM QPSK	1	1	22.68	22.72	22.67	24.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
<b>40MHz</b>	DFT-s-OFDM QPSK	1	1	22.65	22.68	22.72	24.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631000	633334	635666	
<b>30MHz</b>	DFT-s-OFDM QPSK	1	1	22.67	22.65	22.66	24.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
<b>20MHz</b>	DFT-s-OFDM QPSK	1	1	22.69	22.67	22.69	24.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630500	633334	636166	
<b>15MHz</b>	DFT-s-OFDM QPSK	1	1	22.69	22.72	22.66	24.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630334	633334	636332	
<b>10MHz</b>	DFT-s-OFDM QPSK	1	1	22.65	22.65	22.71	24.00

N77 PC2 Full Power				Conducted Power(dBm)			
SCS 30kHz(3700~3980)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				650000	656000	662000	
<b>100MHz</b>	DFT-s-OFDM PI/2 BPSK	1	1	3750	3840	3930	25.50
		1	137	24.11	24.20	24.20	25.50
		1	271	24.11	24.07	24.12	25.50
		135	0	23.95	24.03	23.94	25.50
				23.59	23.61	23.62	25.00

		135	69	24.32	24.25	24.26	25.50
		135	138	23.68	23.60	23.69	25.00
		270	0	23.71	23.64	23.66	25.00
	DFT-s-OFDM QPSK	1	1	24.32	24.34	24.31	25.50
		1	137	24.15	24.04	24.15	25.50
		1	271	24.02	23.94	23.97	25.50
		135	0	23.22	23.22	23.17	24.50
		135	69	24.27	24.31	24.25	25.50
		135	138	23.19	23.19	23.13	24.50
		270	0	23.14	23.21	23.21	24.50
DFT-s-OFDM 16QAM	1	1	23.17	23.19	23.10	24.50	
DFT-s-OFDM 64QAM	1	1	21.59	21.60	21.58	23.00	
DFT-s-OFDM 256QAM	1	1	19.61	19.59	19.57	21.00	
Bandwidth	Modulation	RB size	RB offset	Channel 650000	Channel 656000	Channel 662000	Tune up
<b>100MHz</b>	CP-OFDM QPSK	1	1	22.01	22.04	21.94	23.00
Bandwidth	Modulation	RB size	RB offset	Channel 649668	Channel 656000	Channel 662332	Tune up
<b>90MHz</b>	DFT-s-OFDM QPSK	1	1	24.13	24.15	24.19	25.50
Bandwidth	Modulation	RB size	RB offset	Channel 649334	Channel 656000	Channel 662666	Tune up
<b>80MHz</b>	DFT-s-OFDM QPSK	1	1	24.15	24.15	24.18	25.50
Bandwidth	Modulation	RB size	RB offset	Channel 649000	Channel 656000	Channel 663000	Tune up
<b>70MHz</b>	DFT-s-OFDM QPSK	1	1	24.16	24.12	24.20	25.50
Bandwidth	Modulation	RB size	RB offset	Channel 648668	Channel 656000	Channel 663332	Tune up
<b>60MHz</b>	DFT-s-OFDM QPSK	1	1	24.17	24.13	24.12	25.50
Bandwidth	Modulation	RB size	RB offset	Channel 648334	Channel 656000	Channel 663666	Tune up
<b>50MHz</b>	DFT-s-OFDM QPSK	1	1	24.17	24.11	24.11	25.50
Bandwidth	Modulation	RB size	RB offset	Channel 648000	Channel 656000	Channel 664000	Tune up
<b>40MHz</b>	DFT-s-OFDM QPSK	1	1	24.11	24.21	24.11	25.50
Bandwidth	Modulation	RB size	RB offset	Channel 647668	Channel 656000	Channel 664332	Tune up
<b>30MHz</b>	DFT-s-OFDM QPSK	1	1	24.17	24.13	24.13	25.50
Bandwidth	Modulation	RB size	RB offset	Channel 647334	Channel 656000	Channel 664666	Tune up

<b>20MHz</b>	DFT-s-OFDM QPSK	1	1	24.12	24.14	24.11	25.50
Bandwidth	Modulation	RB size	RB offset	Channel 647168	Channel 656000	Channel 664832	Tune up
<b>15MHz</b>	DFT-s-OFDM QPSK	1	1	24.18	24.20	24.15	25.50
Bandwidth	Modulation	RB size	RB offset	Channel 647000	Channel 656000	Channel 665000	Tune up
<b>10MHz</b>	DFT-s-OFDM QPSK	1	1	24.10	24.12	24.16	25.50

N77 PC3 Full Power				Conducted Power(dBm)				
SCS 30kHz(3700~3980)								
Bandwidth	Modulation	RB size	RB offset	Channel 650000	Channel 656000	Channel 662000	Tune up	
<b>100MHz</b>	DFT-s-OFDM PI/2 BPSK	1	1	3750	3840	3930		
		1	137	23.06	23.05	23.01	24.50	
		1	271	23.00	23.05	23.03	24.50	
		135	0	22.88	22.88	22.93	24.50	
		135	69	22.53	22.58	22.52	24.00	
		135	138	23.24	23.23	23.17	24.50	
		270	0	22.55	22.58	22.58	24.00	
	DFT-s-OFDM QPSK	1	1	23.23	23.29	23.22	24.50	
		1	137	23.03	22.97	23.04	24.50	
		1	271	22.94	22.87	22.85	24.50	
		135	0	22.09	22.12	22.12	23.50	
		135	69	23.14	23.21	23.17	24.50	
		135	138	22.09	21.99	22.08	23.50	
		270	0	22.03	22.04	22.08	23.50	
	DFT-s-OFDM 16QAM	1	1	22.07	22.09	22.03	23.50	
	DFT-s-OFDM 64QAM	1	1	20.54	20.47	20.52	22.00	
	DFT-s-OFDM 256QAM	1	1	18.54	18.45	18.47	20.00	
	Bandwidth	Modulation	RB size	RB offset	Channel 650000	Channel 656000	Channel 662000	Tune up
	<b>100MHz</b>	CP-OFDM QPSK	1	1	20.90	20.85	20.85	22.00
	Bandwidth	Modulation	RB size	RB offset	Channel 649668	Channel 656000	Channel 662332	Tune up
	<b>90MHz</b>	DFT-s-OFDM QPSK	1	1	23.02	23.07	23.06	24.50
Bandwidth	Modulation	RB size	RB offset	Channel 649334	Channel 656000	Channel 662666	Tune up	
<b>80MHz</b>	DFT-s-OFDM QPSK	1	1	23.04	23.06	23.07	24.50	
Bandwidth	Modulation	RB size	RB offset	Channel 649000	Channel 656000	Channel 663000	Tune up	





<b>70MHz</b>	DFT-s-OFDM QPSK	1	1	23.06	23.05	23.00	24.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648668	656000	663332	
<b>60MHz</b>	DFT-s-OFDM QPSK	1	1	23.09	23.05	23.02	24.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648334	656000	663666	
<b>50MHz</b>	DFT-s-OFDM QPSK	1	1	23.05	23.11	23.02	24.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648000	656000	664000	
<b>40MHz</b>	DFT-s-OFDM QPSK	1	1	23.06	23.02	23.01	24.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647668	656000	664332	
<b>30MHz</b>	DFT-s-OFDM QPSK	1	1	23.06	23.03	23.07	24.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647334	656000	664666	
<b>20MHz</b>	DFT-s-OFDM QPSK	1	1	23.10	23.08	23.01	24.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647168	656000	664832	
<b>15MHz</b>	DFT-s-OFDM QPSK	1	1	23.05	23.07	23.00	24.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647000	656000	665000	
<b>10MHz</b>	DFT-s-OFDM QPSK	1	1	23.08	23.08	23.10	24.50

N77 PC2 PC3 DSI3 DSI5				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	20.20	20.24	20.13	21.50
		1	137	20.24	20.34	20.20	21.50
		1	271	20.27	20.29	20.18	21.50
		135	0	20.20	20.27	20.17	21.50
		135	69	20.38	20.45	20.36	21.50
		135	138	20.23	20.21	20.28	21.50
		270	0	20.30	20.15	20.21	21.50
	DFT-s-OFDM QPSK	1	1	20.43	20.65	20.52	21.50
		1	137	20.26	20.24	20.22	21.50
		1	271	20.25	20.36	20.20	21.50
		135	0	20.25	20.26	20.24	21.50
		135	69	20.36	20.48	20.36	21.50
		135	138	20.24	20.35	20.25	21.50

		270	0	20.24	20.34	20.28	21.50
	DFT-s-OFDM 16QAM	1	1	20.23	20.34	20.25	21.50
	DFT-s-OFDM 64QAM	1	1	20.21	20.36	20.23	21.50
	DFT-s-OFDM 256QAM	1	1	18.44	18.43	18.42	20.00
Bandwidth	Modulation	RB size	RB offset	Channel 650000	Channel 656000	Channel 662000	Tune up
<b>100MHz</b>	CP-OFDM QPSK	1	1	20.35	20.46	20.36	21.50
Bandwidth	Modulation	RB size	RB offset	Channel 649668	Channel 656000	Channel 662332	Tune up
<b>90MHz</b>	DFT-s-OFDM QPSK	1	1	20.37	20.44	20.34	21.50
Bandwidth	Modulation	RB size	RB offset	Channel 649334	Channel 656000	Channel 662666	Tune up
<b>80MHz</b>	DFT-s-OFDM QPSK	1	1	20.39	20.46	20.37	21.50
Bandwidth	Modulation	RB size	RB offset	Channel 649000	Channel 656000	Channel 663000	Tune up
<b>70MHz</b>	DFT-s-OFDM QPSK	1	1	20.41	20.44	20.36	21.50
Bandwidth	Modulation	RB size	RB offset	Channel 648668	Channel 656000	Channel 663332	Tune up
<b>60MHz</b>	DFT-s-OFDM QPSK	1	1	20.37	20.46	20.34	21.50
Bandwidth	Modulation	RB size	RB offset	Channel 648334	Channel 656000	Channel 663666	Tune up
<b>50MHz</b>	DFT-s-OFDM QPSK	1	1	20.40	20.51	20.37	21.50
Bandwidth	Modulation	RB size	RB offset	Channel 648000	Channel 656000	Channel 664000	Tune up
<b>40MHz</b>	DFT-s-OFDM QPSK	1	1	20.42	20.44	20.39	21.50
Bandwidth	Modulation	RB size	RB offset	Channel 647668	Channel 656000	Channel 664332	Tune up
<b>30MHz</b>	DFT-s-OFDM QPSK	1	1	20.34	20.48	20.38	21.50
Bandwidth	Modulation	RB size	RB offset	Channel 647334	Channel 656000	Channel 664666	Tune up
<b>20MHz</b>	DFT-s-OFDM QPSK	1	1	20.40	20.45	20.40	21.50
Bandwidth	Modulation	RB size	RB offset	Channel 647168	Channel 656000	Channel 664832	Tune up
<b>15MHz</b>	DFT-s-OFDM QPSK	1	1	20.41	20.49	20.40	21.50
Bandwidth	Modulation	RB size	RB offset	Channel 647000	Channel 656000	Channel 665000	Tune up
<b>10MHz</b>	DFT-s-OFDM QPSK	1	1	20.38	20.50	20.33	21.50



				648000	656000	664000	
<b>40MHz</b>	DFT-s-OFDM QPSK	1	1	22.70	22.66	22.67	24.00
Bandwidth	Modulation	RB size	RB offset	Channel 647668	Channel 656000	Channel 664332	Tune up
<b>30MHz</b>	DFT-s-OFDM QPSK	1	1	22.67	22.64	22.68	24.00
Bandwidth	Modulation	RB size	RB offset	Channel 647334	Channel 656000	Channel 664666	Tune up
<b>20MHz</b>	DFT-s-OFDM QPSK	1	1	22.66	22.67	22.67	24.00
Bandwidth	Modulation	RB size	RB offset	Channel 647168	Channel 656000	Channel 664832	Tune up
<b>15MHz</b>	DFT-s-OFDM QPSK	1	1	22.68	22.72	22.72	24.00
Bandwidth	Modulation	RB size	RB offset	Channel 647000	Channel 656000	Channel 665000	Tune up
<b>10MHz</b>	DFT-s-OFDM QPSK	1	1	22.69	22.65	22.69	24.00

N78 PC2 Full Power				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500	/	
<b>100MHz</b>	DFT-s-OFDM PI/2 BPSK	1	1	/	24.18	/	25.50
		1	137	/	24.09	/	25.50
		1	271	/	24.01	/	25.50
		135	0	/	23.60	/	25.00
		135	69	/	24.34	/	25.50
		135	138	/	23.69	/	25.00
		270	0	/	23.70	/	25.00
	DFT-s-OFDM QPSK	1	1	/	24.41	/	25.50
		1	137	/	24.11	/	25.50
		1	271	/	23.96	/	25.50
		135	0	/	23.25	/	24.50
		135	69	/	24.25	/	25.50
		135	138	/	23.14	/	24.50
		270	0	/	23.16	/	24.50
	DFT-s-OFDM 16QAM	1	1	/	23.19	/	24.50
DFT-s-OFDM 64QAM	1	1	/	21.55	/	23.00	
DFT-s-OFDM 256QAM	1	1	/	19.61	/	21.00	
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 633334	Channel /	Tune up
<b>100MHz</b>	CP-OFDM QPSK	1	1	/	21.95	/	23.00

Bandwidth	Modulation	RB size	RB offset	Channel 633000	Channel 633334	Channel 633668	Tune up
<b>90MHz</b>	DFT-s-OFDM QPSK	1	1	24.20	24.14	24.14	25.50
Bandwidth	Modulation	RB size	RB offset	Channel 632668	Channel 633334	Channel 634000	Tune up
<b>80MHz</b>	DFT-s-OFDM QPSK	1	1	24.19	24.15	24.19	25.50
Bandwidth	Modulation	RB size	RB offset	Channel 632334	Channel 633334	Channel 634332	Tune up
<b>70MHz</b>	DFT-s-OFDM QPSK	1	1	24.18	24.12	24.13	25.50
Bandwidth	Modulation	RB size	RB offset	Channel 632000	Channel 633334	Channel 634668	Tune up
<b>60MHz</b>	DFT-s-OFDM QPSK	1	1	24.10	24.16	24.18	25.50
Bandwidth	Modulation	RB size	RB offset	Channel 631668	Channel 633334	Channel 635000	Tune up
<b>50MHz</b>	DFT-s-OFDM QPSK	1	1	24.11	24.18	24.14	25.50
Bandwidth	Modulation	RB size	RB offset	Channel 631334	Channel 633334	Channel 635334	Tune up
<b>40MHz</b>	DFT-s-OFDM QPSK	1	1	24.20	24.15	24.11	25.50
Bandwidth	Modulation	RB size	RB offset	Channel 631000	Channel 633334	Channel 635668	Tune up
<b>30MHz</b>	DFT-s-OFDM QPSK	1	1	24.12	24.15	24.12	25.50
Bandwidth	Modulation	RB size	RB offset	Channel 630668	Channel 633334	Channel 636000	Tune up
<b>20MHz</b>	DFT-s-OFDM QPSK	1	1	24.14	24.21	24.12	25.50
Bandwidth	Modulation	RB size	RB offset	Channel 630500	Channel 633334	Channel 636166	Tune up
<b>15MHz</b>	DFT-s-OFDM QPSK	1	1	24.18	24.17	24.11	25.50
Bandwidth	Modulation	RB size	RB offset	Channel 630334	Channel 633334	Channel 636332	Tune up
<b>10MHz</b>	DFT-s-OFDM QPSK	1	1	24.14	24.13	24.17	25.50

N78 PC3 Full Power				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500	/	
<b>100MHz</b>	DFT-s-OFDM PI/2 BPSK	1	1	/	23.28	/	25.00
		1	137	/	23.20	/	25.00
		1	271	/	23.07	/	25.00
		135	0	/	22.74	/	24.50

		135	69	/	23.34	/	25.00
		135	138	/	22.74	/	24.50
		270	0	/	22.80	/	24.50
	DFT-s-OFDM QPSK	1	1	/	23.43	/	25.00
		1	137	/	23.23	/	25.00
		1	271	/	23.10	/	25.00
		135	0	/	22.38	/	24.00
		135	69	/	23.37	/	25.00
		135	138	/	22.26	/	24.00
		270	0	/	22.25	/	24.00
DFT-s-OFDM 16QAM	1	1	/	22.23	/	24.00	
DFT-s-OFDM 64QAM	1	1	/	20.67	/	22.50	
DFT-s-OFDM 256QAM	1	1	/	18.72	/	20.50	
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 633334	Channel /	Tune up
<b>100MHz</b>	CP-OFDM QPSK	1	1	/	21.07	/	22.50
Bandwidth	Modulation	RB size	RB offset	Channel 633000	Channel 633334	Channel 633668	Tune up
<b>90MHz</b>	DFT-s-OFDM QPSK	1	1	23.26	23.21	23.22	25.00
Bandwidth	Modulation	RB size	RB offset	Channel 632668	Channel 633334	Channel 634000	Tune up
<b>80MHz</b>	DFT-s-OFDM QPSK	1	1	23.22	23.21	23.21	25.00
Bandwidth	Modulation	RB size	RB offset	Channel 632334	Channel 633334	Channel 634332	Tune up
<b>70MHz</b>	DFT-s-OFDM QPSK	1	1	23.26	23.29	23.25	25.00
Bandwidth	Modulation	RB size	RB offset	Channel 632000	Channel 633334	Channel 634668	Tune up
<b>60MHz</b>	DFT-s-OFDM QPSK	1	1	23.28	23.22	23.24	25.00
Bandwidth	Modulation	RB size	RB offset	Channel 631668	Channel 633334	Channel 635000	Tune up
<b>50MHz</b>	DFT-s-OFDM QPSK	1	1	23.22	23.31	23.22	25.00
Bandwidth	Modulation	RB size	RB offset	Channel 631334	Channel 633334	Channel 635334	Tune up
<b>40MHz</b>	DFT-s-OFDM QPSK	1	1	23.23	23.26	23.27	25.00
Bandwidth	Modulation	RB size	RB offset	Channel 631000	Channel 633334	Channel 635668	Tune up
<b>30MHz</b>	DFT-s-OFDM QPSK	1	1	23.21	23.29	23.27	25.00
Bandwidth	Modulation	RB size	RB offset	Channel 630668	Channel 633334	Channel 636000	Tune up

<b>20MHz</b>	DFT-s-OFDM QPSK	1	1	23.26	23.29	23.21	25.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630500	633334	636166	
<b>15MHz</b>	DFT-s-OFDM QPSK	1	1	23.26	23.26	23.21	25.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630334	633334	636332	
<b>10MHz</b>	DFT-s-OFDM QPSK	1	1	23.21	23.20	23.29	25.00

N78 PC2 PC3 DSI3 DSI5				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500	/	
<b>100MHz</b>	DFT-s-OFDM PI/2 BPSK	1	1	/	19.79	/	21.50
		1	137	/	19.88	/	21.50
		1	271	/	19.83	/	21.50
		135	0	/	19.79	/	21.50
		135	69	/	19.95	/	21.50
		135	138	/	19.73	/	21.50
		270	0	/	19.61	/	21.50
	DFT-s-OFDM QPSK	1	1	/	20.13	/	21.50
		1	137	/	19.79	/	21.50
		1	271	/	19.84	/	21.50
		135	0	/	19.79	/	21.50
		135	69	/	20.03	/	21.50
		135	138	/	19.83	/	21.50
		270	0	/	19.84	/	21.50
	DFT-s-OFDM 16QAM	1	1	/	19.77	/	21.50
	DFT-s-OFDM 64QAM	1	1	/	19.76	/	21.50
DFT-s-OFDM 256QAM	1	1	/	18.78	/	20.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
<b>100MHz</b>	CP-OFDM QPSK	1	1	/	20.00	/	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				633000	633334	633668	
<b>90MHz</b>	DFT-s-OFDM QPSK	1	1	19.89	20.03	19.83	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632668	633334	634000	
<b>80MHz</b>	DFT-s-OFDM QPSK	1	1	19.92	19.98	19.86	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up

				632334	633334	634332	
<b>70MHz</b>	DFT-s-OFDM QPSK	1	1	19.85	20.00	19.82	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	
<b>60MHz</b>	DFT-s-OFDM QPSK	1	1	19.85	20.00	19.88	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631668	633334	635000	
<b>50MHz</b>	DFT-s-OFDM QPSK	1	1	19.92	19.97	19.83	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
<b>40MHz</b>	DFT-s-OFDM QPSK	1	1	19.87	19.98	19.89	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631000	633334	635668	
<b>30MHz</b>	DFT-s-OFDM QPSK	1	1	19.91	19.96	19.87	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
<b>20MHz</b>	DFT-s-OFDM QPSK	1	1	19.85	19.96	19.86	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630500	633334	636166	
<b>15MHz</b>	DFT-s-OFDM QPSK	1	1	19.92	19.96	19.90	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630334	633334	636332	
<b>10MHz</b>	DFT-s-OFDM QPSK	1	1	19.93	20.00	19.88	21.50

N78 PC2 PC3 DS14				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	/	22.63	/	24.50
		1	137	/	22.54	/	24.50
		1	271	/	22.54	/	24.50
		135	0	/	22.72	/	24.50
		135	69	/	22.62	/	24.50
		135	138	/	22.59	/	24.50
		270	0	/	22.55	/	24.50
	DFT-s-OFDM QPSK	1	1	/	22.91	/	24.50
		1	137	/	22.53	/	24.50
		1	271	/	22.59	/	24.50
		135	0	/	22.17	/	24.00
		135	69	/	22.56	/	24.50
		135	138	/	22.18	/	24.00
		270	0	/	22.17	/	24.00



	DFT-s-OFDM 16QAM	1	1	/	22.10	/	24.00
	DFT-s-OFDM 64QAM	1	1	/	20.52	/	22.50
	DFT-s-OFDM 256QAM	1	1	/	18.55	/	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
<b>100MHz</b>	CP-OFDM QPSK	1	1	/	21.02	/	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				633000	633334	633668	
<b>90MHz</b>	DFT-s-OFDM QPSK	1	1	22.72	22.69	22.64	24.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632668	633334	634000	
<b>80MHz</b>	DFT-s-OFDM QPSK	1	1	22.71	22.72	22.72	24.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632334	633334	634332	
<b>70MHz</b>	DFT-s-OFDM QPSK	1	1	22.65	22.70	22.65	24.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	
<b>60MHz</b>	DFT-s-OFDM QPSK	1	1	22.65	22.71	22.67	24.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631668	633334	635000	
<b>50MHz</b>	DFT-s-OFDM QPSK	1	1	22.69	22.69	22.73	24.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
<b>40MHz</b>	DFT-s-OFDM QPSK	1	1	22.73	22.70	22.71	24.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631000	633334	635668	
<b>30MHz</b>	DFT-s-OFDM QPSK	1	1	22.66	22.72	22.72	24.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
<b>20MHz</b>	DFT-s-OFDM QPSK	1	1	22.64	22.68	22.67	24.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630500	633334	636166	
<b>15MHz</b>	DFT-s-OFDM QPSK	1	1	22.71	22.69	22.66	24.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630334	633334	636332	
<b>10MHz</b>	DFT-s-OFDM QPSK	1	1	22.68	22.68	22.67	24.50

N78 PC2 Full Power				Conducted Power(dBm)			
SCS 30kHz(3700~3800)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
				/	3750.00	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	24.79	/	26.00
		1	137	/	24.73	/	26.00
		1	271	/	24.63	/	26.00
		135	0	/	24.28	/	25.50
		135	69	/	24.92	/	26.00
		135	138	/	24.20	/	25.50
		270	0	/	24.30	/	25.50
	DFT-s-OFDM QPSK	1	1	/	24.98	/	26.00
		1	137	/	24.68	/	26.00
		1	271	/	24.59	/	26.00
		135	0	/	23.84	/	25.00
		135	69	/	24.84	/	26.00
		135	138	/	23.75	/	25.00
	DFT-s-OFDM 16QAM	1	1	/	23.69	/	25.00
		1	1	/	22.25	/	23.50
1		1	/	20.15	/	21.50	
DFT-s-OFDM 256QAM	1	1	/	20.15	/	21.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
100MHz	CP-OFDM QPSK	1	1	/	22.58	/	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649668	650000	650334	
90MHz	DFT-s-OFDM QPSK	1	1	24.72	24.76	24.81	26.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649334	650000	650668	
80MHz	DFT-s-OFDM QPSK	1	1	24.70	24.81	24.75	26.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649000	650000	651000	
70MHz	DFT-s-OFDM QPSK	1	1	24.71	24.79	24.70	26.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648668	650000	651334	
60MHz	DFT-s-OFDM QPSK	1	1	24.77	24.73	24.75	26.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648334	650000	651668	
50MHz	DFT-s-OFDM QPSK	1	1	24.79	24.79	24.70	26.00

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648000	650000	652000	
<b>40MHz</b>	DFT-s-OFDM QPSK	1	1	24.79	24.78	24.79	26.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647668	650000	652334	
<b>30MHz</b>	DFT-s-OFDM QPSK	1	1	24.77	24.81	24.72	26.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647334	650000	652668	
<b>20MHz</b>	DFT-s-OFDM QPSK	1	1	24.77	24.76	24.76	26.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647168	650000	652832	
<b>15MHz</b>	DFT-s-OFDM QPSK	1	1	24.79	24.78	24.70	26.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647000	650000	653000	
<b>10MHz</b>	DFT-s-OFDM QPSK	1	1	24.73	24.75	24.74	26.00

N78 PC3 Full Power				Conducted Power(dBm)			
SCS 30kHz(3700~3800)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
				/	3750.00	/	
<b>100MHz</b>	DFT-s-OFDM PI/2 BPSK	1	1	/	23.71	/	25.00
		1	137	/	23.64	/	25.00
		1	271	/	23.63	/	25.00
		135	0	/	23.23	/	24.50
		135	69	/	23.88	/	25.00
		135	138	/	23.27	/	24.50
		270	0	/	23.30	/	24.50
	DFT-s-OFDM QPSK	1	1	/	23.98	/	25.00
		1	137	/	23.74	/	25.00
		1	271	/	23.63	/	25.00
		135	0	/	22.86	/	24.00
		135	69	/	23.93	/	25.00
		135	138	/	22.77	/	24.00
		270	0	/	22.73	/	24.00
	DFT-s-OFDM 16QAM	1	1	/	22.77	/	24.00
	DFT-s-OFDM 64QAM	1	1	/	21.16	/	22.50
	DFT-s-OFDM 256QAM	1	1	/	19.15	/	20.50
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
/					650000	/	
<b>100MHz</b>	CP-OFDM QPSK	1	1	/	21.61	/	22.50

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649668	650000	650334	
<b>90MHz</b>	DFT-s-OFDM QPSK	1	1	23.79	23.80	23.79	25.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649334	650000	650668	
<b>80MHz</b>	DFT-s-OFDM QPSK	1	1	23.78	23.73	23.80	25.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649000	650000	651000	
<b>70MHz</b>	DFT-s-OFDM QPSK	1	1	23.71	23.71	23.78	25.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648668	650000	651334	
<b>60MHz</b>	DFT-s-OFDM QPSK	1	1	23.77	23.79	23.70	25.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648334	650000	651668	
<b>50MHz</b>	DFT-s-OFDM QPSK	1	1	23.72	23.77	23.71	25.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648000	650000	652000	
<b>40MHz</b>	DFT-s-OFDM QPSK	1	1	23.74	23.77	23.77	25.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647668	650000	652334	
<b>30MHz</b>	DFT-s-OFDM QPSK	1	1	23.75	23.77	23.74	25.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647334	650000	652668	
<b>20MHz</b>	DFT-s-OFDM QPSK	1	1	23.71	23.76	23.77	25.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647168	650000	652832	
<b>15MHz</b>	DFT-s-OFDM QPSK	1	1	23.79	23.70	23.74	25.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647000	650000	653000	
<b>10MHz</b>	DFT-s-OFDM QPSK	1	1	23.76	23.77	23.75	25.00

N78 PC2 PC3 DSI3 DSI5				Conducted Power(dBm)			
SCS 30kHz(3700~3800)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
				/	3750.00	/	
<b>100MHz</b>	DFT-s-OFDM PI/2 BPSK	1	1	/	20.13	/	21.50
		1	137	/	20.24	/	21.50
		1	271	/	20.19	/	21.50
		135	0	/	20.22	/	21.50
		135	69	/	20.36	/	21.50

		135	138	/	20.10	/	21.50
		270	0	/	20.04	/	21.50
	DFT-s-OFDM QPSK	1	1	/	20.52	/	21.50
		1	137	/	20.21	/	21.50
		1	271	/	20.22	/	21.50
		135	0	/	20.22	/	21.50
		135	69	/	20.40	/	21.50
		135	138	/	20.23	/	21.50
		270	0	/	20.27	/	21.50
		DFT-s-OFDM 16QAM	1	1	/	20.24	/
	DFT-s-OFDM 64QAM	1	1	/	20.21	/	21.50
	DFT-s-OFDM 256QAM	1	1	/	19.13	/	20.50
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 650000	Channel /	Tune up
<b>100MHz</b>	CP-OFDM QPSK	1	1	/	20.18	/	21.50
Bandwidth	Modulation	RB size	RB offset	Channel 649668	Channel 650000	Channel 650334	Tune up
<b>90MHz</b>	DFT-s-OFDM QPSK	1	1	20.21	20.29	20.09	21.50
Bandwidth	Modulation	RB size	RB offset	Channel 649334	Channel 650000	Channel 650668	Tune up
<b>80MHz</b>	DFT-s-OFDM QPSK	1	1	20.13	20.22	20.10	21.50
Bandwidth	Modulation	RB size	RB offset	Channel 649000	Channel 650000	Channel 651000	Tune up
<b>70MHz</b>	DFT-s-OFDM QPSK	1	1	20.18	20.27	20.07	21.50
Bandwidth	Modulation	RB size	RB offset	Channel 648668	Channel 650000	Channel 651334	Tune up
<b>60MHz</b>	DFT-s-OFDM QPSK	1	1	20.21	20.25	20.08	21.50
Bandwidth	Modulation	RB size	RB offset	Channel 648334	Channel 650000	Channel 651668	Tune up
<b>50MHz</b>	DFT-s-OFDM QPSK	1	1	20.14	20.28	20.08	21.50
Bandwidth	Modulation	RB size	RB offset	Channel 648000	Channel 650000	Channel 652000	Tune up
<b>40MHz</b>	DFT-s-OFDM QPSK	1	1	20.19	20.24	20.06	21.50
Bandwidth	Modulation	RB size	RB offset	Channel 647668	Channel 650000	Channel 652334	Tune up
<b>30MHz</b>	DFT-s-OFDM QPSK	1	1	20.15	20.23	20.14	21.50
Bandwidth	Modulation	RB size	RB offset	Channel 647334	Channel 650000	Channel 652668	Tune up
<b>20MHz</b>	DFT-s-OFDM QPSK	1	1	20.13	20.24	20.07	21.50

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647168	650000	652832	
<b>15MHz</b>	DFT-s-OFDM QPSK	1	1	20.19	20.24	20.13	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647000	650000	653000	
<b>10MHz</b>	DFT-s-OFDM QPSK	1	1	20.19	20.30	20.11	21.50

N78 PC2 PC3 DS14				Conducted Power(dBm)				
SCS 30kHz(3700~3800)								
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				/	650000	/		
<b>100MHz</b>	DFT-s-OFDM PI/2 BPSK	1	1	/	3750.00	/		
		1	137	/	23.01	/	24.50	
		1	271	/	23.00	/	24.50	
		135	0	/	22.95	/	24.50	
		135	69	/	23.10	/	24.50	
		135	138	/	22.96	/	24.50	
		270	0	/	22.94	/	24.50	
	DFT-s-OFDM QPSK	1	1	/	23.26	/	24.50	
		1	137	/	22.88	/	24.50	
		1	271	/	22.94	/	24.50	
		135	0	/	22.59	/	24.00	
		135	69	/	22.94	/	24.50	
		135	138	/	22.50	/	24.00	
		270	0	/	22.64	/	24.00	
	DFT-s-OFDM 16QAM	1	1	/	22.53	/	24.00	
	DFT-s-OFDM 64QAM	1	1	/	21.00	/	22.50	
	DFT-s-OFDM 256QAM	1	1	/	18.97	/	20.50	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
	<b>100MHz</b>	CP-OFDM QPSK	1	1	/	650000	/	22.50
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
<b>90MHz</b>	DFT-s-OFDM QPSK	1	1	649668	650000	650334	24.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
<b>80MHz</b>	DFT-s-OFDM QPSK	1	1	649334	650000	650668	24.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
<b>70MHz</b>	DFT-s-OFDM QPSK	1	1	649000	650000	651000	24.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	

				648668	650000	651334	
<b>60MHz</b>	DFT-s-OFDM QPSK	1	1	23.13	23.07	23.12	24.50
Bandwidth	Modulation	RB size	RB offset	Channel 648334	Channel 650000	Channel 651668	Tune up
<b>50MHz</b>	DFT-s-OFDM QPSK	1	1	23.07	23.11	23.07	24.50
Bandwidth	Modulation	RB size	RB offset	Channel 648000	Channel 650000	Channel 652000	Tune up
<b>40MHz</b>	DFT-s-OFDM QPSK	1	1	23.06	23.07	23.13	24.50
Bandwidth	Modulation	RB size	RB offset	Channel 647668	Channel 650000	Channel 652334	Tune up
<b>30MHz</b>	DFT-s-OFDM QPSK	1	1	23.08	23.07	23.08	24.50
Bandwidth	Modulation	RB size	RB offset	Channel 647334	Channel 650000	Channel 652668	Tune up
<b>20MHz</b>	DFT-s-OFDM QPSK	1	1	23.06	23.12	23.12	24.50
Bandwidth	Modulation	RB size	RB offset	Channel 647168	Channel 650000	Channel 652832	Tune up
<b>15MHz</b>	DFT-s-OFDM QPSK	1	1	23.08	23.08	23.04	24.50
Bandwidth	Modulation	RB size	RB offset	Channel 647000	Channel 650000	Channel 653000	Tune up
<b>10MHz</b>	DFT-s-OFDM QPSK	1	1	23.09	23.08	23.12	24.50

### 13.10 Conducted Power of NR Antenna (Ant9)

N48 Full Power				Conducted Power(dBm)				
SCS 30kHz								
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				638000	641666	645332		
				3570	3624.99	3679.98		
<b>40MHz</b>	DFT-s-OFDM PI/2 BPSK	1	1	21.63	21.65	21.64	23.00	
		1	53	21.56	21.63	21.64	23.00	
		1	104	21.51	21.54	21.45	23.00	
		50	0	21.18	21.10	21.09	22.50	
		50	28	21.76	21.76	21.84	23.00	
		50	56	21.17	21.14	21.12	22.50	
	DFT-s-OFDM QPSK	1	1	21.85	21.89	21.80	23.00	
		1	53	21.58	21.62	21.61	23.00	
		1	104	21.53	21.54	21.49	23.00	
		50	0	20.70	20.69	20.76	22.00	
		50	28	21.83	21.75	21.75	23.00	
		50	56	20.61	20.63	20.66	22.00	
	DFT-s-OFDM 16QAM	1	1	20.61	20.72	20.63	22.00	
		DFT-s-OFDM 64QAM	1	1	20.60	20.60	20.67	22.00
		DFT-s-OFDM 256QAM	1	1	19.04	19.15	19.09	20.50
		DFT-s-OFDM 256QAM	1	1	17.09	17.14	17.12	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				638000	641666	645332		
<b>40MHz</b>	CP-OFDM QPSK	1	1	19.54	19.45	19.54	20.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				637668	641666	645666		
<b>30MHz</b>	DFT-s-OFDM QPSK	1	1	21.65	21.66	21.68	23.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				637334	641666	646000		
<b>20MHz</b>	DFT-s-OFDM QPSK	1	1	21.70	21.70	21.69	23.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				637168	641666	646166		



<b>15MHz</b>	DFT-s-OFDM QPSK	1	1	21.67	21.65	21.64	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				637000	641666	646332	
<b>10MHz</b>	DFT-s-OFDM QPSK	1	1	21.68	21.61	21.70	22.00

N48 DSI1				Conducted Power(dBm)			
SCS 30kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				638000	641666	645332	
				3570	3624.99	3679.98	
<b>40MHz</b>	DFT-s-OFDM PI/2 BPSK	1	1	15.51	15.59	15.44	17.00
		1	53	15.50	15.52	15.49	17.00
		1	104	15.47	15.61	15.55	17.00
		50	0	15.55	15.49	15.59	17.00
		50	28	15.52	15.51	15.44	17.00
		50	56	15.50	15.57	15.56	17.00
	DFT-s-OFDM QPSK	100	0	15.51	15.60	15.56	17.00
		1	1	15.86	16.02	15.97	17.00
		1	53	15.60	15.50	15.48	17.00
		1	104	15.52	15.56	15.43	17.00
		50	0	15.52	15.57	15.50	17.00
		50	28	15.68	15.75	15.73	17.00
	DFT-s-OFDM 16QAM	50	56	15.58	15.56	15.52	17.00
		100	0	15.53	15.59	15.51	17.00
		1	1	15.50	15.53	15.51	17.00
	DFT-s-OFDM 64QAM	1	1	15.52	15.50	15.55	17.00
	DFT-s-OFDM 256QAM	1	1	15.55	15.55	15.52	17.00
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				638000	641666	645332	
<b>40MHz</b>	CP-OFDM QPSK	1	1	15.55	15.51	15.60	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				637668	641666	645666	
<b>30MHz</b>	DFT-s-OFDM QPSK	1	1	15.56	15.50	15.55	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				637334	641666	646000	
<b>20MHz</b>	DFT-s-OFDM QPSK	1	1	15.50	15.53	15.59	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				637168	641666	646166	
<b>15MHz</b>	DFT-s-OFDM QPSK	1	1	15.51	15.52	15.51	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				637000	641666	646332	

<b>10MHz</b>	DFT-s-OFDM QPSK	1	1	15.48	15.46	15.52	17.00
--------------	-----------------	---	---	-------	-------	-------	-------

N48 DSI3				Conducted Power(dBm)			
SCS 30kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				638000	641666	645332	
				3570	3624.99	3679.98	
<b>40MHz</b>	DFT-s-OFDM PI/2 BPSK	1	1	16.16	16.18	16.08	17.50
		1	53	16.11	16.06	16.11	17.50
		1	104	16.12	16.16	16.16	17.50
		50	0	16.18	16.14	16.15	17.50
		50	28	16.15	16.14	16.10	17.50
		50	56	16.15	16.22	16.15	17.50
		100	0	16.14	16.17	16.18	17.50
	DFT-s-OFDM QPSK	1	1	16.45	16.58	16.54	17.50
		1	53	16.14	16.08	16.12	17.50
		1	104	16.13	16.13	16.10	17.50
		50	0	16.10	16.11	16.03	17.50
		50	28	16.34	16.39	16.36	17.50
		50	56	16.17	16.16	16.08	17.50
	DFT-s-OFDM 16QAM	1	1	16.16	16.06	16.16	17.50
		1	1	16.14	16.12	16.15	17.50
1		1	16.08	16.18	16.08	17.50	
DFT-s-OFDM 256QAM	1	1	16.08	16.18	16.08	17.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				638000	641666	645332	
<b>40MHz</b>	CP-OFDM QPSK	1	1	16.28	16.35	16.34	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				637668	641666	645666	
<b>30MHz</b>	DFT-s-OFDM QPSK	1	1	16.34	16.37	16.35	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				637334	641666	646000	
<b>20MHz</b>	DFT-s-OFDM QPSK	1	1	16.30	16.35	16.34	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				637168	641666	646166	
<b>15MHz</b>	DFT-s-OFDM QPSK	1	1	16.35	16.42	16.40	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				637000	641666	646332	
<b>10MHz</b>	DFT-s-OFDM QPSK	1	1	16.28	16.40	16.42	17.50

N48 DSI5				Conducted Power(dBm)			
----------	--	--	--	----------------------	--	--	--

SCS 30kHz				Channel	Channel	Channel	Tune up	
Bandwidth	Modulation	RB size	RB offset	638000	641666	645332		
				3570	3624.99	3679.98		
<b>40MHz</b>	DFT-s-OFDM PI/2 BPSK	1	1	14.91	14.92	14.90	16.50	
		1	53	14.95	14.92	14.93	16.50	
		1	104	14.92	14.96	14.93	16.50	
		50	0	14.93	14.92	14.95	16.50	
		50	28	14.90	14.94	14.92	16.50	
		50	56	14.96	14.96	14.96	16.50	
		100	0	14.90	14.98	14.96	16.50	
	DFT-s-OFDM QPSK	1	1	15.19	15.37	15.30	16.50	
		1	53	14.95	14.93	14.89	16.50	
		1	104	14.94	14.91	14.87	16.50	
		50	0	14.85	14.93	14.83	16.50	
		50	28	15.08	15.20	15.18	16.50	
		50	56	14.97	14.98	14.95	16.50	
			100	0	14.99	14.95	14.85	16.50
		DFT-s-OFDM 16QAM	1	1	14.93	14.88	14.92	16.50
	DFT-s-OFDM 64QAM	1	1	14.87	14.94	14.92	16.50	
	DFT-s-OFDM 256QAM	1	1	14.96	14.96	14.89	16.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				638000	641666	645332		
<b>40MHz</b>	CP-OFDM QPSK	1	1	15.07	15.16	15.22	16.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				637668	641666	645666		
<b>30MHz</b>	DFT-s-OFDM QPSK	1	1	15.12	15.23	15.22	16.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				637334	641666	646000		
<b>20MHz</b>	DFT-s-OFDM QPSK	1	1	15.13	15.17	15.21	16.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				637168	641666	646166		
<b>15MHz</b>	DFT-s-OFDM QPSK	1	1	15.14	15.22	15.14	16.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				637000	641666	646332		
<b>10MHz</b>	DFT-s-OFDM QPSK	1	1	15.08	15.15	15.20	16.50	

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

				/	3500	/	
<b>100MHz</b>	DFT-s-OFDM PI/2 BPSK	1	1	/	23.62	/	25.00
		1	137	/	23.56	/	25.00
		1	271	/	23.51	/	25.00
		135	0	/	23.16	/	24.50
		135	69	/	23.74	/	25.00
		135	138	/	23.18	/	24.50
		270	0	/	23.12	/	24.50
	DFT-s-OFDM QPSK	1	1	/	23.95	/	25.00
		1	137	/	23.62	/	25.00
		1	271	/	23.50	/	25.00
		135	0	/	22.71	/	24.00
		135	69	/	23.85	/	25.00
		135	138	/	22.63	/	24.00
		270	0	/	22.68	/	24.00
	DFT-s-OFDM 16QAM	1	1	/	22.66	/	24.00
	DFT-s-OFDM 64QAM	1	1	/	21.14	/	22.50
	DFT-s-OFDM 256QAM	1	1	/	19.09	/	20.50
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				/	633334	/	
<b>100MHz</b>	CP-OFDM QPSK	1	1	/	21.46	/	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				633000	633334	633668	
<b>90MHz</b>	DFT-s-OFDM QPSK	1	1	23.62	23.61	23.69	25.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632668	633334	634000	
<b>80MHz</b>	DFT-s-OFDM QPSK	1	1	23.64	23.67	23.68	25.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632334	633334	634332	
<b>70MHz</b>	DFT-s-OFDM QPSK	1	1	23.70	23.70	23.67	25.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	
<b>60MHz</b>	DFT-s-OFDM QPSK	1	1	23.67	23.62	23.63	25.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631668	633334	635000	
<b>50MHz</b>	DFT-s-OFDM QPSK	1	1	23.69	23.64	23.65	25.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
<b>40MHz</b>	DFT-s-OFDM QPSK	1	1	23.66	23.66	23.63	25.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631000	633334	635666	

<b>30MHz</b>	DFT-s-OFDM QPSK	1	1	23.67	23.70	23.68	25.00
Bandwidth	Modulation	RB size	RB offset	Channel 630668	Channel 633334	Channel 636000	Tune up
<b>20MHz</b>	DFT-s-OFDM QPSK	1	1	23.62	23.67	23.69	25.00
Bandwidth	Modulation	RB size	RB offset	Channel 630500	Channel 633334	Channel 636166	Tune up
<b>15MHz</b>	DFT-s-OFDM QPSK	1	1	23.66	23.60	23.64	25.00
Bandwidth	Modulation	RB size	RB offset	Channel 630334	Channel 633334	Channel 636332	Tune up
<b>10MHz</b>	DFT-s-OFDM QPSK	1	1	23.63	23.65	23.62	25.00

N77 PC3 Full Power				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500	/	
<b>100MHz</b>	DFT-s-OFDM PI/2 BPSK	1	1	/	22.74	/	24.00
		1	137	/	22.73	/	24.00
		1	271	/	22.63	/	24.00
		135	0	/	22.24	/	23.50
		135	69	/	22.91	/	24.00
		135	138	/	22.28	/	23.50
	DFT-s-OFDM QPSK	270	0	/	22.29	/	23.50
		1	1	/	22.97	/	24.00
		1	137	/	22.67	/	24.00
		1	271	/	22.54	/	24.00
		135	0	/	21.79	/	23.00
		135	69	/	22.93	/	24.00
	DFT-s-OFDM 16QAM	135	138	/	21.76	/	23.00
		270	0	/	21.81	/	23.00
		1	1	/	21.69	/	23.00
	DFT-s-OFDM 64QAM	1	1	/	20.17	/	21.50
DFT-s-OFDM 256QAM	1	1	/	18.17	/	19.50	
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 633334	Channel /	Tune up
<b>100MHz</b>	CP-OFDM QPSK	1	1	/	20.59	/	21.50
Bandwidth	Modulation	RB size	RB offset	Channel 633000	Channel 633334	Channel 633668	Tune up
<b>90MHz</b>	DFT-s-OFDM QPSK	1	1	22.80	22.78	22.77	24.00
Bandwidth	Modulation	RB size	RB offset	Channel 632668	Channel 633334	Channel 634000	Tune up

<b>80MHz</b>	DFT-s-OFDM QPSK	1	1	22.72	22.77	22.73	24.00
Bandwidth	Modulation	RB size	RB offset	Channel 632334	Channel 633334	Channel 634332	Tune up
<b>70MHz</b>	DFT-s-OFDM QPSK	1	1	22.75	22.77	22.75	24.00
Bandwidth	Modulation	RB size	RB offset	Channel 632000	Channel 633334	Channel 634668	Tune up
<b>60MHz</b>	DFT-s-OFDM QPSK	1	1	22.72	22.74	22.75	24.00
Bandwidth	Modulation	RB size	RB offset	Channel 631668	Channel 633334	Channel 635000	Tune up
<b>50MHz</b>	DFT-s-OFDM QPSK	1	1	22.73	22.73	22.75	24.00
Bandwidth	Modulation	RB size	RB offset	Channel 631334	Channel 633334	Channel 635334	Tune up
<b>40MHz</b>	DFT-s-OFDM QPSK	1	1	22.77	22.80	22.80	24.00
Bandwidth	Modulation	RB size	RB offset	Channel 631000	Channel 633334	Channel 635666	Tune up
<b>30MHz</b>	DFT-s-OFDM QPSK	1	1	22.78	22.72	22.80	24.00
Bandwidth	Modulation	RB size	RB offset	Channel 630668	Channel 633334	Channel 636000	Tune up
<b>20MHz</b>	DFT-s-OFDM QPSK	1	1	22.74	22.72	22.75	24.00
Bandwidth	Modulation	RB size	RB offset	Channel 630500	Channel 633334	Channel 636166	Tune up
<b>15MHz</b>	DFT-s-OFDM QPSK	1	1	22.80	22.77	22.73	24.00
Bandwidth	Modulation	RB size	RB offset	Channel 630334	Channel 633334	Channel 636332	Tune up
<b>10MHz</b>	DFT-s-OFDM QPSK	1	1	22.75	22.71	22.72	24.00

N77 PC2 PC3 DS1 DS4				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500	/	
<b>100MHz</b>	DFT-s-OFDM PI/2 BPSK	1	1	/	19.74	/	21.00
		1	137	/	19.74	/	21.00
		1	271	/	19.75	/	21.00
		135	0	/	19.68	/	21.00
		135	69	/	19.78	/	21.00
		135	138	/	19.74	/	21.00
	270	0	/	19.81	/	21.00	
	DFT-s-OFDM	1	1	/	20.19	/	21.00

	QPSK	1	137	/	19.69	/	21.00	
		1	271	/	19.79	/	21.00	
		135	0	/	19.74	/	21.00	
		135	69	/	20.00	/	21.00	
		135	138	/	19.78	/	21.00	
		270	0	/	19.80	/	21.00	
		DFT-s-OFDM 16QAM	1	1	/	19.69	/	21.00
		DFT-s-OFDM 64QAM	1	1	/	19.70	/	21.00
		DFT-s-OFDM 256QAM	1	1	/	18.13	/	19.50
	Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 633334	Channel /	Tune up
<b>100MHz</b>	CP-OFDM QPSK	1	1	/	19.80	/	21.00	
Bandwidth	Modulation	RB size	RB offset	Channel 633000	Channel 633334	Channel 633668	Tune up	
<b>90MHz</b>	DFT-s-OFDM QPSK	1	1	19.93	20.02	19.97	21.00	
Bandwidth	Modulation	RB size	RB offset	Channel 632668	Channel 633334	Channel 634000	Tune up	
<b>80MHz</b>	DFT-s-OFDM QPSK	1	1	19.87	19.95	19.95	21.00	
Bandwidth	Modulation	RB size	RB offset	Channel 632334	Channel 633334	Channel 634332	Tune up	
<b>70MHz</b>	DFT-s-OFDM QPSK	1	1	19.93	19.96	19.99	21.00	
Bandwidth	Modulation	RB size	RB offset	Channel 632000	Channel 633334	Channel 634668	Tune up	
<b>60MHz</b>	DFT-s-OFDM QPSK	1	1	19.88	19.98	19.93	21.00	
Bandwidth	Modulation	RB size	RB offset	Channel 631668	Channel 633334	Channel 635000	Tune up	
<b>50MHz</b>	DFT-s-OFDM QPSK	1	1	19.90	19.94	19.96	21.00	
Bandwidth	Modulation	RB size	RB offset	Channel 631334	Channel 633334	Channel 635334	Tune up	
<b>40MHz</b>	DFT-s-OFDM QPSK	1	1	19.88	19.98	20.01	21.00	
Bandwidth	Modulation	RB size	RB offset	Channel 631000	Channel 633334	Channel 635666	Tune up	
<b>30MHz</b>	DFT-s-OFDM QPSK	1	1	19.93	19.96	20.01	21.00	
Bandwidth	Modulation	RB size	RB offset	Channel 630668	Channel 633334	Channel 636000	Tune up	
<b>20MHz</b>	DFT-s-OFDM QPSK	1	1	19.93	19.94	19.98	21.00	
Bandwidth	Modulation	RB size	RB offset	Channel 630500	Channel 633334	Channel 636166	Tune up	

<b>15MHz</b>	DFT-s-OFDM QPSK	1	1	19.92	19.96	19.95	21.00
Bandwidth	Modulation	RB size	RB offset	Channel 630334	Channel 633334	Channel 636332	Tune up
<b>10MHz</b>	DFT-s-OFDM QPSK	1	1	19.90	20.02	19.95	21.00

N77 PC2 PC3 DSI3 DSI5				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500	/	
<b>100MHz</b>	DFT-s-OFDM PI/2 BPSK	1	1	/	16.30	/	17.50
		1	137	/	16.23	/	17.50
		1	271	/	16.28	/	17.50
		135	0	/	16.21	/	17.50
		135	69	/	16.22	/	17.50
		135	138	/	16.29	/	17.50
		270	0	/	16.30	/	17.50
	DFT-s-OFDM QPSK	1	1	/	16.70	/	17.50
		1	137	/	16.16	/	17.50
		1	271	/	16.22	/	17.50
		135	0	/	16.21	/	17.50
		135	69	/	16.48	/	17.50
		135	138	/	16.25	/	17.50
	DFT-s-OFDM 16QAM	1	1	/	16.18	/	17.50
		1	1	/	16.25	/	17.50
		1	1	/	16.27	/	17.50
	Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 633334	Channel /
<b>100MHz</b>	CP-OFDM QPSK	1	1	/	16.26	/	17.50
Bandwidth	Modulation	RB size	RB offset	Channel 633000	Channel 633334	Channel 633668	Tune up
<b>90MHz</b>	DFT-s-OFDM QPSK	1	1	16.39	16.47	16.43	17.50
Bandwidth	Modulation	RB size	RB offset	Channel 632668	Channel 633334	Channel 634000	Tune up
<b>80MHz</b>	DFT-s-OFDM QPSK	1	1	16.38	16.52	16.43	17.50
Bandwidth	Modulation	RB size	RB offset	Channel 632334	Channel 633334	Channel 634332	Tune up
<b>70MHz</b>	DFT-s-OFDM QPSK	1	1	16.41	16.48	16.45	17.50
Bandwidth	Modulation	RB size	RB offset	Channel 632000	Channel 633334	Channel 634668	Tune up



<b>60MHz</b>	DFT-s-OFDM QPSK	1	1	16.41	16.51	16.49	17.50
Bandwidth	Modulation	RB size	RB offset	Channel 631668	Channel 633334	Channel 635000	Tune up
<b>50MHz</b>	DFT-s-OFDM QPSK	1	1	16.38	16.48	16.48	17.50
Bandwidth	Modulation	RB size	RB offset	Channel 631334	Channel 633334	Channel 635334	Tune up
<b>40MHz</b>	DFT-s-OFDM QPSK	1	1	16.39	16.49	16.45	17.50
Bandwidth	Modulation	RB size	RB offset	Channel 631000	Channel 633334	Channel 635666	Tune up
<b>30MHz</b>	DFT-s-OFDM QPSK	1	1	16.41	16.52	16.45	17.50
Bandwidth	Modulation	RB size	RB offset	Channel 630668	Channel 633334	Channel 636000	Tune up
<b>20MHz</b>	DFT-s-OFDM QPSK	1	1	16.44	16.48	16.44	17.50
Bandwidth	Modulation	RB size	RB offset	Channel 630500	Channel 633334	Channel 636166	Tune up
<b>15MHz</b>	DFT-s-OFDM QPSK	1	1	16.40	16.50	16.48	17.50
Bandwidth	Modulation	RB size	RB offset	Channel 630334	Channel 633334	Channel 636332	Tune up
<b>10MHz</b>	DFT-s-OFDM QPSK	1	1	16.40	16.51	16.45	17.50

N77 PC2 Full Power				Conducted Power(dBm)			
SCS 30kHz(3700~3980)							
Bandwidth	Modulation	RB size	RB offset	Channel 650000	Channel 656000	Channel 662000	Tune up
<b>100MHz</b>	DFT-s-OFDM PI/2 BPSK	1	1	3750	3840	3930	25.50
		1	137	23.89	23.89	23.83	25.50
		1	271	23.84	23.81	23.75	25.50
		135	0	23.70	23.72	23.64	25.50
		135	69	23.29	23.34	23.30	25.00
		135	138	24.03	23.94	24.05	25.50
		270	0	23.29	23.35	23.30	25.00
	DFT-s-OFDM QPSK	1	1	24.07	24.12	24.02	25.50
		1	137	23.78	23.77	23.80	25.50
		1	271	23.72	23.72	23.65	25.50
		135	0	22.90	22.91	22.97	24.50
		135	69	24.04	24.00	23.97	25.50
		135	138	22.85	22.90	22.81	24.50
		270	0	22.90	22.90	22.91	24.50
	DFT-s-OFDM 16QAM	1	1	22.84	22.88	22.84	24.50
	DFT-s-OFDM 64QAM	1	1	21.32	21.25	21.33	23.00

	DFT-s-OFDM 256QAM	1	1	19.32	19.27	19.29	21.00
Bandwidth	Modulation	RB size	RB offset	Channel 650000	Channel 656000	Channel 662000	Tune up
<b>100MHz</b>	CP-OFDM QPSK	1	1	21.72	21.75	21.64	23.00
Bandwidth	Modulation	RB size	RB offset	Channel 649668	Channel 656000	Channel 662332	Tune up
<b>90MHz</b>	DFT-s-OFDM QPSK	1	1	23.87	23.86	23.87	25.50
Bandwidth	Modulation	RB size	RB offset	Channel 649334	Channel 656000	Channel 662666	Tune up
<b>80MHz</b>	DFT-s-OFDM QPSK	1	1	23.86	23.82	23.81	25.50
Bandwidth	Modulation	RB size	RB offset	Channel 649000	Channel 656000	Channel 663000	Tune up
<b>70MHz</b>	DFT-s-OFDM QPSK	1	1	23.88	23.90	23.81	25.50
Bandwidth	Modulation	RB size	RB offset	Channel 648668	Channel 656000	Channel 663332	Tune up
<b>60MHz</b>	DFT-s-OFDM QPSK	1	1	23.80	23.87	23.85	25.50
Bandwidth	Modulation	RB size	RB offset	Channel 648334	Channel 656000	Channel 663666	Tune up
<b>50MHz</b>	DFT-s-OFDM QPSK	1	1	23.89	23.87	23.83	25.50
Bandwidth	Modulation	RB size	RB offset	Channel 648000	Channel 656000	Channel 664000	Tune up
<b>40MHz</b>	DFT-s-OFDM QPSK	1	1	23.87	23.81	23.85	25.50
Bandwidth	Modulation	RB size	RB offset	Channel 647668	Channel 656000	Channel 664332	Tune up
<b>30MHz</b>	DFT-s-OFDM QPSK	1	1	23.81	23.84	23.87	25.50
Bandwidth	Modulation	RB size	RB offset	Channel 647334	Channel 656000	Channel 664666	Tune up
<b>20MHz</b>	DFT-s-OFDM QPSK	1	1	23.82	23.82	23.86	25.50
Bandwidth	Modulation	RB size	RB offset	Channel 647168	Channel 656000	Channel 664832	Tune up
<b>15MHz</b>	DFT-s-OFDM QPSK	1	1	23.81	23.81	23.80	25.50
Bandwidth	Modulation	RB size	RB offset	Channel 647000	Channel 656000	Channel 665000	Tune up
<b>10MHz</b>	DFT-s-OFDM QPSK	1	1	23.85	23.81	23.85	25.50

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

				650000	656000	662000	
				3750	3840	3930	
<b>100MHz</b>	DFT-s-OFDM PI/2 BPSK	1	1	22.71	22.76	22.75	24.50
		1	137	22.66	22.74	22.67	24.50
		1	271	22.58	22.64	22.61	24.50
		135	0	22.21	22.25	22.20	24.00
		135	69	22.90	22.90	22.87	24.50
		135	138	22.23	22.30	22.28	24.00
		270	0	22.31	22.30	22.22	24.00
	DFT-s-OFDM QPSK	1	1	23.00	23.10	22.98	24.50
		1	137	22.70	22.73	22.69	24.50
		1	271	22.60	22.60	22.64	24.50
		135	0	21.88	21.87	21.80	23.50
		135	69	22.92	22.89	22.86	24.50
		135	138	21.73	21.70	21.73	23.50
		270	0	21.72	21.75	21.78	23.50
	DFT-s-OFDM 16QAM	1	1	21.72	21.73	21.73	23.50
	DFT-s-OFDM 64QAM	1	1	20.21	20.19	20.22	22.00
	DFT-s-OFDM 256QAM	1	1	18.17	18.20	18.20	20.00
	Bandwidth	Modulation	RB size	RB offset	Channel 650000	Channel 656000	Channel 662000
<b>100MHz</b>	CP-OFDM QPSK	1	1	20.54	20.65	20.65	22.00
Bandwidth	Modulation	RB size	RB offset	Channel 649668	Channel 656000	Channel 662332	Tune up
<b>90MHz</b>	DFT-s-OFDM QPSK	1	1	22.81	22.79	22.71	24.50
Bandwidth	Modulation	RB size	RB offset	Channel 649334	Channel 656000	Channel 662666	Tune up
<b>80MHz</b>	DFT-s-OFDM QPSK	1	1	22.81	22.73	22.73	24.50
Bandwidth	Modulation	RB size	RB offset	Channel 649000	Channel 656000	Channel 663000	Tune up
<b>70MHz</b>	DFT-s-OFDM QPSK	1	1	22.70	22.74	22.72	24.50
Bandwidth	Modulation	RB size	RB offset	Channel 648668	Channel 656000	Channel 663332	Tune up
<b>60MHz</b>	DFT-s-OFDM QPSK	1	1	22.74	22.79	22.75	24.50
Bandwidth	Modulation	RB size	RB offset	Channel 648334	Channel 656000	Channel 663666	Tune up
<b>50MHz</b>	DFT-s-OFDM QPSK	1	1	22.73	22.75	22.72	24.50
Bandwidth	Modulation	RB size	RB offset	Channel 648000	Channel 656000	Channel 664000	Tune up
<b>40MHz</b>	DFT-s-OFDM QPSK	1	1	22.77	22.76	22.80	24.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up

				647668	656000	664332	
<b>30MHz</b>	DFT-s-OFDM QPSK	1	1	22.71	22.78	22.80	24.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647334	656000	664666	
<b>20MHz</b>	DFT-s-OFDM QPSK	1	1	22.80	22.80	22.79	24.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647168	656000	664832	
<b>15MHz</b>	DFT-s-OFDM QPSK	1	1	22.77	22.70	22.72	24.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647000	656000	665000	
<b>10MHz</b>	DFT-s-OFDM QPSK	1	1	22.73	22.78	22.71	24.50

N77 PC2 PC3 DS11 DS14				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	20.15	20.13	20.07	21.50	
		1	137	20.12	20.15	20.16	21.50	
		1	271	20.10	20.19	20.18	21.50	
		135	0	20.14	20.10	20.14	21.50	
		135	69	20.16	20.19	20.08	21.50	
		135	138	20.13	20.17	20.18	21.50	
	DFT-s-OFDM QPSK	270	0	20.09	20.21	20.18	21.50	
		1	1	20.42	20.56	20.55	21.50	
		1	137	20.13	20.13	20.09	21.50	
		1	271	20.14	20.12	20.11	21.50	
		135	0	20.09	20.13	20.06	21.50	
		135	69	20.27	20.38	20.35	21.50	
	DFT-s-OFDM 16QAM	64QAM	135	138	20.19	20.12	20.06	21.50
			270	0	20.19	20.18	20.09	21.50
			1	1	20.12	20.08	20.18	21.50
	DFT-s-OFDM 256QAM	1	1	18.44	18.52	18.51	20.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				650000	656000	662000		
<b>100MHz</b>	CP-OFDM QPSK	1	1	19.85	19.83	19.74	21.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				649668	656000	662332		
<b>90MHz</b>	DFT-s-OFDM QPSK	1	1	19.77	19.84	19.77	21.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	

				649334	656000	662666	
<b>80MHz</b>	DFT-s-OFDM QPSK	1	1	19.81	19.83	19.81	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649000	656000	663000	
<b>70MHz</b>	DFT-s-OFDM QPSK	1	1	19.83	19.87	19.77	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648668	656000	663332	
<b>60MHz</b>	DFT-s-OFDM QPSK	1	1	19.80	19.82	19.81	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648334	656000	663666	
<b>50MHz</b>	DFT-s-OFDM QPSK	1	1	19.82	19.84	19.80	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648000	656000	664000	
<b>40MHz</b>	DFT-s-OFDM QPSK	1	1	19.84	19.86	19.77	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647668	656000	664332	
<b>30MHz</b>	DFT-s-OFDM QPSK	1	1	19.84	19.87	19.80	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647334	656000	664666	
<b>20MHz</b>	DFT-s-OFDM QPSK	1	1	19.79	19.85	19.77	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647168	656000	664832	
<b>15MHz</b>	DFT-s-OFDM QPSK	1	1	19.81	19.88	19.76	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647000	656000	665000	
<b>10MHz</b>	DFT-s-OFDM QPSK	1	1	19.86	19.87	19.80	21.50

N77 PC2 PC3 DSI3 DSI5				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	16.76	16.78	16.73	18.00
		1	137	16.74	16.68	16.75	18.00
		1	271	16.68	16.80	16.75	18.00
		135	0	16.73	16.70	16.71	18.00
		135	69	16.67	16.77	16.69	18.00
		135	138	16.71	16.75	16.70	18.00
		270	0	16.74	16.76	16.76	18.00

	DFT-s-OFDM QPSK	1	1	17.01	17.17	17.12	18.00
		1	137	16.78	16.68	16.67	18.00
		1	271	16.76	16.73	16.70	18.00
		135	0	16.69	16.78	16.68	18.00
		135	69	16.90	17.00	16.96	18.00
		135	138	16.74	16.77	16.75	18.00
	270	0	16.74	16.81	16.70	18.00	
	DFT-s-OFDM 16QAM	1	1	16.75	16.72	16.78	18.00
	DFT-s-OFDM 64QAM	1	1	16.74	16.71	16.74	18.00
	DFT-s-OFDM 256QAM	1	1	16.72	16.81	16.71	18.00
Bandwidth	Modulation	RB size	RB offset	Channel 650000	Channel 656000	Channel 662000	Tune up
<b>100MHz</b>	CP-OFDM QPSK	1	1	16.63	16.69	16.69	18.00
Bandwidth	Modulation	RB size	RB offset	Channel 649668	Channel 656000	Channel 662332	Tune up
<b>90MHz</b>	DFT-s-OFDM QPSK	1	1	16.63	16.67	16.66	18.00
Bandwidth	Modulation	RB size	RB offset	Channel 649334	Channel 656000	Channel 662666	Tune up
<b>80MHz</b>	DFT-s-OFDM QPSK	1	1	16.58	16.64	16.68	18.00
Bandwidth	Modulation	RB size	RB offset	Channel 649000	Channel 656000	Channel 663000	Tune up
<b>70MHz</b>	DFT-s-OFDM QPSK	1	1	16.61	16.67	16.72	18.00
Bandwidth	Modulation	RB size	RB offset	Channel 648668	Channel 656000	Channel 663332	Tune up
<b>60MHz</b>	DFT-s-OFDM QPSK	1	1	16.62	16.67	16.69	18.00
Bandwidth	Modulation	RB size	RB offset	Channel 648334	Channel 656000	Channel 663666	Tune up
<b>50MHz</b>	DFT-s-OFDM QPSK	1	1	16.65	16.68	16.67	18.00
Bandwidth	Modulation	RB size	RB offset	Channel 648000	Channel 656000	Channel 664000	Tune up
<b>40MHz</b>	DFT-s-OFDM QPSK	1	1	16.63	16.67	16.65	18.00
Bandwidth	Modulation	RB size	RB offset	Channel 647668	Channel 656000	Channel 664332	Tune up
<b>30MHz</b>	DFT-s-OFDM QPSK	1	1	16.60	16.72	16.67	18.00
Bandwidth	Modulation	RB size	RB offset	Channel 647334	Channel 656000	Channel 664666	Tune up
<b>20MHz</b>	DFT-s-OFDM QPSK	1	1	16.63	16.68	16.66	18.00
Bandwidth	Modulation	RB size	RB offset	Channel 647168	Channel 656000	Channel 664832	Tune up

<b>15MHz</b>	DFT-s-OFDM QPSK	1	1	16.64	16.64	16.67	18.00
Bandwidth	Modulation	RB size	RB offset	Channel 647000	Channel 656000	Channel 665000	Tune up
<b>10MHz</b>	DFT-s-OFDM QPSK	1	1	16.65	16.69	16.68	18.00

N78 PC2 Full Power				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500	/	
<b>100MHz</b>	DFT-s-OFDM PI/2 BPSK	1	1	/	23.80	/	25.50
		1	137	/	23.76	/	25.50
		1	271	/	23.72	/	25.50
		135	0	/	23.32	/	25.00
		135	69	/	23.99	/	25.50
		135	138	/	23.32	/	25.00
		270	0	/	23.38	/	25.00
	DFT-s-OFDM QPSK	1	1	/	24.09	/	25.50
		1	137	/	23.75	/	25.50
		1	271	/	23.75	/	25.50
		135	0	/	22.88	/	24.50
		135	69	/	23.96	/	25.50
		135	138	/	22.85	/	24.50
		270	0	/	22.89	/	24.50
	DFT-s-OFDM 16QAM	1	1	/	22.82	/	24.50
	DFT-s-OFDM 64QAM	1	1	/	21.29	/	23.00
	DFT-s-OFDM 256QAM	1	1	/	19.34	/	21.00
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 633334	Channel /	Tune up
<b>100MHz</b>	CP-OFDM QPSK	1	1	/	21.71	/	23.00
Bandwidth	Modulation	RB size	RB offset	Channel 633000	Channel 633334	Channel 633668	Tune up
<b>90MHz</b>	DFT-s-OFDM QPSK	1	1	23.83	23.88	23.83	25.50
Bandwidth	Modulation	RB size	RB offset	Channel 632668	Channel 633334	Channel 634000	Tune up
<b>80MHz</b>	DFT-s-OFDM QPSK	1	1	23.87	23.87	23.91	25.50
Bandwidth	Modulation	RB size	RB offset	Channel 632334	Channel 633334	Channel 634332	Tune up

<b>70MHz</b>	DFT-s-OFDM QPSK	1	1	23.85	23.89	23.85	25.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	
<b>60MHz</b>	DFT-s-OFDM QPSK	1	1	23.86	23.84	23.91	25.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631668	633334	635000	
<b>50MHz</b>	DFT-s-OFDM QPSK	1	1	23.86	23.82	23.86	25.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
<b>40MHz</b>	DFT-s-OFDM QPSK	1	1	23.86	23.88	23.87	25.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631000	633334	635668	
<b>30MHz</b>	DFT-s-OFDM QPSK	1	1	23.88	23.82	23.89	25.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
<b>20MHz</b>	DFT-s-OFDM QPSK	1	1	23.81	23.89	23.82	25.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630500	633334	636166	
<b>15MHz</b>	DFT-s-OFDM QPSK	1	1	23.90	23.82	23.80	25.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630334	633334	636332	
<b>10MHz</b>	DFT-s-OFDM QPSK	1	1	23.86	23.84	23.89	25.50

N78 PC3 Full Power				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500	/	
<b>100MHz</b>	DFT-s-OFDM PI/2 BPSK	1	1	/	22.85	/	24.00
		1	137	/	22.75	/	24.00
		1	271	/	22.69	/	24.00
		135	0	/	22.34	/	23.50
		135	69	/	22.98	/	24.00
		135	138	/	22.36	/	23.50
		270	0	/	22.34	/	23.50
	DFT-s-OFDM QPSK	1	1	/	23.08	/	24.00
		1	137	/	22.80	/	24.00
		1	271	/	22.72	/	24.00
		135	0	/	21.93	/	23.00
		135	69	/	23.00	/	24.00
		135	138	/	21.88	/	23.00
		270	0	/	21.92	/	23.00



	DFT-s-OFDM 16QAM	1	1	/	21.82	/	23.00
	DFT-s-OFDM 64QAM	1	1	/	20.29	/	21.50
	DFT-s-OFDM 256QAM	1	1	/	18.31	/	19.50
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 633334	Channel /	Tune up
<b>100MHz</b>	CP-OFDM QPSK	1	1	/	20.66	/	21.50
Bandwidth	Modulation	RB size	RB offset	Channel 633000	Channel 633334	Channel 633668	Tune up
<b>90MHz</b>	DFT-s-OFDM QPSK	1	1	22.84	22.84	22.85	24.00
Bandwidth	Modulation	RB size	RB offset	Channel 632668	Channel 633334	Channel 634000	Tune up
<b>80MHz</b>	DFT-s-OFDM QPSK	1	1	22.90	22.83	22.86	24.00
Bandwidth	Modulation	RB size	RB offset	Channel 632334	Channel 633334	Channel 634332	Tune up
<b>70MHz</b>	DFT-s-OFDM QPSK	1	1	22.87	22.85	22.89	24.00
Bandwidth	Modulation	RB size	RB offset	Channel 632000	Channel 633334	Channel 634668	Tune up
<b>60MHz</b>	DFT-s-OFDM QPSK	1	1	22.90	22.81	22.82	24.00
Bandwidth	Modulation	RB size	RB offset	Channel 631668	Channel 633334	Channel 635000	Tune up
<b>50MHz</b>	DFT-s-OFDM QPSK	1	1	22.83	22.89	22.81	24.00
Bandwidth	Modulation	RB size	RB offset	Channel 631334	Channel 633334	Channel 635334	Tune up
<b>40MHz</b>	DFT-s-OFDM QPSK	1	1	22.87	22.89	22.83	24.00
Bandwidth	Modulation	RB size	RB offset	Channel 631000	Channel 633334	Channel 635668	Tune up
<b>30MHz</b>	DFT-s-OFDM QPSK	1	1	22.86	22.87	22.80	24.00
Bandwidth	Modulation	RB size	RB offset	Channel 630668	Channel 633334	Channel 636000	Tune up
<b>20MHz</b>	DFT-s-OFDM QPSK	1	1	22.80	22.80	22.84	24.00
Bandwidth	Modulation	RB size	RB offset	Channel 630500	Channel 633334	Channel 636166	Tune up
<b>15MHz</b>	DFT-s-OFDM QPSK	1	1	22.81	22.85	22.85	24.00
Bandwidth	Modulation	RB size	RB offset	Channel 630334	Channel 633334	Channel 636332	Tune up
<b>10MHz</b>	DFT-s-OFDM QPSK	1	1	22.90	22.87	22.82	24.00



				631334	633334	635334	
<b>40MHz</b>	DFT-s-OFDM QPSK	1	1	19.89	19.97	19.93	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631000	633334	635668	
<b>30MHz</b>	DFT-s-OFDM QPSK	1	1	19.92	19.95	20.01	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
<b>20MHz</b>	DFT-s-OFDM QPSK	1	1	19.96	19.96	20.01	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630500	633334	636166	
<b>15MHz</b>	DFT-s-OFDM QPSK	1	1	19.89	19.99	19.97	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630334	633334	636332	
<b>10MHz</b>	DFT-s-OFDM QPSK	1	1	19.96	19.99	20.01	21.00

<b>N78 PC2 PC3 DSI3 DSI5</b>				<b>Conducted Power(dBm)</b>			
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	/	15.38	/	16.50
		1	137	/	15.30	/	16.50
		1	271	/	15.35	/	16.50
		135	0	/	15.33	/	16.50
		135	69	/	15.40	/	16.50
		135	138	/	15.38	/	16.50
		270	0	/	15.39	/	16.50
	DFT-s-OFDM QPSK	1	1	/	15.82	/	16.50
		1	137	/	15.35	/	16.50
		1	271	/	15.35	/	16.50
		135	0	/	15.35	/	16.50
		135	69	/	15.59	/	16.50
		135	138	/	15.35	/	16.50
		270	0	/	15.38	/	16.50
	DFT-s-OFDM 16QAM	1	1	/	15.28	/	16.50
	DFT-s-OFDM 64QAM	1	1	/	15.37	/	16.50
DFT-s-OFDM 256QAM	1	1	/	15.38	/	16.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
<b>100MHz</b>	CP-OFDM QPSK	1	1	/	15.62	/	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up

				633000	633334	633668	
<b>90MHz</b>	DFT-s-OFDM QPSK	1	1	15.54	15.54	15.59	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632668	633334	634000	
<b>80MHz</b>	DFT-s-OFDM QPSK	1	1	15.56	15.60	15.59	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632334	633334	634332	
<b>70MHz</b>	DFT-s-OFDM QPSK	1	1	15.50	15.55	15.59	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	
<b>60MHz</b>	DFT-s-OFDM QPSK	1	1	15.53	15.55	15.62	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631668	633334	635000	
<b>50MHz</b>	DFT-s-OFDM QPSK	1	1	15.49	15.62	15.58	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
<b>40MHz</b>	DFT-s-OFDM QPSK	1	1	15.54	15.56	15.58	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631000	633334	635668	
<b>30MHz</b>	DFT-s-OFDM QPSK	1	1	15.49	15.59	15.62	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
<b>20MHz</b>	DFT-s-OFDM QPSK	1	1	15.51	15.60	15.58	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630500	633334	636166	
<b>15MHz</b>	DFT-s-OFDM QPSK	1	1	15.51	15.60	15.59	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630334	633334	636332	
<b>10MHz</b>	DFT-s-OFDM QPSK	1	1	15.54	15.62	15.55	16.50

N78 PC2 Full Power				Conducted Power(dBm)			
SCS 30kHz(3700~3800)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
				/	3750.00	/	
<b>100MHz</b>	DFT-s-OFDM PI/2 BPSK	1	1	/	23.84	/	25.50
		1	137	/	23.83	/	25.50
		1	271	/	23.67	/	25.50
		135	0	/	23.28	/	25.00

		135	69	/	24.01	/	25.50
		135	138	/	23.39	/	25.00
		270	0	/	23.35	/	25.00
	DFT-s-OFDM QPSK	1	1	/	24.08	/	25.50
		1	137	/	23.84	/	25.50
		1	271	/	23.70	/	25.50
		135	0	/	22.93	/	24.50
		135	69	/	24.03	/	25.50
		135	138	/	22.80	/	24.50
		270	0	/	22.83	/	24.50
	DFT-s-OFDM 16QAM	1	1	/	22.80	/	24.50
	DFT-s-OFDM 64QAM	1	1	/	21.32	/	23.00
	DFT-s-OFDM 256QAM	1	1	/	19.25	/	21.00
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 650000	Channel /	Tune up
<b>100MHz</b>	CP-OFDM QPSK	1	1	/	21.65	/	23.00
Bandwidth	Modulation	RB size	RB offset	Channel 649668	Channel 650000	Channel 650334	Tune up
<b>90MHz</b>	DFT-s-OFDM QPSK	1	1	23.84	23.89	23.87	25.50
Bandwidth	Modulation	RB size	RB offset	Channel 649334	Channel 650000	Channel 650668	Tune up
<b>80MHz</b>	DFT-s-OFDM QPSK	1	1	23.88	23.87	23.89	25.50
Bandwidth	Modulation	RB size	RB offset	Channel 649000	Channel 650000	Channel 651000	Tune up
<b>70MHz</b>	DFT-s-OFDM QPSK	1	1	23.90	23.81	23.85	25.50
Bandwidth	Modulation	RB size	RB offset	Channel 648668	Channel 650000	Channel 651334	Tune up
<b>60MHz</b>	DFT-s-OFDM QPSK	1	1	23.81	23.84	23.83	25.50
Bandwidth	Modulation	RB size	RB offset	Channel 648334	Channel 650000	Channel 651668	Tune up
<b>50MHz</b>	DFT-s-OFDM QPSK	1	1	23.82	23.80	23.87	25.50
Bandwidth	Modulation	RB size	RB offset	Channel 648000	Channel 650000	Channel 652000	Tune up
<b>40MHz</b>	DFT-s-OFDM QPSK	1	1	23.87	23.86	23.90	25.50
Bandwidth	Modulation	RB size	RB offset	Channel 647668	Channel 650000	Channel 652334	Tune up
<b>30MHz</b>	DFT-s-OFDM QPSK	1	1	23.82	23.80	23.80	25.50
Bandwidth	Modulation	RB size	RB offset	Channel 647334	Channel 650000	Channel 652668	Tune up

<b>20MHz</b>	DFT-s-OFDM QPSK	1	1	23.80	23.85	23.90	25.50
Bandwidth	Modulation	RB size	RB offset	Channel 647168	Channel 650000	Channel 652832	Tune up
<b>15MHz</b>	DFT-s-OFDM QPSK	1	1	23.90	23.81	23.91	25.50
Bandwidth	Modulation	RB size	RB offset	Channel 647000	Channel 650000	Channel 653000	Tune up
<b>10MHz</b>	DFT-s-OFDM QPSK	1	1	23.88	23.86	23.88	25.50

N78 PC3 Full Power				Conducted Power(dBm)			
SCS 30kHz(3700~3800)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
				/	3750.00	/	
<b>100MHz</b>	DFT-s-OFDM PI/2 BPSK	1	1	/	22.85	/	24.00
		1	137	/	22.85	/	24.00
		1	271	/	22.69	/	24.00
		135	0	/	22.29	/	23.50
		135	69	/	22.96	/	24.00
		135	138	/	22.30	/	23.50
	DFT-s-OFDM QPSK	270	0	/	22.36	/	23.50
		1	1	/	23.03	/	24.00
		1	137	/	22.78	/	24.00
		1	271	/	22.67	/	24.00
		135	0	/	21.97	/	23.00
		135	69	/	22.99	/	24.00
	DFT-s-OFDM 16QAM	135	138	/	21.88	/	23.00
		270	0	/	21.89	/	23.00
		1	1	/	21.79	/	23.00
	DFT-s-OFDM 64QAM	1	1	/	20.25	/	21.50
	DFT-s-OFDM 256QAM	1	1	/	18.26	/	19.50
	Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 650000	Channel /
<b>100MHz</b>	CP-OFDM QPSK	1	1	/	20.74	/	21.50
Bandwidth	Modulation	RB size	RB offset	Channel 649668	Channel 650000	Channel 650334	Tune up
<b>90MHz</b>	DFT-s-OFDM QPSK	1	1	22.86	22.83	22.84	24.00
Bandwidth	Modulation	RB size	RB offset	Channel 649334	Channel 650000	Channel 650668	Tune up
<b>80MHz</b>	DFT-s-OFDM QPSK	1	1	22.86	22.91	22.87	24.00
Bandwidth	Modulation	RB size	RB offset	Channel 649000	Channel 650000	Channel 651000	Tune up

<b>70MHz</b>	DFT-s-OFDM QPSK	1	1	22.86	22.89	22.91	24.00
Bandwidth	Modulation	RB size	RB offset	Channel 648668	Channel 650000	Channel 651334	Tune up
<b>60MHz</b>	DFT-s-OFDM QPSK	1	1	22.83	22.84	22.82	24.00
Bandwidth	Modulation	RB size	RB offset	Channel 648334	Channel 650000	Channel 651668	Tune up
<b>50MHz</b>	DFT-s-OFDM QPSK	1	1	22.80	22.83	22.90	24.00
Bandwidth	Modulation	RB size	RB offset	Channel 648000	Channel 650000	Channel 652000	Tune up
<b>40MHz</b>	DFT-s-OFDM QPSK	1	1	22.89	22.84	22.90	24.00
Bandwidth	Modulation	RB size	RB offset	Channel 647668	Channel 650000	Channel 652334	Tune up
<b>30MHz</b>	DFT-s-OFDM QPSK	1	1	22.81	22.84	22.84	24.00
Bandwidth	Modulation	RB size	RB offset	Channel 647334	Channel 650000	Channel 652668	Tune up
<b>20MHz</b>	DFT-s-OFDM QPSK	1	1	22.85	22.80	22.89	24.00
Bandwidth	Modulation	RB size	RB offset	Channel 647168	Channel 650000	Channel 652832	Tune up
<b>15MHz</b>	DFT-s-OFDM QPSK	1	1	22.83	22.87	22.87	24.00
Bandwidth	Modulation	RB size	RB offset	Channel 647000	Channel 650000	Channel 653000	Tune up
<b>10MHz</b>	DFT-s-OFDM QPSK	1	1	22.80	22.90	22.86	24.00

N78 PC2 PC3 DS1 DS4				Conducted Power(dBm)			
SCS 30kHz(3700~3800)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
				/	3750.00	/	
<b>100MHz</b>	DFT-s-OFDM PI/2 BPSK	1	1	/	19.75	/	21.00
		1	137	/	19.69	/	21.00
		1	271	/	19.73	/	21.00
		135	0	/	19.70	/	21.00
		135	69	/	19.79	/	21.00
		135	138	/	19.77	/	21.00
		270	0	/	19.75	/	21.00
	DFT-s-OFDM QPSK	1	1	/	20.19	/	21.00
		1	137	/	19.72	/	21.00
		1	271	/	19.79	/	21.00
		135	0	/	19.71	/	21.00
		135	69	/	20.01	/	21.00
		135	138	/	19.77	/	21.00
		270	0	/	19.78	/	21.00

	DFT-s-OFDM 16QAM	1	1	/	19.69	/	21.00
	DFT-s-OFDM 64QAM	1	1	/	19.72	/	21.00
	DFT-s-OFDM 256QAM	1	1	/	18.22	/	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
<b>100MHz</b>	CP-OFDM QPSK	1	1	/	19.94	/	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649668	650000	650334	
<b>90MHz</b>	DFT-s-OFDM QPSK	1	1	19.89	19.97	19.94	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649334	650000	650668	
<b>80MHz</b>	DFT-s-OFDM QPSK	1	1	19.93	20.01	19.98	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649000	650000	651000	
<b>70MHz</b>	DFT-s-OFDM QPSK	1	1	19.90	19.96	19.98	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648668	650000	651334	
<b>60MHz</b>	DFT-s-OFDM QPSK	1	1	19.91	19.97	19.96	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648334	650000	651668	
<b>50MHz</b>	DFT-s-OFDM QPSK	1	1	19.92	19.96	20.01	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648000	650000	652000	
<b>40MHz</b>	DFT-s-OFDM QPSK	1	1	19.87	19.94	19.94	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647668	650000	652334	
<b>30MHz</b>	DFT-s-OFDM QPSK	1	1	19.94	19.99	20.00	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647334	650000	652668	
<b>20MHz</b>	DFT-s-OFDM QPSK	1	1	19.90	19.98	19.96	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647168	650000	652832	
<b>15MHz</b>	DFT-s-OFDM QPSK	1	1	19.93	19.98	19.95	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647000	650000	653000	
<b>10MHz</b>	DFT-s-OFDM QPSK	1	1	19.94	20.02	19.94	21.00



N78 PC2 PC3 DSI3 DSI5				Conducted Power(dBm)			
SCS 30kHz(3700~3800)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
				/	3750.00	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	15.42	/	16.50
		1	137	/	15.43	/	16.50
		1	271	/	15.51	/	16.50
		135	0	/	15.44	/	16.50
		135	69	/	15.42	/	16.50
		135	138	/	15.51	/	16.50
		270	0	/	15.51	/	16.50
	DFT-s-OFDM QPSK	1	1	/	15.89	/	16.50
		1	137	/	15.42	/	16.50
		1	271	/	15.47	/	16.50
		135	0	/	15.40	/	16.50
		135	69	/	15.71	/	16.50
		135	138	/	15.48	/	16.50
		270	0	/	15.49	/	16.50
	DFT-s-OFDM 16QAM	1	1	/	15.39	/	16.50
	DFT-s-OFDM 64QAM	1	1	/	15.48	/	16.50
	DFT-s-OFDM 256QAM	1	1	/	15.45	/	16.50
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				/	650000	/	
100MHz	CP-OFDM QPSK	1	1	/	15.70	/	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649668	650000	650334	
90MHz	DFT-s-OFDM QPSK	1	1	15.59	15.69	15.71	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649334	650000	650668	
80MHz	DFT-s-OFDM QPSK	1	1	15.57	15.72	15.65	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649000	650000	651000	
70MHz	DFT-s-OFDM QPSK	1	1	15.57	15.67	15.71	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648668	650000	651334	
60MHz	DFT-s-OFDM QPSK	1	1	15.60	15.70	15.70	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648334	650000	651668	
50MHz	DFT-s-OFDM QPSK	1	1	15.60	15.72	15.71	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up



				648000	650000	652000	
<b>40MHz</b>	DFT-s-OFDM QPSK	1	1	15.64	15.71	15.72	16.50
Bandwidth	Modulation	RB size	RB offset	Channel 647668	Channel 650000	Channel 652334	Tune up
<b>30MHz</b>	DFT-s-OFDM QPSK	1	1	15.57	15.65	15.64	16.50
Bandwidth	Modulation	RB size	RB offset	Channel 647334	Channel 650000	Channel 652668	Tune up
<b>20MHz</b>	DFT-s-OFDM QPSK	1	1	15.64	15.73	15.68	16.50
Bandwidth	Modulation	RB size	RB offset	Channel 647168	Channel 650000	Channel 652832	Tune up
<b>15MHz</b>	DFT-s-OFDM QPSK	1	1	15.63	15.68	15.68	16.50
Bandwidth	Modulation	RB size	RB offset	Channel 647000	Channel 650000	Channel 653000	Tune up
<b>10MHz</b>	DFT-s-OFDM QPSK	1	1	15.58	15.73	15.65	16.50

## 14 Conducted Power of WiFi and Bluetooth

### 14.1 Conducted Power of WIFI

WIFI 2.4G Full Power and Body-worn Standalone&DBS							
Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm) Ant6	Average Power (dBm) Ant7	Average Power (dBm) MIMO	Tune up(dBm) MIMO
802.11b	1	2412	1	19.43	19.27	22.36	23.00
	6	2437		19.45	19.38	22.43	23.00
	11	2462		19.19	19.32	22.27	23.00
802.11g	1	2412	6	17.43	17.32	20.39	21.00
	6	2437		17.32	17.31	20.33	21.00
	11	2462		17.16	17.39	20.29	21.00
802.11n HT20	1	2412	MCS0	17.86	17.84	20.86	21.50
	6	2437		17.81	18.06	20.95	21.50
	11	2462		17.98	18.13	21.07	21.50
802.11n HT40	3	2422	MCS0	16.00	16.23	19.13	20.00
	6	2437		16.13	16.31	19.23	20.00
	9	2452		16.01	16.13	19.08	20.00
802.11AC 20	1	2412	MCS0	17.29	17.30	20.31	21.50
	6	2437		17.46	17.50	20.49	21.50
	11	2462		17.50	17.57	20.55	21.50
802.11AC 40	3	2422	MCS0	16.03	16.23	19.14	20.00
	6	2437		16.10	16.26	19.19	20.00
	9	2452		16.13	16.29	19.22	20.00
802.11AX 20	1	2412	MCS0	16.01	16.05	19.04	20.00
	6	2437		16.10	16.18	19.15	20.00
	11	2462		16.15	16.13	19.15	20.00
802.11AX 40	3	2422	MCS0	16.52	16.70	19.62	20.50
	6	2437		16.59	16.71	19.66	20.50
	9	2452		16.51	16.69	19.61	20.50
802.11BE 20	1	2412	MCS0	16.04	16.09	19.08	20.00
	6	2437		16.13	16.21	19.18	20.00
	11	2462		16.19	16.19	19.20	20.00
802.11BE 40	3	2422	MCS0	16.53	16.73	19.64	20.50
	6	2437		16.63	16.78	19.72	20.50
	9	2452		16.55	16.74	19.66	20.50

WIFI 2.4G Head Standalone and Body-worn&Handheld DBS Simultaneous							
Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm) Ant6	Average Power (dBm) Ant7	Average Power (dBm) MIMO	Tune up(dBm) MIMO
802.11b	1	2412	1	12.78	12.75	15.78	16.50
	6	2437		12.92	12.85	15.90	16.50
	11	2462		12.64	12.81	15.74	16.50
802.11g	1	2412	6	12.76	12.62	15.70	16.50
	6	2437		12.67	12.66	15.68	16.50
	11	2462		12.46	12.77	15.63	16.50
802.11n HT20	1	2412	mcs0	12.96	12.78	15.88	16.50
	6	2437		12.76	12.91	15.85	16.50
	11	2462		12.79	12.85	15.83	16.50
802.11n HT40	3	2422	mcs0	12.45	12.59	15.53	16.50
	6	2437		12.56	12.65	15.62	16.50
	9	2452		12.42	12.49	15.47	16.50
802.11AC 20	1	2412	mcs0	12.79	12.58	15.70	16.50
	6	2437		12.88	12.81	15.86	16.50
	11	2462		12.82	12.99	15.92	16.50
802.11AC 40	3	2422	mcs0	12.47	12.56	15.53	16.50
	6	2437		12.54	12.66	15.61	16.50
	9	2452		12.42	12.69	15.57	16.50
802.11AX 20	1	2412	mcs0	12.83	12.78	15.82	16.50
	6	2437		12.88	12.80	15.85	16.50
	11	2462		12.84	12.98	15.92	16.50
802.11AX 40	3	2422	mcs0	12.58	12.72	15.66	16.50
	6	2437		12.55	12.70	15.64	16.50
	9	2452		12.41	12.68	15.56	16.50
802.11BE 20	1	2412	mcs0	12.77	12.76	15.78	16.50
	6	2437		12.96	12.93	15.96	16.50
	11	2462		12.93	13.09	16.02	16.50
802.11BE 40	3	2422	mcs0	12.53	12.75	15.65	16.50
	6	2437		12.47	12.59	15.54	16.50
	9	2452		12.54	12.59	15.58	16.50

WIFI 2.4G Head Simultaneous							
Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm) Ant6	Average Power (dBm) Ant7	Average Power (dBm) MIMO	Tune up(dBm) MIMO
802.11b	1	2412	1	9.40	9.22	12.32	13.00
	6	2437		9.27	9.27	12.28	13.00
	11	2462		9.08	9.17	12.14	13.00
802.11g	1	2412	6	9.29	9.07	12.19	13.00

	6	2437		9.20	9.28	12.25	13.00
	11	2462		9.07	9.32	12.21	13.00
802.11n HT20	1	2412	mcs0	9.47	9.26	12.38	13.00
	6	2437		9.36	9.26	12.32	13.00
	11	2462		9.33	9.40	12.38	13.00
802.11n HT40	3	2422	mcs0	8.97	9.10	12.05	13.00
	6	2437		8.98	9.14	12.07	13.00
	9	2452		8.82	9.12	11.98	13.00
802.11AC 20	1	2412	mcs0	9.35	9.05	12.21	13.00
	6	2437		9.35	9.34	12.36	13.00
	11	2462		9.25	9.42	12.35	13.00
802.11AC 40	3	2422	mcs0	8.88	9.05	11.98	13.00
	6	2437		9.00	9.12	12.07	13.00
	9	2452		9.06	9.02	12.05	13.00
802.11AX 20	1	2412	mcs0	9.37	9.12	12.26	13.00
	6	2437		9.36	9.41	12.40	13.00
	11	2462		9.30	9.44	12.38	13.00
802.11AX 40	3	2422	mcs0	9.04	9.20	12.13	13.00
	6	2437		9.10	9.12	12.12	13.00
	9	2452		8.97	9.17	12.08	13.00
802.11BE 20	1	2412	mcs0	9.29	9.18	12.25	13.00
	6	2437		9.30	9.43	12.38	13.00
	11	2462		9.30	9.43	12.38	13.00
802.11BE 40	3	2422	mcs0	9.10	9.14	12.13	13.00
	6	2437		9.07	9.24	12.17	13.00
	9	2452		9.11	9.07	12.10	13.00

WIFI 2.4G Head DBS							
Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm) Ant6	Average Power (dBm) Ant7	Average Power (dBm) MIMO	Tune up(dBm) MIMO
802.11b	1	2412	1	11.29	11.12	14.22	15.00
	6	2437		11.27	11.22	14.26	15.00
	11	2462		11.06	11.14	14.11	15.00
802.11g	1	2412	6	11.29	11.14	14.23	15.00
	6	2437		11.29	11.30	14.31	15.00
	11	2462		10.96	11.24	14.11	15.00
802.11n HT20	1	2412	mcs0	11.46	11.29	14.39	15.00
	6	2437		11.22	11.46	14.35	15.00
	11	2462		11.40	11.37	14.40	15.00
802.11n HT40	3	2422	mcs0	11.02	11.17	14.11	15.00
	6	2437		11.07	11.29	14.19	15.00

	9	2452		10.84	10.98	13.92	15.00
802.11AC 20	1	2412	mcs0	11.28	11.03	14.17	15.00
	6	2437		11.38	11.31	14.36	15.00
	11	2462		11.36	11.48	14.43	15.00
802.11AC 40	3	2422	mcs0	11.01	11.04	14.04	15.00
	6	2437		10.97	11.21	14.10	15.00
	9	2452		10.97	11.04	14.02	15.00
802.11AX 20	1	2412	mcs0	11.27	11.16	14.23	15.00
	6	2437		11.44	11.36	14.41	15.00
	11	2462		11.38	11.58	14.49	15.00
802.11AX 40	3	2422	mcs0	11.03	11.09	14.07	15.00
	6	2437		11.15	11.11	14.14	15.00
	9	2452		10.99	11.09	14.05	15.00
802.11BE 20	1	2412	mcs0	11.32	11.22	14.28	15.00
	6	2437		11.32	11.52	14.43	15.00
	11	2462		11.36	11.57	14.48	15.00
802.11BE 40	3	2422	mcs0	10.96	11.14	14.06	15.00
	6	2437		11.15	11.29	14.23	15.00
	9	2452		10.96	11.13	14.06	15.00

WIFI 2.4G Head DBS Simultaneous							
Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm) Ant6	Average Power (dBm) Ant7	Average Power (dBm) MIMO	Tune up(dBm) MIMO
802.11b	1	2412	1	6.75	6.67	9.72	10.50
	6	2437		6.87	6.75	9.82	10.50
	11	2462		6.54	6.62	9.59	10.50
802.11g	1	2412	6	6.90	6.62	9.77	10.50
	6	2437		6.86	6.72	9.80	10.50
	11	2462		6.47	6.81	9.65	10.50
802.11n HT20	1	2412	mcs0	6.95	6.79	9.88	10.50
	6	2437		6.70	6.90	9.81	10.50
	11	2462		6.81	6.94	9.89	10.50
802.11n HT40	3	2422	mcs0	6.42	6.56	9.50	10.50
	6	2437		6.64	6.68	9.67	10.50
	9	2452		6.38	6.58	9.49	10.50
802.11AC 20	1	2412	mcs0	6.90	6.71	9.82	10.50
	6	2437		6.77	6.99	9.89	10.50
	11	2462		6.77	7.05	9.92	10.50
802.11AC 40	3	2422	mcs0	6.52	6.56	9.55	10.50
	6	2437		6.53	6.61	9.58	10.50
	9	2452		6.53	6.54	9.55	10.50
802.11AX	1	2412	mcs0	6.94	6.77	9.87	10.50

20	6	2437		6.88	6.83	9.87	10.50
	11	2462		6.91	7.04	9.99	10.50
802.11AX 40	3	2422	mcs0	6.47	6.70	9.60	10.50
	6	2437		6.56	6.66	9.62	10.50
	9	2452		6.56	6.60	9.59	10.50
802.11BE 20	1	2412	mcs0	6.81	6.60	9.72	10.50
	6	2437		6.95	6.88	9.93	10.50
	11	2462		6.93	7.05	10.00	10.50
802.11BE 40	3	2422	mcs0	6.60	6.65	9.64	10.50
	6	2437		6.54	6.59	9.58	10.50
	9	2452		6.51	6.61	9.57	10.50

WIFI 2.4G Body-worn Simultaneous							
Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm) Ant6	Average Power (dBm) Ant7	Average Power (dBm) MIMO	Tune up(dBm) MIMO
802.11b	1	2412	1	17.78	17.87	20.84	21.50
	6	2437		17.82	17.96	20.90	21.50
	11	2462		17.62	17.63	20.64	21.50
802.11g	1	2412	6	17.43	17.32	20.39	21.00
	6	2437		17.32	17.31	20.33	21.00
	11	2462		17.16	17.39	20.29	21.00
802.11n HT20	1	2412	mcs0	17.86	17.84	20.86	21.50
	6	2437		17.81	18.06	20.95	21.50
	11	2462		17.98	18.13	21.07	21.50
802.11n HT40	3	2422	mcs0	16.00	16.23	19.13	20.00
	6	2437		16.13	16.31	19.23	20.00
	9	2452		16.01	16.13	19.08	20.00
802.11AC 20	1	2412	mcs0	17.29	17.30	20.31	21.50
	6	2437		17.46	17.50	20.49	21.50
	11	2462		17.50	17.57	20.55	21.50
802.11AC 40	3	2422	mcs0	16.03	16.23	19.14	20.00
	6	2437		16.10	16.26	19.19	20.00
	9	2452		16.13	16.29	19.22	20.00
802.11AX 20	1	2412	mcs0	16.01	16.05	19.04	20.00
	6	2437		16.10	16.18	19.15	20.00
	11	2462		16.15	16.13	19.15	20.00
802.11AX 40	3	2422	mcs0	16.52	16.70	19.62	20.50
	6	2437		16.59	16.71	19.66	20.50
	9	2452		16.51	16.69	19.61	20.50
802.11BE 20	1	2412	mcs0	16.04	16.09	19.08	20.00
	6	2437		16.13	16.21	19.18	20.00

	11	2462		16.19	16.19	19.20	20.00
802.11BE 40	3	2422	mcs0	16.53	16.73	19.64	20.50
	6	2437		16.63	16.78	19.72	20.50
	9	2452		16.55	16.74	19.66	20.50

WIFI 2.4G Body-worn&Handheld Simultaneous							
Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm) Ant6	Average Power (dBm) Ant7	Average Power (dBm) MIMO	Tune up(dBm) MIMO
802.11b	1	2412	1	15.96	15.85	18.92	19.50
	6	2437		15.79	15.89	18.85	19.50
	11	2462		15.63	15.80	18.73	19.50
802.11g	1	2412	6	15.80	15.63	18.73	19.50
	6	2437		15.69	15.76	18.74	19.50
	11	2462		15.55	15.82	18.70	19.50
802.11n HT20	1	2412	mcs0	15.99	15.71	18.86	19.50
	6	2437		15.88	15.91	18.91	19.50
	11	2462		15.86	15.92	18.90	19.50
802.11n HT40	3	2422	mcs0	15.47	15.53	18.51	19.50
	6	2437		15.63	15.79	18.72	19.50
	9	2452		15.45	15.49	18.48	19.50
802.11AC 20	1	2412	mcs0	15.82	15.71	18.78	19.50
	6	2437		15.73	15.98	18.87	19.50
	11	2462		15.76	16.00	18.89	19.50
802.11AC 40	3	2422	mcs0	15.51	15.54	18.54	19.50
	6	2437		15.57	15.75	18.67	19.50
	9	2452		15.41	15.68	18.56	19.50
802.11AX 20	1	2412	mcs0	15.81	15.61	18.72	19.50
	6	2437		15.91	15.91	18.92	19.50
	11	2462		15.87	15.99	18.94	19.50
802.11AX 40	3	2422	mcs0	15.53	15.71	18.63	19.50
	6	2437		15.64	15.73	18.70	19.50
	9	2452		15.50	15.59	18.56	19.50
802.11BE 20	1	2412	mcs0	15.82	15.77	18.81	19.50
	6	2437		15.89	16.02	18.97	19.50
	11	2462		15.84	15.96	18.91	19.50
802.11BE 40	3	2422	mcs0	15.59	15.58	18.60	19.50
	6	2437		15.63	15.72	18.69	19.50
	9	2452		15.54	15.69	18.63	19.50



WIFI 2.4G Hotspot							
Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm) Ant6	Average Power (dBm) Ant7	Average Power (dBm) MIMO	Tune up(dBm) MIMO
802.11b	1	2412	1	10.61	10.48	13.56	14.50
	6	2437		10.73	10.62	13.69	14.50
	11	2462		10.52	10.63	13.59	14.50
802.11g	1	2412	6	10.73	10.49	13.62	14.50
	6	2437		10.67	10.54	13.62	14.50
	11	2462		10.43	10.73	13.59	14.50
802.11n HT20	1	2412	mcs0	10.78	10.64	13.72	14.50
	6	2437		10.72	10.71	13.73	14.50
	11	2462		10.72	10.66	13.70	14.50
802.11n HT40	3	2422	mcs0	10.39	10.66	13.54	14.50
	6	2437		10.50	10.69	13.61	14.50
	9	2452		10.26	10.45	13.37	14.50
802.11AC 20	1	2412	mcs0	10.69	10.61	13.66	14.50
	6	2437		10.78	10.89	13.85	14.50
	11	2462		10.72	10.94	13.84	14.50
802.11AC 40	3	2422	mcs0	10.34	10.57	13.47	14.50
	6	2437		10.38	10.63	13.52	14.50
	9	2452		10.44	10.54	13.50	14.50
802.11AX 20	1	2412	mcs0	10.78	10.59	13.70	14.50
	6	2437		10.75	10.91	13.84	14.50
	11	2462		10.62	10.96	13.80	14.50
802.11AX 40	3	2422	mcs0	10.43	10.68	13.57	14.50
	6	2437		10.37	10.55	13.47	14.50
	9	2452		10.37	10.63	13.51	14.50
802.11BE 20	1	2412	mcs0	10.64	10.69	13.68	14.50
	6	2437		10.70	10.88	13.80	14.50
	11	2462		10.75	10.86	13.82	14.50
802.11BE 40	3	2422	mcs0	10.35	10.59	13.48	14.50
	6	2437		10.48	10.56	13.53	14.50
	9	2452		10.56	10.52	13.55	14.50

WIFI 5G Full Power								
5GHz	Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm) Ant6	Average Power (dBm) Ant7	Average Power (dBm) MIMO	Tune up(dBm) MIMO
802.11a	U-NII-1	36	5180	6	17.79	18.72	21.29	22.00
		40	5200		17.82	18.52	21.19	22.00
		44	5220		17.56	18.88	21.28	22.00
		48	5240		17.59	18.64	21.16	22.00
	U-NII-2A	52	5260		17.59	18.67	21.17	22.00
		56	5280		17.67	18.74	21.25	22.00
		60	5300		17.88	18.71	21.33	22.00
		64	5320		17.74	18.79	21.31	22.00
	U-NII-2C	100	5500		17.48	18.79	21.19	22.00
		104	5520		17.56	18.86	21.27	22.00
		108	5540		17.59	18.83	21.26	22.00
		112	5560		17.51	18.81	21.22	22.00
		116	5580		17.68	18.89	21.34	22.00
		120	5600		17.58	18.76	21.22	22.00
		124	5620		17.63	18.79	21.26	22.00
		128	5640		17.67	18.74	21.25	22.00
		132	5660		17.71	18.83	21.32	22.00
		136	5680		17.76	18.82	21.33	22.00
	U-NII-3	140	5700		17.81	18.88	21.39	22.00
		144	5720		17.67	18.94	21.36	22.00
149		5745	17.69	18.87	21.33	22.00		
153		5765	17.71	18.77	21.28	22.00		
157		5785	17.60	18.76	21.23	22.00		
		161	5805	17.64	18.86	21.30	22.00	
		165	5825	17.59	18.81	21.25	22.00	
5GHz	Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm) Ant6	Average Power (dBm) Ant7	Average Power (dBm) MIMO	Tune up(dBm) MIMO
802.11n- HT20	U-NII-1	36	5180	MCS0	17.28	18.17	20.76	21.50
		40	5200		17.25	18.15	20.73	21.50
		44	5220		17.23	18.13	20.71	21.50
		48	5240		17.26	18.16	20.74	21.50
	U-NII-2A	52	5260		17.41	18.32	20.90	21.50
		56	5280		17.43	18.36	20.93	21.50
		60	5300		17.40	18.21	20.83	21.50
		64	5320		17.43	18.39	20.95	21.50
	U-NII-2C	100	5500		17.32	18.81	21.14	22.00
		104	5520		17.43	18.84	21.20	22.00
		108	5540	17.45	18.89	21.24	22.00	

		112	5560		17.63	18.74	21.23	22.00
		116	5580		17.69	18.84	21.31	22.00
		120	5600		17.62	18.86	21.29	22.00
		124	5620		17.58	18.88	21.29	22.00
		128	5640		17.54	18.85	21.25	22.00
		132	5660		17.64	18.83	21.29	22.00
		136	5680		17.61	18.81	21.26	22.00
		140	5700		17.71	18.84	21.32	22.00
		144	5720		17.78	18.79	21.32	22.00
	U-NII-3	149	5745		17.69	18.87	21.33	22.00
		153	5765		17.74	18.89	21.36	22.00
		157	5785		17.80	18.84	21.36	22.00
		161	5805		17.74	18.83	21.33	22.00
		165	5825		17.59	18.79	21.24	22.00
5GHz	Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm) Ant6	Average Power (dBm) Ant7	Average Power (dBm) MIMO	Tune up(dBm) MIMO
802.11n-HT40	U-NII-1	38	5190	MCS0	16.87	17.98	20.47	21.00
		46	5230		16.69	18.03	20.42	21.00
	U-NII-2A	54	5270		17.13	18.06	20.63	21.50
		62	5310		17.03	18.03	20.57	21.50
	U-NII-2C	102	5510		16.98	18.23	20.66	21.50
		110	5550		16.89	18.21	20.61	21.50
		118	5590		16.70	18.06	20.44	21.50
		126	5630		16.88	18.11	20.55	21.50
		134	5670		16.89	18.32	20.67	21.50
		142	5710		16.89	18.24	20.63	21.50
	U-NII-3	151	5755		17.13	18.24	20.73	21.50
		159	5795		17.19	18.31	20.80	21.50
5GHz	Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm) Ant6	Average Power (dBm) Ant7	Average Power (dBm) MIMO	Tune up(dBm) MIMO
802.11ac-20	U-NII-1	36	5180	MCS0	17.31	18.16	20.77	21.50
		40	5200		17.23	18.12	20.71	21.50
		44	5220		17.20	18.14	20.71	21.50
		48	5240		17.28	18.13	20.74	21.50
	U-NII-2A	52	5260		17.40	18.33	20.90	21.50
		56	5280		17.38	18.37	20.91	21.50
		60	5300		17.43	18.23	20.86	21.50
		64	5320		17.41	18.43	20.96	21.50
	U-NII-2C	100	5500		17.48	18.83	21.22	22.00
		104	5520		17.52	18.89	21.27	22.00
		108	5540		17.59	18.87	21.29	22.00

		112	5560		17.69	18.79	21.29	22.00
		116	5580		17.71	18.87	21.34	22.00
		120	5600		17.64	18.89	21.32	22.00
		124	5620		17.59	18.91	21.31	22.00
		128	5640		17.61	18.84	21.28	22.00
		132	5660		17.69	18.87	21.33	22.00
		136	5680		17.74	18.86	21.35	22.00
		140	5700		17.76	18.85	21.35	22.00
		144	5720		17.79	18.81	21.34	22.00
	U-NII-3	149	5745		17.71	18.87	21.34	22.00
		153	5765		17.76	18.81	21.33	22.00
		157	5785		17.86	18.89	21.42	22.00
		161	5805		17.79	18.80	21.33	22.00
		165	5825		17.64	18.86	21.30	22.00
5GHz	Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm) Ant6	Average Power (dBm) Ant7	Average Power (dBm) MIMO	Tune up(dBm) MIMO
802.11ac-40	U-NII-1	38	5190	MCS0	15.38	16.06	18.74	19.50
		46	5230		15.20	15.88	18.56	19.50
	U-NII-2A	54	5270		16.65	17.53	20.12	20.50
		62	5310		16.59	17.61	20.14	20.50
	U-NII-2C	102	5510		16.53	17.73	20.18	21.00
		110	5550		16.43	17.71	20.13	21.00
		118	5590		16.31	17.59	20.01	21.00
		126	5630		16.43	17.63	20.08	21.00
		134	5670		16.45	17.81	20.19	21.00
		142	5710		16.51	17.89	20.26	21.00
	U-NII-3	151	5755		17.16	18.24	20.74	21.50
		159	5795		17.21	18.36	20.83	21.50
5GHz	Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm) Ant6	Average Power (dBm) Ant7	Average Power (dBm) MIMO	Tune up(dBm) MIMO
802.11ac 80M	U-NII-1	42	5210	MCS0	13.49	14.71	17.15	18.00
	U-NII-2A	58	5290		15.22	16.30	18.80	19.50
		106	5530		15.64	16.75	19.24	20.00
	U-NII-2C	122	5610		15.69	16.86	19.32	20.00
		138	5690		15.72	16.84	19.33	20.00
	U-NII-3	155	5775		15.69	16.79	19.29	20.00
5GHz	Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm) Ant6	Average Power (dBm) Ant7	Average Power (dBm) MIMO	Tune up(dBm) MIMO
802.11ac 160M	U-NII-1	50	5250	MCS0	14.21	15.13	17.70	18.50
	U-NII-2C	114	5570		11.98	12.71	15.37	16.00

5GHz	Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm) Ant6	Average Power (dBm) Ant7	Average Power (dBm) MIMO	Tune up(dBm) MIMO
802.11AX-20	U-NII-1	36	5180	MCS0	17.30	18.13	20.75	21.50
		40	5200		17.20	18.10	20.68	21.50
		44	5220		17.21	18.11	20.69	21.50
		48	5240		17.30	18.16	20.76	21.50
	U-NII-2A	52	5260		17.49	18.49	21.03	21.50
		56	5280		17.51	18.41	20.99	21.50
		60	5300		17.49	18.46	21.01	21.50
		64	5320		17.53	18.43	21.01	21.50
	U-NII-2C	100	5500		17.53	18.87	21.26	22.00
		104	5520		17.59	18.92	21.32	22.00
		108	5540		17.61	18.93	21.33	22.00
		112	5560		17.74	18.87	21.35	22.00
		116	5580		17.76	18.89	21.37	22.00
		120	5600		17.66	18.91	21.34	22.00
		124	5620		17.61	18.95	21.34	22.00
		128	5640		17.61	18.81	21.26	22.00
		132	5660		17.76	18.99	21.43	22.00
		136	5680		17.77	18.94	21.40	22.00
	U-NII-3	140	5700		17.78	18.86	21.36	22.00
		144	5720		17.81	18.84	21.37	22.00
149		5745	17.83	18.79	21.35	22.00		
153		5765	17.79	18.83	21.35	22.00		
157		5785	17.88	18.99	21.48	22.00		
		161	5805	17.81	18.94	21.42	22.00	
		165	5825	17.76	18.97	21.42	22.00	
5GHz	Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm) Ant6	Average Power (dBm) Ant7	Average Power (dBm) MIMO	Tune up(dBm) MIMO
802.11AX-40	U-NII-1	38	5190	MCS0	15.43	16.08	18.78	19.50
		46	5230		15.29	15.89	18.61	19.50
	U-NII-2A	54	5270		16.67	17.59	20.16	21.00
		62	5310		16.61	17.63	20.16	21.00
	U-NII-2C	102	5510		17.13	18.26	20.74	21.50
		110	5550		17.06	18.28	20.72	21.50
		118	5590		16.89	18.13	20.56	21.50
		126	5630		16.90	18.19	20.60	21.50
		134	5670		16.94	18.36	20.72	21.50
		142	5710		16.91	18.31	20.68	21.50
	U-NII-3	151	5755		17.21	18.29	20.79	21.50
		159	5795		17.24	18.38	20.86	21.50

5GHz	Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm) Ant6	Average Power (dBm) Ant7	Average Power (dBm) MIMO	Tune up(dBm) MIMO
802.11AX 80M	U-NII-1	42	5210	MCS0	13.51	14.78	17.20	18.00
	U-NII-2A	58	5290		15.23	16.31	18.81	19.50
	U-NII-2C	106	5530		15.69	16.76	19.27	20.00
		122	5610		15.78	16.84	19.35	20.00
		138	5690		15.79	16.89	19.39	20.00
	U-NII-3	155	5775		15.74	16.88	19.36	20.00
5GHz	Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm) Ant6	Average Power (dBm) Ant7	Average Power (dBm) MIMO	Tune up(dBm) MIMO
802.11AX 160M	U-NII-1	50	5250	MCS0	14.72	15.78	18.29	19.00
	U-NII-2C	114	5570		13.23	14.31	16.81	17.50
5GHz	Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm) Ant6	Average Power (dBm) Ant7	Average Power (dBm) MIMO	Tune up(dBm) MIMO
802.11BE- 20	U-NII-1	36	5180	MCS0	17.33	18.16	20.78	21.50
		40	5200		17.21	18.15	20.72	21.50
		44	5220		17.24	18.13	20.72	21.50
		48	5240		17.32	18.19	20.79	21.50
	U-NII-2A	52	5260		17.63	18.89	21.32	22.00
		56	5280		17.76	18.74	21.29	22.00
		60	5300		17.71	18.79	21.29	22.00
		64	5320		17.76	18.76	21.30	22.00
	U-NII-2C	100	5500		17.56	18.89	21.29	22.00
		104	5520		17.61	18.94	21.34	22.00
		108	5540		17.64	18.99	21.38	22.00
		112	5560		17.78	18.97	21.43	22.00
		116	5580		17.73	18.94	21.39	22.00
		120	5600		17.69	18.99	21.40	22.00
		124	5620		17.64	18.94	21.35	22.00
		128	5640		17.65	18.89	21.32	22.00
		132	5660		17.81	18.97	21.44	22.00
		136	5680		17.79	18.99	21.44	22.00
		140	5700		17.81	18.94	21.42	22.00
		144	5720		17.84	18.91	21.42	22.00
	U-NII-3	149	5745		17.85	18.83	21.38	22.00
		153	5765		17.83	18.86	21.39	22.00
		157	5785		17.83	19.10	21.52	22.00
		161	5805		17.84	18.98	21.46	22.00
		165	5825		17.78	18.91	21.39	22.00

5GHz	Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm) Ant6	Average Power (dBm) Ant7	Average Power (dBm) MIMO	Tune up(dBm) MIMO
802.11BE-40	U-NII-1	38	5190	MCS0	15.49	16.10	18.82	19.50
		46	5230		15.31	15.91	18.63	19.50
	U-NII-2A	54	5270		16.71	17.61	20.19	21.00
		62	5310		16.74	17.69	20.25	21.00
	U-NII-2C	102	5510		17.15	18.27	20.76	21.50
		110	5550		17.10	18.29	20.75	21.50
		118	5590		16.90	18.16	20.59	21.50
		126	5630		16.93	18.21	20.63	21.50
		134	5670		16.97	18.37	20.74	21.50
	U-NII-3	142	5710		16.94	18.32	20.69	21.50
		151	5755		17.23	18.33	20.83	21.50
		159	5795		17.26	18.39	20.87	21.50
5GHz	Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm) Ant6	Average Power (dBm) Ant7	Average Power (dBm) MIMO	Tune up(dBm) MIMO
802.11BE 80M	U-NII-1	42	5210	MCS0	13.59	14.81	17.25	18.00
	U-NII-2A	58	5290		15.31	16.32	18.85	19.50
	U-NII-2C	106	5530		15.76	16.78	19.31	20.00
		122	5610		15.84	16.84	19.38	20.00
		138	5690		15.82	16.91	19.41	20.00
	U-NII-3	155	5775		15.79	16.87	19.37	20.00
5GHz	Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm) Ant6	Average Power (dBm) Ant7	Average Power (dBm) MIMO	Tune up(dBm) MIMO
802.11BE 160M	U-NII-1	50	5250	MCS0	14.76	15.83	18.34	19.00
	U-NII-2C	114	5570		13.33	14.36	16.89	17.50

WIFI 5G Head Standalone								
5GHz	Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm) Ant6	Average Power (dBm) Ant7	Average Power (dBm) MIMO	Tune up(dBm) MIMO
802.11a	U-NII-1	36	5180	6	11.74	12.53	15.16	16.00
		40	5200		11.82	12.44	15.15	16.00
		44	5220		11.52	12.78	15.21	16.00
		48	5240		11.45	12.50	15.02	16.00
	U-NII-2A	52	5260		11.45	12.57	15.06	16.00
		56	5280		11.62	12.68	15.19	16.00
		60	5300		11.68	12.63	15.19	16.00
		64	5320		11.72	12.65	15.22	16.00
	U-NII-2C	100	5500		11.32	12.74	15.10	16.00
		104	5520		11.38	12.81	15.16	16.00

5GHz	Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm) Ant6	Average Power (dBm) Ant7	Average Power (dBm) MIMO	Tune up(dBm) MIMO	
802.11n- HT20		108	5540		11.45	12.77	15.17	16.00	
		112	5560		11.38	12.62	15.05	16.00	
		116	5580		11.50	12.77	15.19	16.00	
		120	5600		11.43	12.65	15.09	16.00	
		124	5620		11.63	12.67	15.19	16.00	
		128	5640		11.51	12.60	15.10	16.00	
		132	5660		11.70	12.76	15.27	16.00	
		136	5680		11.75	12.81	15.32	16.00	
		140	5700		11.73	12.85	15.34	16.00	
		144	5720		11.55	12.75	15.20	16.00	
	U-NII-3	149	5745	11.67	12.84	15.30	16.00		
		153	5765	11.71	12.59	15.18	16.00		
		157	5785	11.54	12.73	15.19	16.00		
		161	5805	11.53	12.84	15.24	16.00		
		165	5825	11.55	12.72	15.18	16.00		
	802.11n- HT20	U-NII-1	36	5180	MCS0	11.50	12.54	15.06	16.00
			40	5200		11.64	12.44	15.07	16.00
			44	5220		11.47	12.38	14.96	16.00
			48	5240		11.37	12.60	15.04	16.00
		U-NII-2A	52	5260		11.57	12.51	15.08	16.00
56			5280	11.58		12.50	15.07	16.00	
60			5300	11.59		12.59	15.13	16.00	
U-NII-2C		64	5320	11.53		12.64	15.13	16.00	
		100	5500	11.27		12.68	15.04	16.00	
		104	5520	11.41		12.64	15.08	16.00	
		108	5540	11.34		12.71	15.09	16.00	
		112	5560	11.58		12.69	15.18	16.00	
		116	5580	11.68		12.80	15.29	16.00	
		120	5600	11.51		12.78	15.20	16.00	
		124	5620	11.53		12.88	15.27	16.00	
		128	5640	11.45		12.84	15.21	16.00	
		132	5660	11.52		12.75	15.19	16.00	
U-NII-3		136	5680	11.45		12.75	15.16	16.00	
		140	5700	11.63		12.65	15.18	16.00	
		144	5720	11.66		12.61	15.17	16.00	
	149	5745	11.60	12.70	15.20	16.00			
	153	5765	11.55	12.88	15.28	16.00			
	157	5785	11.76	12.74	15.29	16.00			
	161	5805	11.59	12.83	15.26	16.00			
	165	5825	11.45	12.68	15.12	16.00			



5GHz	Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm) Ant6	Average Power (dBm) Ant7	Average Power (dBm) MIMO	Tune up(dBm) MIMO
802.11n-HT40	U-NII-1	38	5190	MCS0	11.68	12.86	15.32	16.00
		46	5230		11.60	12.90	15.31	16.00
	U-NII-2A	54	5270		11.55	12.45	15.03	16.00
		62	5310		11.46	12.47	15.00	16.00
	U-NII-2C	102	5510		11.33	12.63	15.04	16.00
		110	5550		11.27	12.55	14.97	16.00
		118	5590		11.05	12.46	14.82	16.00
		126	5630		11.22	12.53	14.93	16.00
		134	5670		11.28	12.72	15.07	16.00
	U-NII-3	142	5710		11.21	12.69	15.02	16.00
		151	5755		11.51	12.60	15.10	16.00
		159	5795		11.50	12.77	15.19	16.00
5GHz	Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm) Ant6	Average Power (dBm) Ant7	Average Power (dBm) MIMO	Tune up(dBm) MIMO
802.11ac-20	U-NII-1	36	5180	MCS0	11.45	12.52	15.03	16.00
		40	5200		11.59	12.52	15.09	16.00
		44	5220		11.58	12.43	15.04	16.00
		48	5240		11.57	12.61	15.13	16.00
	U-NII-2A	52	5260		11.51	12.62	15.11	16.00
		56	5280		11.57	12.53	15.09	16.00
		60	5300		11.46	12.54	15.04	16.00
	U-NII-2C	64	5320		11.48	12.61	15.09	16.00
		100	5500		11.31	12.71	15.08	16.00
		104	5520		11.52	12.71	15.17	16.00
		108	5540		11.41	12.74	15.14	16.00
		112	5560		11.50	12.78	15.20	16.00
		116	5580		11.59	12.73	15.21	16.00
		120	5600		11.62	12.85	15.29	16.00
		124	5620		11.55	12.74	15.20	16.00
		128	5640		11.57	12.71	15.19	16.00
		132	5660		11.55	12.77	15.21	16.00
	U-NII-3	136	5680		11.58	12.70	15.19	16.00
		140	5700		11.59	12.74	15.21	16.00
		144	5720		11.71	12.75	15.27	16.00
		149	5745		11.53	12.87	15.26	16.00
		153	5765		11.71	12.70	15.24	16.00
		157	5785		11.72	12.70	15.25	16.00
			161		5805	11.71	12.74	15.27
		165	5825	11.60	12.80	15.25	16.00	

5GHz	Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm) Ant6	Average Power (dBm) Ant7	Average Power (dBm) MIMO	Tune up(dBm) MIMO
802.11ac-40	U-NII-1	38	5190	MCS0	11.40	12.44	14.96	16.00
		46	5230		11.23	12.41	14.87	16.00
	U-NII-2A	54	5270		11.55	12.54	15.08	16.00
		62	5310		11.57	12.49	15.06	16.00
	U-NII-2C	102	5510		11.44	12.60	15.07	16.00
		110	5550		11.37	12.67	15.08	16.00
		118	5590		11.21	12.58	14.96	16.00
		126	5630		11.32	12.61	15.02	16.00
		134	5670		11.39	12.80	15.16	16.00
	U-NII-3	142	5710		11.35	12.68	15.08	16.00
		151	5755		11.49	12.65	15.12	16.00
			159		5795	11.65	12.68	15.21
5GHz	Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm) Ant6	Average Power (dBm) Ant7	Average Power (dBm) MIMO	Tune up(dBm) MIMO
802.11ac 80M	U-NII-1	42	5210	MCS0	11.62	12.71	15.21	16.00
	U-NII-2A	58	5290		11.88	12.72	15.33	16.00
	U-NII-2C	106	5530		11.59	12.68	15.18	16.00
		122	5610		11.55	12.77	15.21	16.00
		138	5690		11.72	12.83	15.32	16.00
	U-NII-3	155	5775		11.69	12.66	15.21	16.00
5GHz	Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm) Ant6	Average Power (dBm) Ant7	Average Power (dBm) MIMO	Tune up(dBm) MIMO
802.11ac 160M	U-NII-1	50	5250	MCS0	11.63	12.63	15.17	16.00
	U-NII-2C	114	5570		11.98	12.71	15.37	16.00
5GHz	Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm) Ant6	Average Power (dBm) Ant7	Average Power (dBm) MIMO	Tune up(dBm) MIMO
802.11AX-20	U-NII-1	36	5180	MCS0	11.63	12.50	15.10	16.00
		40	5200		11.55	12.52	15.07	16.00
		44	5220		11.69	12.44	15.09	16.00
		48	5240		11.60	12.54	15.11	16.00
	U-NII-2A	52	5260		11.41	12.79	15.16	16.00
		56	5280		11.50	12.61	15.10	16.00
		60	5300		11.63	12.64	15.17	16.00
		64	5320		11.49	12.66	15.12	16.00
	U-NII-2C	100	5500		11.51	12.77	15.20	16.00
		104	5520		11.54	12.75	15.20	16.00
		108	5540		11.48	12.87	15.24	16.00
		112	5560		11.60	12.74	15.22	16.00

		116	5580		11.60	12.80	15.25	16.00		
		120	5600		11.63	12.88	15.31	16.00		
		124	5620		11.59	12.81	15.25	16.00		
		128	5640		11.43	12.70	15.12	16.00		
		132	5660		11.67	12.91	15.34	16.00		
		136	5680		11.62	12.86	15.29	16.00		
		140	5700		11.69	12.73	15.25	16.00		
		144	5720		11.64	12.73	15.23	16.00		
	U-NII-3	149	5745		11.66	12.71	15.23	16.00		
		153	5765		11.68	12.75	15.26	16.00		
		157	5785		11.79	12.83	15.35	16.00		
		161	5805		11.64	12.82	15.28	16.00		
		165	5825		11.69	12.78	15.28	16.00		
						Average Power (dBm) Ant6	Average Power (dBm) Ant7	Average Power (dBm) MIMO	Tune up(dBm) MIMO	
		5GHz	Mode		Channel	Frequency(MHz)	Data Rate(Mbps)			
		802.11AX-40	U-NII-1		38	5190	MCS0	11.47	12.46	15.00
46	5230			11.32	12.54	14.98		16.00		
U-NII-2A	54		5270	11.54	12.43	15.02		16.00		
	62		5310	11.52	12.54	15.07		16.00		
U-NII-2C	102		5510	11.63	12.59	15.15		16.00		
	110		5550	11.52	12.64	15.13		16.00		
	118		5590	11.26	12.50	14.93		16.00		
	126		5630	11.30	12.51	14.96		16.00		
	134		5670	11.34	12.75	15.11		16.00		
	142		5710	11.30	12.80	15.12		16.00		
U-NII-3	151		5755	11.68	12.76	15.26		16.00		
	159		5795	11.67	12.76	15.26		16.00		
				Average Power (dBm) Ant6	Average Power (dBm) Ant7	Average Power (dBm) MIMO		Tune up(dBm) MIMO		
5GHz	Mode		Channel	Frequency(MHz)	Data Rate(Mbps)					
802.11AX 80M	U-NII-1	42	5210	MCS0	11.47	12.80	15.20	16.00		
		58	5290		11.74	12.67	15.24	16.00		
	U-NII-2C	106	5530		11.61	12.66	15.18	16.00		
		122	5610		11.66	12.66	15.20	16.00		
		138	5690		11.63	12.71	15.21	16.00		
	U-NII-3	155	5775		11.71	12.80	15.30	16.00		
					Average Power (dBm) Ant6	Average Power (dBm) Ant7	Average Power (dBm) MIMO	Tune up(dBm) MIMO		
5GHz	Mode	Channel	Frequency(MHz)	Data Rate(Mbps)						
802.11AX 160M	U-NII-1	50	5250	MCS0	11.55	12.75	15.20	16.00		
	U-NII-2C	114	5570		11.55	12.75	15.20	16.00		

5GHz	Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm) Ant6	Average Power (dBm) Ant7	Average Power (dBm) MIMO	Tune up(dBm) MIMO
802.11BE-20	U-NII-1	36	5180	MCS0	11.78	12.63	15.24	16.00
		40	5200		11.64	12.50	15.10	16.00
		44	5220		11.56	12.50	15.07	16.00
		48	5240		11.77	12.63	15.23	16.00
	U-NII-2A	52	5260		11.59	12.84	15.27	16.00
		56	5280		11.58	12.69	15.18	16.00
		60	5300		11.53	12.65	15.14	16.00
		64	5320		11.62	12.71	15.21	16.00
	U-NII-2C	100	5500		11.52	12.73	15.18	16.00
		104	5520		11.56	12.90	15.29	16.00
		108	5540		11.52	12.82	15.23	16.00
		112	5560		11.63	12.86	15.30	16.00
		116	5580		11.66	12.82	15.29	16.00
		120	5600		11.65	12.83	15.29	16.00
		124	5620		11.44	12.88	15.23	16.00
		128	5640		11.53	12.79	15.22	16.00
		132	5660		11.73	12.78	15.30	16.00
		136	5680		11.75	12.79	15.31	16.00
	U-NII-3	140	5700		11.72	12.92	15.37	16.00
		144	5720		11.73	12.85	15.34	16.00
149		5745	11.75	12.76	15.29	16.00		
153		5765	11.82	12.79	15.34	16.00		
157		5785	11.81	13.06	15.49	16.00		
		161	5805	11.74	12.91	15.37	16.00	
		165	5825	11.72	12.73	15.26	16.00	
5GHz	Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm) Ant6	Average Power (dBm) Ant7	Average Power (dBm) MIMO	Tune up(dBm) MIMO
802.11BE-40	U-NII-1	38	5190	MCS0	11.89	12.49	15.21	16.00
		46	5230		11.65	12.39	15.05	16.00
	U-NII-2A	54	5270		11.63	12.60	15.15	16.00
		62	5310		11.73	12.63	15.21	16.00
	U-NII-2C	102	5510		11.64	12.59	15.15	16.00
		110	5550		11.52	12.68	15.15	16.00
		118	5590		11.33	12.52	14.98	16.00
		126	5630		11.24	12.69	15.04	16.00
		134	5670		11.45	12.79	15.18	16.00
		142	5710		11.42	12.71	15.12	16.00
	U-NII-3	151	5755		11.66	12.64	15.19	16.00
		159	5795		11.64	12.85	15.30	16.00

5GHz	Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm) Ant6	Average Power (dBm) Ant7	Average Power (dBm) MIMO	Tune up(dBm) MIMO
802.11BE 80M	U-NII-1	42	5210	MCS0	11.58	12.72	15.20	16.00
	U-NII-2A	58	5290		11.70	12.68	15.23	16.00
	U-NII-2C	106	5530		11.56	12.67	15.16	16.00
		122	5610		11.73	12.70	15.25	16.00
		138	5690		11.79	12.86	15.37	16.00
	U-NII-3	155	5775		11.68	12.78	15.28	16.00
5GHz	Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm) Ant6	Average Power (dBm) Ant7	Average Power (dBm) MIMO	Tune up(dBm) MIMO
802.11BE 160M	U-NII-1	50	5250	MCS0	11.64	12.82	15.28	16.00
	U-NII-2C	114	5570		11.64	12.84	15.29	16.00

WIFI 5G Head Simultaneous								
5GHz	Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm) Ant6	Average Power (dBm) Ant7	Average Power (dBm) MIMO	Tune up(dBm) MIMO
802.11a	U-NII-1	36	5180	6	8.63	9.41	12.05	13.00
		40	5200		8.78	9.25	12.03	13.00
		44	5220		8.49	9.77	12.19	13.00
		48	5240		8.44	9.35	11.93	13.00
	U-NII-2A	52	5260		8.33	9.48	11.95	13.00
		56	5280		8.46	9.55	12.05	13.00
		60	5300		8.56	9.59	12.12	13.00
		64	5320		8.62	9.58	12.14	13.00
	U-NII-2C	100	5500		8.13	9.57	11.92	13.00
		104	5520		8.24	9.75	12.07	13.00
		108	5540		8.29	9.73	12.08	13.00
		112	5560		8.20	9.50	11.91	13.00
		116	5580		8.41	9.58	12.04	13.00
		120	5600		8.26	9.57	11.97	13.00
		124	5620		8.57	9.53	12.09	13.00
		128	5640		8.41	9.44	11.97	13.00
		132	5660		8.59	9.68	12.18	13.00
		136	5680		8.74	9.71	12.26	13.00
	U-NII-3	140	5700		8.64	9.74	12.24	13.00
		144	5720		8.44	9.61	12.07	13.00
149		5745	8.53	9.80	12.22	13.00		
153		5765	8.57	9.52	12.08	13.00		
		157	5785	8.52	9.71	12.17	13.00	
		161	5805	8.47	9.81	12.20	13.00	

5GHz	Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm) Ant6	Average Power (dBm) Ant7	Average Power (dBm) MIMO	Tune up(dBm) MIMO
802.11n- HT20	U-NII-1	165	5825	MCS0	8.36	9.54	12.00	13.00
		36	5180		8.35	9.36	11.89	13.00
		40	5200		8.58	9.40	12.02	13.00
		44	5220		8.42	9.26	11.87	13.00
	48	5240	8.17		9.56	11.93	13.00	
	U-NII-2A	52	5260		8.53	9.50	12.05	13.00
		56	5280		8.57	9.49	12.06	13.00
		60	5300		8.40	9.58	12.04	13.00
		64	5320		8.45	9.46	11.99	13.00
	U-NII-2C	100	5500		8.12	9.50	11.87	13.00
		104	5520		8.39	9.45	11.96	13.00
		108	5540		8.33	9.54	11.99	13.00
		112	5560		8.56	9.63	12.14	13.00
		116	5580		8.50	9.76	12.19	13.00
		120	5600		8.44	9.70	12.13	13.00
		124	5620		8.33	9.81	12.14	13.00
		128	5640		8.39	9.83	12.18	13.00
		132	5660		8.49	9.63	12.11	13.00
		136	5680		8.39	9.74	12.13	13.00
	U-NII-3	140	5700		8.44	9.55	12.04	13.00
		144	5720		8.54	9.52	12.07	13.00
		149	5745		8.53	9.57	12.09	13.00
		153	5765		8.50	9.80	12.21	13.00
		157	5785		8.73	9.62	12.21	13.00
		161	5805	8.47	9.73	12.16	13.00	
		165	5825	8.42	9.50	12.00	13.00	
5GHz	Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm) Ant6	Average Power (dBm) Ant7	Average Power (dBm) MIMO	Tune up(dBm) MIMO
802.11n- HT40	U-NII-1	38	5190	MCS0	8.66	9.71	12.23	13.00
		46	5230		8.54	9.82	12.24	13.00
	U-NII-2A	54	5270		8.55	9.39	12.00	13.00
		62	5310		8.41	9.46	11.98	13.00
	U-NII-2C	102	5510		8.33	9.45	11.94	13.00
		110	5550		8.15	9.42	11.84	13.00
		118	5590		7.86	9.39	11.70	13.00
		126	5630		8.20	9.37	11.83	13.00
		134	5670		8.24	9.56	11.96	13.00
		142	5710		8.05	9.49	11.84	13.00
	U-NII-	151	5755		8.40	9.59	12.05	13.00

5GHz	3	159	5795		8.32	9.61	12.02	13.00
5GHz	Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm) Ant6	Average Power (dBm) Ant7	Average Power (dBm) MIMO	Tune up(dBm) MIMO
802.11ac-20	U-NII-1	36	5180	MCS0	8.39	9.48	11.98	13.00
		40	5200		8.45	9.48	12.01	13.00
		44	5220		8.54	9.31	11.95	13.00
		48	5240		8.52	9.50	12.05	13.00
	U-NII-2A	52	5260		8.36	9.60	12.03	13.00
		56	5280		8.57	9.35	11.99	13.00
		60	5300		8.27	9.48	11.93	13.00
		64	5320		8.42	9.55	12.03	13.00
	U-NII-2C	100	5500		8.25	9.59	11.98	13.00
		104	5520		8.32	9.67	12.06	13.00
		108	5540		8.39	9.63	12.06	13.00
		112	5560		8.49	9.63	12.11	13.00
		116	5580		8.48	9.56	12.06	13.00
		120	5600		8.52	9.70	12.16	13.00
		124	5620		8.36	9.66	12.07	13.00
		128	5640		8.49	9.70	12.15	13.00
		132	5660		8.41	9.77	12.15	13.00
		136	5680		8.43	9.65	12.09	13.00
	U-NII-3	140	5700		8.52	9.72	12.17	13.00
		144	5720		8.66	9.61	12.17	13.00
		149	5745		8.43	9.85	12.21	13.00
		153	5765		8.62	9.64	12.17	13.00
		157	5785		8.62	9.60	12.15	13.00
			161		5805	8.57	9.63	12.14
		165	5825	8.48	9.71	12.15	13.00	
5GHz	Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm) Ant6	Average Power (dBm) Ant7	Average Power (dBm) MIMO	Tune up(dBm) MIMO
802.11ac-40	U-NII-1	38	5190	MCS0	8.29	9.36	11.87	13.00
		46	5230		8.06	9.40	11.79	13.00
	U-NII-2A	54	5270		8.38	9.43	11.95	13.00
		62	5310		8.39	9.42	11.95	13.00
	U-NII-2C	102	5510		8.42	9.51	12.01	13.00
		110	5550		8.31	9.64	12.04	13.00
		118	5590		8.16	9.45	11.86	13.00
		126	5630		8.22	9.42	11.87	13.00
		134	5670		8.19	9.80	12.08	13.00
		142	5710		8.28	9.55	11.97	13.00
	U-NII-	151	5755		8.45	9.64	12.10	13.00

5GHz	3	159	5795		8.48	9.58	12.08	13.00	
5GHz	Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm) Ant6	Average Power (dBm) Ant7	Average Power (dBm) MIMO	Tune up(dBm) MIMO	
802.11ac 80M	U-NII-1	42	5210	MCS0	8.36	9.64	12.06	13.00	
	U-NII-2A	58	5290		8.58	9.56	12.11	13.00	
	U-NII-2C	106	5530		8.51	9.49	12.04	13.00	
		122	5610		8.50	9.66	12.13	13.00	
		138	5690		8.60	9.69	12.19	13.00	
	U-NII-3	155	5775		8.49	9.65	12.12	13.00	
5GHz	Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm) Ant6	Average Power (dBm) Ant7	Average Power (dBm) MIMO	Tune up(dBm) MIMO	
802.11ac 160M	U-NII-1	50	5250	MCS0	8.69	9.49	12.12	13.00	
	U-NII-2C	114	5570		8.79	9.61	12.23	13.00	
5GHz	Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm) Ant6	Average Power (dBm) Ant7	Average Power (dBm) MIMO	Tune up(dBm) MIMO	
802.11AX-20	U-NII-1	36	5180	MCS0	8.76	9.61	12.22	13.00	
		40	5200		8.66	9.45	12.08	13.00	
		44	5220		8.66	9.59	12.16	13.00	
		48	5240		8.61	9.50	12.09	13.00	
	U-NII-2A	52	5260		8.86	9.90	12.42	13.00	
		56	5280		9.00	9.72	12.39	13.00	
		60	5300		8.87	9.93	12.44	13.00	
		64	5320		8.88	9.87	12.41	13.00	
	U-NII-2C	100	5500		8.42	9.77	12.16	13.00	
		104	5520		8.51	9.80	12.21	13.00	
		108	5540		8.60	9.89	12.30	13.00	
		112	5560		8.71	9.73	12.26	13.00	
		116	5580		8.59	9.74	12.21	13.00	
		120	5600		8.49	9.72	12.16	13.00	
		124	5620		8.46	9.75	12.16	13.00	
		128	5640		8.53	9.76	12.20	13.00	
		132	5660		8.73	9.95	12.39	13.00	
		136	5680		8.66	9.85	12.31	13.00	
	U-NII-3	140	5700		8.62	9.83	12.28	13.00	
		144	5720		8.62	9.69	12.20	13.00	
		149	5745		8.81	9.60	12.23	13.00	
		153	5765		8.68	9.80	12.29	13.00	
			157		5785	8.75	9.81	12.32	13.00
			161		5805	8.67	9.75	12.25	13.00



5GHz	Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm) Ant6	Average Power (dBm) Ant7	Average Power (dBm) MIMO	Tune up(dBm) MIMO		
802.11AX-40	U-NII-1	38	5190	MCS0	8.80	9.51	12.18	13.00		
		46	5230		8.77	9.24	12.02	13.00		
	U-NII-2A	54	5270		8.66	9.50	12.11	13.00		
		62	5310		8.61	9.62	12.15	13.00		
	U-NII-2C	102	5510		8.50	9.65	12.12	13.00		
		110	5550		8.49	9.68	12.14	13.00		
		118	5590		8.34	9.53	11.99	13.00		
		126	5630		8.38	9.57	12.03	13.00		
		134	5670		8.27	9.84	12.14	13.00		
		142	5710		8.34	9.79	12.14	13.00		
	U-NII-3	151	5755		8.61	9.66	12.18	13.00		
		159	5795		8.59	9.73	12.21	13.00		
	5GHz	Mode	Channel		Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm) Ant6	Average Power (dBm) Ant7	Average Power (dBm) MIMO	Tune up(dBm) MIMO
	802.11AX 80M	U-NII-1	42		5210	MCS0	8.37	9.68	12.08	13.00
58			5290	8.66	9.69		12.22	13.00		
U-NII-2C		106	5530	8.61	9.68		12.19	13.00		
		122	5610	8.69	9.80		12.29	13.00		
U-NII-3		138	5690	8.73	9.84		12.33	13.00		
		155	5775	8.62	9.70		12.20	13.00		
5GHz	Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm) Ant6	Average Power (dBm) Ant7	Average Power (dBm) MIMO	Tune up(dBm) MIMO		
802.11AX 160M	U-NII-1	50	5250	MCS0	8.7	9.6	12.18	13.00		
		114	5570		8.61	9.72	12.21	13.00		
5GHz	Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm) Ant6	Average Power (dBm) Ant7	Average Power (dBm) MIMO	Tune up(dBm) MIMO		
802.11BE-20	U-NII-1	36	5180	MCS0	8.71	9.51	12.14	13.00		
		40	5200		8.61	9.45	12.06	13.00		
		44	5220		8.56	9.54	12.09	13.00		
		48	5240		8.65	9.58	12.15	13.00		
	U-NII-2A	52	5260		8.62	9.84	12.28	13.00		
		56	5280		8.63	9.72	12.22	13.00		
		60	5300		8.61	9.72	12.21	13.00		
		64	5320		8.64	9.62	12.17	13.00		
	U-NII-2C	100	5500		8.54	9.75	12.20	13.00		
		104	5520		8.49	9.89	12.26	13.00		

		108	5540		8.56	9.85	12.26	13.00
		112	5560		8.67	9.86	12.32	13.00
		116	5580		8.66	9.91	12.34	13.00
		120	5600		8.50	9.83	12.23	13.00
		124	5620		8.44	9.93	12.26	13.00
		128	5640		8.45	9.75	12.16	13.00
		132	5660		8.70	9.81	12.30	13.00
		136	5680		8.63	9.92	12.33	13.00
		140	5700		8.76	9.75	12.29	13.00
		144	5720		8.70	9.74	12.26	13.00
	U-NII-3	149	5745		8.65	9.73	12.23	13.00
		153	5765		8.68	9.78	12.28	13.00
		157	5785		8.82	9.91	12.41	13.00
		161	5805		8.67	9.88	12.33	13.00
		165	5825		8.58	9.79	12.24	13.00
5GHz	Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm) Ant6	Average Power (dBm) Ant7	Average Power (dBm) MIMO	Tune up(dBm) MIMO
802.11BE-40	U-NII-1	38	5190	MCS0	8.91	9.43	12.19	13.00
		46	5230		8.67	9.41	12.07	13.00
	U-NII-2A	54	5270		8.70	9.60	12.18	13.00
		62	5310		8.71	9.60	12.19	13.00
	U-NII-2C	102	5510		8.58	9.69	12.18	13.00
		110	5550		8.47	9.75	12.17	13.00
		118	5590		8.38	9.58	12.03	13.00
		126	5630		8.33	9.66	12.06	13.00
		134	5670		8.36	9.77	12.13	13.00
	U-NII-3	142	5710		8.32	9.69	12.07	13.00
		151	5755		8.64	9.70	12.21	13.00
		159	5795		8.76	9.81	12.33	13.00
	5GHz	Mode	Channel		Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm) Ant6	Average Power (dBm) Ant7
802.11BE 80M	U-NII-1	42	5210	MCS0	8.44	9.77	12.17	13.00
		58	5290		8.79	9.70	12.28	13.00
	U-NII-2C	106	5530		8.63	9.72	12.22	13.00
		122	5610		8.69	9.72	12.25	13.00
		138	5690		8.79	9.79	12.33	13.00
	U-NII-3	155	5775		8.71	9.79	12.29	13.00
5GHz	Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm) Ant6	Average Power (dBm) Ant7	Average Power (dBm) MIMO	Tune up(dBm) MIMO
802.11BE	U-NII-	50	5250	MCS0	8.61	9.72	12.21	13.00

160M	1							
	U-NII-2C	114	5570		8.77	9.86	12.36	13.00

WIFI 5G Head DBS								
5GHz	Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm) Ant6	Average Power (dBm) Ant7	Average Power (dBm) MIMO	Tune up(dBm) MIMO
802.11a	U-NII-1	36	5180	6	10.64	11.56	14.13	15.00
		40	5200		10.66	11.50	14.11	15.00
		44	5220		10.54	11.78	14.21	15.00
		48	5240		10.40	11.53	14.01	15.00
	U-NII-2A	52	5260		10.53	11.66	14.14	15.00
		56	5280		10.53	11.71	14.17	15.00
		60	5300		10.84	11.51	14.20	15.00
		64	5320		10.68	11.68	14.22	15.00
	U-NII-2C	100	5500		10.39	11.78	14.15	15.00
		104	5520		10.48	11.83	14.22	15.00
		108	5540		10.49	11.74	14.17	15.00
		112	5560		10.38	11.62	14.05	15.00
		116	5580		10.57	11.83	14.26	15.00
		120	5600		10.39	11.74	14.13	15.00
		124	5620		10.50	11.64	14.12	15.00
		128	5640		10.51	11.70	14.16	15.00
		132	5660		10.64	11.71	14.22	15.00
		136	5680		10.63	11.63	14.17	15.00
	U-NII-3	140	5700		10.62	11.69	14.20	15.00
		144	5720		10.51	11.87	14.25	15.00
149		5745	10.61	11.71	14.21	15.00		
153		5765	10.60	11.75	14.22	15.00		
157		5785	10.43	11.68	14.11	15.00		
161		5805	10.46	11.68	14.12	15.00		
		165	5825	10.42	11.64	14.08	15.00	
5GHz	Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm) Ant6	Average Power (dBm) Ant7	Average Power (dBm) MIMO	Tune up(dBm) MIMO
802.11n-HT20	U-NII-1	36	5180	MCS0	10.76	11.60	14.21	15.00
		40	5200		10.61	11.52	14.10	15.00
		44	5220		10.69	11.55	14.15	15.00
		48	5240		10.76	11.56	14.19	15.00
	U-NII-2A	52	5260		10.73	11.78	14.30	15.00
		56	5280		10.91	11.69	14.33	15.00
		60	5300		10.77	11.54	14.18	15.00



5GHz	Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm) Ant6	Average Power (dBm) Ant7	Average Power (dBm) MIMO	Tune up(dBm) MIMO	
	U-NII-2C	64	5320		10.78	11.79	14.32	15.00	
		100	5500		10.46	11.68	14.12	15.00	
		104	5520		10.46	11.75	14.16	15.00	
		108	5540		10.44	11.83	14.20	15.00	
		112	5560		10.51	11.60	14.10	15.00	
		116	5580		10.64	11.68	14.20	15.00	
		120	5600		10.54	11.88	14.27	15.00	
		124	5620		10.40	11.72	14.12	15.00	
		128	5640		10.56	11.78	14.22	15.00	
		132	5660		10.60	11.77	14.23	15.00	
		136	5680		10.57	11.82	14.25	15.00	
		140	5700		10.63	11.85	14.29	15.00	
		144	5720		10.66	11.80	14.28	15.00	
		U-NII-3	149		5745	10.63	11.76	14.24	15.00
	153		5765		10.67	11.69	14.22	15.00	
	157		5785		10.68	11.83	14.30	15.00	
	161		5805		10.65	11.72	14.23	15.00	
	165		5825		10.59	11.72	14.20	15.00	
	5GHz	Mode	Channel		Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm) Ant6	Average Power (dBm) Ant7	Average Power (dBm) MIMO
802.11ac-40	U-NII-1	38	5190	MCS0	10.75	11.48	14.14	15.00	
		46	5230		10.59	11.24	13.94	15.00	
	U-NII-2A	54	5270		10.51	11.37	13.97	15.00	
		62	5310		10.56	11.59	14.12	15.00	
	U-NII-2C	102	5510		10.40	11.57	14.03	15.00	
		110	5550		10.39	11.58	14.04	15.00	
		118	5590		10.26	11.48	13.92	15.00	
		126	5630		10.39	11.55	14.02	15.00	
		134	5670		10.44	11.68	14.11	15.00	
		142	5710		10.32	11.85	14.16	15.00	
	U-NII-3	151	5755		10.49	11.64	14.11	15.00	
		159	5795		10.58	11.69	14.18	15.00	
	5GHz	Mode	Channel		Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm) Ant6	Average Power (dBm) Ant7	Average Power (dBm) MIMO
802.11ac 80M	U-NII-1	42	5210	MCS0	10.40	11.59	14.05	15.00	
	U-NII-2A	58	5290		10.70	11.63	14.20	15.00	
	U-NII-2C	106	5530		10.49	11.67	14.13	15.00	
		122	5610		10.50	11.79	14.20	15.00	
		138	5690		10.52	11.73	14.18	15.00	
	U-NII-3	155	5775		10.67	11.63	14.19	15.00	

5GHz	Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm) Ant6	Average Power (dBm) Ant7	Average Power (dBm) MIMO	Tune up(dBm) MIMO		
802.11ac 160M	U-NII-1	50	5250	MCS0	10.66	11.48	14.10	15		
	U-NII-2C	114	5570		10.87	11.59	14.26	15		
5GHz	Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm) Ant6	Average Power (dBm) Ant7	Average Power (dBm) MIMO	Tune up(dBm) MIMO		
802.11AX- 20	U-NII-1	36	5180	MCS0	10.75	11.61	14.21	15.00		
		40	5200		10.54	11.59	14.11	15.00		
		44	5220		10.66	11.46	14.09	15.00		
		48	5240		10.60	11.48	14.07	15.00		
	U-NII-2A	52	5260		10.99	11.95	14.51	15.00		
		56	5280		10.96	11.80	14.41	15.00		
		60	5300		10.92	11.88	14.44	15.00		
		64	5320		11.00	11.79	14.42	15.00		
	U-NII-2C	100	5500		10.50	11.77	14.19	15.00		
		104	5520		10.58	11.73	14.20	15.00		
		108	5540		10.44	11.85	14.21	15.00		
		112	5560		10.63	11.81	14.27	15.00		
		116	5580		10.63	11.86	14.30	15.00		
		120	5600		10.48	11.82	14.21	15.00		
		124	5620		10.60	11.94	14.33	15.00		
		128	5640		10.43	11.74	14.14	15.00		
		132	5660		10.73	11.92	14.38	15.00		
		136	5680		10.77	11.91	14.39	15.00		
		140	5700		10.73	11.73	14.27	15.00		
		144	5720		10.78	11.65	14.25	15.00		
	U-NII-3	149	5745		10.74	11.62	14.21	15.00		
		153	5765		10.60	11.82	14.26	15.00		
		157	5785		10.78	11.94	14.41	15.00		
		161	5805		10.66	11.89	14.33	15.00		
		165	5825		10.60	11.90	14.31	15.00		
	5GHz	Mode	Channel		Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm) Ant6	Average Power (dBm) Ant7	Average Power (dBm) MIMO	Tune up(dBm) MIMO
	802.11AX- 40	U-NII-1	38		5190	MCS0	10.86	11.39	14.14	15.00
			46		5230		10.64	11.22	13.95	15.00
U-NII-2A		54	5270	10.53	11.40		14.00	15.00		
		62	5310	10.59	11.48		14.07	15.00		
U-NII-2C		102	5510	10.47	11.74		14.16	15.00		
		110	5550	10.41	11.62		14.07	15.00		
		118	5590	10.36	11.57		14.02	15.00		

5GHz	Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm) Ant6	Average Power (dBm) Ant7	Average Power (dBm) MIMO	Tune up(dBm) MIMO
	U-NII-3	126	5630		10.40	11.64	14.07	15.00
		134	5670		10.32	11.69	14.07	15.00
		142	5710		10.38	11.79	14.15	15.00
		151	5755		10.56	11.76	14.21	15.00
		159	5795		10.61	11.73	14.22	15.00
802.11AX 80M	Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm) Ant6	Average Power (dBm) Ant7	Average Power (dBm) MIMO	Tune up(dBm) MIMO
	U-NII-1	42	5210	MCS0	10.35	11.67	14.07	15.00
	U-NII-2A	58	5290		10.67	11.66	14.20	15.00
	U-NII-2C	106	5530		10.63	11.61	14.16	15.00
		122	5610		10.67	11.78	14.27	15.00
		138	5690		10.65	11.78	14.26	15.00
	U-NII-3	155	5775		10.66	11.82	14.29	15.00
802.11AX 160M	Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm) Ant6	Average Power (dBm) Ant7	Average Power (dBm) MIMO	Tune up(dBm) MIMO
	U-NII-1	50	5250	MCS0	10.68	11.72	14.24	15.00
	U-NII-2C	114	5570		10.65	11.66	14.19	15.00
802.11BE-20	Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm) Ant6	Average Power (dBm) Ant7	Average Power (dBm) MIMO	Tune up(dBm) MIMO
	U-NII-1	36	5180	MCS0	10.67	11.50	14.12	15.00
		40	5200		10.65	11.53	14.12	15.00
		44	5220		10.73	11.52	14.15	15.00
		48	5240		10.79	11.59	14.22	15.00
	U-NII-2A	52	5260		10.47	11.71	14.14	15.00
		56	5280		10.58	11.71	14.19	15.00
		60	5300		10.59	11.70	14.19	15.00
		64	5320		10.57	11.72	14.19	15.00
	U-NII-2C	100	5500		10.45	11.85	14.22	15.00
		104	5520		10.49	11.91	14.27	15.00
		108	5540		10.46	11.90	14.25	15.00
		112	5560		10.76	11.95	14.41	15.00
		116	5580		10.68	11.88	14.33	15.00
		120	5600		10.64	11.97	14.37	15.00
		124	5620		10.61	11.90	14.31	15.00
		128	5640		10.46	11.83	14.21	15.00
		132	5660		10.63	11.96	14.36	15.00
		136	5680		10.75	11.89	14.37	15.00
	U-NII-3	140	5700		10.64	11.90	14.33	15.00
		144	5720		10.72	11.77	14.29	15.00
149	5745	10.72	11.69	14.24	15.00			

5GHz	Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm) Ant6	Average Power (dBm) Ant7	Average Power (dBm) MIMO	Tune up(dBm) MIMO		
		153	5765		10.82	11.81	14.35	15.00		
		157	5785		10.67	11.98	14.38	15.00		
		161	5805		10.82	11.80	14.35	15.00		
		165	5825		10.78	11.85	14.36	15.00		
5GHz	Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm) Ant6	Average Power (dBm) Ant7	Average Power (dBm) MIMO	Tune up(dBm) MIMO		
802.11BE-40	U-NII-1	38	5190	MCS0	10.79	11.48	14.16	15.00		
		46	5230		10.72	11.34	14.05	15.00		
	U-NII-2A	54	5270		10.58	11.54	14.10	15.00		
		62	5310		10.67	11.51	14.12	15.00		
	U-NII-2C	102	5510		10.49	11.62	14.10	15.00		
		110	5550		10.58	11.65	14.16	15.00		
		118	5590		10.24	11.66	14.02	15.00		
		126	5630		10.35	11.57	14.01	15.00		
		134	5670		10.34	11.68	14.07	15.00		
		142	5710		10.28	11.69	14.05	15.00		
	U-NII-3	151	5755		10.64	11.64	14.18	15.00		
		159	5795		10.73	11.80	14.31	15.00		
	5GHz	Mode	Channel		Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm) Ant6	Average Power (dBm) Ant7	Average Power (dBm) MIMO	Tune up(dBm) MIMO
	802.11BE 80M	U-NII-1	42		5210	MCS0	10.51	11.68	14.14	15.00
U-NII-2A		58	5290	10.76	11.81		14.33	15.00		
U-NII-2C		106	5530	10.57	11.73		14.20	15.00		
		122	5610	10.66	11.79		14.27	15.00		
		138	5690	10.65	11.76		14.25	15.00		
U-NII-3		155	5775	10.59	11.83		14.26	15.00		
5GHz	Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm) Ant6	Average Power (dBm) Ant7	Average Power (dBm) MIMO	Tune up(dBm) MIMO		
802.11BE 160M	U-NII-1	50	5250	MCS0	10.59	11.69	14.19	15.00		
	U-NII-2C	114	5570		10.76	11.69	14.26	15.00		

WIFI 5G Head DBS Simultaneous								
5GHz	Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm) Ant6	Average Power (dBm) Ant7	Average Power (dBm) MIMO	Tune up(dBm) MIMO
802.11a	U-NII-1	36	5180	6	6.73	7.55	10.17	11.00
		40	5200		6.69	7.35	10.04	11.00
		44	5220		6.44	7.69	10.12	11.00
		48	5240		6.51	7.49	10.04	11.00
	U-NII-2A	52	5260		6.53	7.50	10.05	11.00



5GHz	Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm) Ant6	Average Power (dBm) Ant7	Average Power (dBm) MIMO	Tune up(dBm) MIMO	
802.11n- HT20	U-NII-2C	56	5280	MCS0	6.57	7.70	10.18	11.00	
		60	5300		6.82	7.71	10.30	11.00	
		64	5320		6.63	7.77	10.25	11.00	
		100	5500		6.38	7.77	10.14	11.00	
		104	5520		6.51	7.83	10.23	11.00	
		108	5540		6.43	7.74	10.14	11.00	
		112	5560		6.40	7.63	10.07	11.00	
		116	5580		6.63	7.87	10.30	11.00	
		120	5600		6.55	7.60	10.12	11.00	
		124	5620		6.48	7.70	10.14	11.00	
		128	5640		6.50	7.64	10.12	11.00	
		132	5660		6.53	7.83	10.24	11.00	
		136	5680		6.76	7.75	10.29	11.00	
		140	5700		6.76	7.77	10.30	11.00	
		144	5720		6.56	7.80	10.23	11.00	
		U-NII-3	149		5745	6.51	7.79	10.21	11.00
	153		5765		6.65	7.69	10.21	11.00	
	157		5785		6.58	7.66	10.16	11.00	
	161		5805		6.57	7.72	10.19	11.00	
	165		5825		6.55	7.64	10.14	11.00	
	U-NII-1	36	5180		6.61	7.58	10.13	11.00	
		40	5200		6.57	7.50	10.07	11.00	
		44	5220		6.72	7.60	10.19	11.00	
		48	5240		6.74	7.55	10.17	11.00	
		U-NII-2A	52		5260	6.72	7.68	10.24	11.00
			56		5280	6.77	7.76	10.30	11.00
			60		5300	6.82	7.60	10.24	11.00
			64		5320	6.78	7.89	10.38	11.00
U-NII-2C		100	5500	6.27	7.74	10.08	11.00		
		104	5520	6.29	7.74	10.09	11.00		
		108	5540	6.37	7.72	10.11	11.00		
		112	5560	6.55	7.57	10.10	11.00		
		116	5580	6.53	7.68	10.15	11.00		
		120	5600	6.58	7.77	10.23	11.00		
		124	5620	6.52	7.77	10.20	11.00		
		128	5640	6.42	7.68	10.11	11.00		
	132	5660	6.59	7.75	10.22	11.00			
	136	5680	6.50	7.74	10.17	11.00			
140	5700	6.53	7.83	10.24	11.00				
144	5720	6.59	7.63	10.15	11.00				

5GHz	Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm) Ant6	Average Power (dBm) Ant7	Average Power (dBm) MIMO	Tune up(dBm) MIMO		
	U-NII-3	149	5745		6.59	7.67	10.17	11.00		
		153	5765		6.68	7.77	10.27	11.00		
		157	5785		6.68	7.75	10.26	11.00		
		161	5805		6.71	7.73	10.26	11.00		
		165	5825		6.55	7.63	10.13	11.00		
5GHz	Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm) Ant6	Average Power (dBm) Ant7	Average Power (dBm) MIMO	Tune up(dBm) MIMO		
802.11n-HT40	U-NII-1	38	5190	MCS0	6.75	7.90	10.37	11.00		
		46	5230		6.58	7.89	10.29	11.00		
	U-NII-2A	54	5270		6.52	7.47	10.03	11.00		
		62	5310		6.38	7.33	9.89	11.00		
	U-NII-2C	102	5510		6.44	7.57	10.05	11.00		
		110	5550		6.26	7.67	10.03	11.00		
		118	5590		6.01	7.55	9.86	11.00		
		126	5630		6.27	7.59	9.99	11.00		
		134	5670		6.29	7.76	10.10	11.00		
		142	5710		6.38	7.71	10.11	11.00		
	U-NII-3	151	5755		6.59	7.70	10.19	11.00		
		159	5795		6.52	7.63	10.12	11.00		
	5GHz	Mode	Channel		Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm) Ant6	Average Power (dBm) Ant7	Average Power (dBm) MIMO	Tune up(dBm) MIMO
	802.11ac-20	U-NII-1	36		5180	MCS0	6.68	7.50	10.12	11.00
40			5200	6.57	7.62		10.14	11.00		
44			5220	6.70	7.61		10.19	11.00		
48			5240	6.67	7.60		10.17	11.00		
U-NII-2A		52	5260	6.88	7.66		10.30	11.00		
		56	5280	6.82	7.81		10.35	11.00		
		60	5300	6.77	7.58		10.20	11.00		
U-NII-2C		64	5320	6.82	7.89		10.40	11.00		
		100	5500	6.38	7.76		10.13	11.00		
		104	5520	6.39	7.83		10.18	11.00		
		108	5540	6.41	7.84		10.19	11.00		
		112	5560	6.49	7.66		10.12	11.00		
		116	5580	6.62	7.68		10.19	11.00		
		120	5600	6.60	7.81		10.26	11.00		
		124	5620	6.53	7.74		10.19	11.00		
		128	5640	6.45	7.75		10.16	11.00		
		132	5660	6.51	7.85		10.24	11.00		
		136	5680	6.57	7.72		10.19	11.00		
140	5700	6.57	7.74	10.20	11.00					
144	5720	6.70	7.73	10.26	11.00					

5GHz	Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm) Ant6	Average Power (dBm) Ant7	Average Power (dBm) MIMO	Tune up(dBm) MIMO		
	U-NII-3	149	5745		6.60	7.69	10.19	11.00		
		153	5765		6.67	7.70	10.23	11.00		
		157	5785		6.68	7.77	10.27	11.00		
		161	5805		6.65	7.77	10.26	11.00		
		165	5825		6.47	7.85	10.22	11.00		
5GHz	Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm) Ant6	Average Power (dBm) Ant7	Average Power (dBm) MIMO	Tune up(dBm) MIMO		
802.11ac-40	U-NII-1	38	5190	MCS0	6.77	7.51	10.17	11.00		
		46	5230		6.53	7.26	9.92	11.00		
	U-NII-2A	54	5270		6.62	7.53	10.11	11.00		
		62	5310		6.48	7.53	10.05	11.00		
	U-NII-2C	102	5510		6.47	7.72	10.15	11.00		
		110	5550		6.28	7.59	9.99	11.00		
		118	5590		6.25	7.39	9.87	11.00		
		126	5630		6.31	7.62	10.02	11.00		
		134	5670		6.38	7.74	10.12	11.00		
		142	5710		6.44	7.83	10.20	11.00		
	U-NII-3	151	5755		6.53	7.66	10.14	11.00		
		159	5795		6.54	7.77	10.21	11.00		
	5GHz	Mode	Channel		Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm) Ant6	Average Power (dBm) Ant7	Average Power (dBm) MIMO	Tune up(dBm) MIMO
	802.11ac 80M	U-NII-1	42		5210	MCS0	6.35	7.58	10.02	11.00
U-NII-2A		58	5290	6.63	7.62		10.16	11.00		
U-NII-2C		106	5530	6.57	7.61		10.13	11.00		
		122	5610	6.62	7.73		10.22	11.00		
		138	5690	6.70	7.69		10.23	11.00		
U-NII-3		155	5775	6.63	7.74		10.23	11.00		
5GHz		Mode	Channel	Frequency(MHz)	Data Rate(Mbps)		Average Power (dBm) Ant6	Average Power (dBm) Ant7	Average Power (dBm) MIMO	Tune up(dBm) MIMO
802.11ac 160M	U-NII-1	50	5250	MCS0	6.54	7.54	10.08	11.00		
	U-NII-2C	114	5570		6.79	7.61	10.23	11.00		
5GHz	Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm) Ant6	Average Power (dBm) Ant7	Average Power (dBm) MIMO	Tune up(dBm) MIMO		
802.11AX-20	U-NII-1	36	5180	MCS0	6.70	7.47	10.11	11.00		
		40	5200		6.60	7.41	10.03	11.00		
		44	5220		6.69	7.55	10.15	11.00		
		48	5240		6.62	7.60	10.15	11.00		
	U-NII-2A	52	5260		6.97	7.91	10.48	11.00		
		56	5280		6.85	7.77	10.34	11.00		
		60	5300		6.92	7.93	10.46	11.00		

	U-NII-2C	64	5320		6.86	7.75	10.34	11.00
		100	5500		6.38	7.70	10.10	11.00
		104	5520		6.44	7.84	10.21	11.00
		108	5540		6.45	7.84	10.21	11.00
		112	5560		6.68	7.77	10.27	11.00
		116	5580		6.70	7.73	10.26	11.00
		120	5600		6.65	7.90	10.33	11.00
		124	5620		6.48	7.85	10.23	11.00
		128	5640		6.51	7.73	10.17	11.00
		132	5660		6.60	7.82	10.26	11.00
		136	5680		6.62	7.81	10.27	11.00
		140	5700		6.59	7.85	10.28	11.00
		144	5720		6.77	7.80	10.33	11.00
		U-NII-3	149		5745	6.68	7.59	10.17
	153		5765		6.73	7.83	10.33	11.00
	157		5785		6.70	7.87	10.33	11.00
	161		5805		6.77	7.85	10.35	11.00
	165		5825		6.70	7.80	10.30	11.00
	5GHz	Mode	Channel		Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm) Ant6	Average Power (dBm) Ant7
802.11AX-40	U-NII-1	38	5190	MCS0	6.90	7.56	10.25	11.00
		46	5230		6.76	7.35	10.08	11.00
	U-NII-2A	54	5270		6.53	7.42	10.01	11.00
		62	5310		6.41	7.59	10.05	11.00
	U-NII-2C	102	5510		6.53	7.73	10.18	11.00
		110	5550		6.44	7.61	10.07	11.00
		118	5590		6.30	7.48	9.94	11.00
		126	5630		6.36	7.60	10.03	11.00
		134	5670		6.31	7.69	10.06	11.00
	U-NII-3	142	5710		6.26	7.62	10.00	11.00
		151	5755		6.70	7.69	10.23	11.00
		159	5795		6.54	7.77	10.21	11.00
	5GHz	Mode	Channel		Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm) Ant6	Average Power (dBm) Ant7
802.11AX 80M	U-NII-1	42	5210	MCS0	6.45	7.75	10.16	11.00
	U-NII-2A	58	5290		6.56	7.77	10.22	11.00
	U-NII-2C	106	5530		6.53	7.57	10.09	11.00
		122	5610		6.74	7.69	10.25	11.00
		138	5690		6.63	7.80	10.26	11.00
	U-NII-3	155	5775		6.74	7.78	10.30	11.00

5GHz	Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm) Ant6	Average Power (dBm) Ant7	Average Power (dBm) MIMO	Tune up(dBm) MIMO		
802.11AX 160M	U-NII-1	50	5250	MCS0	6.55	7.75	10.20	11.00		
	U-NII-2C	114	5570		6.57	7.64	10.15	11.00		
5GHz	Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm) Ant6	Average Power (dBm) Ant7	Average Power (dBm) MIMO	Tune up(dBm) MIMO		
802.11BE- 20	U-NII-1	36	5180	MCS0	6.75	7.58	10.20	11.00		
		40	5200		6.51	7.60	10.10	11.00		
		44	5220		6.72	7.56	10.17	11.00		
		48	5240		6.78	7.69	10.27	11.00		
	U-NII-2A	52	5260		6.52	7.87	10.26	11.00		
		56	5280		6.66	7.63	10.18	11.00		
		60	5300		6.64	7.76	10.25	11.00		
		64	5320		6.68	7.58	10.16	11.00		
	U-NII-2C	100	5500		6.43	7.72	10.13	11.00		
		104	5520		6.45	7.79	10.18	11.00		
		108	5540		6.52	7.89	10.27	11.00		
		112	5560		6.70	7.88	10.34	11.00		
		116	5580		6.71	7.86	10.33	11.00		
		120	5600		6.68	7.98	10.39	11.00		
		124	5620		6.59	7.78	10.24	11.00		
		128	5640		6.59	7.75	10.22	11.00		
		132	5660		6.62	7.82	10.27	11.00		
		136	5680		6.59	7.97	10.34	11.00		
		140	5700		6.79	7.81	10.34	11.00		
		144	5720		6.68	7.75	10.26	11.00		
	U-NII-3	149	5745		6.82	7.75	10.32	11.00		
		153	5765		6.75	7.69	10.26	11.00		
		157	5785		6.78	7.94	10.41	11.00		
		161	5805		6.77	7.92	10.39	11.00		
		165	5825		6.59	7.77	10.23	11.00		
	5GHz	Mode	Channel		Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm) Ant6	Average Power (dBm) Ant7	Average Power (dBm) MIMO	Tune up(dBm) MIMO
	802.11BE- 40	U-NII-1	38		5190	MCS0	6.97	7.52	10.26	11.00
			46		5230		6.66	7.40	10.06	11.00
U-NII-2A		54	5270	6.60	7.50		10.08	11.00		
		62	5310	6.57	7.67		10.17	11.00		
U-NII-2C		102	5510	6.55	7.63		10.13	11.00		
		110	5550	6.59	7.72		10.20	11.00		
		118	5590	6.39	7.49		9.99	11.00		

5GHz	Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm) Ant6	Average Power (dBm) Ant7	Average Power (dBm) MIMO	Tune up(dBm) MIMO
	U-NII-3	126	5630		6.23	7.58	9.97	11.00
		134	5670		6.43	7.81	10.18	11.00
		142	5710		6.25	7.78	10.09	11.00
		151	5755		6.58	7.68	10.18	11.00
		159	5795		6.62	7.87	10.30	11.00
802.11BE 80M	U-NII-1	42	5210	MCS0	6.44	7.65	10.10	11.00
	U-NII-2A	58	5290		6.76	7.65	10.24	11.00
	U-NII-2C	106	5530		6.70	7.59	10.18	11.00
		122	5610		6.73	7.73	10.27	11.00
		138	5690		6.71	7.73	10.26	11.00
	U-NII-3	155	5775		6.61	7.81	10.26	11.00
802.11BE 160M	U-NII-1	50	5250	MCS0	6.7	7.78	10.28	11.00
	U-NII-2C	114	5570		6.68	7.85	10.31	11.00

WIFI 5G Body-worn&Handheld Standalone								
5GHz	Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm) Ant6	Average Power (dBm) Ant7	Average Power (dBm) MIMO	Tune up(dBm) MIMO
802.11a	U-NII-1	36	5180	6	16.99	17.54	20.28	21.00
		40	5200		16.96	17.44	20.22	21.00
		44	5220		16.76	17.70	20.27	21.00
		48	5240		16.88	17.55	20.24	21.00
	U-NII-2A	52	5260		16.84	17.54	20.21	21.00
		56	5280		16.91	17.62	20.29	21.00
		60	5300		17.08	17.57	20.34	21.00
	U-NII-2C	64	5320		17.00	17.77	20.41	21.00
		100	5500		15.66	16.77	19.26	20.00
		104	5520		15.77	16.80	19.33	20.00
		108	5540		15.71	16.79	19.29	20.00
		112	5560		15.78	16.75	19.30	20.00
		116	5580		15.89	16.76	19.36	20.00
		120	5600		15.72	16.73	19.26	20.00
		124	5620		15.74	16.75	19.28	20.00
		128	5640		15.82	16.57	19.22	20.00
		132	5660		15.95	16.82	19.42	20.00
	136	5680	15.92		16.71	19.34	20.00	
	140	5700	16.06		16.76	19.43	20.00	

5GHz	Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm) Ant6	Average Power (dBm) Ant7	Average Power (dBm) MIMO	Tune up(dBm) MIMO		
	U-NII-3	144	5720		15.85	16.90	19.42	20.00		
		149	5745		17.69	18.87	21.33	22.00		
		153	5765		17.71	18.77	21.28	22.00		
		157	5785		17.60	18.76	21.23	22.00		
		161	5805		17.64	18.86	21.30	22.00		
		165	5825		17.59	18.81	21.25	22.00		
5GHz	Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm) Ant6	Average Power (dBm) Ant7	Average Power (dBm) MIMO	Tune up(dBm) MIMO		
802.11n- HT20	U-NII-1	36	5180	MCS0	16.88	17.54	20.23	21.00		
		40	5200		16.86	17.53	20.22	21.00		
		44	5220		16.95	17.49	20.24	21.00		
		48	5240		16.99	17.48	20.25	21.00		
	U-NII-2A	52	5260		17.04	17.69	20.39	21.00		
		56	5280		17.08	17.78	20.45	21.00		
		60	5300		17.16	17.57	20.38	21.00		
	U-NII-2C	64	5320		17.12	17.81	20.49	21.00		
		100	5500		15.48	16.68	19.13	20.00		
		104	5520		15.69	16.83	19.31	20.00		
		108	5540		15.70	16.81	19.30	20.00		
		112	5560		15.81	16.60	19.23	20.00		
		116	5580		15.93	16.78	19.39	20.00		
		120	5600		15.90	16.83	19.40	20.00		
		124	5620		15.74	16.69	19.25	20.00		
		128	5640		15.66	16.67	19.20	20.00		
		132	5660		15.80	16.75	19.31	20.00		
	U-NII-3	136	5680		15.89	16.72	19.34	20.00		
		140	5700		15.83	16.68	19.29	20.00		
		144	5720		16.06	16.77	19.44	20.00		
		149	5745		17.69	18.87	21.33	22.00		
		153	5765		17.74	18.89	21.36	22.00		
		157	5785		17.80	18.84	21.36	22.00		
		U-NII-3	161		5805	17.74	18.83	21.33	22.00	
165			5825	17.59	18.79	21.24	22.00			
5GHz			Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm) Ant6	Average Power (dBm) Ant7	Average Power (dBm) MIMO	Tune up(dBm) MIMO
802.11n- HT40			U-NII-1	38	5190	MCS0	16.87	17.98	20.47	21.00
	46	5230		16.69	18.03		20.42	21.00		
	U-NII-2A	54	5270	16.90	17.47		20.20	21.00		
		62	5310	16.63	17.50		20.10	21.00		
	U-NII-2C	102	5510	15.61	16.60		19.14	20.00		
		110	5550	15.50	16.54		19.06	20.00		

5GHz	Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm) Ant6	Average Power (dBm) Ant7	Average Power (dBm) MIMO	Tune up(dBm) MIMO		
	U-NII-3	118	5590		15.32	16.43	18.92	20.00		
		126	5630		15.64	16.43	19.06	20.00		
		134	5670		15.53	16.81	19.23	20.00		
		142	5710		15.64	16.63	19.17	20.00		
		151	5755		17.13	18.24	20.73	21.50		
		159	5795		17.19	18.31	20.80	21.50		
5GHz	Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm) Ant6	Average Power (dBm) Ant7	Average Power (dBm) MIMO	Tune up(dBm) MIMO		
802.11ac-20	U-NII-1	36	5180	MCS0	17.05	17.54	20.31	21.00		
		40	5200		16.98	17.54	20.28	21.00		
		44	5220		16.98	17.49	20.25	21.00		
		48	5240		16.93	17.61	20.29	21.00		
	U-NII-2A	52	5260		17.19	17.66	20.44	21.00		
		56	5280		17.11	17.72	20.44	21.00		
		60	5300		17.11	17.62	20.38	21.00		
	U-NII-2C	64	5320		17.15	17.83	20.51	21.00		
		100	5500		15.64	16.66	19.19	20.00		
		104	5520		15.79	16.80	19.33	20.00		
		108	5540		15.79	16.70	19.28	20.00		
		112	5560		15.82	16.63	19.25	20.00		
		116	5580		15.91	16.69	19.33	20.00		
		120	5600		15.91	16.78	19.38	20.00		
		124	5620		15.82	16.72	19.30	20.00		
		128	5640		15.81	16.79	19.34	20.00		
		132	5660		15.81	16.75	19.32	20.00		
	U-NII-3	136	5680		15.98	16.86	19.45	20.00		
		140	5700		16.03	16.79	19.44	20.00		
		144	5720		15.95	16.65	19.32	20.00		
		149	5745		17.71	18.87	21.34	22.00		
		153	5765		17.76	18.81	21.33	22.00		
		U-NII-3	157		5785	17.86	18.89	21.42	22.00	
			161		5805	17.79	18.80	21.33	22.00	
			165		5825	17.64	18.86	21.30	22.00	
	5GHz	Mode	Channel		Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm) Ant6	Average Power (dBm) Ant7	Average Power (dBm) MIMO	Tune up(dBm) MIMO
	802.11ac-40	U-NII-1	38		5190	MCS0	15.38	16.06	18.74	19.50
			46		5230		15.20	15.88	18.56	19.50
U-NII-2A		54	5270	16.65	17.53		20.12	20.50		
		62	5310	16.59	17.61		20.14	20.50		
U-NII-2C		102	5510	15.73	16.64		19.22	20.00		
		110	5550	15.71	16.59		19.18	20.00		



5GHz	Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm) Ant6	Average Power (dBm) Ant7	Average Power (dBm) MIMO	Tune up(dBm) MIMO
	U-NII-3	118	5590		15.54	16.53	19.07	20.00
		126	5630		15.55	16.44	19.03	20.00
		134	5670		15.66	16.73	19.24	20.00
		142	5710		15.68	16.82	19.30	20.00
		151	5755		17.16	18.24	20.74	21.50
		159	5795		17.21	18.36	20.83	21.50
5GHz	Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm) Ant6	Average Power (dBm) Ant7	Average Power (dBm) MIMO	Tune up(dBm) MIMO
802.11ac 80M	U-NII-1	42	5210	MCS0	13.49	14.71	17.15	18.00
	U-NII-2A	58	5290		15.22	16.30	18.80	19.50
	U-NII-2C	106	5530		15.64	16.75	19.24	20.00
		122	5610		15.69	16.86	19.32	20.00
		138	5690		15.72	16.84	19.33	20.00
	U-NII-3	155	5775		15.69	16.79	19.29	20.00
5GHz	Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm) Ant6	Average Power (dBm) Ant7	Average Power (dBm) MIMO	Tune up(dBm) MIMO
802.11ac 160M	U-NII-1	50	5250	MCS0	14.21	15.13	17.70	18.50
	U-NII-2C	114	5570		11.98	12.71	15.37	16.00
5GHz	Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm) Ant6	Average Power (dBm) Ant7	Average Power (dBm) MIMO	Tune up(dBm) MIMO
802.11AX-20	U-NII-1	36	5180	MCS0	16.96	17.58	20.29	21.00
		40	5200		16.85	17.49	20.19	21.00
		44	5220		16.96	17.52	20.26	21.00
		48	5240		16.97	17.51	20.26	21.00
	U-NII-2A	52	5260		17.13	17.93	20.56	21.00
		56	5280		17.26	17.73	20.51	21.00
		60	5300		17.29	17.77	20.55	21.00
		64	5320		17.33	17.91	20.64	21.00
	U-NII-2C	100	5500		15.72	16.73	19.26	20.00
		104	5520		15.85	16.92	19.43	20.00
		108	5540		15.81	16.77	19.33	20.00
		112	5560		15.87	16.68	19.30	20.00
		116	5580		15.97	16.79	19.41	20.00
		120	5600		15.83	16.91	19.41	20.00
		124	5620		15.79	16.78	19.32	20.00
		128	5640		15.88	16.72	19.33	20.00
		132	5660		16.04	16.98	19.55	20.00
		136	5680		15.93	16.86	19.43	20.00
		140	5700		16.01	16.80	19.43	20.00
		144	5720		15.96	16.84	19.43	20.00

5GHz	Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm) Ant6	Average Power (dBm) Ant7	Average Power (dBm) MIMO	Tune up(dBm) MIMO
	U-NII-3	149	5745		17.83	18.79	21.35	22.00
		153	5765		17.79	18.83	21.35	22.00
		157	5785		17.88	18.99	21.48	22.00
		161	5805		17.81	18.94	21.42	22.00
		165	5825		17.76	18.97	21.42	22.00
5GHz	Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm) Ant6	Average Power (dBm) Ant7	Average Power (dBm) MIMO	Tune up(dBm) MIMO
802.11AX-40	U-NII-1	38	5190	MCS0	15.43	16.08	18.78	19.50
		46	5230		15.29	15.89	18.61	19.50
	U-NII-2A	54	5270		16.67	17.59	20.16	21.00
		62	5310		16.61	17.63	20.16	21.00
	U-NII-2C	102	5510		15.89	16.67	19.31	20.00
		110	5550		15.80	16.76	19.32	20.00
		118	5590		15.62	16.46	19.07	20.00
		126	5630		15.59	16.53	19.10	20.00
		134	5670		15.55	16.86	19.26	20.00
	U-NII-3	142	5710		15.60	16.63	19.16	20.00
		151	5755		17.21	18.29	20.79	21.50
	159	5795	17.24		18.38	20.86	21.50	
	5GHz	Mode	Channel		Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm) Ant6	Average Power (dBm) Ant7
802.11AX 80M	U-NII-1	42	5210	MCS0	13.51	14.78	17.20	18.00
	U-NII-2A	58	5290		15.23	16.31	18.81	19.50
	U-NII-2C	106	5530		15.69	16.76	19.27	20.00
		122	5610		15.78	16.84	19.35	20.00
		138	5690		15.79	16.89	19.39	20.00
	U-NII-3	155	5775		15.74	16.88	19.36	20.00
	5GHz	Mode	Channel		Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm) Ant6	Average Power (dBm) Ant7
802.11AX 160M	U-NII-1	50	5250	MCS0	14.72	15.78	18.29	19.00
	U-NII-2C	114	5570		13.23	14.31	16.81	17.50
5GHz	Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm) Ant6	Average Power (dBm) Ant7	Average Power (dBm) MIMO	Tune up(dBm) MIMO
802.11BE-20	U-NII-1	36	5180	MCS0	17.09	17.63	20.38	21.00
		40	5200		17.00	17.53	20.28	21.00
		44	5220		16.99	17.48	20.25	21.00
		48	5240		17.05	17.59	20.34	21.00
	U-NII-2A	52	5260		16.90	17.76	20.36	21.00
		56	5280		16.94	17.66	20.33	21.00
		60	5300		16.99	17.65	20.34	21.00

	U-NII-2C	64	5320		16.99	17.65	20.34	21.00
		100	5500		15.68	16.82	19.30	20.00
		104	5520		15.78	16.81	19.34	20.00
		108	5540		15.90	16.97	19.48	20.00
		112	5560		16.05	16.91	19.51	20.00
		116	5580		16.01	16.93	19.50	20.00
		120	5600		15.89	16.94	19.46	20.00
		124	5620		15.80	16.80	19.34	20.00
		128	5640		15.80	16.75	19.31	20.00
		132	5660		15.99	16.82	19.44	20.00
		136	5680		16.02	16.86	19.47	20.00
		140	5700		15.99	16.78	19.41	20.00
		144	5720		16.01	16.72	19.39	20.00
		U-NII-3	149		5745	17.85	18.83	21.38
	153		5765		17.83	18.86	21.39	22.00
	157		5785		17.83	19.10	21.52	22.00
	161		5805		17.84	18.98	21.46	22.00
	165		5825		17.78	18.91	21.39	22.00
5GHz	Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm) Ant6	Average Power (dBm) Ant7	Average Power (dBm) MIMO	Tune up(dBm) MIMO
802.11BE-40	U-NII-1	38	5190	MCS0	15.49	16.10	18.82	19.50
		46	5230		15.31	15.91	18.63	19.50
	U-NII-2A	54	5270		16.71	17.61	20.19	21.00
		62	5310		16.74	17.69	20.25	21.00
	U-NII-2C	102	5510		15.94	16.68	19.34	20.00
		110	5550		15.75	16.69	19.26	20.00
		118	5590		15.65	16.65	19.19	20.00
		126	5630		15.69	16.54	19.15	20.00
		134	5670		15.72	16.71	19.25	20.00
	U-NII-3	142	5710		15.63	16.76	19.24	20.00
		151	5755		17.23	18.33	20.83	21.50
		159	5795		17.26	18.39	20.87	21.50
5GHz	Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm) Ant6	Average Power (dBm) Ant7	Average Power (dBm) MIMO	Tune up(dBm) MIMO
802.11BE 80M	U-NII-1	42	5210	MCS0	13.59	14.81	17.25	18.00
	U-NII-2A	58	5290		15.31	16.32	18.85	19.50
	U-NII-2C	106	5530		15.76	16.78	19.31	20.00
		122	5610		15.84	16.84	19.38	20.00
		138	5690		15.82	16.91	19.41	20.00
	U-NII-3	155	5775		15.79	16.87	19.37	20.00

5GHz	Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm) Ant6	Average Power (dBm) Ant7	Average Power (dBm) MIMO	Tune up(dBm) MIMO
802.11BE 160M	U-NII-1	50	5250	MCS0	14.76	15.83	18.34	19.00
	U-NII-2C	114	5570		13.33	14.36	16.89	17.50

WIFI 5G Body-worn&Handheld Simultaneous								
5GHz	Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm) Ant6	Average Power (dBm) Ant7	Average Power (dBm) MIMO	Tune up(dBm) MIMO
802.11a	U-NII-1	36	5180	6	13.65	14.60	17.16	18.00
		40	5200		13.74	14.38	17.08	18.00
		44	5220		13.44	14.73	17.14	18.00
		48	5240		13.58	14.55	17.10	18.00
	U-NII-2A	52	5260		13.39	14.60	17.05	18.00
		56	5280		13.51	14.56	17.08	18.00
		60	5300		13.84	14.57	17.23	18.00
		64	5320		13.68	14.70	17.23	18.00
	U-NII-2C	100	5500		11.98	13.17	15.63	16.50
		104	5520		11.93	13.25	15.65	16.50
		108	5540		11.99	13.22	15.66	16.50
		112	5560		11.82	13.13	15.53	16.50
		116	5580		12.02	13.29	15.71	16.50
		120	5600		11.94	13.22	15.64	16.50
		124	5620		12.01	13.28	15.70	16.50
		128	5640		12.01	13.11	15.61	16.50
		132	5660		12.18	13.15	15.70	16.50
		136	5680		12.15	13.27	15.76	16.50
	U-NII-3	140	5700		12.18	13.35	15.81	16.50
		144	5720		12.16	13.37	15.82	16.50
		149	5745		13.63	14.86	17.30	22.00
		153	5765		13.54	14.75	17.20	22.00
		157	5785		13.56	14.60	17.12	22.00
			161		5805	13.62	14.80	17.26
		165	5825	13.43	14.80	17.18	22.00	
5GHz	Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm) Ant6	Average Power (dBm) Ant7	Average Power (dBm) MIMO	Tune up(dBm) MIMO
802.11n-HT20	U-NII-1	36	5180	MCS0	13.66	14.62	17.18	18.00
		40	5200		13.62	14.47	17.08	18.00
		44	5220		13.62	14.53	17.11	18.00
		48	5240		13.57	14.54	17.09	18.00
	U-NII-2A	52	5260		13.74	14.64	17.22	18.00

	U-NII-2C	56	5280		13.75	14.72	17.27	18.00
		60	5300		13.90	14.56	17.25	18.00
		64	5320		13.83	14.87	17.39	18.00
		100	5500		11.74	13.23	15.56	16.50
		104	5520		11.84	13.19	15.58	16.50
		108	5540		11.76	13.31	15.61	16.50
		112	5560		11.97	13.14	15.60	16.50
		116	5580		12.01	13.22	15.67	16.50
		120	5600		12.01	13.29	15.71	16.50
		124	5620		12.02	13.32	15.73	16.50
	128	5640	11.92		13.21	15.62	16.50	
	132	5660	11.98		13.14	15.61	16.50	
	136	5680	11.96		13.21	15.64	16.50	
	140	5700	12.17		13.32	15.79	16.50	
	144	5720	12.27		13.11	15.72	16.50	
	149	5745	13.49		14.85	17.23	22.00	
	153	5765	13.73		14.73	17.27	22.00	
	157	5785	13.67		14.81	17.29	22.00	
	161	5805	13.62		14.64	17.17	22.00	
	165	5825	13.45		14.72	17.14	22.00	
5GHz	Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm) Ant6	Average Power (dBm) Ant7	Average Power (dBm) MIMO	Tune up(dBm) MIMO
802.11n-HT40	U-NII-1	38	5190	MCS0	13.81	14.85	17.37	18.00
		46	5230		13.56	14.86	17.27	18.00
	U-NII-2A	54	5270		13.56	14.39	17.01	18.00
		62	5310		13.44	14.37	16.94	18.00
	U-NII-2C	102	5510		11.92	13.10	15.56	16.50
		110	5550		11.80	13.15	15.54	16.50
		118	5590		11.64	12.94	15.35	16.50
		126	5630		11.69	12.99	15.40	16.50
		134	5670		11.87	13.28	15.64	16.50
	U-NII-3	142	5710		11.70	13.06	15.44	16.50
151		5755	13.47	14.70	17.14	21.50		
159		5795	13.68	14.76	17.26	21.50		
5GHz	Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm) Ant6	Average Power (dBm) Ant7	Average Power (dBm) MIMO	Tune up(dBm) MIMO
802.11ac-20	U-NII-1	36	5180	MCS0	13.74	14.59	17.20	18.00
		40	5200		13.54	14.51	17.06	18.00
		44	5220		13.56	14.58	17.11	18.00
		48	5240		13.76	14.46	17.13	18.00
	U-NII-2A	52	5260		13.85	14.70	17.31	18.00

	U-NII-2C	56	5280		13.71	14.85	17.33	18.00
		60	5300		13.90	14.67	17.31	18.00
		64	5320		13.85	14.80	17.36	18.00
		100	5500		11.83	13.16	15.56	16.50
		104	5520		11.82	13.23	15.59	16.50
		108	5540		12.00	13.36	15.74	16.50
		112	5560		12.05	13.14	15.64	16.50
		116	5580		12.17	13.26	15.76	16.50
		120	5600		12.00	13.31	15.71	16.50
		124	5620		12.02	13.40	15.77	16.50
	128	5640	12.01		13.17	15.64	16.50	
	132	5660	12.02		13.35	15.75	16.50	
	136	5680	12.21		13.17	15.73	16.50	
	140	5700	12.24		13.17	15.74	16.50	
	144	5720	12.28		13.11	15.73	16.50	
	149	5745	13.56		14.78	17.22	22.00	
	153	5765	13.66		14.77	17.26	22.00	
	157	5785	13.78		14.82	17.34	22.00	
	161	5805	13.78		14.79	17.32	22.00	
	165	5825	13.52		14.83	17.23	22.00	
U-NII-3								
5GHz	Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm) Ant6	Average Power (dBm) Ant7	Average Power (dBm) MIMO	Tune up(dBm) MIMO
802.11ac-40	U-NII-1	38	5190	MCS0	13.83	14.41	17.14	18.00
		46	5230		13.51	14.22	16.89	18.00
	U-NII-2A	54	5270		13.57	14.37	17.00	18.00
		62	5310		13.41	14.54	17.02	18.00
	U-NII-2C	102	5510		11.98	13.16	15.62	16.50
		110	5550		11.85	13.16	15.56	16.50
		118	5590		11.65	13.06	15.42	16.50
		126	5630		11.76	13.09	15.49	16.50
		134	5670		11.78	13.28	15.60	16.50
	U-NII-3	142	5710		11.94	13.22	15.64	16.50
		151	5755		13.46	14.60	17.08	21.50
		159	5795		13.63	14.73	17.23	21.50
5GHz	Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm) Ant6	Average Power (dBm) Ant7	Average Power (dBm) MIMO	Tune up(dBm) MIMO
802.11ac 80M	U-NII-1	42	5210	MCS0	13.49	14.71	17.15	18.00
	U-NII-2A	58	5290		13.70	14.74	17.26	18.00
	U-NII-2C	106	5530		12.10	13.11	15.64	16.50
		122	5610		12.04	13.34	15.75	16.50
		138	5690		12.13	13.27	15.75	16.50

5GHz	Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm) Ant6	Average Power (dBm) Ant7	Average Power (dBm) MIMO	Tune up(dBm) MIMO		
	U-NII-3	155	5775		13.51	14.60	17.10	20.00		
802.11ac 160M	U-NII-1	50	5250	MCS0	13.59	14.62	17.15	18.00		
	U-NII-2C	114	5570		11.98	12.71	15.37	16.00		
5GHz	Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm) Ant6	Average Power (dBm) Ant7	Average Power (dBm) MIMO	Tune up(dBm) MIMO		
802.11AX-20	U-NII-1	36	5180	MCS0	13.75	14.54	17.17	18.00		
		40	5200		13.59	14.51	17.08	18.00		
		44	5220		13.62	14.59	17.14	18.00		
		48	5240		13.71	14.50	17.13	18.00		
	U-NII-2A	52	5260		13.95	14.80	17.41	18.00		
		56	5280		13.89	14.88	17.42	18.00		
		60	5300		13.87	14.90	17.43	18.00		
		64	5320		13.96	14.90	17.47	18.00		
		U-NII-2C	100		5500	12.01	13.34	15.74	16.50	
			104		5520	11.91	13.35	15.70	16.50	
	108		5540		12.02	13.39	15.77	16.50		
	112		5560		12.08	13.34	15.77	16.50		
	116		5580		12.20	13.25	15.77	16.50		
	120		5600		12.14	13.28	15.76	16.50		
	124		5620		11.95	13.42	15.76	16.50		
	128		5640		12.04	13.27	15.71	16.50		
	132		5660		12.13	13.37	15.80	16.50		
	136		5680		12.12	13.28	15.75	16.50		
	U-NII-3	140	5700		12.28	13.34	15.85	16.50		
		144	5720		12.22	13.27	15.79	16.50		
		149	5745		13.78	14.69	17.27	22.00		
		153	5765		13.60	14.78	17.24	22.00		
		157	5785		13.86	14.98	17.47	22.00		
		161	5805		13.61	14.86	17.29	22.00		
			165		5825	13.72	14.87	17.34	22.00	
	5GHz	Mode	Channel		Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm) Ant6	Average Power (dBm) Ant7	Average Power (dBm) MIMO	Tune up(dBm) MIMO
	802.11AX-40	U-NII-1	38		5190	MCS0	13.73	14.40	17.09	18.00
			46		5230		13.71	14.25	17.00	18.00
U-NII-2A		54	5270	13.66	14.44		17.08	18.00		
		62	5310	13.48	14.56		17.06	18.00		
U-NII-2C		102	5510	11.98	13.17		15.63	16.50		
		110	5550	11.96	13.14		15.60	16.50		

5GHz	Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm) Ant6	Average Power (dBm) Ant7	Average Power (dBm) MIMO	Tune up(dBm) MIMO
	U-NII-3	118	5590		11.83	12.97	15.45	16.50
		126	5630		11.78	13.14	15.52	16.50
		134	5670		11.90	13.25	15.64	16.50
		142	5710		11.73	13.14	15.50	16.50
		151	5755		13.71	14.79	17.29	21.50
		159	5795		13.62	14.79	17.25	21.50
5GHz	Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm) Ant6	Average Power (dBm) Ant7	Average Power (dBm) MIMO	Tune up(dBm) MIMO
802.11AX 80M	U-NII-1	42	5210	MCS0	13.51	14.78	17.20	18.00
	U-NII-2A	58	5290		13.68	14.67	17.21	18.00
	U-NII-2C	106	5530		12.00	13.06	15.57	16.50
		122	5610		12.14	13.24	15.74	16.50
		138	5690		12.12	13.36	15.79	16.50
	U-NII-3	155	5775		13.57	14.72	17.19	20.00
5GHz	Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm) Ant6	Average Power (dBm) Ant7	Average Power (dBm) MIMO	Tune up(dBm) MIMO
802.11AX 160M	U-NII-1	50	5250	MCS0	13.66	14.62	17.18	18.00
	U-NII-2C	114	5570		12.05	13.18	15.66	16.50
5GHz	Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm) Ant6	Average Power (dBm) Ant7	Average Power (dBm) MIMO	Tune up(dBm) MIMO
802.11BE-20	U-NII-1	36	5180	MCS0	13.73	14.58	17.19	18.00
		40	5200		13.66	14.57	17.15	18.00
		44	5220		13.62	14.62	17.16	18.00
		48	5240		13.80	14.50	17.17	18.00
	U-NII-2A	52	5260		13.48	14.88	17.25	18.00
		56	5280		13.62	14.57	17.13	18.00
		60	5300		13.65	14.74	17.24	18.00
		64	5320		13.64	14.60	17.16	18.00
	U-NII-2C	100	5500		11.89	13.33	15.68	16.50
		104	5520		12.01	13.43	15.79	16.50
		108	5540		12.13	13.38	15.81	16.50
		112	5560		12.17	13.28	15.77	16.50
		116	5580		12.19	13.42	15.86	16.50
		120	5600		12.04	13.48	15.83	16.50
		124	5620		12.03	13.25	15.69	16.50
		128	5640		11.95	13.35	15.72	16.50
		132	5660		12.18	13.30	15.79	16.50
		136	5680		12.18	13.38	15.83	16.50
		140	5700		12.28	13.37	15.87	16.50
		144	5720		12.26	13.25	15.79	16.50



5GHz	Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm) Ant6	Average Power (dBm) Ant7	Average Power (dBm) MIMO	Tune up(dBm) MIMO		
	U-NII-3	149	5745		13.85	14.83	17.38	22.00		
		153	5765		13.75	14.80	17.32	22.00		
		157	5785		13.68	14.98	17.39	22.00		
		161	5805		13.66	14.91	17.34	22.00		
		165	5825		13.60	14.72	17.21	22.00		
802.11BE-40	Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm) Ant6	Average Power (dBm) Ant7	Average Power (dBm) MIMO	Tune up(dBm) MIMO		
	U-NII-1	38	5190	MCS0	13.94	14.57	17.28	18.00		
		46	5230		13.64	14.39	17.04	18.00		
	U-NII-2A	54	5270		13.69	14.60	17.18	18.00		
		62	5310		13.66	14.53	17.13	18.00		
	U-NII-2C	102	5510		11.98	13.21	15.65	16.50		
		110	5550		12.03	13.09	15.60	16.50		
		118	5590		11.74	13.01	15.43	16.50		
		126	5630		11.91	13.07	15.54	16.50		
		134	5670		11.92	13.17	15.60	16.50		
		142	5710		11.93	13.20	15.62	16.50		
	U-NII-3	151	5755		13.59	14.68	17.18	21.50		
		159	5795		13.67	14.77	17.27	21.50		
	802.11BE 80M	Mode	Channel		Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm) Ant6	Average Power (dBm) Ant7	Average Power (dBm) MIMO	Tune up(dBm) MIMO
		U-NII-1	42		5210	MCS0	13.59	14.81	17.25	18.00
U-NII-2A		58	5290	13.76	14.77		17.30	18.00		
U-NII-2C		106	5530	12.13	13.12		15.66	16.50		
		122	5610	12.18	13.24		15.75	16.50		
		138	5690	12.17	13.26		15.76	16.50		
U-NII-3		155	5775	13.77	14.70		17.27	20.00		
802.11BE 160M	Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm) Ant6	Average Power (dBm) Ant7	Average Power (dBm) MIMO	Tune up(dBm) MIMO		
	U-NII-1	50	5250	MCS0	13.6	14.69	17.19	18.00		
	U-NII-2C	114	5570		12.25	13.16	15.74	16.50		

WIFI 5G Body-worn&Handheld DBS								
5GHz	Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm) Ant6	Average Power (dBm) Ant7	Average Power (dBm) MIMO	Tune up(dBm) MIMO
802.11a	U-NII-1	36	5180	6	13.62	14.64	17.17	18.00
		40	5200		13.79	14.48	17.16	18.00
		44	5220		13.48	14.70	17.14	18.00
		48	5240		13.54	14.50	17.06	18.00
	U-NII-2A	52	5260		13.54	14.52	17.07	18.00

5GHz	Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm) Ant6	Average Power (dBm) Ant7	Average Power (dBm) MIMO	Tune up(dBm) MIMO
802.11n- HT20	U-NII-1	36	5180	MCS0	13.58	14.52	17.09	18.00
		40	5200		13.64	14.65	17.18	18.00
		44	5220		13.61	14.54	17.11	18.00
		48	5240		13.74	14.50	17.15	18.00
	U-NII-2A	52	5260		13.85	14.68	17.30	18.00
		56	5280		13.91	14.68	17.32	18.00
		60	5300		13.79	14.54	17.19	18.00
		64	5320		13.86	14.71	17.32	18.00
	U-NII-2C	100	5500		13.63	15.21	17.50	18.50
		104	5520		13.91	15.29	17.66	18.50
		108	5540		13.95	15.34	17.71	18.50
		112	5560		14.09	15.19	17.69	18.50
		116	5580		14.12	15.22	17.72	18.50
		120	5600		14.08	15.17	17.67	18.50
		124	5620		13.89	15.38	17.71	18.50
		128	5640		13.93	15.16	17.60	18.50
		132	5660		14.01	15.13	17.62	18.50
		136	5680		14.09	15.16	17.67	18.50
		140	5700		14.18	15.31	17.79	18.50
		144	5720		14.14	15.20	17.71	18.50
U-NII-3	149	5745	17.69	18.87	21.33	22.00		
	153	5765	17.71	18.77	21.28	22.00		
	157	5785	17.60	18.76	21.23	22.00		
	161	5805	17.64	18.86	21.30	22.00		
	165	5825	17.59	18.81	21.25	22.00		

5GHz	Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm) Ant6	Average Power (dBm) Ant7	Average Power (dBm) MIMO	Tune up(dBm) MIMO
	U-NII-3	149	5745		17.69	18.87	21.33	22.00
		153	5765		17.74	18.89	21.36	22.00
		157	5785		17.80	18.84	21.36	22.00
		161	5805		17.74	18.83	21.33	22.00
		165	5825		17.59	18.79	21.24	22.00
5GHz	Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm) Ant6	Average Power (dBm) Ant7	Average Power (dBm) MIMO	Tune up(dBm) MIMO
802.11n-HT40	U-NII-1	38	5190	MCS0	13.71	14.81	17.31	18.00
		46	5230		13.53	15.00	17.34	18.00
	U-NII-2A	54	5270		13.61	14.47	17.07	18.00
		62	5310		13.37	14.35	16.90	18.00
	U-NII-2C	102	5510		13.93	15.19	17.62	18.50
		110	5550		13.79	15.13	17.52	18.50
		118	5590		13.58	15.02	17.37	18.50
		126	5630		13.71	15.03	17.43	18.50
		134	5670		13.77	15.23	17.57	18.50
	U-NII-3	142	5710		13.72	15.05	17.45	18.50
		151	5755		17.13	18.24	20.73	21.50
		159	5795		17.19	18.31	20.80	21.50
	5GHz	Mode	Channel		Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm) Ant6	Average Power (dBm) Ant7
802.11ac-20	U-NII-1	36	5180	MCS0	13.62	14.56	17.13	18.00
		40	5200		13.72	14.52	17.15	18.00
		44	5220		13.53	14.45	17.02	18.00
		48	5240		13.74	14.50	17.15	18.00
	U-NII-2A	52	5260		13.74	14.64	17.22	18.00
		56	5280		13.88	14.70	17.32	18.00
		60	5300		13.75	14.71	17.27	18.00
	U-NII-2C	64	5320		13.86	14.80	17.37	18.00
		100	5500		13.82	15.28	17.62	18.50
		104	5520		13.91	15.29	17.66	18.50
		108	5540		13.98	15.24	17.67	18.50
		112	5560		14.15	15.15	17.69	18.50
		116	5580		14.16	15.35	17.81	18.50
		120	5600		14.04	15.25	17.70	18.50
		124	5620		13.93	15.22	17.63	18.50
		128	5640		14.07	15.25	17.71	18.50
		132	5660		14.07	15.22	17.69	18.50
		136	5680		14.05	15.23	17.69	18.50
		140	5700		14.14	15.32	17.78	18.50
144	5720	14.15	15.18	17.71	18.50			

5GHz	Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm) Ant6	Average Power (dBm) Ant7	Average Power (dBm) MIMO	Tune up(dBm) MIMO
	U-NII-3	149	5745		17.71	18.87	21.34	22.00
		153	5765		17.76	18.81	21.33	22.00
		157	5785		17.86	18.89	21.42	22.00
		161	5805		17.79	18.80	21.33	22.00
		165	5825		17.64	18.86	21.30	22.00
5GHz	Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm) Ant6	Average Power (dBm) Ant7	Average Power (dBm) MIMO	Tune up(dBm) MIMO
802.11ac-40	U-NII-1	38	5190	MCS0	13.82	14.42	17.14	18.00
		46	5230		13.68	14.28	17.00	18.00
	U-NII-2A	54	5270		13.57	14.51	17.08	18.00
		62	5310		13.43	14.50	17.01	18.00
	U-NII-2C	102	5510		14.01	15.05	17.57	18.50
		110	5550		13.73	15.10	17.48	18.50
		118	5590		13.67	14.97	17.38	18.50
		126	5630		13.86	14.98	17.47	18.50
		134	5670		13.86	15.18	17.58	18.50
	U-NII-3	142	5710		13.90	15.35	17.70	18.50
		151	5755		17.16	18.24	20.74	21.50
		159	5795		17.21	18.36	20.83	21.50
	5GHz	Mode	Channel		Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm) Ant6	Average Power (dBm) Ant7
802.11ac 80M	U-NII-1	42	5210	MCS0	13.49	14.71	17.15	18.00
	U-NII-2A	58	5290		13.63	14.62	17.16	18.00
	U-NII-2C	106	5530		13.96	15.21	17.64	18.50
		122	5610		14.09	15.33	17.76	18.50
		138	5690		14.20	15.23	17.76	18.50
	U-NII-3	155	5775		15.69	16.79	19.29	20.00
	5GHz	Mode	Channel		Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm) Ant6	Average Power (dBm) Ant7
802.11ac 160M	U-NII-1	50	5250	MCS0	13.56	14.44	17.03	18.00
	U-NII-2C	114	5570		11.98	12.71	15.37	16.00
5GHz	Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm) Ant6	Average Power (dBm) Ant7	Average Power (dBm) MIMO	Tune up(dBm) MIMO
802.11AX-20	U-NII-1	36	5180	MCS0	13.77	14.48	17.15	18.00
		40	5200		13.59	14.56	17.11	18.00
		44	5220		13.54	14.54	17.08	18.00
		48	5240		13.69	14.63	17.20	18.00
	U-NII-2A	52	5260		13.79	14.87	17.37	18.00
		56	5280		13.91	14.83	17.40	18.00
		60	5300		13.92	14.92	17.46	18.00

5GHz	Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm) Ant6	Average Power (dBm) Ant7	Average Power (dBm) MIMO	Tune up(dBm) MIMO	
	U-NII-2C	64	5320		13.84	14.93	17.43	18.00	
		100	5500		13.86	15.36	17.68	18.50	
		104	5520		13.91	15.27	17.65	18.50	
		108	5540		13.94	15.32	17.69	18.50	
		112	5560		14.19	15.32	17.80	18.50	
		116	5580		14.07	15.24	17.70	18.50	
		120	5600		14.01	15.33	17.73	18.50	
		124	5620		14.05	15.36	17.76	18.50	
		128	5640		14.07	15.14	17.65	18.50	
		132	5660		14.23	15.45	17.89	18.50	
		136	5680		14.10	15.37	17.79	18.50	
		140	5700		14.20	15.34	17.82	18.50	
		144	5720		14.24	15.14	17.72	18.50	
		U-NII-3	149		5745	17.83	18.79	21.35	22.00
	153		5765		17.79	18.83	21.35	22.00	
	157		5785		17.88	18.99	21.48	22.00	
	161		5805		17.81	18.94	21.42	22.00	
	165		5825		17.76	18.97	21.42	22.00	
	5GHz	Mode	Channel		Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm) Ant6	Average Power (dBm) Ant7	Average Power (dBm) MIMO
802.11AX-40	U-NII-1	38	5190	MCS0	13.74	14.41	17.10	18.00	
		46	5230		13.65	14.30	17.00	18.00	
	U-NII-2A	54	5270		13.48	14.47	17.01	18.00	
		62	5310		13.44	14.47	17.00	18.00	
	U-NII-2C	102	5510		14.02	15.19	17.65	18.50	
		110	5550		13.95	15.17	17.61	18.50	
		118	5590		13.84	15.12	17.54	18.50	
		126	5630		13.89	15.10	17.55	18.50	
		134	5670		13.90	15.35	17.70	18.50	
		142	5710		13.89	15.24	17.63	18.50	
	U-NII-3	151	5755		17.21	18.29	20.79	21.50	
		159	5795		17.24	18.38	20.86	21.50	
5GHz	Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm) Ant6	Average Power (dBm) Ant7	Average Power (dBm) MIMO	Tune up(dBm) MIMO	
802.11AX 80M	U-NII-1	42	5210	MCS0	13.51	14.78	17.20	18.00	
	U-NII-2A	58	5290		13.58	14.68	17.18	18.00	
	U-NII-2C	106	5530		14.02	15.23	17.68	18.50	
		122	5610		14.27	15.24	17.79	18.50	
		138	5690		14.24	15.38	17.86	18.50	
	U-NII-3	155	5775		15.74	16.88	19.36	20.00	

5GHz	Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm) Ant6	Average Power (dBm) Ant7	Average Power (dBm) MIMO	Tune up(dBm) MIMO		
802.11AX 160M	U-NII-1	50	5250	MCS0	13.71	14.74	17.27	18.00		
	U-NII-2C	114	5570		13.23	14.31	16.81	17.50		
5GHz	Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm) Ant6	Average Power (dBm) Ant7	Average Power (dBm) MIMO	Tune up(dBm) MIMO		
802.11BE- 20	U-NII-1	36	5180	MCS0	13.69	14.63	17.20	18.00		
		40	5200		13.63	14.51	17.10	18.00		
		44	5220		13.56	14.61	17.13	18.00		
		48	5240		13.72	14.51	17.14	18.00		
	U-NII-2A	52	5260		13.54	14.85	17.25	18.00		
		56	5280		13.75	14.61	17.21	18.00		
		60	5300		13.55	14.74	17.20	18.00		
		64	5320		13.66	14.64	17.19	18.00		
	U-NII-2C	100	5500		13.94	15.23	17.64	18.50		
		104	5520		13.97	15.38	17.74	18.50		
		108	5540		13.95	15.37	17.73	18.50		
		112	5560		14.26	15.42	17.89	18.50		
		116	5580		14.05	15.36	17.76	18.50		
		120	5600		14.03	15.38	17.77	18.50		
		124	5620		13.97	15.35	17.72	18.50		
		128	5640		13.98	15.26	17.68	18.50		
		132	5660		14.22	15.32	17.82	18.50		
		136	5680		14.24	15.30	17.81	18.50		
		140	5700		14.21	15.40	17.86	18.50		
		144	5720		14.24	15.28	17.80	18.50		
	U-NII-3	149	5745		17.85	18.83	21.38	22.00		
		153	5765		17.83	18.86	21.39	22.00		
		157	5785		17.83	19.10	21.52	22.00		
		161	5805		17.84	18.98	21.46	22.00		
		165	5825		17.78	18.91	21.39	22.00		
	5GHz	Mode	Channel		Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm) Ant6	Average Power (dBm) Ant7	Average Power (dBm) MIMO	Tune up(dBm) MIMO
	802.11BE- 40	U-NII-1	38		5190	MCS0	13.98	14.58	17.30	18.00
			46		5230		13.79	14.37	17.10	18.00
U-NII-2A		54	5270	13.60	14.56		17.12	18.00		
		62	5310	13.58	14.66		17.16	18.00		
U-NII-2C		102	5510	14.01	15.24		17.68	18.50		
		110	5550	14.07	15.11		17.63	18.50		
		118	5590	13.77	15.03		17.46	18.50		

5GHz	Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm) Ant6	Average Power (dBm) Ant7	Average Power (dBm) MIMO	Tune up(dBm) MIMO
	U-NII-3	126	5630		13.86	15.15	17.56	18.50
		134	5670		13.91	15.25	17.64	18.50
		142	5710		13.79	15.22	17.57	18.50
		151	5755		17.23	18.33	20.83	21.50
		159	5795		17.26	18.39	20.87	21.50
802.11BE 80M	U-NII-1	42	5210	MCS0	13.59	14.81	17.25	18.00
U-NII-2A	58	5290	13.79		14.70	17.28	18.00	
U-NII-2C	106	5530	14.22		15.17	17.73	18.50	
	122	5610	14.20		15.16	17.72	18.50	
U-NII-3	138	5690	14.19		15.24	17.76	18.50	
	155	5775	15.79		16.87	19.37	20.00	
802.11BE 160M	U-NII-1	50	5250	MCS0	13.59	14.76	17.22	18.00
U-NII-2C	114	5570	13.33		14.36	16.89	17.50	

WIFI 5G Body-worn&Handheld DBS Simultaneous								
5GHz	Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm) Ant6	Average Power (dBm) Ant7	Average Power (dBm) MIMO	Tune up(dBm) MIMO
802.11a	U-NII-1	36	5180	6	10.62	11.71	14.21	15.00
		40	5200		10.79	11.48	14.16	15.00
		44	5220		10.45	11.69	14.12	15.00
		48	5240		10.42	11.63	14.08	15.00
	U-NII-2A	52	5260		10.42	11.58	14.05	15.00
		56	5280		10.59	11.65	14.16	15.00
		60	5300		10.87	11.69	14.31	15.00
		64	5320		10.67	11.71	14.23	15.00
	U-NII-2C	100	5500		8.90	10.26	12.64	13.50
		104	5520		8.94	10.29	12.68	13.50
		108	5540		9.02	10.31	12.72	13.50
		112	5560		8.98	10.21	12.65	13.50
		116	5580		9.01	10.37	12.75	13.50
		120	5600		8.89	10.14	12.57	13.50
		124	5620		9.08	10.21	12.69	13.50
		128	5640		9.14	10.20	12.71	13.50
		132	5660		9.18	10.22	12.74	13.50
		136	5680		9.06	10.13	12.64	13.50
		140	5700		9.16	10.25	12.75	13.50

5GHz	Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm) Ant6	Average Power (dBm) Ant7	Average Power (dBm) MIMO	Tune up(dBm) MIMO							
802.11n- HT20	U-NII-3	144	5720	MCS0	9.07	10.36	12.77	13.50							
		149	5745		15.11	16.24	18.72	19.50							
		153	5765		15.06	16.11	18.63	19.50							
		157	5785		15.07	16.18	18.67	19.50							
		161	5805		14.99	16.28	18.69	19.50							
		165	5825		14.97	16.17	18.62	19.50							
	802.11n- HT40	U-NII-1	36	5180	MCS0	10.63	11.59	14.15	15.00						
			40	5200		10.61	11.63	14.16	15.00						
			44	5220		10.65	11.57	14.14	15.00						
			48	5240		10.61	11.57	14.13	15.00						
		U-NII-2A	52	5260		10.75	11.77	14.30	15.00						
			56	5280		10.77	11.84	14.35	15.00						
			60	5300		10.85	11.63	14.27	15.00						
			64	5320		10.86	11.84	14.39	15.00						
		U-NII-2C	100	5500		8.63	10.28	12.54	13.50						
			104	5520		8.89	10.24	12.63	13.50						
			108	5540		8.90	10.20	12.61	13.50						
			112	5560		9.07	10.24	12.70	13.50						
			116	5580		9.05	10.28	12.72	13.50						
			120	5600		8.93	10.22	12.63	13.50						
			124	5620		9.04	10.29	12.72	13.50						
128			5640	8.90		10.20	12.61	13.50							
132			5660	9.04		10.27	12.71	13.50							
136			5680	8.98		10.21	12.65	13.50							
U-NII-3		140	5700	9.09		10.27	12.73	13.50							
		144	5720	9.08		10.28	12.73	13.50							
		149	5745	15.09		16.24	18.71	19.50							
	153	5765	15.06	16.25	18.71	19.50									
	157	5785	15.29	16.23	18.80	19.50									
	161	5805	15.13	16.20	18.71	19.50									
5GHz	Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm) Ant6	Average Power (dBm) Ant7	Average Power (dBm) MIMO	Tune up(dBm) MIMO							
									165	5825	14.91	16.17	18.60	19.50	
									U-NII-1	38	5190	10.84	11.89	14.41	15.00
										46	5230	10.57	11.83	14.26	15.00
									U-NII-2A	54	5270	10.52	11.44	14.01	15.00
										62	5310	10.50	11.45	14.01	15.00
U-NII-2C	102	5510	8.81	10.16	12.55	13.50									
	110	5550	8.77	10.10	12.50	13.50									



5GHz	Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm) Ant6	Average Power (dBm) Ant7	Average Power (dBm) MIMO	Tune up(dBm) MIMO
802.11ac-20	U-NII-1	118	5590	MCS0	8.58	9.92	12.31	13.50
		126	5630		8.77	9.95	12.41	13.50
		134	5670		8.83	10.25	12.61	13.50
		142	5710		8.78	10.11	12.51	13.50
	U-NII-3	151	5755		15.12	16.04	18.61	19.50
		159	5795		15.13	16.31	18.77	19.50
		36	5180		10.77	11.55	14.19	15.00
	U-NII-2A	40	5200		10.65	11.60	14.16	15.00
		44	5220		10.63	11.47	14.08	15.00
		48	5240		10.77	11.45	14.13	15.00
		52	5260		10.78	11.64	14.24	15.00
		56	5280		10.77	11.78	14.31	15.00
		60	5300		10.82	11.63	14.25	15.00
	U-NII-2C	64	5320		10.81	11.82	14.35	15.00
100		5500	8.94	10.27	12.67	13.50		
104		5520	8.97	10.19	12.63	13.50		
108		5540	9.05	10.29	12.72	13.50		
112		5560	9.08	10.10	12.63	13.50		
116		5580	9.20	10.19	12.73	13.50		
120		5600	9.12	10.32	12.77	13.50		
124		5620	8.89	10.29	12.66	13.50		
128		5640	8.97	10.25	12.67	13.50		
132		5660	9.11	10.37	12.80	13.50		
U-NII-3	136	5680	9.07	10.32	12.75	13.50		
	140	5700	9.23	10.15	12.72	13.50		
	144	5720	9.25	10.28	12.81	13.50		
	149	5745	15.01	16.23	18.67	19.50		
	153	5765	15.10	16.26	18.73	19.50		
5GHz	U-NII-3	157	5785	15.33	16.27	18.84	19.50	
		161	5805	15.16	16.29	18.77	19.50	
		165	5825	15.02	16.20	18.66	19.50	
802.11ac-40	Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm) Ant6	Average Power (dBm) Ant7	Average Power (dBm) MIMO	Tune up(dBm) MIMO
802.11ac-40	U-NII-1	38	5190	MCS0	10.75	11.53	14.17	15.00
		46	5230		10.61	11.21	13.93	15.00
	U-NII-2A	54	5270		10.58	11.35	13.99	15.00
		62	5310		10.50	11.42	13.99	15.00
	U-NII-2C	102	5510		8.93	10.03	12.53	13.50
		110	5550		8.80	10.14	12.53	13.50

5GHz	Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm) Ant6	Average Power (dBm) Ant7	Average Power (dBm) MIMO	Tune up(dBm) MIMO
	U-NII-3	118	5590		8.80	9.98	12.44	13.50
		126	5630		8.82	10.00	12.46	13.50
		134	5670		8.78	10.17	12.54	13.50
		142	5710		8.90	10.21	12.61	13.50
		151	5755		15.12	16.04	18.61	19.50
		159	5795		15.08	16.24	18.71	19.50
5GHz	Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm) Ant6	Average Power (dBm) Ant7	Average Power (dBm) MIMO	Tune up(dBm) MIMO
802.11ac 80M	U-NII-1	42	5210	MCS0	10.38	11.70	14.10	15.00
	U-NII-2A	58	5290		10.68	11.63	14.19	15.00
	U-NII-2C	106	5530		9.06	10.24	12.70	13.50
		122	5610		9.06	10.16	12.66	13.50
		138	5690		9.21	10.23	12.76	13.50
	U-NII-3	155	5775		15.11	16.20	18.70	19.50
5GHz	Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm) Ant6	Average Power (dBm) Ant7	Average Power (dBm) MIMO	Tune up(dBm) MIMO
802.11ac 160M	U-NII-1	50	5250	MCS0	10.58	11.61	14.14	15.00
	U-NII-2C	114	5570		9.28	10.16	12.75	13.50
5GHz	Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm) Ant6	Average Power (dBm) Ant7	Average Power (dBm) MIMO	Tune up(dBm) MIMO
802.11AX-20	U-NII-1	36	5180	MCS0	10.62	11.54	14.11	15.00
		40	5200		10.52	11.52	14.06	15.00
		44	5220		10.69	11.57	14.16	15.00
		48	5240		10.62	11.63	14.16	15.00
	U-NII-2A	52	5260		10.90	11.96	14.47	15.00
		56	5280		10.91	11.78	14.38	15.00
		60	5300		10.83	11.90	14.41	15.00
		64	5320		10.93	11.93	14.47	15.00
	U-NII-2C	100	5500		8.94	10.19	12.62	13.50
		104	5520		8.93	10.38	12.73	13.50
		108	5540		8.98	10.37	12.74	13.50
		112	5560		9.17	10.18	12.71	13.50
		116	5580		9.22	10.33	12.82	13.50
		120	5600		9.16	10.35	12.81	13.50
		124	5620		8.98	10.26	12.68	13.50
		128	5640		9.05	10.18	12.66	13.50
		132	5660		9.24	10.39	12.86	13.50
		136	5680		9.27	10.32	12.84	13.50
		140	5700		9.27	10.30	12.83	13.50
		144	5720		9.21	10.20	12.74	13.50

5GHz	Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm) Ant6	Average Power (dBm) Ant7	Average Power (dBm) MIMO	Tune up(dBm) MIMO
	U-NII-3	149	5745		15.28	16.25	18.80	19.50
		153	5765		15.15	16.25	18.75	19.50
		157	5785		15.35	16.39	18.91	19.50
		161	5805		15.29	16.26	18.81	19.50
		165	5825		15.15	16.43	18.85	19.50
5GHz	Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm) Ant6	Average Power (dBm) Ant7	Average Power (dBm) MIMO	Tune up(dBm) MIMO
802.11AX-40	U-NII-1	38	5190	MCS0	10.82	11.52	14.19	15.00
		46	5230		10.74	11.29	14.03	15.00
	U-NII-2A	54	5270		10.60	11.55	14.11	15.00
		62	5310		10.57	11.50	14.07	15.00
	U-NII-2C	102	5510		8.97	10.17	12.62	13.50
		110	5550		8.95	10.16	12.61	13.50
		118	5590		8.86	9.97	12.46	13.50
		126	5630		8.87	10.10	12.54	13.50
		134	5670		8.85	10.34	12.67	13.50
	U-NII-3	142	5710		8.73	10.15	12.51	13.50
		151	5755		15.17	16.11	18.68	19.50
	159	5795	15.13		16.33	18.78	19.50	
	5GHz	Mode	Channel		Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm) Ant6	Average Power (dBm) Ant7
802.11AX 80M	U-NII-1	42	5210	MCS0	10.37	11.78	14.14	15.00
	U-NII-2A	58	5290		10.57	11.74	14.20	15.00
	U-NII-2C	106	5530		9.01	10.09	12.59	13.50
		122	5610		9.10	10.19	12.69	13.50
		138	5690		9.15	10.27	12.76	13.50
	U-NII-3	155	5775		15.24	16.33	18.83	19.50
	5GHz	Mode	Channel		Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm) Ant6	Average Power (dBm) Ant7
802.11AX 160M	U-NII-1	50	5250	MCS0	14.68	15.76	18.26	19.00
	U-NII-2C	114	5570		9.19	10.12	12.69	13.50
5GHz	Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm) Ant6	Average Power (dBm) Ant7	Average Power (dBm) MIMO	Tune up(dBm) MIMO
802.11BE-20	U-NII-1	36	5180	MCS0	10.80	11.58	14.22	15.00
		40	5200		10.68	11.47	14.10	15.00
		44	5220		10.55	11.52	14.07	15.00
		48	5240		10.64	11.54	14.12	15.00
	U-NII-2A	52	5260		10.43	11.71	14.13	15.00
		56	5280		10.70	11.68	14.23	15.00
		60	5300		10.58	11.70	14.19	15.00

	U-NII-2C	64	5320		10.64	11.60	14.16	15.00
		100	5500		8.91	10.20	12.61	13.50
		104	5520		9.07	10.32	12.75	13.50
		108	5540		9.06	10.30	12.73	13.50
		112	5560		9.09	10.41	12.81	13.50
		116	5580		9.04	10.40	12.78	13.50
		120	5600		9.18	10.32	12.80	13.50
		124	5620		8.94	10.25	12.65	13.50
		128	5640		9.14	10.27	12.75	13.50
		132	5660		9.26	10.46	12.91	13.50
		136	5680		9.18	10.41	12.85	13.50
		140	5700		9.14	10.44	12.85	13.50
		144	5720		9.27	10.22	12.78	13.50
		U-NII-3	149		5745	15.33	16.26	18.83
	153		5765		15.24	16.19	18.75	19.50
	157		5785		15.20	16.46	18.89	19.50
	161		5805		15.16	16.39	18.83	19.50
	165		5825		15.09	16.38	18.79	19.50
5GHz	Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm) Ant6	Average Power (dBm) Ant7	Average Power (dBm) MIMO	Tune up(dBm) MIMO
802.11BE-40	U-NII-1	38	5190	MCS0	10.95	11.56	14.28	15.00
		46	5230		10.74	11.38	14.08	15.00
	U-NII-2A	54	5270		10.67	11.52	14.13	15.00
		62	5310		10.70	11.67	14.22	15.00
	U-NII-2C	102	5510		9.14	10.16	12.69	13.50
		110	5550		8.94	10.09	12.56	13.50
		118	5590		8.82	9.98	12.45	13.50
		126	5630		8.82	10.10	12.52	13.50
		134	5670		8.96	10.34	12.71	13.50
	U-NII-3	142	5710		8.77	10.21	12.56	13.50
		151	5755		15.10	16.13	18.66	19.50
		159	5795		15.20	16.26	18.77	19.50
5GHz	Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm) Ant6	Average Power (dBm) Ant7	Average Power (dBm) MIMO	Tune up(dBm) MIMO
802.11BE 80M	U-NII-1	42	5210	MCS0	10.40	11.74	14.13	15.00
	U-NII-2A	58	5290		10.68	11.75	14.26	15.00
	U-NII-2C	106	5530		9.14	10.21	12.72	13.50
		122	5610		9.33	10.33	12.87	13.50
		138	5690		9.14	10.38	12.81	13.50
	U-NII-3	155	5775		15.10	16.27	18.73	19.50

5GHz	Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm) Ant6	Average Power (dBm) Ant7	Average Power (dBm) MIMO	Tune up(dBm) MIMO
802.11BE 160M	U-NII-1	50	5250	MCS0	10.57	11.75	14.21	15.00
	U-NII-2C	114	5570		9.2	10.34	12.82	13.50

## 14.2 Conducted Power of BT

BT Ant6		Average Conducted Power(dBm)			Tune-up
Band	Channel	0	39	78	
BT	GFSK	14.98	14.34	14.03	16.50
	$\pi/4$ DQPSK	12.32	11.77	11.51	13.00
	8DPSK	12.43	12.03	11.59	13.00
Band	Channel	0	19	39	Tune-up
BLE 1M	GFSK	7.89	8.26	7.89	9.00
Band	Channel	1	19	38	Tune-up
BLE 2M	GFSK	8.31	8.49	8.26	9.00
BT Ant6 Head Standalone		Average Conducted Power(dBm)			Tune-up
Band	Channel	0	39	78	
BT	GFSK	7.94	7.23	7.01	9.50
	$\pi/4$ DQPSK	5.25	4.60	4.36	7.00
	8DPSK	5.33	4.96	4.54	7.00
Band	Channel	0	19	39	Tune-up
BLE 1M	GFSK	7.89	8.26	7.89	9.00
Band	Channel	1	19	38	Tune-up
BLE 2M	GFSK	8.31	8.49	8.26	9.00
BT Ant6 Hotspot		Average Conducted Power(dBm)			Tune-up
Band	Channel	0	39	78	
BT	GFSK	10.86	10.21	9.89	12.50
	$\pi/4$ DQPSK	8.27	7.67	7.43	10.00
	8DPSK	8.23	7.95	7.54	10.00
Band	Channel	0	19	39	Tune-up
BLE 1M	GFSK	7.89	8.26	7.89	9.00
Band	Channel	1	19	38	Tune-up
BLE 2M	GFSK	8.31	8.49	8.26	9.00

BT Ant7		Average Conducted Power(dBm)			Tune-up
Band	Channel	0	39	78	
BT	GFSK	15.03	15.32	14.52	16.50
	$\pi/4$ DQPSK	12.43	12.63	12.12	13.50
	8DPSK	12.51	12.79	12.32	13.50
Band	Channel	0	19	39	Tune-up
BLE 1M	GFSK	5.32	6.98	6.43	7.50
Band	Channel	1	19	38	Tune-up
BLE 2M	GFSK	5.43	7.02	6.63	7.50
BT Ant7 Head Standalone		Average Conducted Power(dBm)			Tune-up
Band	Channel	0	39	78	
BT	GFSK	5.03	5.26	5.21	6.00
	$\pi/4$ DQPSK	2.19	2.42	1.84	3.50
	8DPSK	2.33	2.62	1.99	3.50
Band	Channel	0	19	39	Tune-up
BLE 1M	GFSK	5.32	6.98	6.43	7.50
Band	Channel	1	19	38	Tune-up
BLE 2M	GFSK	5.43	7.02	6.63	7.50
BT Ant7 Hotspot		Average Conducted Power(dBm)			Tune-up
Band	Channel	0	39	78	
BT	GFSK	11.88	12.13	11.44	13.50
	$\pi/4$ DQPSK	9.31	9.58	9.04	10.50
	8DPSK	9.39	9.67	9.16	10.50
Band	Channel	0	19	39	Tune-up
BLE 1M	GFSK	5.32	6.98	6.43	7.50
Band	Channel	1	19	38	Tune-up
BLE 2M	GFSK	5.43	7.02	6.63	7.50