

# Appendix E

## Conducted RF Output Power Table

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## Measurement of RF conducted Power

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

#### 1.1 Conducted Power of GSM

GSM 850										
Burst Output Power(dBm)						Division Factors	Frame-Average Output Power(dBm)			
Channel		128	190	251	Tune up		128	190	251	Tune up
GSM(GMSK)	GSM	32.50	32.51	32.54	33.00	-9.19	23.31	23.32	23.35	23.81
GPRS (GMSK)	1 TX Slot	32.54	32.58	32.58	33.00	-9.19	23.35	23.39	23.39	23.81
	2 TX Slots	30.90	30.90	30.91	32.00	-6.18	24.72	24.72	24.73	25.82
	3 TX Slots	29.48	29.58	29.48	30.50	-4.42	25.06	25.16	25.06	26.08
	4 TX Slots	27.86	27.90	27.95	29.00	-3.17	24.69	24.73	24.78	25.83
EGPRS (GMSK)	1 TX Slot	32.47	32.50	32.52	33.00	-9.19	23.28	23.31	23.33	23.81
	2 TX Slots	30.89	30.84	30.94	32.00	-6.18	24.71	24.66	24.76	25.82
	3 TX Slots	29.44	29.44	29.45	30.50	-4.42	25.02	25.02	25.03	26.08
	4 TX Slots	27.90	27.87	27.85	29.00	-3.17	24.73	24.70	24.68	25.83
EGPRS (8PSK)	1 TX Slot	26.34	26.31	26.36	28.00	-9.19	17.15	17.12	17.17	18.81
	2 TX Slots	23.80	23.81	23.76	25.00	-6.18	17.62	17.63	17.58	18.82
	3 TX Slots	21.87	21.84	21.85	23.20	-4.42	17.45	17.42	17.43	18.78
	4 TX Slots	20.40	20.44	20.39	22.00	-3.17	17.23	17.27	17.22	18.83

GSM 1900										
Burst Output Power(dBm)						Division Factors	Frame-Average Output Power(dBm)			
Channel		512	661	810	Tune up		512	661	810	Tune up
GSM(GMSK)	GSM	29.83	29.80	29.80	30.00	-9.19	20.64	20.61	20.61	20.81
GPRS (GMSK)	1 TX Slot	29.84	29.85	29.85	30.00	-9.19	20.65	20.66	20.66	20.81
	2 TX Slots	27.61	27.56	27.55	28.50	-6.18	21.43	21.38	21.37	22.32
	3 TX Slots	26.44	26.50	26.29	27.50	-4.42	22.02	22.08	21.87	23.08
	4 TX Slots	24.85	24.82	24.75	26.00	-3.17	21.68	21.65	21.58	22.83
EGPRS (GMSK)	1 TX Slot	29.84	29.83	29.85	30.00	-9.19	20.65	20.64	20.66	20.81
	2 TX Slots	27.59	27.56	27.57	28.50	-6.18	21.41	21.38	21.39	22.32
	3 TX Slots	26.43	26.28	26.29	27.50	-4.42	22.01	21.86	21.87	23.08
	4 TX Slots	24.86	24.77	24.83	26.00	-3.17	21.69	21.60	21.66	22.83
EGPRS (8PSK)	1 TX Slot	25.57	25.55	25.60	27.00	-9.19	16.38	16.36	16.41	17.81
	2 TX Slots	22.86	22.83	22.85	24.00	-6.18	16.68	16.65	16.67	17.82
	3 TX Slots	21.28	21.22	21.17	22.20	-4.42	16.86	16.80	16.75	17.78
	4 TX Slots	19.94	19.87	19.86	21.00	-3.17	16.77	16.70	16.69	17.83

GSM 1900 DSI3&4										
		Burst Output Power(dBm)				Division Factors	Frame-Average Output Power(dBm)			
Channel		512	661	810	Tune up		512	661	810	Tune up
GSM(GMSK)	GSM	28.91	28.90	28.76	29.00	-9.19	19.72	19.71	19.57	19.81
GPRS (GMSK)	1 TX Slot	28.80	28.89	28.94	29.00	-9.19	19.61	19.70	19.75	19.81
	2 TX Slots	26.64	26.61	26.63	27.50	-6.18	20.46	20.43	20.45	21.32
	3 TX Slots	25.52	25.53	25.24	26.50	-4.42	21.10	21.11	20.82	22.08
	4 TX Slots	23.86	23.87	23.84	25.00	-3.17	20.69	20.70	20.67	21.83
EGPRS (GMSK)	1 TX Slot	28.89	28.88	28.94	29.00	-9.19	19.70	19.69	19.75	19.81
	2 TX Slots	26.64	26.57	26.53	27.50	-6.18	20.46	20.39	20.35	21.32
	3 TX Slots	25.41	25.24	25.36	26.50	-4.42	20.99	20.82	20.94	22.08
	4 TX Slots	23.83	23.86	23.91	25.00	-3.17	20.66	20.69	20.74	21.83
EGPRS (8PSK)	1 TX Slot	24.63	24.52	24.66	26.00	-9.19	15.44	15.33	15.47	16.81
	2 TX Slots	21.90	21.87	21.85	23.00	-6.18	15.72	15.69	15.67	16.82
	3 TX Slots	20.33	20.25	20.25	21.20	-4.42	15.91	15.83	15.83	16.78
	4 TX Slots	18.94	18.88	18.84	20.00	-3.17	15.77	15.71	15.67	16.83

## 1.2 Conducted Power of WCDMA

WCDMA Band II					
Average Conducted Power(dBm)					
Channel		9262	9400	9538	Tune up
WCDMA	12.2kbps RMC	23.70	23.73	23.67	25.50
	12.2kbps AMR	23.69	23.72	23.66	25.50
HSDPA	Subtest 1	22.71	22.82	22.70	24.50
	Subtest 2	22.75	22.75	22.74	24.50
	Subtest 3	22.09	22.24	22.13	24.00
	Subtest 4	22.03	22.23	22.13	24.00
HSUPA	Subtest 1	22.73	22.77	22.71	24.50
	Subtest 2	21.06	20.88	20.91	22.50
	Subtest 3	22.38	22.37	22.54	23.50
	Subtest 4	20.56	20.76	20.66	22.50
	Subtest 5	22.60	22.54	22.72	24.50
DC-HSDPA	Subtest 1	22.58	22.68	22.68	24.50
	Subtest 2	22.70	22.79	22.74	24.50
	Subtest 3	22.11	22.12	22.19	24.00
	Subtest 4	22.29	22.27	22.23	24.00
HSPA+	16QAM	23.72	23.51	23.55	25.50

WCDMA Band II DSI3&4					
Average Conducted Power(dBm)					
Channel		9262	9400	9538	Tune up
WCDMA	12.2kbps RMC	19.71	19.73	19.70	21.50
	12.2kbps AMR	19.68	19.72	19.61	21.50
HSDPA	Subtest 1	18.77	18.87	18.69	20.50
	Subtest 2	18.76	18.71	18.77	20.50
	Subtest 3	18.15	18.25	18.18	20.00
	Subtest 4	18.13	18.27	18.17	20.00
HSUPA	Subtest 1	18.75	18.77	18.71	20.50
	Subtest 2	17.04	16.89	16.87	18.50
	Subtest 3	18.47	18.34	18.53	19.50
	Subtest 4	16.56	16.77	16.76	18.50
DC-HSDPA	Subtest 1	18.69	18.62	18.78	20.50
	Subtest 2	18.53	18.75	18.68	20.50
	Subtest 3	18.65	18.80	18.73	20.50
	Subtest 4	18.17	18.13	18.27	20.00
HSPA+	16QAM	18.33	18.32	18.25	20.00
HSPA+	16QAM	19.52	19.56	19.53	21.50

WCDMA Band IV					
Average Conducted Power(dBm)					
Channel		1312	1412	1513	Tune up
WCDMA	12.2kbps RMC	23.69	23.76	23.72	25.50
	12.2kbps AMR	23.68	23.69	23.70	25.50
HSDPA	Subtest 1	22.78	22.85	22.76	24.50
	Subtest 2	22.77	22.79	22.72	24.50
	Subtest 3	22.10	22.26	22.19	24.00
	Subtest 4	22.08	22.26	22.16	24.00
HSUPA	Subtest 1	22.77	22.78	22.67	24.50
	Subtest 2	21.13	20.87	20.96	22.50
	Subtest 3	22.43	22.39	22.51	23.50
	Subtest 4	20.63	20.83	20.64	22.50
	Subtest 5	22.56	22.58	22.70	24.50
DC-HSDPA	Subtest 1	22.56	22.74	22.64	24.50
	Subtest 2	22.67	22.84	22.73	24.50
	Subtest 3	22.09	22.17	22.20	24.00
	Subtest 4	22.33	22.33	22.29	24.00
HSPA+	16QAM	23.73	23.55	23.60	25.50

WCDMA Band IV DSI3&4					
Average Conducted Power(dBm)					
Channel		1312	1412	1513	Tune up
WCDMA	12.2kbps RMC	18.67	18.86	18.72	20.50
	12.2kbps AMR	18.69	18.77	18.71	20.50
HSDPA	Subtest 1	17.78	17.87	17.79	19.50
	Subtest 2	17.81	17.82	17.78	19.50
	Subtest 3	17.18	17.36	17.27	19.00
	Subtest 4	17.17	17.34	17.18	19.00
HSUPA	Subtest 1	17.72	17.87	17.66	19.50
	Subtest 2	16.11	15.93	15.93	17.50
	Subtest 3	17.38	17.49	17.56	18.50
	Subtest 4	15.70	15.84	15.74	17.50
DC-HSDPA	Subtest 1	17.57	17.80	17.66	19.50
	Subtest 2	17.62	17.87	17.76	19.50
	Subtest 3	17.07	17.14	17.20	19.00
	Subtest 4	17.31	17.34	17.38	19.00
HSPA+	16QAM	18.50	18.58	18.52	20.50

WCDMA Band V					
Average Conducted Power(dBm)					
Channel		4132	4182	4233	Tune up
WCDMA	12.2kbps RMC	24.13	24.16	24.10	25.50
	12.2kbps AMR	24.11	24.11	24.08	25.50
HSDPA	Subtest 1	23.17	23.24	23.10	24.50
	Subtest 2	23.21	23.18	23.19	24.50
	Subtest 3	22.47	22.61	22.54	24.00
	Subtest 4	22.47	22.61	22.60	24.00
HSUPA	Subtest 1	23.14	23.22	23.07	24.50
	Subtest 2	21.49	21.26	21.33	22.50
	Subtest 3	22.77	22.82	22.97	23.50
	Subtest 4	21.00	21.21	21.08	22.50
	Subtest 5	23.04	22.94	23.13	24.50
DC-HSDPA	Subtest 1	22.96	23.05	23.09	24.50
	Subtest 2	23.08	23.19	23.16	24.50
	Subtest 3	22.57	22.48	22.58	24.00
	Subtest 4	22.67	22.68	22.60	24.00
HSPA+	16QAM	24.13	23.92	23.93	25.50

### 1.3 Conducted Power of LTE

LTE Band 2				Conducted Power(dBm)				
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				18607	18900	19193		
1.4MHz	QPSK	1	0	23.53	23.54	23.62	25.00	
		1	2	23.61	23.51	23.68	25.00	
		1	5	23.63	23.59	23.47	25.00	
		3	0	23.59	23.62	23.49	25.00	
		3	2	23.56	23.47	23.57	25.00	
		3	3	23.55	23.54	23.48	25.00	
	16QAM	6	0	22.94	22.61	22.61	24.00	
		1	0	22.87	23.21	22.82	24.00	
		1	2	23.22	22.77	22.99	24.00	
		1	5	23.08	23.14	22.76	24.00	
		3	0	23.03	22.73	22.62	24.00	
		3	2	23.00	22.71	22.80	24.00	
	64QAM	3	3	22.89	22.62	22.60	24.00	
		6	0	22.13	21.61	21.61	23.00	
		1	0	21.84	21.75	22.09	23.00	
		1	2	22.12	21.62	21.62	23.00	
		1	5	21.60	21.64	21.83	23.00	
		3	0	21.78	21.84	21.78	23.00	
	3MHz	QPSK	3	2	22.10	21.62	21.55	23.00
			3	3	21.70	21.72	21.87	23.00
			6	0	20.85	20.93	20.52	22.00
1			0	23.82	23.73	23.60	25.00	
1			7	23.65	23.71	23.72	25.00	
1			14	23.77	23.68	23.61	25.00	
16QAM		8	0	22.71	22.90	22.68	24.00	
		8	4	22.72	22.91	22.73	24.00	
		8	7	22.66	22.85	22.67	24.00	
		15	0	22.60	22.79	22.68	24.00	
		1	0	22.78	23.16	23.09	24.00	
		1	7	22.87	23.25	22.93	24.00	
64QAM		1	14	23.00	23.04	23.12	24.00	
		8	0	21.73	21.89	21.78	23.00	
		8	4	21.66	21.80	21.67	23.00	
		8	7	21.77	21.88	21.70	23.00	
		15	0	21.77	21.74	21.65	23.00	
		1	0	22.12	22.08	22.22	23.00	
64QAM		1	7	22.25	22.19	22.57	23.00	
		1	14	22.20	21.94	22.21	23.00	
		8	0	21.11	21.14	20.94	22.00	
	8	4	20.96	21.14	21.08	22.00		
	8	7	21.03	21.07	21.04	22.00		

Bandwidth	Modulation	15	0	21.12	21.06	20.98	22.00
		RB size	RB offset	Channel 18625	Channel 18900	Channel 19175	Tune up
5MHz	QPSK	1	0	23.78	23.76	23.64	25.00
		1	13	23.74	23.66	23.74	25.00
		1	24	23.71	23.69	23.60	25.00
		12	0	22.68	22.91	22.70	24.00
		12	6	22.74	22.87	22.72	24.00
		12	13	22.69	22.83	22.73	24.00
		25	0	22.63	22.88	22.75	24.00
	16QAM	1	0	22.81	23.21	23.09	24.00
		1	13	22.84	23.27	22.89	24.00
		1	24	23.02	23.07	23.15	24.00
		12	0	21.67	21.85	21.73	23.00
		12	6	21.65	21.78	21.64	23.00
		12	13	21.78	21.89	21.68	23.00
		25	0	21.76	21.81	21.71	23.00
	64QAM	1	0	22.14	21.99	22.26	23.00
		1	13	22.19	22.15	22.57	23.00
		1	24	22.28	21.94	22.24	23.00
		12	0	21.14	21.09	21.00	22.00
		12	6	21.02	21.07	21.10	22.00
		12	13	21.09	21.07	21.05	22.00
		25	0	21.06	21.08	21.06	22.00
Bandwidth	Modulation	RB size	RB offset	Channel 18650	Channel 18900	Channel 19150	Tune up
10MHz	QPSK	1	0	23.76	23.81	23.61	25.00
		1	25	23.73	23.66	23.75	25.00
		1	49	23.73	23.71	23.64	25.00
		25	0	22.73	22.88	22.76	24.00
		25	13	22.69	22.82	22.75	24.00
		25	25	22.67	22.88	22.69	24.00
		50	0	22.67	22.84	22.75	24.00
	16QAM	1	0	22.86	23.11	23.07	24.00
		1	25	22.89	23.25	22.85	24.00
		1	49	23.04	23.11	23.21	24.00
		25	0	21.71	21.93	21.74	23.00
		25	13	21.74	21.77	21.65	23.00
		25	25	21.78	21.87	21.68	23.00
		50	0	21.80	21.75	21.70	23.00
	64QAM	1	0	22.15	22.06	22.21	23.00
		1	25	22.23	22.20	22.54	23.00
		1	49	22.25	21.98	22.18	23.00
		25	0	21.14	21.13	20.97	22.00
		25	13	21.03	21.07	21.03	22.00
		25	25	21.08	21.02	21.11	22.00
		50	0	21.09	21.03	21.02	22.00
Bandwidth	Modulation	RB size	RB offset	Channel 18675	Channel 18900	Channel 19125	Tune up
15MHz	QPSK	1	0	23.73	23.79	23.59	25.00

		1	38	23.72	23.74	23.67	25.00	
		1	74	23.75	23.67	23.64	25.00	
		36	0	22.65	22.87	22.68	24.00	
		36	18	22.70	22.84	22.79	24.00	
		36	39	22.65	22.88	22.69	24.00	
		75	0	22.62	22.82	22.69	24.00	
	16QAM	1	0	22.82	23.20	23.04	24.00	
		1	38	22.83	23.30	22.91	24.00	
		1	74	22.99	23.04	23.20	24.00	
		36	0	21.75	21.83	21.70	23.00	
		36	18	21.69	21.81	21.70	23.00	
		36	39	21.78	21.90	21.68	23.00	
	64QAM	75	0	21.79	21.81	21.65	23.00	
		1	0	22.16	22.07	22.26	23.00	
		1	38	22.23	22.18	22.58	23.00	
		1	74	22.19	22.04	22.22	23.00	
		36	0	21.12	21.11	21.01	22.00	
		36	18	21.07	21.10	21.10	22.00	
	<b>Bandwidth</b>	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					18700	18900	19100	
	<b>20MHz</b>	QPSK	1	0	23.80	23.85	23.75	25.00
1			50	23.67	23.73	23.70	25.00	
1			99	23.76	23.75	23.70	25.00	
50			0	22.79	22.90	22.81	24.00	
50			25	22.70	22.87	22.79	24.00	
50			50	22.68	22.89	22.65	24.00	
100			0	22.65	22.86	22.67	24.00	
16QAM		1	0	22.81	23.18	23.08	24.00	
		1	50	22.87	23.22	22.91	24.00	
		1	99	22.95	23.05	23.22	24.00	
		50	0	21.75	21.94	21.79	23.00	
		50	25	21.67	21.82	21.73	23.00	
		50	50	21.77	21.89	21.63	23.00	
		100	0	21.76	21.78	21.75	23.00	
64QAM		1	0	22.13	22.02	22.20	23.00	
		1	50	22.18	22.15	22.57	23.00	
		1	99	22.18	21.99	22.24	23.00	
		50	0	21.15	21.10	21.00	22.00	
		50	25	21.05	21.16	21.04	22.00	
		50	50	21.04	20.97	21.07	22.00	
		100	0	21.10	21.06	21.03	22.00	



LTE Band 2 DSI3&4				Conducted Power(dBm)				
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				18607	18900	19193		
1.4MHz	QPSK	1	0	19.62	19.80	19.55	21.00	
		1	2	19.67	19.68	19.60	21.00	
		1	5	19.64	19.67	19.76	21.00	
		3	0	19.65	19.74	19.48	21.00	
		3	2	19.63	19.76	19.57	21.00	
		3	3	19.70	19.81	19.64	21.00	
	16QAM	6	0	19.59	19.78	19.52	21.00	
		1	0	19.73	19.71	19.61	21.00	
		1	2	19.66	19.81	19.77	21.00	
		1	5	19.78	19.85	19.61	21.00	
		3	0	19.54	19.73	19.51	21.00	
		3	2	19.66	19.64	19.57	21.00	
	64QAM	3	3	19.66	19.80	19.65	21.00	
		6	0	19.58	19.76	19.56	21.00	
		1	0	19.67	19.66	19.66	21.00	
		1	2	19.65	19.82	19.62	21.00	
		1	5	19.68	19.76	19.54	21.00	
		3	0	19.72	19.66	19.58	21.00	
	3MHz	QPSK	3	2	19.71	19.74	19.58	21.00
			3	3	19.62	19.78	19.64	21.00
			6	0	19.64	19.74	19.74	21.00
1			0	19.58	19.74	19.56	21.00	
1			7	19.63	19.79	19.59	21.00	
1			14	19.62	19.76	19.74	21.00	
16QAM		8	0	19.68	19.75	19.49	21.00	
		8	4	19.72	19.77	19.66	21.00	
		8	7	19.70	19.72	19.61	21.00	
		15	0	19.62	19.72	19.52	21.00	
		1	0	19.66	19.76	19.68	21.00	
		1	7	19.76	19.81	19.65	21.00	
64QAM		1	14	19.79	19.78	19.66	21.00	
		8	0	19.56	19.69	19.60	21.00	
		8	4	19.68	19.72	19.62	21.00	
		8	7	19.73	19.77	19.56	21.00	
		15	0	19.59	19.66	19.67	21.00	
		1	0	19.70	19.75	19.55	21.00	
64QAM		1	7	19.65	19.86	19.63	21.00	
		1	14	19.61	19.67	19.55	21.00	
		8	0	19.75	19.75	19.64	21.00	
	8	4	19.80	19.82	19.58	21.00		
	8	7	19.60	19.81	19.61	21.00		
	15	0	19.71	19.71	19.64	21.00		
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				18615	18900	19185		

				18625	18900	19175		
<b>5MHz</b>	QPSK	1	0	19.58	19.84	19.55	21.00	
		1	13	19.73	19.79	19.70	21.00	
		1	24	19.68	19.74	19.69	21.00	
		12	0	19.64	19.71	19.52	21.00	
		12	6	19.64	19.79	19.66	21.00	
		12	13	19.71	19.74	19.60	21.00	
	16QAM	25	0	19.72	19.79	19.55	21.00	
		1	0	19.65	19.74	19.61	21.00	
		1	13	19.77	19.82	19.78	21.00	
		1	24	19.68	19.75	19.59	21.00	
		12	0	19.57	19.79	19.57	21.00	
		12	6	19.67	19.67	19.60	21.00	
	64QAM	12	13	19.74	19.76	19.56	21.00	
		25	0	19.62	19.72	19.56	21.00	
		1	0	19.66	19.62	19.55	21.00	
		1	13	19.69	19.88	19.55	21.00	
		1	24	19.74	19.78	19.58	21.00	
		12	0	19.65	19.68	19.63	21.00	
<b>10MHz</b>	QPSK	12	6	19.71	19.69	19.58	21.00	
		12	13	19.64	19.81	19.66	21.00	
		25	0	19.67	19.78	19.65	21.00	
		1	0	19.57	19.87	19.56	21.00	
		1	25	19.61	19.75	19.68	21.00	
		1	49	19.68	19.71	19.66	21.00	
	16QAM	25	0	19.67	19.80	19.62	21.00	
		25	13	19.62	19.74	19.69	21.00	
		25	25	19.69	19.80	19.57	21.00	
		50	0	19.63	19.81	19.50	21.00	
		1	0	19.66	19.69	19.63	21.00	
		1	25	19.71	19.77	19.68	21.00	
64QAM	1	49	19.75	19.78	19.68	21.00		
	25	0	19.56	19.68	19.60	21.00		
	25	13	19.66	19.74	19.62	21.00		
	25	25	19.65	19.72	19.54	21.00		
	50	0	19.58	19.78	19.60	21.00		
	1	0	19.67	19.68	19.65	21.00		
<b>15MHz</b>	QPSK	1	25	19.70	19.83	19.55	21.00	
		1	49	19.70	19.71	19.58	21.00	
		25	0	19.74	19.60	19.63	21.00	
		25	13	19.74	19.78	19.59	21.00	
		25	25	19.68	19.82	19.69	21.00	
		50	0	19.63	19.78	19.75	21.00	
	<b>Bandwidth</b>	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					18650	18900	19150	
	<b>15MHz</b>	QPSK	1	0	19.61	19.76	19.56	21.00
			1	38	19.69	19.72	19.61	21.00
			1	74	19.63	19.70	19.67	21.00

	16QAM	36	0	19.70	19.75	19.62	21.00
		36	18	19.70	19.69	19.62	21.00
		36	39	19.72	19.70	19.68	21.00
		75	0	19.67	19.84	19.58	21.00
		1	0	19.69	19.83	19.60	21.00
		1	38	19.65	19.80	19.68	21.00
		1	74	19.73	19.72	19.57	21.00
		36	0	19.67	19.74	19.50	21.00
		36	18	19.69	19.78	19.65	21.00
	36	39	19.77	19.71	19.54	21.00	
	75	0	19.66	19.75	19.65	21.00	
	64QAM	1	0	19.71	19.68	19.57	21.00
		1	38	19.66	19.79	19.69	21.00
		1	74	19.66	19.78	19.56	21.00
		36	0	19.64	19.74	19.67	21.00
		36	18	19.68	19.73	19.60	21.00
		36	39	19.58	19.85	19.59	21.00
		75	0	19.69	19.70	19.62	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18700	18900	19100	
20MHz	QPSK	1	0	19.70	20.08	19.69	21.00
		1	50	19.73	19.81	19.75	21.00
		1	99	19.78	19.85	19.85	21.00
		50	0	19.74	19.81	19.61	21.00
		50	25	19.78	19.89	19.74	21.00
		50	50	19.85	19.80	19.79	21.00
		100	0	19.80	19.88	19.66	21.00
	16QAM	1	0	19.77	19.83	19.70	21.00
		1	50	19.78	19.92	19.75	21.00
		1	99	19.89	19.94	19.75	21.00
		50	0	19.78	19.76	19.59	21.00
		50	25	19.84	19.87	19.68	21.00
		50	50	19.81	19.81	19.71	21.00
		100	0	19.68	19.89	19.75	21.00
	64QAM	1	0	19.82	19.81	19.78	21.00
		1	50	19.84	19.98	19.70	21.00
		1	99	19.75	19.83	19.71	21.00
		50	0	19.80	19.78	19.68	21.00
		50	25	19.79	19.86	19.61	21.00
		50	50	19.73	19.91	19.72	21.00
		100	0	19.72	19.79	19.85	21.00

LTE Band 4				Conducted Power(dBm)				
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				19957	20175	20393		
1.4MHz	QPSK	1	0	23.98	23.94	24.05	25.50	
		1	2	23.99	23.93	24.05	25.50	
		1	5	23.96	24.03	23.90	25.50	
		3	0	24.06	24.05	23.94	25.50	
		3	2	23.96	23.93	23.99	25.50	
		3	3	24.03	23.95	23.91	25.50	
	16QAM	6	0	23.35	23.01	23.05	24.50	
		1	0	23.17	23.59	23.26	24.50	
		1	2	23.56	23.08	23.31	24.50	
		1	5	23.49	23.46	23.17	24.50	
		3	0	23.51	23.16	23.09	24.50	
		3	2	23.44	23.10	23.17	24.50	
	64QAM	3	3	23.33	23.05	23.04	24.50	
		6	0	22.52	21.99	22.06	23.50	
		1	0	22.23	22.17	22.43	23.50	
		1	2	22.47	22.01	21.98	23.50	
		1	5	22.01	22.04	22.20	23.50	
		3	0	22.20	22.27	22.22	23.50	
	3MHz	QPSK	3	2	22.48	22.10	22.01	23.50
			3	3	22.06	22.12	22.23	23.50
			6	0	21.32	21.26	21.00	22.50
1			0	24.09	24.06	23.97	25.50	
1			7	23.95	23.97	24.01	25.50	
1			14	24.02	24.04	23.92	25.50	
16QAM		8	0	22.96	23.12	23.05	24.50	
		8	4	23.01	23.16	23.06	24.50	
		8	7	23.00	23.13	22.97	24.50	
		15	0	22.98	23.19	23.02	24.50	
		1	0	23.14	23.47	23.38	24.50	
		1	7	23.18	23.59	23.15	24.50	
64QAM		1	14	23.31	23.44	23.42	24.50	
		8	0	22.07	22.23	22.09	23.50	
		8	4	22.03	22.12	21.94	23.50	
		8	7	22.06	22.23	22.01	23.50	
		15	0	22.11	22.12	21.97	23.50	
		1	0	22.39	22.36	22.57	23.50	
64QAM		1	7	22.56	22.48	22.91	23.50	
		1	14	22.54	22.26	22.47	23.50	
		8	0	21.46	21.48	21.27	22.50	
	8	4	21.26	21.43	21.43	22.50		
	8	7	21.34	21.34	21.37	22.50		
	15	0	21.35	21.32	21.34	22.50		
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	

				19975	20175	20375		
<b>5MHz</b>	QPSK	1	0	24.09	24.10	23.89	25.50	
		1	13	24.00	23.98	24.03	25.50	
		1	24	24.04	24.05	23.96	25.50	
		12	0	23.02	23.19	23.03	24.50	
		12	6	23.03	23.15	23.06	24.50	
		12	13	23.01	23.09	22.99	24.50	
	16QAM	25	0	22.95	23.19	23.03	24.50	
		1	0	23.10	23.48	23.37	24.50	
		1	13	23.14	23.50	23.14	24.50	
		1	24	23.25	23.44	23.48	24.50	
		12	0	22.07	22.15	22.02	23.50	
		12	6	21.97	22.12	21.95	23.50	
	64QAM	12	13	22.02	22.16	21.95	23.50	
		25	0	22.02	22.07	21.97	23.50	
		1	0	22.46	22.31	22.57	23.50	
		1	13	22.55	22.45	22.84	23.50	
		1	24	22.49	22.24	22.45	23.50	
		12	0	21.41	21.46	21.29	22.50	
	<b>10MHz</b>	QPSK	12	6	21.33	21.44	21.37	22.50
			12	13	21.42	21.31	21.38	22.50
			25	0	21.39	21.28	21.37	22.50
1			0	24.02	24.06	23.95	25.50	
1			25	23.96	23.97	24.02	25.50	
1			49	24.03	23.98	23.90	25.50	
16QAM		25	0	22.97	23.22	23.06	24.50	
		25	13	23.03	23.20	23.05	24.50	
		25	25	23.02	23.11	23.02	24.50	
		50	0	22.97	23.17	22.99	24.50	
		1	0	23.11	23.48	23.36	24.50	
		1	25	23.21	23.51	23.19	24.50	
64QAM	1	49	23.27	23.42	23.51	24.50		
	25	0	21.99	22.22	22.07	23.50		
	25	13	22.02	22.12	21.96	23.50		
	25	25	22.04	22.17	22.04	23.50		
	50	0	22.04	22.09	22.04	23.50		
	1	0	22.44	22.29	22.57	23.50		
<b>15MHz</b>	QPSK	1	25	22.55	22.41	22.85	23.50	
		1	49	22.52	22.25	22.48	23.50	
		25	0	21.44	21.46	21.32	22.50	
		25	13	21.37	21.46	21.37	22.50	
		25	25	21.37	21.36	21.41	22.50	
		50	0	21.34	21.28	21.30	22.50	
	<b>Bandwidth</b>	<b>Modulation</b>	<b>RB size</b>	<b>RB offset</b>	<b>Channel</b>	<b>Channel</b>	<b>Channel</b>	<b>Tune up</b>
					20000	20175	20350	
					20025	20175	20325	
	<b>15MHz</b>	QPSK	1	0	24.12	24.06	23.89	25.50
			1	38	23.98	23.98	24.05	25.50
			1	74	24.04	23.98	24.01	25.50

		36	0	22.94	23.12	23.06	24.50
		36	18	23.04	23.16	23.02	24.50
		36	39	22.95	23.09	22.99	24.50
		75	0	22.92	23.20	23.00	24.50
	16QAM	1	0	23.06	23.51	23.34	24.50
		1	38	23.19	23.60	23.20	24.50
		1	74	23.32	23.33	23.45	24.50
		36	0	22.05	22.20	22.04	23.50
		36	18	22.02	22.07	22.03	23.50
		36	39	22.08	22.19	21.96	23.50
	64QAM	75	0	22.05	22.09	21.98	23.50
		1	0	22.44	22.31	22.49	23.50
		1	38	22.48	22.41	22.90	23.50
		1	74	22.50	22.28	22.48	23.50
		36	0	21.43	21.42	21.26	22.50
		36	18	21.31	21.44	21.38	22.50
		36	39	21.31	21.28	21.37	22.50
	75	0	21.35	21.29	21.31	22.50	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
20050					20175	20300	
20MHz	QPSK	1	0	24.08	24.14	23.99	25.50
		1	50	23.99	23.97	24.03	25.50
		1	99	24.05	23.98	23.90	25.50
		50	0	23.14	23.21	23.14	24.50
		50	25	23.07	23.11	23.09	24.50
		50	50	22.95	23.12	22.98	24.50
		100	0	22.94	23.09	22.95	24.50
	16QAM	1	0	23.15	23.45	23.33	24.50
		1	50	23.18	23.51	23.12	24.50
		1	99	23.26	23.39	23.46	24.50
		50	0	21.99	22.18	22.07	23.50
		50	25	21.95	22.09	21.96	23.50
		50	50	22.00	22.23	22.00	23.50
		100	0	22.01	22.06	21.97	23.50
	64QAM	1	0	22.42	22.31	22.54	23.50
		1	50	22.48	22.49	22.91	23.50
		1	99	22.53	22.32	22.45	23.50
		50	0	21.44	21.45	21.28	22.50
		50	25	21.36	21.44	21.35	22.50
		50	50	21.41	21.30	21.37	22.50
		100	0	21.42	21.27	21.30	22.50

LTE Band 4 DSI3&4				Conducted Power(dBm)				
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				19957	20175	20393		
1.4MHz	QPSK	1	0	19.69	19.76	19.57	21.00	
		1	2	19.63	19.65	19.66	21.00	
		1	5	19.72	19.64	19.83	21.00	
		3	0	19.63	19.70	19.48	21.00	
		3	2	19.72	19.74	19.55	21.00	
		3	3	19.66	19.89	19.71	21.00	
	16QAM	6	0	19.55	19.77	19.53	21.00	
		1	0	19.80	19.72	19.66	21.00	
		1	2	19.64	19.81	19.86	21.00	
		1	5	19.84	19.88	19.66	21.00	
		3	0	19.63	19.73	19.59	21.00	
		3	2	19.63	19.60	19.59	21.00	
	64QAM	3	3	19.74	19.85	19.72	21.00	
		6	0	19.60	19.85	19.62	21.00	
		1	0	19.74	19.63	19.74	21.00	
		1	2	19.63	19.88	19.61	21.00	
		1	5	19.67	19.80	19.53	21.00	
		3	0	19.74	19.66	19.58	21.00	
	3MHz	QPSK	3	2	19.78	19.76	19.68	21.00
			3	3	19.71	19.75	19.67	21.00
			6	0	19.70	19.84	19.69	21.00
1			0	19.69	19.75	19.65	21.00	
1			7	19.72	19.75	19.66	21.00	
1			14	19.70	19.63	19.86	21.00	
16QAM		8	0	19.70	19.72	19.47	21.00	
		8	4	19.65	19.83	19.54	21.00	
		8	7	19.75	19.79	19.68	21.00	
		15	0	19.64	19.75	19.61	21.00	
		1	0	19.77	19.77	19.67	21.00	
		1	7	19.62	19.88	19.76	21.00	
64QAM		1	14	19.85	19.90	19.64	21.00	
		8	0	19.53	19.82	19.57	21.00	
		8	4	19.62	19.63	19.57	21.00	
		8	7	19.72	19.77	19.64	21.00	
		15	0	19.63	19.81	19.65	21.00	
		1	0	19.72	19.64	19.75	21.00	
64QAM		1	7	19.71	19.83	19.68	21.00	
		1	14	19.66	19.73	19.55	21.00	
		8	0	19.69	19.72	19.58	21.00	
	8	4	19.80	19.82	19.58	21.00		
	8	7	19.72	19.87	19.67	21.00		
	15	0	19.72	19.77	19.72	21.00		
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				19965	20175	20385		

				19975	20175	20375		
<b>5MHz</b>	QPSK	1	0	19.63	19.83	19.57	21.00	
		1	13	19.69	19.70	19.55	21.00	
		1	24	19.71	19.72	19.72	21.00	
		12	0	19.73	19.76	19.54	21.00	
		12	6	19.69	19.80	19.65	21.00	
		12	13	19.68	19.87	19.74	21.00	
	16QAM	25	0	19.57	19.78	19.48	21.00	
		1	0	19.82	19.80	19.58	21.00	
		1	13	19.66	19.89	19.84	21.00	
		1	24	19.87	19.82	19.61	21.00	
		12	0	19.52	19.70	19.54	21.00	
		12	6	19.67	19.64	19.64	21.00	
	64QAM	12	13	19.64	19.87	19.71	21.00	
		25	0	19.60	19.75	19.56	21.00	
		1	0	19.71	19.65	19.72	21.00	
		1	13	19.74	19.90	19.67	21.00	
		1	24	19.71	19.82	19.53	21.00	
		12	0	19.76	19.64	19.62	21.00	
<b>10MHz</b>	QPSK	12	6	19.79	19.70	19.55	21.00	
		12	13	19.60	19.85	19.61	21.00	
		25	0	19.62	19.69	19.72	21.00	
		1	0	19.61	19.80	19.52	21.00	
		1	25	19.72	19.71	19.55	21.00	
		1	49	19.67	19.72	19.81	21.00	
	16QAM	25	0	19.65	19.74	19.45	21.00	
		25	13	19.62	19.77	19.58	21.00	
		25	25	19.71	19.78	19.60	21.00	
		50	0	19.62	19.78	19.48	21.00	
		1	0	19.75	19.68	19.63	21.00	
		1	25	19.76	19.85	19.79	21.00	
64QAM	1	49	19.74	19.91	19.63	21.00		
	25	0	19.60	19.71	19.59	21.00		
	25	13	19.74	19.71	19.58	21.00		
	25	25	19.69	19.82	19.74	21.00		
	50	0	19.58	19.80	19.51	21.00		
	1	0	19.73	19.65	19.70	21.00		
<b>15MHz</b>	QPSK	1	25	19.62	19.77	19.58	21.00	
		1	49	19.72	19.82	19.53	21.00	
		25	0	19.77	19.62	19.63	21.00	
		25	13	19.80	19.77	19.57	21.00	
		25	25	19.63	19.85	19.72	21.00	
		50	0	19.69	19.75	19.72	21.00	
	<b>Bandwidth</b>	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					20000	20175	20350	
	<b>10MHz</b>	QPSK	1	0	19.61	19.80	19.52	21.00
			1	25	19.72	19.71	19.55	21.00
			1	49	19.67	19.72	19.81	21.00
			25	0	19.65	19.74	19.45	21.00
25			13	19.62	19.77	19.58	21.00	
25			25	19.71	19.78	19.60	21.00	
16QAM		50	0	19.62	19.78	19.48	21.00	
		1	0	19.75	19.68	19.63	21.00	
		1	25	19.76	19.85	19.79	21.00	
		1	49	19.74	19.91	19.63	21.00	
		25	0	19.60	19.71	19.59	21.00	
		25	13	19.74	19.71	19.58	21.00	
64QAM		25	25	19.69	19.82	19.74	21.00	
		50	0	19.58	19.80	19.51	21.00	
		1	0	19.73	19.65	19.70	21.00	
		1	25	19.62	19.77	19.58	21.00	
		1	49	19.72	19.82	19.53	21.00	
		25	0	19.77	19.62	19.63	21.00	
<b>Bandwidth</b>	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				20025	20175	20325		
<b>15MHz</b>	QPSK	1	0	19.64	19.84	19.64	21.00	
		1	38	19.66	19.63	19.66	21.00	
		1	74	19.62	19.62	19.73	21.00	



		36	0	19.61	19.78	19.47	21.00
		36	18	19.71	19.85	19.55	21.00
		36	39	19.77	19.77	19.61	21.00
		75	0	19.64	19.80	19.56	21.00
	16QAM	1	0	19.73	19.66	19.69	21.00
		1	38	19.74	19.90	19.77	21.00
		1	74	19.81	19.85	19.63	21.00
		36	0	19.50	19.82	19.52	21.00
		36	18	19.63	19.62	19.59	21.00
		36	39	19.62	19.80	19.66	21.00
	64QAM	75	0	19.61	19.76	19.61	21.00
		1	0	19.62	19.74	19.74	21.00
		1	38	19.66	19.89	19.71	21.00
		1	74	19.68	19.80	19.59	21.00
		36	0	19.82	19.64	19.58	21.00
		36	18	19.78	19.80	19.64	21.00
		36	39	19.63	19.82	19.64	21.00
	75	0	19.60	19.75	19.79	21.00	
<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	19.86	19.98	19.78	21.00
		1	50	19.74	19.63	19.55	21.00
		1	99	19.61	19.77	19.76	21.00
		50	0	19.75	19.71	19.54	21.00
		50	25	19.71	19.75	19.58	21.00
		50	50	19.67	19.84	19.62	21.00
		100	0	19.54	19.75	19.59	21.00
	16QAM	1	0	19.77	19.73	19.59	21.00
		1	50	19.66	19.88	19.74	21.00
		1	99	19.83	19.89	19.56	21.00
		50	0	19.63	19.75	19.61	21.00
		50	25	19.64	19.61	19.67	21.00
		50	50	19.64	19.75	19.70	21.00
		100	0	19.64	19.75	19.54	21.00
	64QAM	1	0	19.68	19.72	19.71	21.00
		1	50	19.63	19.80	19.58	21.00
		1	99	19.73	19.79	19.62	21.00
		50	0	19.67	19.72	19.67	21.00
		50	25	19.72	19.71	19.61	21.00
		50	50	19.67	19.74	19.65	21.00
		100	0	19.66	19.72	19.81	21.00

LTE Band 5				Conducted Power(dBm)				
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				20407	20525	20643		
1.4MHz	QPSK	1	0	23.65	23.66	23.56	25.50	
		1	2	23.72	23.69	23.76	25.50	
		1	5	23.65	23.66	23.58	25.50	
		3	0	23.70	23.72	23.60	25.50	
		3	2	23.66	23.58	23.71	25.50	
		3	3	23.65	23.66	23.58	25.50	
	16QAM	6	0	23.12	22.71	22.78	24.50	
		1	0	22.96	23.29	22.96	24.50	
		1	2	23.26	22.85	23.03	24.50	
		1	5	23.17	23.26	22.85	24.50	
		3	0	23.15	22.85	22.73	24.50	
		3	2	23.15	22.73	22.60	24.50	
	64QAM	3	3	23.06	22.73	22.77	24.50	
		6	0	22.20	21.74	21.73	23.50	
		1	0	21.90	21.93	21.55	23.50	
		1	2	22.18	21.76	21.69	23.50	
		1	5	21.72	21.67	21.90	23.50	
		3	0	21.88	21.96	21.59	23.50	
	3MHz	QPSK	3	2	22.16	21.79	21.68	23.50
			3	3	21.74	21.77	21.90	23.50
			6	0	21.01	20.97	20.66	22.50
1			0	23.65	23.67	23.51	25.50	
1			7	23.63	23.65	23.64	25.50	
1			14	23.62	23.65	23.53	25.50	
16QAM		8	0	22.54	22.78	22.58	24.50	
		8	4	22.60	22.78	22.63	24.50	
		8	7	22.64	22.78	22.64	24.50	
		15	0	22.55	22.71	22.65	24.50	
		1	0	22.72	23.04	22.96	24.50	
		1	7	22.73	23.11	22.76	24.50	
64QAM		1	14	22.89	23.04	22.73	24.50	
		8	0	21.59	21.75	21.63	23.50	
		8	4	21.54	21.68	21.64	23.50	
		8	7	21.67	21.74	21.56	23.50	
		15	0	21.69	21.64	21.54	23.50	
		1	0	22.00	21.98	22.11	23.50	
QPSK		1	7	22.07	22.10	22.47	23.50	
		1	14	22.10	21.91	22.06	23.50	
		8	0	21.07	21.01	20.83	22.50	
	8	4	20.96	21.02	21.00	22.50		
	8	7	21.00	20.92	20.94	22.50		
	15	0	20.98	20.93	20.90	22.50		
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	

				20425	20525	20625	
<b>5MHz</b>	QPSK	1	0	23.63	23.71	23.60	25.50
		1	13	23.60	23.57	23.60	25.50
		1	24	23.60	23.57	23.55	25.50
		12	0	22.59	22.74	22.68	24.50
		12	6	22.66	22.80	22.65	24.50
		12	13	22.60	22.78	22.66	24.50
		25	0	22.55	22.75	22.60	24.50
	16QAM	1	0	22.74	23.04	22.95	24.50
		1	13	22.73	23.12	22.77	24.50
		1	24	22.95	22.95	22.73	24.50
		12	0	21.62	21.77	21.67	23.50
		12	6	21.62	21.65	21.62	23.50
		12	13	21.62	21.81	21.56	23.50
		25	0	21.61	21.73	21.64	23.50
	64QAM	1	0	22.00	22.00	22.10	23.50
		1	13	22.15	22.10	22.49	23.50
		1	24	22.16	21.90	22.15	23.50
		12	0	21.09	21.08	20.85	22.50
		12	6	20.97	20.99	20.99	22.50
		12	13	20.91	20.87	20.97	22.50
		25	0	21.03	20.95	20.97	22.50
<b>Bandwidth</b>	<b>Modulation</b>	<b>RB size</b>	<b>RB offset</b>	<b>Channel</b> 20450	<b>Channel</b> 20525	<b>Channel</b> 20600	<b>Tune up</b>
<b>10MHz</b>	QPSK	1	0	23.69	23.77	23.65	25.50
		1	25	23.62	23.58	23.65	25.50
		1	49	23.65	23.64	23.60	25.50
		25	0	22.69	22.88	22.71	24.50
		25	13	22.62	22.75	22.66	24.50
		25	25	22.62	22.78	22.62	24.50
		50	0	22.56	22.73	22.64	24.50
	16QAM	1	0	22.73	23.03	22.93	24.50
		1	25	22.80	23.17	22.81	24.50
		1	49	22.89	23.03	22.80	24.50
		25	0	21.64	21.84	21.68	23.50
		25	13	21.55	21.67	21.61	23.50
		25	25	21.61	21.76	21.63	23.50
		50	0	21.61	21.68	21.59	23.50
	64QAM	1	0	22.01	21.97	22.08	23.50
		1	25	22.16	22.09	22.52	23.50
		1	49	22.15	21.83	22.07	23.50
		25	0	21.01	20.99	20.89	22.50
		25	13	20.90	21.07	21.02	22.50
		25	25	21.01	20.92	20.98	22.50
		50	0	20.95	20.87	20.99	22.50

LTE Band 5 DSI3&4				Conducted Power(dBm)				
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				20407	20525	20643		
1.4MHz	QPSK	1	0	22.94	23.04	23.08	24.50	
		1	2	23.02	23.02	22.92	24.50	
		1	5	23.01	23.10	22.72	24.50	
		3	0	22.97	23.14	22.81	24.50	
		3	2	23.02	22.98	22.86	24.50	
		3	3	23.04	23.09	22.83	24.50	
	16QAM	6	0	23.20	23.03	22.96	24.50	
		1	0	23.35	23.06	23.12	24.50	
		1	2	23.34	23.28	23.15	24.50	
		1	5	23.33	23.19	22.93	24.50	
		3	0	23.19	23.01	23.02	24.50	
		3	2	23.23	23.08	22.96	24.50	
	64QAM	3	3	23.31	23.19	23.14	24.50	
		6	0	22.16	22.01	21.95	23.50	
		1	0	22.33	22.08	21.95	23.50	
		1	2	22.56	22.40	22.08	23.50	
		1	5	22.36	22.25	22.05	23.50	
		3	0	22.12	21.94	22.05	23.50	
	3MHz	QPSK	3	2	22.23	22.10	21.98	23.50
			3	3	22.22	22.23	22.01	23.50
			6	0	21.15	21.12	20.95	22.50
1			0	23.05	22.95	23.01	24.50	
1			7	23.01	23.07	22.91	24.50	
1			14	23.08	23.10	22.73	24.50	
16QAM		8	0	22.95	23.10	22.79	24.50	
		8	4	22.89	22.96	22.80	24.50	
		8	7	23.00	22.96	22.84	24.50	
		15	0	23.27	23.08	22.91	24.50	
		1	0	23.36	23.04	23.10	24.50	
		1	7	23.32	23.36	23.22	24.50	
64QAM		1	14	23.38	23.17	23.07	24.50	
		8	0	23.18	23.01	23.02	24.50	
		8	4	23.24	23.03	22.87	24.50	
		8	7	23.20	23.12	23.11	24.50	
		15	0	22.25	22.03	21.94	23.50	
		1	0	22.30	21.99	21.99	23.50	
64QAM		1	7	22.47	22.45	22.08	23.50	
		1	14	22.27	22.21	22.04	23.50	
		8	0	22.13	22.02	22.03	23.50	
	8	4	22.20	22.15	21.85	23.50		
	8	7	22.25	22.28	21.89	23.50		
	15	0	21.17	21.05	21.04	22.50		
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	

				20425	20525	20625	
<b>5MHz</b>	QPSK	1	0	23.00	22.95	23.06	24.50
		1	13	22.99	23.15	23.00	24.50
		1	24	23.04	23.06	22.81	24.50
		12	0	22.99	23.01	22.79	24.50
		12	6	22.94	23.00	22.81	24.50
		12	13	23.02	23.07	22.82	24.50
	25	0	23.27	23.00	22.83	24.50	
	16QAM	1	0	23.38	23.03	23.00	24.50
		1	13	23.38	23.41	23.23	24.50
		1	24	23.39	23.08	23.02	24.50
		12	0	23.12	23.03	23.00	24.50
		12	6	23.27	23.14	22.87	24.50
		12	13	23.29	23.14	23.04	24.50
	25	0	22.15	21.96	21.89	23.50	
	64QAM	1	0	22.20	22.05	22.00	23.50
		1	13	22.45	22.33	22.10	23.50
		1	24	22.37	22.14	22.08	23.50
		12	0	22.19	22.01	22.01	23.50
12		6	22.32	22.19	21.85	23.50	
12		13	22.16	22.22	22.00	23.50	
25	0	21.13	21.13	20.95	22.50		
<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>
				20450	20525	20600	
<b>10MHz</b>	QPSK	1	0	23.41	23.45	23.39	24.50
		1	25	23.23	23.34	23.26	24.50
		1	49	22.97	23.03	22.81	24.50
		25	0	22.93	23.06	22.83	24.50
		25	13	22.92	23.05	22.81	24.50
		25	25	23.01	23.09	22.81	24.50
	50	0	23.27	23.02	22.82	24.50	
	16QAM	1	0	23.34	23.02	23.09	24.50
		1	25	23.27	23.40	23.21	24.50
		1	49	23.34	23.09	22.99	24.50
		25	0	23.09	22.99	23.01	24.50
		25	13	23.30	23.15	22.97	24.50
		25	25	23.29	23.17	23.01	24.50
	50	0	22.25	22.05	21.84	23.50	
	64QAM	1	0	22.20	22.13	22.03	23.50
		1	25	22.42	22.36	22.06	23.50
		1	49	22.29	22.19	22.15	23.50
		25	0	22.15	21.91	21.99	23.50
25		13	22.27	22.17	21.91	23.50	
25		25	22.21	22.32	21.91	23.50	
50	0	21.14	21.11	20.96	22.50		

LTE Band 7				Conducted Power(dBm)				
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				20775	21100	21425		
5MHz	QPSK	1	0	23.28	23.24	23.10	25.00	
		1	13	23.24	23.17	23.24	25.00	
		1	24	23.26	23.25	23.16	25.00	
		12	0	22.16	22.35	22.20	24.00	
		12	6	22.18	22.37	22.21	24.00	
		12	13	22.22	22.30	22.22	24.00	
	16QAM	25	0	22.18	22.33	22.23	24.00	
		1	0	22.29	22.71	22.57	24.00	
		1	13	22.33	22.69	22.32	24.00	
		1	24	22.45	22.62	22.71	24.00	
		12	0	21.21	21.37	21.23	23.00	
		12	6	21.23	21.24	21.25	23.00	
	64QAM	12	13	21.23	21.44	21.14	23.00	
		25	0	21.30	21.27	21.18	23.00	
		1	0	21.65	21.52	21.70	23.00	
		1	13	21.76	21.72	22.08	23.00	
		1	24	21.68	21.49	21.68	23.00	
		12	0	20.66	20.65	20.43	22.00	
	10MHz	QPSK	12	6	20.52	20.65	20.52	22.00
			12	13	20.61	20.55	20.56	22.00
			25	0	20.61	20.52	20.59	22.00
1			0	23.23	23.22	23.14	25.00	
1			25	23.23	23.21	23.21	25.00	
1			49	23.28	23.26	23.15	25.00	
16QAM		25	0	22.19	22.42	22.21	24.00	
		25	13	22.27	22.32	22.29	24.00	
		25	25	22.16	22.31	22.16	24.00	
		50	0	22.14	22.30	22.19	24.00	
		1	0	22.31	22.69	22.62	24.00	
		1	25	22.35	22.73	22.33	24.00	
64QAM		1	49	22.45	22.54	22.66	24.00	
		25	0	21.25	21.38	21.21	23.00	
		25	13	21.20	21.30	21.21	23.00	
		25	25	21.23	21.34	21.24	23.00	
		50	0	21.23	21.24	21.19	23.00	
		1	0	21.58	21.55	21.77	23.00	
64QAM		1	25	21.72	21.64	22.11	23.00	
		1	49	21.74	21.52	21.69	23.00	
		25	0	20.65	20.67	20.50	22.00	
	25	13	20.53	20.64	20.62	22.00		
	25	25	20.59	20.48	20.56	22.00		
	50	0	20.62	20.49	20.53	22.00		
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	

				20825	21100	21375	
<b>15MHz</b>	QPSK	1	0	23.23	23.27	23.10	25.00
		1	38	23.18	23.14	23.18	25.00
		1	74	23.20	23.20	23.19	25.00
		36	0	22.14	22.33	22.19	24.00
		36	18	22.22	22.34	22.25	24.00
		36	39	22.18	22.32	22.15	24.00
		75	0	22.08	22.31	22.22	24.00
	16QAM	1	0	22.28	22.67	22.51	24.00
		1	38	22.34	22.72	22.37	24.00
		1	74	22.53	22.60	22.64	24.00
		36	0	21.24	21.38	21.21	23.00
		36	18	21.19	21.29	21.24	23.00
		36	39	21.20	21.34	21.18	23.00
		75	0	21.25	21.23	21.17	23.00
	64QAM	1	0	21.60	21.51	21.78	23.00
		1	38	21.69	21.62	22.07	23.00
		1	74	21.74	21.53	21.67	23.00
		36	0	20.63	20.66	20.49	22.00
		36	18	20.50	20.62	20.59	22.00
		36	39	20.61	20.56	20.57	22.00
		75	0	20.58	20.53	20.57	22.00
<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	23.26	23.32	23.28	25.00
		1	50	23.19	23.17	23.22	25.00
		1	99	23.19	23.16	23.20	25.00
		50	0	22.27	22.39	22.31	24.00
		50	25	22.26	22.33	22.21	24.00
		50	50	22.20	22.30	22.19	24.00
		100	0	22.16	22.39	22.23	24.00
	16QAM	1	0	22.28	22.65	22.58	24.00
		1	50	22.38	22.74	22.33	24.00
		1	99	22.49	22.53	22.68	24.00
		50	0	21.19	21.39	21.23	23.00
		50	25	21.14	21.26	21.14	23.00
		50	50	21.21	21.42	21.21	23.00
		100	0	21.29	21.24	21.22	23.00
	64QAM	1	0	21.66	21.60	21.77	23.00
		1	50	21.73	21.66	22.04	23.00
		1	99	21.72	21.52	21.65	23.00
		50	0	20.65	20.60	20.49	22.00
		50	25	20.55	20.65	20.54	22.00
		50	50	20.55	20.54	20.59	22.00
		100	0	20.56	20.49	20.52	22.00

LTE Band 7 DSI3&4				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20775	21100	21425	
5MHz	QPSK	1	0	19.17	19.37	19.22	20.50
		1	13	19.17	19.28	19.02	20.50
		1	24	19.16	19.24	18.96	20.50
		12	0	19.11	19.37	18.99	20.50
		12	6	19.18	19.21	19.18	20.50
		12	13	19.14	19.12	19.07	20.50
		25	0	19.09	19.22	19.11	20.50
	16QAM	1	0	19.20	19.24	19.18	20.50
		1	13	19.25	19.29	19.16	20.50
		1	24	19.23	19.21	19.10	20.50
		12	0	19.05	19.29	19.05	20.50
		12	6	19.11	19.10	19.16	20.50
		12	13	19.04	19.30	19.12	20.50
		25	0	19.11	19.11	19.07	20.50
	64QAM	1	0	19.19	19.26	19.11	20.50
		1	13	19.20	19.28	19.24	20.50
		1	24	19.10	19.28	18.99	20.50
		12	0	19.28	19.18	19.15	20.50
		12	6	19.10	19.38	19.11	20.50
		12	13	19.12	19.28	19.13	20.50
		25	0	19.12	19.15	19.07	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20800	21100	21400	
10MHz	QPSK	1	0	19.26	19.48	19.24	20.50
		1	25	19.19	19.20	19.02	20.50
		1	49	19.21	19.12	19.08	20.50
		25	0	19.16	19.39	19.09	20.50
		25	13	19.25	19.20	19.18	20.50
		25	25	19.02	19.17	19.01	20.50
		50	0	19.13	19.32	19.15	20.50
	16QAM	1	0	19.17	19.18	19.14	20.50
		1	25	19.27	19.17	19.15	20.50
		1	49	19.28	19.16	19.14	20.50
		25	0	19.08	19.22	19.01	20.50
		25	13	19.20	19.16	19.20	20.50
		25	25	19.05	19.33	19.19	20.50
		50	0	19.10	19.22	19.10	20.50
	64QAM	1	0	19.20	19.25	19.24	20.50
		1	25	19.13	19.23	19.23	20.50
		1	49	19.16	19.31	19.07	20.50
		25	0	19.26	19.15	19.03	20.50
		25	13	19.09	19.32	19.17	20.50
		25	25	19.11	19.36	19.00	20.50
		50	0	19.06	19.16	19.12	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up



				20825	21100	21375	
<b>15MHz</b>	QPSK	1	0	19.31	19.37	19.26	20.50
		1	38	19.19	19.20	19.04	20.50
		1	74	19.25	19.20	18.98	20.50
		36	0	19.21	19.45	19.04	20.50
		36	18	19.19	19.16	19.10	20.50
		36	39	19.06	19.15	19.04	20.50
		75	0	19.16	19.24	19.12	20.50
	16QAM	1	0	19.11	19.18	19.09	20.50
		1	38	19.30	19.20	19.22	20.50
		1	74	19.20	19.21	19.15	20.50
		36	0	19.06	19.31	19.09	20.50
		36	18	19.05	19.12	19.26	20.50
		36	39	19.09	19.26	19.20	20.50
		75	0	19.22	19.14	19.07	20.50
	64QAM	1	0	19.15	19.28	19.25	20.50
		1	38	19.24	19.37	19.16	20.50
		1	74	19.14	19.25	19.02	20.50
		36	0	19.27	19.13	19.11	20.50
		36	18	19.13	19.26	19.16	20.50
		36	39	19.13	19.29	19.03	20.50
		75	0	19.10	19.21	19.09	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>
				20850	21100	21350	
<b>20MHz</b>	QPSK	1	0	19.31	19.52	19.15	20.50
		1	50	19.18	19.19	19.02	20.50
		1	99	19.29	19.17	18.99	20.50
		50	0	19.13	19.37	19.05	20.50
		50	25	19.17	19.17	19.18	20.50
		50	50	19.03	19.25	18.98	20.50
		100	0	19.09	19.29	19.14	20.50
	16QAM	1	0	19.16	19.32	19.08	20.50
		1	50	19.28	19.30	19.19	20.50
		1	99	19.28	19.26	19.12	20.50
		50	0	18.99	19.29	19.04	20.50
		50	25	19.08	19.10	19.17	20.50
		50	50	19.10	19.31	19.07	20.50
		100	0	19.20	19.15	19.01	20.50
	64QAM	1	0	19.20	19.25	19.10	20.50
		1	50	19.23	19.25	19.20	20.50
		1	99	19.14	19.24	19.10	20.50
		50	0	19.28	19.16	19.15	20.50
		50	25	19.08	19.32	19.20	20.50
		50	50	19.07	19.28	19.03	20.50
		100	0	19.12	19.23	19.12	20.50

LTE FDD Band 12				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				23017	23095	23173	
1.4MHz	QPSK	1	0	23.44	23.48	23.54	25.00
		1	2	23.53	23.43	23.51	25.00
		1	5	23.51	23.46	23.40	25.00
		3	0	23.48	23.55	23.43	25.00
		3	2	23.37	23.44	23.52	25.00
		3	3	23.44	23.45	23.45	25.00
	16QAM	6	0	22.88	22.52	22.52	24.00
		1	0	22.70	23.13	22.76	24.00
		1	2	23.03	22.64	22.89	24.00
		1	5	22.95	23.00	22.62	24.00
		3	0	22.98	22.69	22.52	24.00
		3	2	22.91	22.53	22.66	24.00
	64QAM	3	3	22.78	22.53	22.53	24.00
		6	0	21.96	21.47	21.48	23.00
		1	0	21.69	21.69	21.98	23.00
		1	2	21.95	21.52	21.51	23.00
		1	5	21.49	21.51	21.77	23.00
		3	0	21.74	21.82	21.72	23.00
3MHz	QPSK	3	2	22.02	21.52	21.45	23.00
		3	3	21.61	21.56	21.77	23.00
		6	0	20.80	20.85	20.43	22.00
		1	0	23.56	23.58	23.42	25.00
		1	7	23.49	23.45	23.46	25.00
		1	14	23.55	23.54	23.49	25.00
	16QAM	8	0	22.46	22.73	22.56	24.00
		8	4	22.56	22.65	22.50	24.00
		8	7	22.54	22.63	22.44	24.00
		15	0	22.40	22.69	22.49	24.00
		1	0	22.66	23.00	22.91	24.00
		1	7	22.63	23.07	22.71	24.00
	64QAM	1	14	22.83	22.88	22.94	24.00
		8	0	21.54	21.67	21.57	23.00
		8	4	21.45	21.60	21.51	23.00
		8	7	21.50	21.71	21.49	23.00
		15	0	21.50	21.63	21.47	23.00
		1	0	21.96	21.84	22.02	23.00
QPSK	1	7	22.01	21.96	22.37	23.00	
	1	14	22.04	21.74	22.04	23.00	
	8	0	20.94	20.94	20.71	22.00	
	8	4	20.87	20.96	20.90	22.00	
	8	7	20.91	20.85	20.89	22.00	
	15	0	20.90	20.81	20.81	22.00	
5MHz	QPSK	1	0	23.56	23.51	23.39	25.00

		1	13	23.53	23.52	23.49	25.00	
		1	24	23.51	23.55	23.47	25.00	
		12	0	22.47	22.63	22.57	24.00	
		12	6	22.51	22.65	22.56	24.00	
		12	13	22.53	22.61	22.52	24.00	
		25	0	22.41	22.68	22.50	24.00	
	16QAM	1	0	22.63	23.01	22.83	24.00	
		1	13	22.62	23.03	22.72	24.00	
		1	24	22.74	22.92	22.93	24.00	
		12	0	21.48	21.70	21.54	23.00	
		12	6	21.51	21.60	21.49	23.00	
		12	13	21.51	21.71	21.44	23.00	
	64QAM	25	0	21.51	21.54	21.55	23.00	
		1	0	21.95	21.85	21.97	23.00	
		1	13	22.00	22.00	22.41	23.00	
		1	24	22.04	21.78	22.00	23.00	
		12	0	20.88	20.95	20.78	22.00	
		12	6	20.77	20.94	20.85	22.00	
	10MHz	QPSK	12	13	20.84	20.86	20.88	22.00
			25	0	20.91	20.88	20.88	22.00
			Channel					
23060								
Channel								
23095								
Channel								
23130								
Tune up								
1		0	23.57	23.62	23.55	25.00		
1		25	23.47	23.47	23.51	25.00		
1		49	23.54	23.53	23.47	25.00		
25		0	22.54	22.65	22.56	24.00		
25		13	22.52	22.62	22.50	24.00		
25		25	22.45	22.63	22.53	24.00		
50		0	22.40	22.60	22.46	24.00		
16QAM		1	0	22.60	22.91	22.86	24.00	
		1	25	22.62	23.02	22.67	24.00	
		1	49	22.82	22.84	22.94	24.00	
		25	0	21.56	21.67	21.53	23.00	
		25	13	21.50	21.53	21.45	23.00	
	25	25	21.54	21.71	21.53	23.00		
50	0	21.56	21.53	21.47	23.00			
64QAM	1	0	21.98	21.87	22.05	23.00		
	1	25	22.02	21.93	22.36	23.00		
	1	49	22.05	21.79	22.00	23.00		
	25	0	20.96	20.94	20.75	22.00		
	25	13	20.87	20.97	20.92	22.00		
	25	25	20.89	20.78	20.87	22.00		
50	0	20.90	20.79	20.85	22.00			

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				23205	23230	23255		
5MHz	QPSK	1	0	23.36	23.32	23.21	25.00	
		1	13	23.29	23.27	23.34	25.00	
		1	24	23.32	23.36	23.26	25.00	
		12	0	22.33	22.50	22.36	24.00	
		12	6	22.29	22.49	22.36	24.00	
		12	13	22.29	22.43	22.32	24.00	
	16QAM	25	0	22.18	22.45	22.26	24.00	
		1	0	22.47	22.75	22.70	24.00	
		1	13	22.49	22.86	22.47	24.00	
		1	24	22.62	22.70	22.72	24.00	
		12	0	21.35	21.45	21.38	23.00	
		12	6	21.28	21.41	21.31	23.00	
	64QAM	12	13	21.34	21.50	21.32	23.00	
		25	0	21.34	21.34	21.27	23.00	
		1	0	21.77	21.65	21.79	23.00	
		1	13	21.86	21.79	22.19	23.00	
		1	24	21.83	21.59	21.82	23.00	
		12	0	20.78	20.75	20.56	22.00	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					/	23230	/	
	10MHz	QPSK	1	0	/	23.38	/	25.00
1			25	/	23.34	/	25.00	
1			49	/	23.29	/	25.00	
25			0	/	22.64	/	24.00	
25			13	/	22.50	/	24.00	
25			25	/	22.40	/	24.00	
16QAM		50	0	/	22.49	/	24.00	
		1	0	/	22.72	/	24.00	
		1	25	/	22.80	/	24.00	
		1	49	/	22.67	/	24.00	
		25	0	/	21.51	/	23.00	
		25	13	/	21.39	/	23.00	
64QAM		25	25	/	21.49	/	23.00	
		50	0	/	21.40	/	23.00	
		1	0	/	21.60	/	23.00	
		1	25	/	21.79	/	23.00	
		1	49	/	21.59	/	23.00	
		25	0	/	20.70	/	22.00	
					/	20.68	/	22.00
					/	20.67	/	22.00
					/	20.62	/	22.00
	/				20.62	/	22.00	

LTE FDD Band 17				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				23755	23790	23825	
5MHz	QPSK	1	0	23.46	23.48	23.33	25.00
		1	13	23.38	23.38	23.37	25.00
		1	24	23.49	23.40	23.35	25.00
		12	0	22.39	22.53	22.42	24.00
		12	6	22.43	22.60	22.47	24.00
		12	13	22.39	22.55	22.35	24.00
	16QAM	25	0	22.34	22.53	22.35	24.00
		1	0	22.54	22.88	22.72	24.00
		1	13	22.56	22.97	22.61	24.00
		1	24	22.67	22.76	22.88	24.00
		12	0	21.39	21.55	21.48	23.00
		12	6	21.43	21.46	21.40	23.00
	64QAM	12	13	21.44	21.54	21.39	23.00
		25	0	21.47	21.53	21.42	23.00
		1	0	21.79	21.69	21.93	23.00
		1	13	21.87	21.82	22.22	23.00
		1	24	21.96	21.68	21.87	23.00
		12	0	20.82	20.86	20.71	22.00
10MHz	QPSK	12	6	20.74	20.85	20.74	22.00
		12	13	20.76	20.68	20.78	22.00
		25	0	20.75	20.71	20.79	22.00
		1	0	23.48	23.52	23.46	25.00
		1	25	23.37	23.36	23.45	25.00
		1	49	23.47	23.38	23.34	25.00
	16QAM	25	0	22.46	22.61	22.50	24.00
		25	13	22.38	22.56	22.49	24.00
		25	25	22.45	22.54	22.35	24.00
		50	0	22.38	22.52	22.36	24.00
		1	0	22.50	22.88	22.76	24.00
		1	25	22.61	22.91	22.52	24.00
	64QAM	1	49	22.68	22.74	22.81	24.00
		25	0	21.40	21.56	21.44	23.00
		25	13	21.36	21.50	21.39	23.00
		25	25	21.48	21.64	21.43	23.00
		50	0	21.46	21.43	21.43	23.00
		1	0	21.82	21.73	21.96	23.00
64QAM	1	25	21.94	21.92	22.25	23.00	
	1	49	21.93	21.72	21.93	23.00	
	25	0	20.80	20.78	20.64	22.00	
	25	13	20.77	20.78	20.77	22.00	
	25	25	20.78	20.69	20.79	22.00	
	50	0	20.82	20.71	20.72	22.00	

LTE Band 26				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26697	26865	27033	
1.4MHz	QPSK	1	0	23.53	23.53	23.63	25.50
		1	2	23.63	23.51	23.69	25.50
		1	5	23.62	23.65	23.54	25.50
		3	0	23.66	23.70	23.54	25.50
		3	2	23.65	23.55	23.61	25.50
		3	3	23.55	23.55	23.65	25.50
		6	0	23.02	22.57	22.63	24.50
	16QAM	1	0	22.78	23.22	22.86	24.50
		1	2	23.12	22.67	22.99	24.50
		1	5	23.12	23.08	22.76	24.50
		3	0	23.13	22.71	22.65	24.50
		3	2	23.08	22.71	22.71	24.50
		3	3	22.93	22.64	22.69	24.50
		6	0	22.06	21.58	21.59	23.50
	64QAM	1	0	21.80	21.75	22.08	23.50
		1	2	22.03	21.66	21.60	23.50
		1	5	21.59	21.62	21.88	23.50
		3	0	21.74	21.88	21.79	23.50
		3	2	22.11	21.70	21.57	23.50
		3	3	21.71	21.73	21.87	23.50
		6	0	20.92	20.87	20.58	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
3MHz	QPSK	1	0	23.60	23.69	23.69	25.50
		1	7	23.60	23.54	23.56	25.50
		1	14	23.62	23.65	23.50	25.50
		8	0	22.58	22.73	22.61	24.50
		8	4	22.58	22.72	22.62	24.50
		8	7	22.54	22.70	22.53	24.50
		15	0	22.74	22.74	22.62	24.50
	16QAM	1	0	22.66	23.07	22.90	24.50
		1	7	22.79	23.11	22.71	24.50
		1	14	22.85	22.93	23.01	24.50
		8	0	21.57	21.72	21.63	23.50
		8	4	21.53	21.69	21.53	23.50
		8	7	21.67	21.82	21.51	23.50
		15	0	21.66	21.67	21.55	23.50
	64QAM	1	0	22.02	21.94	22.06	23.50
		1	7	22.14	22.03	22.44	23.50
		1	14	22.15	21.82	22.05	23.50
		8	0	21.04	21.00	20.80	22.50
		8	4	20.93	21.01	21.01	22.50
		8	7	20.98	20.86	20.92	22.50
		15	0	20.93	20.88	20.89	22.50

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26715	26865	27015	
5MHz	QPSK	1	0	23.61	23.64	23.60	25.50
		1	13	23.63	23.54	23.54	25.50
		1	24	23.65	23.58	23.53	25.50
		12	0	22.61	22.81	22.60	24.50
		12	6	22.62	22.71	22.67	24.50
		12	13	22.62	22.74	22.57	24.50
		25	0	22.74	22.71	22.53	24.50
	16QAM	1	0	22.70	23.05	22.95	24.50
		1	13	22.70	23.13	22.73	24.50
		1	24	22.86	22.98	23.10	24.50
		12	0	21.65	21.76	21.66	23.50
		12	6	21.61	21.63	21.55	23.50
		12	13	21.63	21.78	21.51	23.50
		25	0	21.61	21.71	21.53	23.50
	64QAM	1	0	22.02	21.88	22.06	23.50
		1	13	22.05	22.09	22.42	23.50
		1	24	22.07	21.91	22.03	23.50
		12	0	21.00	20.98	20.86	22.50
		12	6	20.94	21.04	20.92	22.50
		12	13	20.96	20.94	21.00	22.50
		25	0	20.92	20.89	20.97	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
10MHz	QPSK	1	0	23.62	23.63	23.65	25.50
		1	25	23.58	23.53	23.61	25.50
		1	49	23.58	23.64	23.52	25.50
		25	0	22.59	22.76	22.66	24.50
		25	13	22.57	22.76	22.58	24.50
		25	25	22.56	22.72	22.54	24.50
		50	0	22.53	22.77	22.54	24.50
	16QAM	1	0	22.69	23.02	22.89	24.50
		1	25	22.76	23.10	22.81	24.50
		1	49	22.85	22.98	23.07	24.50
		25	0	21.58	21.76	21.58	23.50
		25	13	21.58	21.63	21.62	23.50
		25	25	21.57	21.72	21.53	23.50
		50	0	21.60	21.63	21.61	23.50
	64QAM	1	0	21.99	21.88	22.05	23.50
		1	25	22.13	22.00	22.46	23.50
		1	49	22.07	21.83	22.06	23.50
		25	0	21.03	21.05	20.80	22.50
		25	13	20.91	21.03	20.93	22.50
		25	25	20.90	20.92	20.94	22.50
		50	0	20.94	20.87	20.94	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
15MHz	QPSK	1	0	23.66	23.71	23.60	25.50
		1	38	23.54	23.61	23.59	25.50
		1	74	23.57	23.56	23.50	25.50

		36	0	22.75	22.87	22.68	24.50
		36	18	22.66	22.78	22.60	24.50
		36	39	22.57	22.71	22.62	24.50
		75	0	22.54	22.78	22.59	24.50
	16QAM	1	0	22.73	23.09	22.96	24.50
		1	38	22.72	23.12	22.76	24.50
		1	74	22.88	22.98	23.08	24.50
		36	0	21.65	21.73	21.58	23.50
		36	18	21.54	21.62	21.57	23.50
	64QAM	36	39	21.64	21.77	21.52	23.50
		75	0	21.69	21.63	21.61	23.50
		1	0	22.04	21.87	22.13	23.50
		1	38	22.08	22.00	22.45	23.50
		1	74	22.13	21.83	22.09	23.50
		36	0	21.05	21.05	20.84	22.50
		36	18	20.89	20.95	20.93	22.50
	36	39	20.91	20.92	20.97	22.50	
	75	0	20.96	20.94	20.89	22.50	

LTE Band 38				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37775	38000	38225	
5MHz	QPSK	1	0	23.22	23.26	23.15	25.00
		1	13	23.20	23.24	23.23	25.00
		1	24	23.24	23.25	23.11	25.00
		12	0	22.21	22.34	22.19	24.00
		12	6	22.25	22.39	22.28	24.00
		12	13	22.23	22.39	22.22	24.00
		25	0	22.12	22.39	22.18	24.00
	16QAM	1	0	22.36	22.69	22.51	24.00
		1	13	22.37	22.71	22.42	24.00
		1	24	22.45	22.57	22.61	24.00
		12	0	21.19	21.35	21.27	23.00
		12	6	21.17	21.31	21.14	23.00
		12	13	21.28	21.43	21.20	23.00
		25	0	21.25	21.25	21.21	23.00
	64QAM	1	0	21.62	21.60	21.75	23.00
		1	13	21.76	21.62	22.10	23.00
		1	24	21.69	21.54	21.73	23.00
		12	0	20.59	20.60	20.47	22.00
		12	6	20.56	20.65	20.58	22.00
		12	13	20.61	20.57	20.62	22.00
		25	0	20.62	20.47	20.49	22.00
Bandwidth	Modulation	RB size	RB offset	20.94	20.96	21	Tune up
				37800	38000	38200	
10MHz	QPSK	1	0	23.32	23.28	23.16	25.00
		1	25	23.18	23.24	23.23	25.00
		1	49	23.19	23.26	23.10	25.00



		25	0	22.22	22.39	22.23	24.00
		25	13	22.27	22.37	22.25	24.00
		25	25	22.20	22.35	22.14	24.00
		50	0	22.11	22.31	22.17	24.00
	16QAM	1	0	22.34	22.70	22.51	24.00
		1	25	22.41	22.75	22.43	24.00
		1	49	22.52	22.61	22.69	24.00
		25	0	21.22	21.34	21.22	23.00
		25	13	21.14	21.28	21.25	23.00
		25	25	21.22	21.41	21.22	23.00
	64QAM	50	0	21.22	21.29	21.23	23.00
		1	0	21.61	21.58	21.67	23.00
		1	25	21.74	21.71	22.07	23.00
		1	49	21.72	21.48	21.70	23.00
25		0	20.66	20.63	20.43	22.00	
25		13	20.49	20.62	20.60	22.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37825	38000	38175	
15MHz	QPSK	1	0	23.31	23.31	23.11	25.00
		1	38	23.24	23.21	23.20	25.00
		1	74	23.27	23.17	23.21	25.00
		36	0	22.16	22.40	22.23	24.00
		36	18	22.26	22.35	22.27	24.00
		36	39	22.18	22.37	22.14	24.00
		75	0	22.08	22.39	22.25	24.00
	16QAM	1	0	22.36	22.63	22.55	24.00
		1	38	22.32	22.76	22.41	24.00
		1	74	22.51	22.59	22.62	24.00
		36	0	21.23	21.39	21.22	23.00
		36	18	21.23	21.28	21.17	23.00
		36	39	21.29	21.42	21.17	23.00
		75	0	21.22	21.25	21.21	23.00
	64QAM	1	0	21.60	21.52	21.78	23.00
		1	38	21.77	21.65	22.08	23.00
		1	74	21.70	21.43	21.74	23.00
		36	0	20.68	20.64	20.42	22.00
		36	18	20.47	20.61	20.60	22.00
		36	39	20.60	20.46	20.53	22.00
		75	0	20.62	20.48	20.57	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37850	38000	38150	
20MHz	QPSK	1	0	23.35	23.39	23.33	25.00
		1	50	23.20	23.15	23.26	25.00
		1	99	23.21	23.17	23.14	25.00
		50	0	22.28	22.40	22.37	24.00
		50	25	22.25	22.36	22.27	24.00
		50	50	22.23	22.30	22.16	24.00
		100	0	22.07	22.37	22.18	24.00
	16QAM	1	0	22.33	22.67	22.60	24.00

		1	50	22.37	22.76	22.36	24.00
		1	99	22.45	22.60	22.71	24.00
		50	0	21.24	21.41	21.24	23.00
		50	25	21.20	21.33	21.16	23.00
		50	50	21.21	21.43	21.17	23.00
		100	0	21.30	21.34	21.19	23.00
	64QAM	1	0	21.67	21.52	21.76	23.00
		1	50	21.69	21.71	22.08	23.00
		1	99	21.71	21.45	21.72	23.00
		50	0	20.60	20.65	20.44	22.00
		50	25	20.55	20.61	20.53	22.00
		50	50	20.61	20.46	20.60	22.00
		100	0	20.62	20.56	20.51	22.00

LTE Band 38 DSI3&4				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37775	38000	38225	
5MHz	QPSK	1	0	20.00	20.24	20.00	21.50
		1	13	20.00	20.05	19.80	21.50
		1	24	19.98	20.04	19.80	21.50
		12	0	19.94	20.18	19.78	21.50
		12	6	19.92	20.08	19.97	21.50
		12	13	20.01	20.02	19.91	21.50
		25	0	20.02	20.06	19.95	21.50
	16QAM	1	0	19.94	20.09	20.00	21.50
		1	13	19.98	19.97	20.01	21.50
		1	24	20.07	20.13	19.92	21.50
		12	0	19.93	20.00	19.86	21.50
		12	6	20.01	20.06	20.11	21.50
		12	13	19.94	20.06	19.98	21.50
		25	0	19.86	20.03	19.91	21.50
	64QAM	1	0	20.03	20.01	20.00	21.50
		1	13	20.00	20.17	19.93	21.50
		1	24	19.92	20.01	19.89	21.50
		12	0	20.01	19.95	20.06	21.50
		12	6	19.99	20.10	19.98	21.50
		12	13	19.95	20.02	19.84	21.50
		25	0	20.01	20.00	19.94	21.50
Bandwidth	Modulation	RB size	RB offset	20.94	20.96	21	Tune up
				37800	38000	38200	
10MHz	QPSK	1	0	20.08	20.15	19.97	21.50
		1	25	20.01	20.00	19.82	21.50
		1	49	20.01	20.11	19.82	21.50
		25	0	19.95	20.11	19.88	21.50
		25	13	19.94	20.10	19.96	21.50
		25	25	19.94	19.95	19.81	21.50
		50	0	20.00	20.09	19.94	21.50
	16QAM	1	0	19.94	20.02	19.98	21.50

		1	25	20.08	20.05	20.03	21.50
		1	49	20.09	20.03	19.98	21.50
		25	0	19.96	20.03	19.91	21.50
		25	13	19.97	20.00	20.10	21.50
		25	25	19.88	20.05	19.94	21.50
		50	0	19.97	19.96	19.82	21.50
	64QAM	1	0	19.95	20.06	19.94	21.50
		1	25	19.99	20.13	19.94	21.50
		1	49	19.97	20.05	19.86	21.50
		25	0	20.10	20.03	19.97	21.50
		25	13	19.92	20.11	19.98	21.50
		25	25	20.02	20.14	19.84	21.50
		50	0	20.02	20.02	20.01	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37825	38000	38175	
15MHz	QPSK	1	0	20.13	20.18	20.02	21.50
		1	38	19.99	20.07	19.76	21.50
		1	74	19.93	20.03	19.87	21.50
		36	0	19.98	20.10	19.82	21.50
		36	18	20.03	20.04	19.96	21.50
		36	39	19.89	20.01	19.88	21.50
		75	0	20.07	20.09	19.84	21.50
	16QAM	1	0	19.96	20.03	19.92	21.50
		1	38	20.00	20.08	19.89	21.50
		1	74	20.05	20.05	19.96	21.50
		36	0	19.92	20.11	19.78	21.50
		36	18	19.93	20.03	20.15	21.50
		36	39	19.90	20.07	19.99	21.50
	64QAM	75	0	19.99	20.06	19.82	21.50
		1	0	19.94	20.10	19.99	21.50
		1	38	20.09	20.22	19.97	21.50
		1	74	19.85	19.99	19.97	21.50
		36	0	20.00	19.97	19.99	21.50
		36	18	19.94	20.16	19.97	21.50
		36	39	19.98	20.05	19.89	21.50
			75	0	19.99	20.05	19.90
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37850	38000	38150	
20MHz	QPSK	1	0	20.03	20.36	19.97	21.50
		1	50	19.99	19.99	19.80	21.50
		1	99	19.92	20.12	19.86	21.50
		50	0	20.03	20.14	19.80	21.50
		50	25	20.06	20.10	19.95	21.50
		50	50	19.97	20.03	19.90	21.50
		100	0	20.04	20.13	19.88	21.50
	16QAM	1	0	20.02	20.13	19.98	21.50
		1	50	20.08	20.01	20.00	21.50
		1	99	20.02	20.10	19.90	21.50
		50	0	19.93	20.11	19.79	21.50
		50	25	19.94	20.07	20.06	21.50
		50	50	19.95	20.03	19.88	21.50

	64QAM	100	0	19.96	20.10	19.82	21.50
		1	0	19.93	20.11	20.00	21.50
		1	50	20.05	20.17	20.01	21.50
		1	99	19.90	20.01	19.96	21.50
		50	0	20.11	19.98	19.96	21.50
		50	25	19.92	20.17	19.90	21.50
		50	50	19.97	20.15	19.91	21.50
		100	0	19.95	20.08	19.99	21.50

LTE Band 41 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	23.21	23.15	23.22	23.22	23.08	25.00
		1	13	23.10	23.14	23.15	23.12	23.13	25.00
		1	24	23.19	23.18	23.12	23.14	23.06	25.00
		12	0	22.13	22.25	22.34	22.26	22.19	24.00
		12	6	22.17	22.26	22.25	22.31	22.24	24.00
		12	13	22.18	22.31	22.33	22.27	22.18	24.00
		25	0	22.04	22.26	22.25	22.29	22.19	24.00
	16QAM	1	0	22.21	22.55	22.58	22.63	22.46	24.00
		1	13	22.34	22.67	22.74	22.68	22.36	24.00
		1	24	22.49	22.48	22.51	22.48	22.56	24.00
		12	0	21.14	21.32	21.34	21.34	21.16	23.00
		12	6	21.15	21.20	21.24	21.22	21.19	23.00
		12	13	21.21	21.31	21.32	21.33	21.11	23.00
		25	0	21.19	21.18	21.22	21.25	21.11	23.00
	64QAM	1	0	21.59	21.51	21.47	21.51	21.70	23.00
		1	13	21.71	21.63	21.64	21.61	22.00	23.00
		1	24	21.66	21.40	21.48	21.37	21.61	23.00
		12	0	20.57	20.59	20.56	20.58	20.38	22.00
		12	6	20.48	20.53	20.61	20.49	20.53	22.00
		12	13	20.49	20.47	20.49	20.44	20.52	22.00
		25	0	20.51	20.45	20.49	20.39	20.50	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
10MHz	QPSK	1	0	23.19	23.15	23.17	23.17	23.09	25.00
		1	25	23.15	23.09	23.18	23.11	23.17	25.00
		1	49	23.21	23.10	23.20	23.19	23.08	25.00
		25	0	22.19	22.32	22.28	22.27	22.19	24.00
		25	13	22.15	22.24	22.26	22.25	22.16	24.00
		25	25	22.16	22.30	22.25	22.30	22.12	24.00
		50	0	22.09	22.23	22.32	22.27	22.19	24.00
	16QAM	1	0	22.22	22.56	22.66	22.57	22.54	24.00
		1	25	22.32	22.62	22.64	22.70	22.29	24.00
		1	49	22.43	22.49	22.49	22.51	22.65	24.00
		25	0	21.18	21.29	21.36	21.34	21.17	23.00
		25	13	21.11	21.24	21.22	21.19	21.19	23.00
		25	25	21.24	21.34	21.31	21.26	21.10	23.00
		39700	40160	40620	41080	41540			

		50	0	21.15	21.21	21.26	21.19	21.16	23.00
	64QAM	1	0	21.59	21.52	21.53	21.49	21.67	23.00
		1	25	21.67	21.57	21.59	21.62	22.06	23.00
		1	49	21.62	21.37	21.45	21.42	21.60	23.00
		25	0	20.63	20.58	20.63	20.60	20.42	22.00
		25	13	20.48	20.57	20.55	20.52	20.49	22.00
		25	25	20.57	20.41	20.47	20.39	20.51	22.00
		50	0	20.54	20.49	20.49	20.44	20.49	22.00
<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>Channel</b>	<b>Tune up</b>
				39725	40173	40620	41068	41515	
<b>15MHz</b>	QPSK	1	0	23.22	23.23	23.22	23.22	23.09	25.00
		1	38	23.20	23.15	23.19	23.10	23.12	25.00
		1	74	23.23	23.14	23.20	23.13	23.13	25.00
		36	0	22.13	22.29	22.36	22.29	22.21	24.00
		36	18	22.22	22.26	22.33	22.26	22.18	24.00
		36	39	22.16	22.27	22.34	22.29	22.16	24.00
		75	0	22.11	22.28	22.34	22.29	22.20	24.00
	16QAM	1	0	22.30	22.56	22.60	22.63	22.50	24.00
		1	38	22.26	22.69	22.75	22.69	22.29	24.00
		1	74	22.48	22.47	22.58	22.50	22.66	24.00
		36	0	21.17	21.26	21.33	21.34	21.15	23.00
		36	18	21.15	21.25	21.25	21.18	21.19	23.00
		36	39	21.15	21.29	21.37	21.27	21.12	23.00
		75	0	21.24	21.22	21.22	21.18	21.18	23.00
	64QAM	1	0	21.62	21.49	21.45	21.44	21.72	23.00
		1	38	21.64	21.61	21.59	21.59	22.00	23.00
		1	74	21.69	21.45	21.43	21.45	21.63	23.00
		36	0	20.60	20.52	20.55	20.60	20.36	22.00
		36	18	20.42	20.59	20.59	20.55	20.53	22.00
		36	39	20.48	20.42	20.52	20.43	20.54	22.00
		75	0	20.53	20.49	20.50	20.46	20.49	22.00
<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>Channel</b>	<b>Tune up</b>
				39750	40185	40620	41055	41490	
<b>20MHz</b>	QPSK	1	0	23.26	23.21	23.30	23.22	23.23	25.00
		1	50	23.18	23.11	23.15	23.15	23.12	25.00
		1	99	23.13	23.13	23.18	23.10	23.16	25.00
		50	0	22.20	22.36	22.49	22.29	22.25	24.00
		50	25	22.16	22.33	22.30	22.26	22.23	24.00
		50	50	22.17	22.28	22.28	22.26	22.17	24.00
		100	0	22.04	22.28	22.36	22.31	22.12	24.00
	16QAM	1	0	22.25	22.60	22.60	22.62	22.53	24.00
		1	50	22.30	22.64	22.73	22.64	22.34	24.00
		1	99	22.43	22.54	22.55	22.53	22.63	24.00
		50	0	21.22	21.34	21.31	21.35	21.22	23.00
		50	25	21.18	21.17	21.25	21.21	21.19	23.00
		50	50	21.19	21.31	21.39	21.35	21.18	23.00
		100	0	21.17	21.17	21.27	21.15	21.11	23.00
	64QAM	1	0	21.53	21.46	21.51	21.49	21.69	23.00
		1	50	21.68	21.64	21.60	21.57	22.02	23.00
		1	99	21.69	21.35	21.48	21.42	21.66	23.00
		50	0	20.57	20.54	20.60	20.58	20.36	22.00

		50	25	20.52	20.53	20.58	20.57	20.51	22.00
		50	50	20.47	20.47	20.44	20.41	20.53	22.00
		100	0	20.58	20.46	20.44	20.47	20.52	22.00

LTE Band 41 DSI3&4				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	20.32	20.39	20.23	20.47	20.21	22.00	
		1	13	20.05	20.24	20.13	20.17	20.08	22.00	
		1	24	20.18	20.25	20.18	20.20	20.22	22.00	
		12	0	20.18	20.35	20.15	20.42	20.15	22.00	
		12	6	20.20	20.16	20.24	20.18	20.16	22.00	
		12	13	20.14	20.18	20.15	20.24	20.04	22.00	
	16QAM	25	0	20.12	20.31	20.22	20.32	20.17	22.00	
		1	0	20.22	20.29	20.20	20.23	20.21	22.00	
		1	13	20.32	20.24	20.34	20.25	20.16	22.00	
		1	24	20.24	20.27	20.27	20.22	20.29	22.00	
		12	0	20.08	20.33	20.12	20.29	20.10	22.00	
		12	6	20.28	20.14	20.21	20.19	20.18	22.00	
	64QAM	12	13	20.08	20.29	20.15	20.30	20.09	22.00	
		25	0	20.14	20.31	20.19	20.19	20.20	22.00	
		1	0	20.12	20.35	20.20	20.30	20.12	22.00	
		1	13	20.23	20.37	20.40	20.29	20.20	22.00	
		1	24	20.14	20.34	20.12	20.37	20.17	22.00	
		12	0	20.41	20.29	20.34	20.25	20.17	22.00	
	10MHz	QPSK	12	6	20.10	20.41	20.17	20.33	20.18	22.00
			12	13	20.13	20.23	20.21	20.20	20.19	22.00
	25		0	20.19	20.33	20.17	20.21	20.15	22.00	
1	0		20.34	20.37	20.31	20.44	20.13	22.00		
1	25		20.13	20.26	20.18	20.29	20.23	22.00		
1	49		20.20	20.27	20.27	20.20	20.19	22.00		
25	0		20.16	20.39	20.23	20.31	20.18	22.00		
25	13		20.17	20.21	20.31	20.18	20.18	22.00		
25	25		20.24	20.31	20.13	20.21	20.13	22.00		
50	0		20.25	20.29	20.21	20.28	20.17	22.00		
16QAM	1		0	20.17	20.41	20.22	20.28	20.22	22.00	
	1		25	20.19	20.20	20.38	20.28	20.16	22.00	
	1	49	20.24	20.25	20.36	20.32	20.17	22.00		
	25	0	20.13	20.42	20.21	20.21	20.11	22.00		
	25	13	20.23	20.27	20.22	20.27	20.25	22.00		
	25	25	20.21	20.22	20.19	20.26	20.08	22.00		
64QAM	50	0	20.18	20.35	20.21	20.26	20.12	22.00		
	1	0	20.24	20.27	20.22	20.33	20.19	22.00		
	1	25	20.28	20.39	20.26	20.34	20.17	22.00		
	1	49	20.16	20.24	20.15	20.27	20.21	22.00		
	25	0	20.27	20.28	20.22	20.22	20.09	22.00		
		25	13	20.18	20.45	20.20	20.32	20.26	22.00	

Bandwidth	Modulation	25	25	20.15	20.31	20.25	20.29	20.19	22.00	
		50	0	20.24	20.27	20.27	20.25	20.24	22.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up	
				39725	40173	40620	41068	41515		
15MHz	QPSK	1	0	20.44	20.37	20.29	20.36	20.14	22.00	
		1	38	20.10	20.32	20.13	20.16	20.08	22.00	
		1	74	20.21	20.25	20.15	20.17	20.15	22.00	
		36	0	20.20	20.43	20.21	20.42	20.17	22.00	
		36	18	20.14	20.15	20.21	20.17	20.20	22.00	
		36	39	20.26	20.22	20.17	20.20	20.14	22.00	
		75	0	20.14	20.30	20.18	20.23	20.18	22.00	
	16QAM	1	0	20.21	20.26	20.20	20.24	20.22	22.00	
		1	38	20.25	20.20	20.30	20.26	20.16	22.00	
		1	74	20.35	20.31	20.31	20.25	20.24	22.00	
		36	0	20.09	20.31	20.22	20.23	20.10	22.00	
		36	18	20.32	20.23	20.29	20.18	20.30	22.00	
		36	39	20.17	20.25	20.14	20.23	20.15	22.00	
		75	0	20.23	20.26	20.30	20.21	20.22	22.00	
	64QAM	1	0	20.18	20.36	20.22	20.22	20.08	22.00	
		1	38	20.26	20.39	20.36	20.27	20.22	22.00	
		1	74	20.17	20.22	20.18	20.39	20.21	22.00	
		36	0	20.39	20.21	20.24	20.21	20.19	22.00	
		36	18	20.10	20.38	20.19	20.43	20.18	22.00	
		36	39	20.08	20.35	20.18	20.25	20.05	22.00	
		75	0	20.14	20.33	20.12	20.25	20.24	22.00	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
					39750	40185	40620	41055	41490	
	20MHz	QPSK	1	0	20.31	20.46	<b>20.58</b>	20.38	20.16	22.00
1			50	20.11	20.38	20.20	20.24	20.11	22.00	
1			99	20.27	20.27	20.14	20.21	20.17	22.00	
50			0	20.18	20.34	20.24	20.37	20.18	22.00	
50			25	20.19	20.28	20.31	20.29	20.24	22.00	
50			50	20.12	20.23	20.16	20.24	20.08	22.00	
100			0	20.21	20.32	20.26	20.35	20.10	22.00	
16QAM		1	0	20.20	20.27	20.21	20.27	20.25	22.00	
		1	50	20.29	20.23	20.28	20.28	20.08	22.00	
		1	99	20.31	20.34	20.37	20.32	20.30	22.00	
		50	0	20.12	20.35	20.09	20.26	20.09	22.00	
		50	25	20.25	20.26	20.23	20.15	20.20	22.00	
		50	50	20.16	20.28	20.15	20.23	20.08	22.00	
		100	0	20.12	20.32	20.19	20.32	20.16	22.00	
64QAM		1	0	20.13	20.26	20.07	20.27	20.20	22.00	
		1	50	20.26	20.34	20.39	20.27	20.21	22.00	
		1	99	20.17	20.28	20.15	20.37	20.09	22.00	
		50	0	20.27	20.33	20.32	20.19	20.21	22.00	
		50	25	20.19	20.42	20.18	20.29	20.23	22.00	
		50	50	20.15	20.28	20.25	20.19	20.08	22.00	
		100	0	20.19	20.28	20.20	20.21	20.17	22.00	

## 2 Conducted Power of Main Antenna(Ant3)

### 2.1 Conducted Power of LTE

LTE Band 42				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				43115	43340	43565	
5MHz	QPSK	1	0	22.66	22.60	22.62	24.00
		1	13	22.73	22.76	22.73	24.00
		1	24	22.69	22.66	22.67	24.00
		12	0	21.67	21.66	21.67	23.00
		12	6	21.77	21.77	21.76	23.00
		12	13	21.76	21.76	21.75	23.00
		25	0	21.73	21.74	21.73	23.00
	16QAM	1	0	21.87	21.89	21.86	23.00
		1	13	21.86	21.83	21.85	23.00
		1	24	21.89	21.93	21.89	23.00
		12	0	20.73	20.67	20.70	22.00
		12	6	20.84	20.79	20.80	22.00
		12	13	20.81	20.77	20.77	22.00
		25	0	20.80	20.79	20.76	22.00
	64QAM	1	0	20.32	20.30	20.31	22.00
		1	13	20.44	20.39	20.41	22.00
		1	24	20.40	20.41	20.48	22.00
		12	0	19.28	19.31	19.24	21.00
		12	6	19.35	19.30	19.30	21.00
		12	13	19.36	19.33	19.37	21.00
		25	0	19.41	19.34	19.41	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
10MHz	QPSK	1	0	22.64	22.60	22.61	24.00
		1	25	22.68	22.68	22.69	24.00
		1	49	22.69	22.69	22.67	24.00
		25	0	21.63	21.67	21.64	23.00
		25	13	21.75	21.79	21.72	23.00
		25	25	21.74	21.76	21.73	23.00
		50	0	21.74	21.73	21.76	23.00
	16QAM	1	0	21.86	21.92	21.91	23.00
		1	25	21.89	21.84	21.84	23.00
		1	25	21.89	21.84	21.84	23.00



		1	49	21.93	21.92	21.92	23.00	
		25	0	20.67	20.67	20.73	22.00	
		25	13	20.83	20.85	20.84	22.00	
		25	25	20.73	20.79	20.76	22.00	
		50	0	20.75	20.77	20.73	22.00	
	64QAM	1	0	20.28	20.26	20.26	22.00	
		1	25	20.43	20.46	20.44	22.00	
		1	49	20.44	20.43	20.42	22.00	
		25	0	19.26	19.27	19.30	21.00	
		25	13	19.33	19.34	19.36	21.00	
		25	25	19.35	19.33	19.32	21.00	
		50	0	19.39	19.41	19.34	21.00	
<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>	
				43165	43340	43515		
<b>15MHz</b>	QPSK	1	0	22.63	22.64	22.62	24.00	
		1	38	22.68	22.72	22.73	24.00	
		1	74	22.71	22.65	22.64	24.00	
		36	0	21.65	21.68	21.70	23.00	
		36	18	21.78	21.72	21.72	23.00	
		36	39	21.80	21.74	21.80	23.00	
		75	0	21.69	21.76	21.73	23.00	
	16QAM	1	0	21.88	21.86	21.87	23.00	
		1	38	21.89	21.85	21.88	23.00	
		1	74	21.96	21.91	21.91	23.00	
		36	0	20.74	20.67	20.65	22.00	
		36	18	20.84	20.82	20.82	22.00	
		36	39	20.79	20.81	20.76	22.00	
		75	0	20.72	20.79	20.81	22.00	
	64QAM	1	0	20.34	20.26	20.33	22.00	
		1	38	20.42	20.41	20.44	22.00	
		1	74	20.45	20.42	20.41	22.00	
		36	0	19.30	19.29	19.30	21.00	
		36	18	19.32	19.35	19.28	21.00	
		36	39	19.31	19.37	19.35	21.00	
		75	0	19.39	19.37	19.40	21.00	
	<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>
					43190	43340	43490	
	<b>20MHz</b>	QPSK	1	0	22.75	22.83	22.80	24.00
1			50	22.71	22.78	22.75	24.00	
1			99	22.68	22.70	22.67	24.00	

		50	0	21.84	21.91	21.85	23.00
		50	25	21.79	21.80	21.78	23.00
		50	50	21.73	21.76	21.74	23.00
		100	0	21.71	21.74	21.73	23.00
	16QAM	1	0	21.85	21.93	21.88	23.00
		1	50	21.88	21.91	21.85	23.00
		1	99	21.92	21.96	21.96	23.00
		50	0	20.74	20.66	20.66	22.00
		50	25	20.85	20.81	20.79	22.00
		50	50	20.79	20.75	20.75	22.00
		100	0	20.79	20.74	20.75	22.00
	64QAM	1	0	20.26	20.27	20.26	22.00
		1	50	20.48	20.42	20.41	22.00
		1	99	20.44	20.44	20.43	22.00
		50	0	19.23	19.31	19.24	21.00
		50	25	19.34	19.36	19.30	21.00
		50	50	19.32	19.32	19.33	21.00
		100	0	19.34	19.39	19.33	21.00

### 3 Conducted Power of Main Antenna(Ant4)

#### 3.1 Conducted Power of GSM

GSM 850										
Burst Output Power(dBm)						Division Factors	Frame-Average Output Power(dBm)			
Channel		128	190	251	Tune up		128	190	251	Tune up
GSM(GMSK)	GSM	32.41	32.61	32.61	33.00	-9.19	23.22	23.42	23.42	23.81
GPRS (GMSK)	1 TX Slot	32.40	32.60	32.61	33.00	-9.19	23.21	23.41	23.42	23.81
	2 TX Slots	31.79	31.85	31.89	32.00	-6.18	25.61	25.67	25.71	25.82
	3 TX Slots	30.16	30.44	30.28	30.50	-4.42	25.74	26.02	25.86	26.08
	4 TX Slots	28.86	28.80	28.96	29.00	-3.17	25.69	25.63	25.79	25.83
EGPRS (GMSK)	1 TX Slot	33.18	33.39	33.40	33.00	-9.19	23.99	24.20	24.21	23.81
	2 TX Slots	31.65	31.75	31.90	32.00	-6.18	25.47	25.57	25.72	25.82
	3 TX Slots	30.15	30.45	30.27	30.50	-4.42	25.73	26.03	25.85	26.08
	4 TX Slots	28.85	28.79	28.88	29.00	-3.17	25.68	25.62	25.71	25.83
EGPRS (8PSK)	1 TX Slot	27.46	27.42	27.51	28.00	-9.19	18.27	18.23	18.32	18.81
	2 TX Slots	24.82	24.84	24.91	25.00	-6.18	18.64	18.66	18.73	18.82
	3 TX Slots	22.94	22.94	23.01	23.20	-4.42	18.52	18.52	18.59	18.78
	4 TX Slots	21.43	21.41	21.49	22.00	-3.17	18.26	18.24	18.32	18.83

GSM 850 DS11										
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	30.16	30.48	30.43	31.00	-9.19	20.97	21.29	21.24	21.81
GPRS (GMSK)	1 TX Slot	30.18	30.28	30.22	31.00	-9.19	20.99	21.09	21.03	21.81
	2 TX Slots	29.62	29.60	29.59	30.00	-6.18	23.44	23.42	23.41	23.82
	3 TX Slots	28.02	28.13	27.90	28.50	-4.42	23.60	23.71	23.48	24.08
	4 TX Slots	26.57	26.60	26.66	27.00	-3.17	23.40	23.43	23.49	23.83
EGPRS (GMSK)	1 TX Slot	29.94	30.05	30.17	31.00	-9.19	20.75	20.86	20.98	21.81
	2 TX Slots	29.37	29.51	29.69	30.00	-6.18	23.19	23.33	23.51	23.82
	3 TX Slots	27.86	28.13	28.12	28.50	-4.42	23.44	23.71	23.70	24.08
	4 TX Slots	26.62	26.46	26.67	27.00	-3.17	23.45	23.29	23.50	23.83
EGPRS (8PSK)	1 TX Slot	25.27	25.22	25.25	26.00	-9.19	16.08	16.03	16.06	16.81
	2 TX Slots	22.56	22.54	22.59	23.00	-6.18	16.38	16.36	16.41	16.82
	3 TX Slots	20.71	20.65	20.75	21.20	-4.42	16.29	16.23	16.33	16.78
	4 TX Slots	19.13	19.29	19.32	20.00	-3.17	15.96	16.12	16.15	16.83

GSM 1900										
Burst Output Power(dBm)						Division Factors	Frame-Average Output Power(dBm)			
Channel		512	661	810	Tune up		512	661	810	Tune up
GSM(GMSK)	GSM	29.96	29.86	29.70	30.00	-9.19	20.77	20.67	20.51	20.81
GPRS (GMSK)	1 TX Slot	29.95	29.85	29.66	30.00	-9.19	20.76	20.66	20.47	20.81
	2 TX Slots	27.70	27.68	27.58	28.50	-6.18	21.52	21.50	21.40	22.32
	3 TX Slots	26.68	26.72	26.54	27.50	-4.42	22.26	22.30	22.12	23.08
	4 TX Slots	25.00	24.96	24.88	26.00	-3.17	21.83	21.79	21.71	22.83

EGPRS (GMSK)	1 TX Slot	29.85	29.76	29.58	30.00	-9.19	20.66	20.57	20.39	20.81
	2 TX Slots	27.64	27.61	27.48	28.50	-6.18	21.46	21.43	21.30	22.32
	3 TX Slots	26.61	26.57	26.49	27.50	-4.42	22.19	22.15	22.07	23.08
	4 TX Slots	24.93	24.89	24.78	26.00	-3.17	21.76	21.72	21.61	22.83
EGPRS (8PSK)	1 TX Slot	25.36	25.37	25.41	27.00	-9.19	16.17	16.18	16.22	17.81
	2 TX Slots	22.86	22.91	22.91	24.00	-6.18	16.68	16.73	16.73	17.82
	3 TX Slots	21.07	21.11	21.11	22.20	-4.42	16.65	16.69	16.69	17.78
	4 TX Slots	19.49	19.48	19.51	21.00	-3.17	16.32	16.31	16.34	17.83

GSM 1900 DSI1										
Burst Output Power(dBm)						Division Factors	Frame-Average Output Power(dBm)			
Channel		512	661	810	Tune up		512	661	810	Tune up
GSM(GMSK)	GSM	23.43	23.44	23.16	23.50	-9.19	14.24	14.25	13.97	14.31
GPRS (GMSK)	1 TX Slot	23.47	23.43	23.24	23.50	-9.19	14.28	14.24	14.05	14.31
	2 TX Slots	21.24	21.22	21.11	22.00	-6.18	15.06	15.04	14.93	15.82
	3 TX Slots	20.18	20.21	20.01	21.00	-4.42	15.76	15.79	15.59	16.58
	4 TX Slots	18.57	18.42	18.34	19.50	-3.17	15.40	15.25	15.17	16.33
EGPRS (GMSK)	1 TX Slot	23.36	23.29	23.15	23.50	-9.19	14.17	14.10	13.96	14.31
	2 TX Slots	21.17	21.12	21.02	22.00	-6.18	14.99	14.94	14.84	15.82
	3 TX Slots	20.14	20.14	19.96	21.00	-4.42	15.72	15.72	15.54	16.58
	4 TX Slots	18.47	18.40	18.30	19.50	-3.17	15.30	15.23	15.13	16.33
EGPRS (8PSK)	1 TX Slot	18.86	18.85	18.91	20.50	-9.19	9.67	9.66	9.72	11.31
	2 TX Slots	16.40	16.44	16.47	17.50	-6.18	10.22	10.26	10.29	11.32
	3 TX Slots	14.57	14.68	14.60	15.70	-4.42	10.15	10.26	10.18	11.28
	4 TX Slots	13.09	12.96	13.08	14.50	-3.17	9.92	9.79	9.91	11.33

GSM 1900 DSI4										
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	24.93	24.95	24.68	25.00	-9.19	15.74	15.76	15.49	15.81
GPRS (GMSK)	1 TX Slot	24.93	24.92	24.72	25.00	-9.19	15.74	15.73	15.53	15.81
	2 TX Slots	22.75	22.69	22.63	23.50	-6.18	16.57	16.51	16.45	17.32
	3 TX Slots	21.71	21.79	21.49	22.50	-4.42	17.29	17.37	17.07	18.08
	4 TX Slots	20.02	20.03	19.96	21.00	-3.17	16.85	16.86	16.79	17.83
EGPRS (GMSK)	1 TX Slot	24.85	24.78	24.56	25.00	-9.19	15.66	15.59	15.37	15.81
	2 TX Slots	22.74	22.60	22.57	23.50	-6.18	16.56	16.42	16.39	17.32
	3 TX Slots	21.59	21.57	21.53	22.50	-4.42	17.17	17.15	17.11	18.08
	4 TX Slots	19.99	19.97	19.79	21.00	-3.17	16.82	16.80	16.62	17.83
EGPRS (8PSK)	1 TX Slot	20.42	20.44	20.37	22.00	-9.19	11.23	11.25	11.18	12.81
	2 TX Slots	17.93	17.92	17.87	19.00	-6.18	11.75	11.74	11.69	12.82
	3 TX Slots	16.12	16.16	16.19	17.20	-4.42	11.70	11.74	11.77	12.78
	4 TX Slots	14.56	14.43	14.54	16.00	-3.17	11.39	11.26	11.37	12.83

### 3.2 Conducted Power of WCDMA

WCDMA Band II					
Average Conducted Power(dBm)					
Channel		9262	9400	9538	Tune up
WCDMA	12.2kbps RMC	24.42	24.51	23.56	25.50
	12.2kbps AMR	24.37	24.36	23.50	25.50
HSDPA	Subtest 1	23.29	23.45	23.27	24.50
	Subtest 2	22.70	22.84	22.71	24.50
	Subtest 3	22.64	22.90	22.70	24.00
	Subtest 4	22.61	22.87	22.78	24.00
HSUPA	Subtest 1	23.11	23.04	23.04	24.50
	Subtest 2	21.69	21.62	21.51	22.50
	Subtest 3	21.71	21.57	21.75	23.50
	Subtest 4	21.23	21.38	21.24	22.50
DC-HSDPA	Subtest 5	23.25	23.20	23.44	24.50
	Subtest 1	23.24	23.35	23.29	24.50
	Subtest 2	22.55	22.76	22.76	24.50
	Subtest 3	22.53	22.85	22.71	24.00
HSPA+	Subtest 4	22.65	22.81	22.68	24.00
HSPA+	16QAM	24.37	24.21	24.21	25.50

WCDMA Band II DSI1					
Average Conducted Power(dBm)					
Channel		9262	9400	9538	Tune up
WCDMA	12.2kbps RMC	14.52	14.55	13.95	15.50
	12.2kbps AMR	14.44	14.36	13.85	15.50
HSDPA	Subtest 1	13.26	13.46	13.63	14.50
	Subtest 2	12.69	12.88	13.13	14.50
	Subtest 3	12.71	12.87	13.06	14.00
	Subtest 4	12.64	12.88	13.25	14.00
HSUPA	Subtest 1	13.13	13.01	13.40	14.50
	Subtest 2	11.65	11.62	11.89	12.50
	Subtest 3	11.76	11.62	12.21	13.50
	Subtest 4	11.26	11.43	11.67	12.50
DC-HSDPA	Subtest 5	13.33	13.22	13.83	14.50
	Subtest 1	13.34	13.42	13.78	14.50
	Subtest 2	12.51	12.85	13.25	14.50
	Subtest 3	12.59	12.93	13.19	14.00
HSPA+	Subtest 4	12.70	12.86	13.13	14.00
HSPA+	16QAM	14.33	14.35	14.29	15.50

WCDMA Band II DSI2					
Average Conducted Power(dBm)					
Channel		9262	9400	9538	Tune up
WCDMA	12.2kbps RMC	22.45	22.53	21.98	23.50
	12.2kbps AMR	22.44	22.35	21.98	23.50
HSDPA	Subtest 1	21.28	21.42	21.65	22.50
	Subtest 2	20.73	20.86	21.08	22.50
	Subtest 3	20.67	20.93	21.17	22.00
	Subtest 4	20.59	20.89	21.16	22.00
HSUPA	Subtest 1	21.14	21.01	21.52	22.50
	Subtest 2	19.70	19.67	19.88	20.50
	Subtest 3	19.78	19.54	20.12	21.50
	Subtest 4	19.29	19.41	19.70	20.50
	Subtest 5	21.21	21.27	21.93	22.50
DC-HSDPA	Subtest 1	21.26	21.34	21.68	22.50
	Subtest 2	20.57	20.80	21.12	22.50
	Subtest 3	20.54	20.86	21.13	22.00
	Subtest 4	20.62	20.80	21.08	22.00
HSPA+	16QAM	22.34	22.36	22.31	23.50

WCDMA Band II DSI4					
Average Conducted Power(dBm)					
Channel		9262	9400	9538	Tune up
WCDMA	12.2kbps RMC	16.99	17.10	16.76	18.00
	12.2kbps AMR	16.96	16.94	16.71	18.00
HSDPA	Subtest 1	15.84	15.91	16.22	17.00
	Subtest 2	15.20	15.42	15.71	17.00
	Subtest 3	15.18	15.43	15.60	16.50
	Subtest 4	15.09	15.39	15.74	16.50
HSUPA	Subtest 1	15.67	15.64	15.97	17.00
	Subtest 2	14.24	14.21	14.49	15.00
	Subtest 3	14.26	14.04	14.62	16.00
	Subtest 4	13.68	13.88	14.15	15.00
	Subtest 5	15.71	15.72	16.38	17.00
DC-HSDPA	Subtest 1	15.73	15.91	16.26	17.00
	Subtest 2	15.07	15.25	15.75	17.00
	Subtest 3	15.00	15.43	15.61	16.50
	Subtest 4	15.13	15.35	15.60	16.50
HSPA+	16QAM	16.76	16.82	16.56	18.00

WCDMA Band IV					
Average Conducted Power(dBm)					
Channel		1312	1412	1513	Tune up
WCDMA	12.2kbps RMC	24.34	24.51	24.5	25.50
	12.2kbps AMR	24.32	24.27	24.25	25.50
HSDPA	Subtest 1	23.53	23.60	23.50	24.50
	Subtest 2	22.79	23.00	22.99	24.50
	Subtest 3	22.91	23.07	22.91	24.00
	Subtest 4	22.82	23.09	22.94	24.00
HSUPA	Subtest 1	23.26	23.25	23.21	24.50
	Subtest 2	21.84	21.82	21.73	22.50
	Subtest 3	21.96	21.70	21.96	23.50
	Subtest 4	21.38	21.58	21.38	22.50
	Subtest 5	23.37	23.40	23.56	24.50
DC-HSDPA	Subtest 1	23.39	23.49	23.47	24.50
	Subtest 2	22.74	22.99	22.88	24.50
	Subtest 3	22.77	23.00	22.85	24.00
	Subtest 4	22.73	23.04	22.86	24.00
HSPA+	16QAM	24.56	24.33	24.33	25.50

WCDMA Band IV DSI1					
Average Conducted Power(dBm)					
Channel		1312	1412	1513	Tune up
WCDMA	12.2kbps RMC	15.37	15.58	15.5	16.50
	12.2kbps AMR	15.36	15.34	15.28	16.50
HSDPA	Subtest 1	14.63	14.61	14.51	15.50
	Subtest 2	13.77	13.99	14.02	15.50
	Subtest 3	13.90	14.15	13.90	15.00
	Subtest 4	13.89	14.11	13.94	15.00
HSUPA	Subtest 1	14.22	14.24	14.16	15.50
	Subtest 2	12.93	12.77	12.75	13.50
	Subtest 3	12.95	12.72	12.91	14.50
	Subtest 4	12.42	12.60	12.36	13.50
	Subtest 5	14.36	14.41	14.55	15.50
DC-HSDPA	Subtest 1	14.45	14.55	14.44	15.50
	Subtest 2	13.75	13.96	13.94	15.50
	Subtest 3	13.82	14.05	13.81	15.00
	Subtest 4	13.80	14.00	13.94	15.00
HSPA+	16QAM	15.16	15.32	15.27	16.50

WCDMA Band IV DSI4					
Average Conducted Power(dBm)					
Channel		1312	1412	1513	Tune up
WCDMA	12.2kbps RMC	17.86	18.05	18.01	19.00
	12.2kbps AMR	17.78	17.74	17.77	19.00
HSDPA	Subtest 1	17.03	17.18	17.00	18.00
	Subtest 2	16.27	16.48	16.52	18.00

	Subtest 3	16.44	16.63	16.48	17.50
	Subtest 4	16.34	16.55	16.44	17.50
HSUPA	Subtest 1	16.83	16.71	16.71	18.00
	Subtest 2	15.36	15.27	15.31	16.00
	Subtest 3	15.43	15.26	15.54	17.00
	Subtest 4	14.91	15.17	14.84	16.00
	Subtest 5	16.84	16.96	17.04	18.00
DC-HSDPA	Subtest 1	16.90	16.98	17.03	18.00
	Subtest 2	16.25	16.51	16.41	18.00
	Subtest 3	16.26	16.58	16.39	17.50
	Subtest 4	16.31	16.50	16.34	17.50
HSPA+	16QAM	17.56	17.67	17.62	19.00

WCDMA Band V					
Average Conducted Power(dBm)					
Channel		4132	4182	4233	Tune up
WCDMA	12.2kbps RMC	24.40	24.57	24.56	25.50
	12.2kbps AMR	24.42	24.36	24.35	25.50
HSDPA	Subtest 1	23.58	23.70	23.59	24.50
	Subtest 2	22.86	23.07	23.05	24.50
	Subtest 3	22.97	23.14	22.99	24.00
	Subtest 4	22.90	23.18	22.99	24.00
HSUPA	Subtest 1	23.32	23.30	23.26	24.50
	Subtest 2	21.92	21.87	21.83	22.50
	Subtest 3	22.03	21.78	22.05	23.50
	Subtest 4	21.46	21.68	21.43	22.50
	Subtest 5	23.47	23.47	23.63	24.50
DC-HSDPA	Subtest 1	23.45	23.58	23.53	24.50
	Subtest 2	22.82	23.04	22.94	24.50
	Subtest 3	22.84	23.10	22.92	24.00
	Subtest 4	22.79	23.09	22.96	24.00
HSPA+	16QAM	24.65	24.42	24.40	25.50

WCDMA Band V DSI1					
Average Conducted Power(dBm)					
Channel		4132	4182	4233	Tune up
WCDMA	12.2kbps RMC	22.97	23.15	23.14	24.00
	12.2kbps AMR	22.97	22.90	22.90	24.00
HSDPA	Subtest 1	22.03	22.27	22.19	23.00
	Subtest 2	21.32	21.60	21.55	23.00
	Subtest 3	21.43	21.74	21.48	22.50
	Subtest 4	21.44	21.64	21.57	22.50
HSUPA	Subtest 1	21.90	21.89	21.77	23.00
	Subtest 2	20.48	20.38	20.32	21.00
	Subtest 3	20.62	20.29	20.63	22.00
	Subtest 4	19.96	20.23	19.91	21.00
	Subtest 5	22.03	22.00	22.19	23.00



DC-HSDPA	Subtest 1	21.95	22.18	22.11	23.00
	Subtest 2	21.39	21.51	21.47	23.00
	Subtest 3	21.34	21.69	21.47	22.50
	Subtest 4	21.32	21.69	21.55	22.50
HSPA+	16QAM	22.63	22.94	22.92	24.00

WCDMA Band V DSI4					
Average Conducted Power(dBm)					
Channel		4132	4182	4233	Tune up
WCDMA	12.2kbps RMC	23.44	23.58	23.56	24.50
	12.2kbps AMR	23.37	23.33	23.44	24.50
HSDPA	Subtest 1	22.56	22.73	22.68	23.50
	Subtest 2	21.90	22.16	22.00	23.50
	Subtest 3	22.05	22.13	21.94	23.00
	Subtest 4	21.97	22.23	21.96	23.00
HSUPA	Subtest 1	22.42	22.34	22.27	23.50
	Subtest 2	20.92	20.96	20.84	21.50
	Subtest 3	21.08	20.75	21.09	22.50
	Subtest 4	20.44	20.65	20.53	21.50
	Subtest 5	22.56	22.42	22.73	23.50
DC-HSDPA	Subtest 1	22.51	22.55	22.52	23.50
	Subtest 2	21.89	22.13	21.93	23.50
	Subtest 3	21.85	22.07	21.92	23.00
	Subtest 4	21.82	22.13	22.06	23.00
HSPA+	16QAM	23.13	23.24	23.23	24.50

### 3.3 Conducted Power of LTE

LTE Band 2				Conducted Power(dBm)				
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				18607	18900	19193		
1.4MHz	QPSK	1	0	23.14	23.19	23.28	25.00	
		1	2	23.19	23.16	23.30	25.00	
		1	5	23.22	23.16	23.06	25.00	
		3	0	23.21	23.23	23.16	24.00	
		3	2	23.12	23.07	23.22	24.00	
		3	3	23.18	23.17	23.08	24.00	
	16QAM	6	0	22.64	22.19	22.27	24.00	
		1	0	22.37	22.80	22.41	24.00	
		1	2	22.76	22.35	22.50	24.00	
		1	5	22.62	22.74	22.35	24.00	
		3	0	22.69	22.30	22.22	23.00	
		3	2	22.63	22.24	22.32	23.00	
	64QAM	3	3	22.48	22.20	22.26	23.00	
		6	0	21.67	21.19	21.22	23.00	
		1	0	21.40	21.44	21.71	23.00	
		1	2	21.65	21.25	21.24	23.00	
		1	5	21.28	21.16	21.41	23.00	
		3	0	21.36	21.49	21.42	22.00	
	3MHz	QPSK	3	2	21.69	21.24	21.22	22.00
			3	3	21.24	21.29	21.41	22.00
			6	0	20.55	20.51	20.20	22.00
1			0	23.29	23.28	23.26	25.00	
1			7	23.15	23.12	23.19	25.00	
1			14	23.23	23.22	23.08	25.00	
16QAM		8	0	22.15	22.36	22.24	24.00	
		8	4	22.21	22.36	22.19	24.00	
		8	7	22.19	22.30	22.14	24.00	
		15	0	22.05	22.37	22.21	24.00	
		1	0	22.30	22.59	22.52	24.00	
		1	7	22.28	22.74	22.34	24.00	
64QAM	1	14	22.51	22.50	22.64	24.00		
	8	0	21.24	21.32	21.23	23.00		
	8	4	21.11	21.27	21.21	23.00		
	8	7	21.24	21.32	21.17	23.00		
	15	0	21.18	21.22	21.15	23.00		
	1	0	21.60	21.56	21.71	23.00		
64QAM	1	7	21.65	21.61	22.07	23.00		
	1	14	21.65	21.42	21.61	23.00		
	8	0	20.63	20.62	20.44	22.00		
	8	4	20.46	20.62	20.52	22.00		
	8	7	20.51	20.48	20.58	22.00		
	15	0	20.58	20.51	20.53	22.00		

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				18625	18900	19175		
5MHz	QPSK	1	0	23.28	23.22	23.26	25.00	
		1	13	23.16	23.12	23.20	25.00	
		1	24	23.22	23.22	23.13	25.00	
		12	0	22.16	22.30	22.18	24.00	
		12	6	22.19	22.27	22.20	24.00	
		12	13	22.15	22.28	22.13	24.00	
	16QAM	25	0	22.09	22.29	22.16	24.00	
		1	0	22.30	22.58	22.57	24.00	
		1	13	22.31	22.76	22.38	24.00	
		1	24	22.44	22.57	22.64	24.00	
		12	0	21.20	21.40	21.24	23.00	
		12	6	21.19	21.24	21.18	23.00	
	64QAM	12	13	21.20	21.30	21.17	23.00	
		25	0	21.20	21.25	21.20	23.00	
		1	0	21.62	21.50	21.74	23.00	
		1	13	21.70	21.61	22.06	23.00	
		1	24	21.68	21.48	21.72	23.00	
		12	0	20.62	20.59	20.42	22.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				18650	18900	19150		
10MHz	QPSK	1	0	23.28	23.29	23.22	25.00	
		1	25	23.21	23.14	23.17	25.00	
		1	49	23.19	23.20	23.08	25.00	
		25	0	22.16	22.37	22.18	24.00	
		25	13	22.16	22.32	22.26	24.00	
		25	25	22.15	22.34	22.11	24.00	
	16QAM	50	0	22.07	22.35	22.20	24.00	
		1	0	22.33	22.63	22.50	24.00	
		1	25	22.30	22.71	22.31	24.00	
		1	49	22.47	22.51	22.61	24.00	
		25	0	21.22	21.31	21.24	23.00	
		25	13	21.12	21.21	21.21	23.00	
	64QAM	25	25	21.22	21.31	21.17	23.00	
		50	0	21.25	21.23	21.13	23.00	
		1	0	21.56	21.50	21.64	23.00	
		1	25	21.70	21.59	22.04	23.00	
		1	49	21.71	21.41	21.72	23.00	
		25	0	20.63	20.63	20.46	22.00	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					18675	18900	19125	
	15MHz	QPSK	1	0	23.20	23.23	23.25	25.00
			1	38	23.14	23.19	23.21	25.00

		1	74	23.18	23.18	23.11	25.00	
		36	0	22.13	22.35	22.24	24.00	
		36	18	22.21	22.29	22.20	24.00	
		36	39	22.15	22.34	22.17	24.00	
		75	0	22.08	22.26	22.13	24.00	
	16QAM	1	0	22.30	22.65	22.59	24.00	
		1	38	22.30	22.72	22.37	24.00	
		1	74	22.43	22.51	22.65	24.00	
		36	0	21.20	21.36	21.26	23.00	
		36	18	21.18	21.27	21.22	23.00	
		36	39	21.19	21.31	21.10	23.00	
	64QAM	75	0	21.25	21.25	21.17	23.00	
		1	0	21.65	21.54	21.72	23.00	
		1	38	21.65	21.67	22.02	23.00	
		1	74	21.73	21.45	21.63	23.00	
		36	0	20.58	20.63	20.45	22.00	
		36	18	20.53	20.62	20.59	22.00	
		36	39	20.50	20.50	20.55	22.00	
	75	0	20.51	20.49	20.49	22.00		
	<b>Bandwidth</b>	<b>Modulation</b>	<b>RB size</b>	<b>RB offset</b>	<b>Channel</b>	<b>Channel</b>	<b>Channel</b>	<b>Tune up</b>
					18700	18900	19100	
<b>20MHz</b>	QPSK	1	0	23.29	23.35	23.21	25.00	
		1	50	23.14	23.20	23.11	25.00	
		1	99	23.21	23.16	23.12	25.00	
		50	0	22.20	22.37	22.21	24.00	
		50	25	22.18	22.27	22.19	24.00	
		50	50	22.18	22.30	22.19	24.00	
		100	0	22.13	22.35	22.22	24.00	
	16QAM	1	0	22.28	22.63	22.53	24.00	
		1	50	22.39	22.67	22.29	24.00	
		1	99	22.47	22.60	22.62	24.00	
		50	0	21.24	21.33	21.24	23.00	
		50	25	21.14	21.23	21.22	23.00	
		50	50	21.27	21.40	21.14	23.00	
		100	0	21.26	21.22	21.14	23.00	
	64QAM	1	0	21.61	21.49	21.73	23.00	
		1	50	21.67	21.58	22.09	23.00	
		1	99	21.66	21.49	21.69	23.00	
		50	0	20.57	20.63	20.45	22.00	
		50	25	20.51	20.56	20.59	22.00	
		50	50	20.55	20.50	20.49	22.00	
		100	0	20.56	20.48	20.54	22.00	

LTE Band 2 DS11				Conducted Power(dBm)				
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				18607	18900	19193		
1.4MHz	QPSK	1	0	14.70	14.80	14.55	15.50	
		1	2	14.48	14.65	14.41	15.50	
		1	5	14.58	14.59	14.47	15.50	
		3	0	14.62	14.74	14.45	15.50	
		3	2	14.61	14.74	14.63	15.50	
		3	3	14.56	14.52	14.47	15.50	
	16QAM	6	0	14.54	14.78	14.52	15.50	
		1	0	14.65	14.73	14.52	15.50	
		1	2	14.69	14.68	14.60	15.50	
		1	5	14.67	14.56	14.58	15.50	
		3	0	14.47	14.72	14.46	15.50	
		3	2	14.48	14.59	14.65	15.50	
	64QAM	3	3	14.54	14.62	14.48	15.50	
		6	0	14.58	14.64	14.56	15.50	
		1	0	14.53	14.62	14.45	15.50	
		1	2	14.57	14.74	14.52	15.50	
		1	5	14.53	14.71	14.48	15.50	
		3	0	14.70	14.48	14.58	15.50	
	3MHz	QPSK	3	2	14.51	14.67	14.47	15.50
			3	3	14.49	14.58	14.54	15.50
			6	0	14.64	14.66	14.51	15.50
1			0	14.64	14.81	14.47	15.50	
1			7	14.43	14.61	14.42	15.50	
1			14	14.53	14.53	14.41	15.50	
16QAM		8	0	14.59	14.72	14.52	15.50	
		8	4	14.64	14.59	14.52	15.50	
		8	7	14.58	14.59	14.43	15.50	
		15	0	14.59	14.71	14.56	15.50	
		1	0	14.54	14.75	14.55	15.50	
		1	7	14.67	14.62	14.59	15.50	
64QAM		1	14	14.67	14.56	14.61	15.50	
		8	0	14.39	14.75	14.44	15.50	
		8	4	14.53	14.57	14.60	15.50	
		8	7	14.51	14.67	14.41	15.50	
		15	0	14.52	14.54	14.45	15.50	
		1	0	14.52	14.62	14.45	15.50	
64QAM		1	7	14.65	14.78	14.59	15.50	
		1	14	14.53	14.67	14.38	15.50	
		8	0	14.72	14.53	14.48	15.50	
	8	4	14.50	14.75	14.53	15.50		
	8	7	14.53	14.58	14.58	15.50		
	15	0	14.51	14.62	14.55	15.50		
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				18615	18900	19185		

				18625	18900	19175	
<b>5MHz</b>	QPSK	1	0	14.71	14.78	14.48	15.50
		1	13	14.49	14.71	14.37	15.50
		1	24	14.67	14.52	14.42	15.50
		12	0	14.54	14.79	14.51	15.50
		12	6	14.68	14.62	14.59	15.50
		12	13	14.54	14.58	14.43	15.50
		25	0	14.59	14.77	14.52	15.50
	16QAM	1	0	14.64	14.64	14.47	15.50
		1	13	14.62	14.59	14.60	15.50
		1	24	14.73	14.53	14.58	15.50
		12	0	14.38	14.68	14.45	15.50
		12	6	14.60	14.63	14.62	15.50
		12	13	14.53	14.67	14.52	15.50
		25	0	14.45	14.64	14.45	15.50
	64QAM	1	0	14.53	14.70	14.52	15.50
		1	13	14.63	14.71	14.58	15.50
		1	24	14.61	14.74	14.41	15.50
		12	0	14.63	14.59	14.55	15.50
		12	6	14.46	14.66	14.57	15.50
		12	13	14.58	14.68	14.56	15.50
		25	0	14.55	14.65	14.48	15.50
<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>
				18650	18900	19150	
<b>10MHz</b>	QPSK	1	0	14.62	14.81	14.60	15.50
		1	25	14.53	14.68	14.30	15.50
		1	49	14.66	14.52	14.44	15.50
		25	0	14.56	14.68	14.45	15.50
		25	13	14.55	14.60	14.52	15.50
		25	25	14.51	14.47	14.42	15.50
		50	0	14.67	14.66	14.56	15.50
	16QAM	1	0	14.53	14.67	14.57	15.50
		1	25	14.65	14.69	14.53	15.50
		1	49	14.62	14.58	14.55	15.50
		25	0	14.37	14.68	14.44	15.50
		25	13	14.45	14.61	14.61	15.50
		25	25	14.53	14.63	14.51	15.50
		50	0	14.47	14.61	14.50	15.50
	64QAM	1	0	14.54	14.69	14.53	15.50
		1	25	14.62	14.73	14.56	15.50
		1	49	14.54	14.73	14.46	15.50
		25	0	14.65	14.50	14.45	15.50
		25	13	14.44	14.72	14.54	15.50
		25	25	14.61	14.69	14.52	15.50
		50	0	14.61	14.66	14.49	15.50
<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	14.70	14.74	14.51	15.50
		1	38	14.51	14.65	14.43	15.50
		1	74	14.55	14.57	14.52	15.50

	16QAM	36	0	14.60	14.69	14.49	15.50
		36	18	14.67	14.64	14.58	15.50
		36	39	14.48	14.47	14.39	15.50
		75	0	14.63	14.72	14.55	15.50
		1	0	14.64	14.68	14.50	15.50
		1	38	14.67	14.65	14.58	15.50
		1	74	14.61	14.66	14.49	15.50
		36	0	14.49	14.67	14.43	15.50
		36	18	14.53	14.54	14.70	15.50
	64QAM	36	39	14.48	14.72	14.47	15.50
	75	0	14.55	14.60	14.50	15.50	
	1	0	14.56	14.68	14.52	15.50	
	1	38	14.68	14.66	14.51	15.50	
	1	74	14.56	14.70	14.49	15.50	
	36	0	14.69	14.60	14.55	15.50	
	36	18	14.46	14.73	14.56	15.50	
	36	39	14.47	14.57	14.59	15.50	
	75	0	14.55	14.63	14.56	15.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18700	18900	19100	
20MHz	QPSK	1	0	14.69	14.91	14.56	15.50
		1	50	14.47	14.62	14.44	15.50
		1	99	14.53	14.56	14.51	15.50
		50	0	14.57	14.73	14.43	15.50
		50	25	14.54	14.72	14.61	15.50
		50	50	14.46	14.51	14.51	15.50
		100	0	14.64	14.64	14.48	15.50
	16QAM	1	0	14.63	14.72	14.59	15.50
		1	50	14.72	14.69	14.66	15.50
		1	99	14.67	14.57	14.62	15.50
		50	0	14.49	14.70	14.41	15.50
		50	25	14.49	14.57	14.62	15.50
		50	50	14.42	14.65	14.41	15.50
		100	0	14.45	14.64	14.52	15.50
	64QAM	1	0	14.58	14.76	14.47	15.50
		1	50	14.66	14.79	14.55	15.50
		1	99	14.53	14.73	14.43	15.50
		50	0	14.61	14.60	14.59	15.50
		50	25	14.50	14.66	14.59	15.50
		50	50	14.54	14.70	14.56	15.50
		100	0	14.64	14.66	14.53	15.50

LTE Band 2 DSI2				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18607	18900	19193	
1.4MHz	QPSK	1	0	22.13	22.29	22.05	23.00
		1	2	22.14	22.20	22.11	23.00

		1	5	22.16	22.09	22.24	23.00
		3	0	22.19	22.25	22.21	23.00
		3	2	22.15	22.19	22.07	23.00
		3	3	22.21	22.14	22.13	23.00
		6	0	22.20	22.19	22.18	23.00
		1	0	22.19	22.07	22.07	23.00
	16QAM	1	2	22.07	22.24	22.14	23.00
		1	5	22.17	22.12	22.05	23.00
		3	0	22.05	22.22	22.08	23.00
		3	2	22.05	22.17	22.15	23.00
		3	3	22.25	22.28	22.09	23.00
		6	0	21.72	21.91	21.76	23.00
	64QAM	1	0	21.83	21.81	21.64	23.00
		1	2	21.80	21.76	21.71	23.00
		1	5	22.03	21.77	21.80	23.00
		3	0	21.82	21.82	21.75	23.00
		3	2	21.80	21.80	21.74	23.00
		3	3	21.87	21.65	21.73	23.00
6	0	20.80	20.84	20.87	22.00		
<b>Bandwidth</b>	<b>Modulation</b>	<b>RB size</b>	<b>RB offset</b>	<b>Channel</b>	<b>Channel</b>	<b>Channel</b>	<b>Tune up</b>
				18615	18900	19185	
<b>3MHz</b>	QPSK	1	0	22.10	22.28	22.05	23.00
		1	7	22.11	22.11	22.17	23.00
		1	14	22.20	22.10	22.14	23.00
		8	0	22.16	22.29	22.15	23.00
		8	4	22.16	22.21	22.19	23.00
		8	7	22.09	22.22	22.09	23.00
	16QAM	15	0	22.14	22.06	22.10	23.00
		1	0	22.15	22.12	22.02	23.00
		1	7	22.04	22.21	22.14	23.00
		1	14	22.18	22.14	22.04	23.00
		8	0	22.07	22.17	22.13	23.00
		8	4	22.06	22.26	22.05	23.00
	64QAM	8	7	22.15	22.28	22.08	23.00
		15	0	21.71	21.84	21.80	23.00
		1	0	21.86	21.90	21.76	23.00
		1	7	21.81	21.85	21.82	23.00
		1	14	22.15	21.73	21.71	23.00
		8	0	21.70	21.83	21.84	23.00
	8	4	21.83	21.78	21.63	23.00	
	8	7	21.86	21.61	21.74	23.00	
	15	0	20.84	20.82	20.78	22.00	
<b>Bandwidth</b>	<b>Modulation</b>	<b>RB size</b>	<b>RB offset</b>	<b>Channel</b>	<b>Channel</b>	<b>Channel</b>	<b>Tune up</b>
				18625	18900	19175	
<b>5MHz</b>	QPSK	1	0	22.11	22.19	22.16	23.00
		1	13	22.12	22.14	22.11	23.00
		1	24	22.15	22.18	22.19	23.00
		12	0	22.21	22.25	22.17	23.00
		12	6	22.18	22.21	22.12	23.00



	16QAM	12	13	22.16	22.10	22.14	23.00
		25	0	22.17	22.17	22.13	23.00
		1	0	22.14	22.19	22.02	23.00
		1	13	22.04	22.25	22.19	23.00
		1	24	22.16	22.16	22.03	23.00
		12	0	22.12	22.23	22.16	23.00
		12	6	22.18	22.18	22.12	23.00
		12	13	22.18	22.26	22.01	23.00
	25	0	21.79	21.88	21.70	23.00	
	64QAM	1	0	21.83	21.89	21.67	23.00
		1	13	21.81	21.80	21.71	23.00
		1	24	22.01	21.81	21.71	23.00
		12	0	21.80	21.76	21.79	23.00
		12	6	21.90	21.80	21.62	23.00
12		13	21.93	21.69	21.73	23.00	
25	0	20.83	20.88	20.82	22.00		
<b>Bandwidth</b>	<b>Modulation</b>	<b>RB size</b>	<b>RB offset</b>	<b>Channel</b> 18650	<b>Channel</b> 18900	<b>Channel</b> 19150	<b>Tune up</b>
<b>10MHz</b>	QPSK	1	0	22.17	22.24	22.14	23.00
		1	25	22.09	22.16	22.14	23.00
		1	49	22.23	22.17	22.19	23.00
		25	0	22.09	22.23	22.17	23.00
		25	13	22.21	22.17	22.13	23.00
		25	25	22.15	22.17	22.14	23.00
		50	0	22.21	22.20	22.11	23.00
	16QAM	1	0	22.23	22.08	22.07	23.00
		1	25	22.09	22.24	22.06	23.00
		1	49	22.23	22.13	22.14	23.00
		25	0	22.07	22.21	22.20	23.00
		25	13	22.14	22.15	22.06	23.00
		25	25	22.21	22.28	22.02	23.00
	50	0	21.74	21.85	21.73	23.00	
	64QAM	1	0	21.79	21.83	21.68	23.00
		1	25	21.89	21.87	21.81	23.00
		1	49	22.13	21.77	21.82	23.00
		25	0	21.80	21.86	21.82	23.00
25		13	21.81	21.71	21.69	23.00	
25		25	21.85	21.61	21.64	23.00	
50	0	20.86	20.80	20.84	22.00		
<b>Bandwidth</b>	<b>Modulation</b>	<b>RB size</b>	<b>RB offset</b>	<b>Channel</b> 18675	<b>Channel</b> 18900	<b>Channel</b> 19125	<b>Tune up</b>
<b>15MHz</b>	QPSK	1	0	22.10	22.30	22.10	23.00
		1	38	22.08	22.24	22.12	23.00
		1	74	22.22	22.12	22.24	23.00
		36	0	22.09	22.19	22.08	23.00
		36	18	22.26	22.17	22.19	23.00
		36	39	22.16	22.13	22.09	23.00
		75	0	22.10	22.10	22.21	23.00
	16QAM	1	0	22.16	22.09	22.10	23.00
		1	38	22.04	22.18	22.11	23.00
		1	74	22.26	22.13	22.12	23.00

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				18700	18900	19100		
20MHz	64QAM	36	0	22.04	22.21	22.11	23.00	
		36	18	22.14	22.11	22.14	23.00	
		36	39	22.27	22.14	22.11	23.00	
		75	0	21.79	21.90	21.72	23.00	
		1	0	21.79	21.86	21.64	23.00	
		1	38	21.77	21.76	21.80	23.00	
		1	74	22.02	21.70	21.74	23.00	
		36	0	21.79	21.79	21.83	23.00	
		36	18	21.88	21.66	21.74	23.00	
		36	39	21.84	21.66	21.71	23.00	
	75	0	20.85	20.89	20.86	22.00		
	20MHz	QPSK	1	0	22.15	22.31	22.14	23.00
			1	50	22.19	22.23	22.10	23.00
			1	99	22.18	22.13	22.21	23.00
			50	0	22.09	22.18	22.21	23.00
			50	25	22.24	22.27	22.07	23.00
			50	50	22.11	22.11	22.15	23.00
			100	0	22.10	22.17	22.21	23.00
		16QAM	1	0	22.15	22.18	22.00	23.00
			1	50	22.08	22.28	22.17	23.00
			1	99	22.21	22.19	22.09	23.00
			50	0	22.09	22.25	22.12	23.00
			50	25	22.15	22.20	22.13	23.00
			50	50	22.19	22.18	22.01	23.00
			100	0	21.72	21.84	21.69	23.00
		64QAM	1	0	21.84	21.91	21.66	23.00
			1	50	21.88	21.87	21.73	23.00
			1	99	22.10	21.83	21.76	23.00
50			0	21.84	21.79	21.79	23.00	
50			25	21.82	21.66	21.71	23.00	
50			50	21.96	21.65	21.67	23.00	
100			0	20.81	20.80	20.90	22.00	

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	17.55	17.64	17.58	18.50
		1	2	17.43	17.47	17.28	18.50
		1	5	17.49	17.47	17.31	18.50
		3	0	17.36	17.70	17.36	18.50
		3	2	17.34	17.42	17.40	18.50
		3	3	17.53	17.49	17.38	18.50
		6	0	17.56	17.70	17.30	18.50
	16QAM	1	0	17.35	17.62	17.51	18.50

		1	2	17.60	17.52	17.49	18.50
		1	5	17.50	17.41	17.41	18.50
		3	0	17.48	17.56	17.33	18.50
		3	2	17.42	17.53	17.55	18.50
		3	3	17.42	17.63	17.41	18.50
		6	0	17.42	17.49	17.37	18.50
	64QAM	1	0	17.43	17.54	17.36	18.50
		1	2	17.50	17.56	17.50	18.50
		1	5	17.44	17.48	17.39	18.50
		3	0	17.67	17.52	17.47	18.50
		3	2	17.50	17.68	17.41	18.50
		3	3	17.37	17.60	17.35	18.50
6	0	17.41	17.52	17.37	18.50		
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18615	18900	19185	
3MHz	QPSK	1	0	17.61	17.76	17.50	18.50
		1	7	17.39	17.50	17.40	18.50
		1	14	17.48	17.44	17.29	18.50
		8	0	17.42	17.72	17.45	18.50
		8	4	17.41	17.40	17.44	18.50
		8	7	17.50	17.43	17.34	18.50
	16QAM	15	0	17.48	17.68	17.31	18.50
		1	0	17.39	17.54	17.56	18.50
		1	7	17.59	17.52	17.47	18.50
		1	14	17.47	17.47	17.35	18.50
		8	0	17.48	17.65	17.33	18.50
		8	4	17.43	17.49	17.44	18.50
	64QAM	8	7	17.33	17.61	17.37	18.50
		15	0	17.32	17.55	17.31	18.50
		1	0	17.38	17.49	17.39	18.50
		1	7	17.58	17.64	17.48	18.50
		1	14	17.43	17.44	17.28	18.50
		8	0	17.65	17.49	17.41	18.50
		8	4	17.52	17.75	17.35	18.50
		8	7	17.48	17.59	17.43	18.50
		15	0	17.43	17.53	17.31	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18625	18900	19175	
5MHz	QPSK	1	0	17.57	17.69	17.57	18.50
		1	13	17.42	17.54	17.30	18.50
		1	24	17.53	17.37	17.29	18.50
		12	0	17.44	17.65	17.44	18.50
		12	6	17.47	17.53	17.47	18.50
		12	13	17.49	17.43	17.33	18.50
	16QAM	25	0	17.43	17.59	17.33	18.50
		1	0	17.46	17.64	17.43	18.50
		1	13	17.59	17.46	17.52	18.50
		1	24	17.59	17.47	17.44	18.50
		12	0	17.48	17.66	17.39	18.50

		12	6	17.36	17.42	17.55	18.50
		12	13	17.33	17.64	17.28	18.50
		25	0	17.37	17.57	17.39	18.50
	64QAM	1	0	17.42	17.52	17.47	18.50
		1	13	17.55	17.54	17.45	18.50
		1	24	17.49	17.55	17.34	18.50
		12	0	17.67	17.46	17.48	18.50
		12	6	17.55	17.64	17.33	18.50
		12	13	17.45	17.61	17.47	18.50
25	0	17.45	17.46	17.37	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>
				18650	18900	19150	
<b>10MHz</b>	QPSK	1	0	17.51	17.62	17.48	18.50
		1	25	17.40	17.42	17.36	18.50
		1	49	17.53	17.48	17.40	18.50
		25	0	17.47	17.73	17.41	18.50
		25	13	17.43	17.42	17.42	18.50
		25	25	17.41	17.48	17.34	18.50
		50	0	17.49	17.67	17.31	18.50
	16QAM	1	0	17.44	17.57	17.46	18.50
		1	25	17.52	17.52	17.51	18.50
		1	49	17.53	17.41	17.41	18.50
		25	0	17.38	17.65	17.37	18.50
		25	13	17.43	17.48	17.49	18.50
		25	25	17.32	17.57	17.33	18.50
		50	0	17.37	17.48	17.34	18.50
	64QAM	1	0	17.45	17.52	17.46	18.50
		1	25	17.52	17.65	17.45	18.50
		1	49	17.48	17.50	17.32	18.50
		25	0	17.64	17.49	17.52	18.50
		25	13	17.56	17.73	17.35	18.50
		25	25	17.38	17.56	17.39	18.50
		50	0	17.45	17.50	17.46	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>
				18675	18900	19125	
<b>15MHz</b>	QPSK	1	0	17.56	17.75	17.59	18.50
		1	38	17.35	17.54	17.36	18.50
		1	74	17.47	17.45	17.40	18.50
		36	0	17.49	17.74	17.37	18.50
		36	18	17.37	17.40	17.41	18.50
		36	39	17.53	17.55	17.35	18.50
		75	0	17.48	17.59	17.29	18.50
	16QAM	1	0	17.32	17.52	17.54	18.50
		1	38	17.63	17.56	17.53	18.50
		1	74	17.47	17.50	17.34	18.50
		36	0	17.48	17.63	17.26	18.50
		36	18	17.46	17.55	17.44	18.50
		36	39	17.37	17.58	17.39	18.50
		75	0	17.39	17.45	17.37	18.50
	64QAM	1	0	17.43	17.48	17.35	18.50
1		38	17.46	17.53	17.43	18.50	

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				18700	18900	19100		
20MHz		1	74	17.42	17.48	17.26	18.50	
		36	0	17.62	17.50	17.50	18.50	
		36	18	17.45	17.69	17.40	18.50	
		36	39	17.47	17.55	17.36	18.50	
		75	0	17.42	17.44	17.45	18.50	
	QPSK	1	0	17.61	17.79	17.46	18.50	
		1	50	17.33	17.49	17.28	18.50	
		1	99	17.45	17.42	17.35	18.50	
		50	0	17.39	17.70	17.42	18.50	
		50	25	17.34	17.48	17.37	18.50	
		50	50	17.51	17.43	17.40	18.50	
		100	0	17.43	17.60	17.31	18.50	
		16QAM	1	0	17.38	17.65	17.53	18.50
			1	50	17.64	17.45	17.44	18.50
			1	99	17.59	17.53	17.41	18.50
			50	0	17.46	17.61	17.30	18.50
			50	25	17.38	17.54	17.45	18.50
			50	50	17.32	17.58	17.28	18.50
			100	0	17.33	17.45	17.44	18.50
		64QAM	1	0	17.40	17.44	17.34	18.50
			1	50	17.57	17.62	17.45	18.50
			1	99	17.53	17.47	17.32	18.50
			50	0	17.55	17.40	17.41	18.50
			50	25	17.43	17.73	17.42	18.50
			50	50	17.46	17.62	17.42	18.50
100	0		17.38	17.49	17.43	18.50		

LTE Band 4				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19957	20175	20393	
1.4MHz	QPSK	1	0	23.75	23.74	23.83	25.50
		1	2	23.87	23.75	23.82	25.50
		1	5	23.75	23.76	23.67	25.50
		3	0	23.82	23.89	23.74	25.50
		3	2	23.73	23.67	23.82	25.50
		3	3	23.75	23.74	23.73	25.50
		6	0	23.23	22.77	22.83	24.50
	16QAM	1	0	22.97	23.46	23.00	24.50
		1	2	23.38	22.90	23.14	24.50
		1	5	23.29	23.31	22.91	24.50
		3	0	23.30	22.94	22.81	24.50
		3	2	23.19	22.84	22.95	24.50
		3	3	23.13	22.80	22.84	24.50
		6	0	22.33	21.85	21.80	23.50

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19965	20175	20385	
	64QAM	1	0	21.94	22.02	22.30	23.50
		1	2	22.30	21.89	21.82	23.50
		1	5	21.85	21.75	22.00	23.50
		3	0	22.01	22.14	21.99	23.50
		3	2	22.30	21.82	21.82	23.50
		3	3	21.89	21.90	22.05	23.50
		6	0	21.05	21.13	20.80	22.50
3MHz	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19965	20175	20385	
3MHz	QPSK	1	0	23.82	23.81	23.79	25.50
		1	7	23.74	23.66	23.67	25.50
		1	14	23.76	23.71	23.62	25.50
		8	0	22.70	22.87	22.70	24.50
		8	4	22.71	22.83	22.76	24.50
		8	7	22.65	22.85	22.71	24.50
		15	0	22.62	22.82	22.74	24.50
	16QAM	1	0	22.84	23.17	23.06	24.50
		1	7	22.86	23.25	22.85	24.50
		1	14	23.00	23.03	23.16	24.50
		8	0	21.74	21.89	21.72	23.50
		8	4	21.70	21.73	21.71	23.50
		8	7	21.74	21.88	21.71	23.50
	64QAM	15	0	21.79	21.77	21.72	23.50
		1	0	22.10	22.01	22.24	23.50
		1	7	22.22	22.17	22.57	23.50
		1	14	22.22	22.02	22.17	23.50
		8	0	21.18	21.18	20.95	22.50
		8	4	20.99	21.10	21.02	22.50
		8	7	21.05	21.04	21.09	22.50
	5MHz	Modulation	RB size	RB offset	Channel	Channel	Channel
19975					20175	20375	
5MHz	QPSK	1	0	23.82	23.81	23.74	25.50
		1	13	23.73	23.68	23.65	25.50
		1	24	23.74	23.68	23.60	25.50
		12	0	22.68	22.87	22.71	24.50
		12	6	22.68	22.90	22.71	24.50
		12	13	22.66	22.86	22.66	24.50
		25	0	22.64	22.86	22.75	24.50
	16QAM	1	0	22.85	23.18	23.07	24.50
		1	13	22.86	23.20	22.85	24.50
		1	24	22.94	23.03	23.15	24.50
		12	0	21.75	21.84	21.81	23.50
		12	6	21.68	21.79	21.74	23.50
		12	13	21.76	21.83	21.71	23.50
	64QAM	25	0	21.78	21.82	21.67	23.50
		1	0	22.12	22.03	22.27	23.50
		1	13	22.21	22.20	22.52	23.50
		1	24	22.27	21.98	22.22	23.50

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				20000	20175	20350		
10MHz	QPSK	12	0	21.12	21.15	21.01	22.50	
		12	6	20.99	21.14	21.12	22.50	
		12	13	21.11	21.05	21.05	22.50	
		25	0	21.11	21.06	21.03	22.50	
		1	0	23.74	23.78	23.78	25.50	
		1	25	23.70	23.75	23.67	25.50	
		1	49	23.72	23.72	23.64	25.50	
	16QAM	25	0	22.69	22.84	22.69	24.50	
		25	13	22.71	22.82	22.77	24.50	
		25	25	22.65	22.87	22.72	24.50	
		50	0	22.60	22.82	22.70	24.50	
		1	0	22.76	23.13	23.03	24.50	
		1	25	22.88	23.24	22.85	24.50	
		1	49	22.99	23.09	23.21	24.50	
	64QAM	25	0	21.74	21.92	21.76	23.50	
		25	13	21.63	21.74	21.73	23.50	
		25	25	21.70	21.86	21.63	23.50	
		50	0	21.77	21.76	21.69	23.50	
		1	0	22.13	22.05	22.22	23.50	
		1	25	22.25	22.17	22.54	23.50	
		1	49	22.20	22.03	22.15	23.50	
	15MHz	QPSK	25	0	21.19	21.12	20.94	22.50
			25	13	21.00	21.14	21.10	22.50
			25	25	21.12	21.02	21.06	22.50
50			0	21.04	21.07	21.06	22.50	
1			0	23.76	23.77	23.74	25.50	
1			38	23.73	23.70	23.66	25.50	
1			74	23.74	23.66	23.68	25.50	
16QAM		36	0	22.72	22.88	22.71	24.50	
		36	18	22.73	22.88	22.79	24.50	
		36	39	22.70	22.84	22.74	24.50	
		75	0	22.61	22.81	22.67	24.50	
		1	0	22.79	23.15	23.05	24.50	
		1	38	22.88	23.22	22.89	24.50	
		1	74	23.03	23.09	23.21	24.50	
64QAM		36	0	21.72	21.88	21.76	23.50	
		36	18	21.72	21.81	21.71	23.50	
		36	39	21.78	21.92	21.63	23.50	
		75	0	21.80	21.74	21.65	23.50	
		1	0	22.18	22.06	22.18	23.50	
		1	38	22.24	22.21	22.55	23.50	
		1	74	22.17	22.03	22.20	23.50	
QPSK		36	0	21.13	21.11	20.94	22.50	
		36	18	21.07	21.15	21.13	22.50	
		36	39	21.10	21.07	21.09	22.50	
	75	0	21.12	20.99	21.06	22.50		
	1	0	23.76	23.77	23.74	25.50		
	1	38	23.73	23.70	23.66	25.50		
	1	74	23.74	23.66	23.68	25.50		
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				20025	20175	20325		

				20050	20175	20300		
20MHz	QPSK	1	0	23.77	24.12	23.77	25.50	
		1	50	23.72	23.67	23.71	25.50	
		1	99	23.76	23.69	23.70	25.50	
		50	0	22.85	22.90	22.82	24.50	
		50	25	22.73	22.80	22.79	24.50	
		50	50	22.74	22.82	22.72	24.50	
	16QAM	100	0	22.66	22.83	22.69	24.50	
		1	0	22.78	23.12	23.09	24.50	
		1	50	22.91	23.29	22.91	24.50	
		1	99	23.03	23.04	23.22	24.50	
		50	0	21.76	21.93	21.77	23.50	
		50	25	21.70	21.80	21.66	23.50	
	64QAM	50	50	21.72	21.84	21.64	23.50	
		100	0	21.71	21.81	21.70	23.50	
		1	0	22.12	22.07	22.22	23.50	
		1	50	22.20	22.14	22.63	23.50	
		1	99	22.26	21.95	22.23	23.50	
		50	0	21.17	21.12	20.96	22.50	
			50	25	20.98	21.17	21.06	22.50
			50	50	21.06	21.03	21.13	22.50
			100	0	21.04	21.00	21.06	22.50

LTE Band 4 DS11				Conducted Power(dBm)				
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				19957	20175	20393		
1.4MHz	QPSK	1	0	14.52	14.72	14.47	15.50	
		1	2	14.41	14.45	14.33	15.50	
		1	5	14.42	14.43	14.41	15.50	
		3	0	14.51	14.66	14.32	15.50	
		3	2	14.46	14.47	14.39	15.50	
		3	3	14.49	14.55	14.37	15.50	
	16QAM	6	0	14.44	14.65	14.47	15.50	
		1	0	14.39	14.52	14.60	15.50	
		1	2	14.51	14.49	14.44	15.50	
		1	5	14.49	14.45	14.40	15.50	
		3	0	14.48	14.60	14.29	15.50	
		3	2	14.47	14.45	14.47	15.50	
	64QAM	3	3	14.52	14.51	14.39	15.50	
		6	0	14.38	14.48	14.37	15.50	
		1	0	14.53	14.44	14.42	15.50	
		1	2	14.49	14.53	14.39	15.50	
		1	5	14.37	14.52	14.42	15.50	
		3	0	14.60	14.46	14.44	15.50	
			3	2	14.48	14.62	14.44	15.50
			3	3	14.43	14.55	14.33	15.50
			6	0	14.50	14.43	14.43	15.50



				19965	20175	20385	
<b>3MHz</b>	QPSK	1	0	14.55	14.81	14.42	15.50
		1	7	14.42	14.55	14.31	15.50
		1	14	14.48	14.42	14.41	15.50
		8	0	14.54	14.58	14.29	15.50
		8	4	14.51	14.54	14.44	15.50
		8	7	14.48	14.48	14.30	15.50
	15	0	14.35	14.56	14.43	15.50	
	16QAM	1	0	14.41	14.48	14.47	15.50
		1	7	14.53	14.52	14.37	15.50
		1	14	14.58	14.46	14.43	15.50
		8	0	14.50	14.57	14.34	15.50
		8	4	14.39	14.46	14.56	15.50
		8	7	14.46	14.53	14.47	15.50
	15	0	14.36	14.54	14.42	15.50	
	64QAM	1	0	14.45	14.47	14.52	15.50
		1	7	14.58	14.57	14.49	15.50
		1	14	14.34	14.55	14.42	15.50
		8	0	14.52	14.51	14.41	15.50
8		4	14.44	14.66	14.43	15.50	
8		7	14.36	14.55	14.35	15.50	
15	0	14.43	14.48	14.48	15.50		
<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	14.62	14.71	14.41	15.50
		1	13	14.42	14.47	14.38	15.50
		1	24	14.51	14.41	14.40	15.50
		12	0	14.46	14.59	14.33	15.50
		12	6	14.46	14.57	14.51	15.50
		12	13	14.50	14.49	14.29	15.50
	25	0	14.35	14.57	14.48	15.50	
	16QAM	1	0	14.43	14.60	14.47	15.50
		1	13	14.50	14.56	14.43	15.50
		1	24	14.54	14.54	14.36	15.50
		12	0	14.41	14.63	14.38	15.50
		12	6	14.41	14.44	14.53	15.50
		12	13	14.42	14.49	14.43	15.50
	25	0	14.37	14.48	14.35	15.50	
	64QAM	1	0	14.51	14.53	14.44	15.50
		1	13	14.57	14.51	14.39	15.50
		1	24	14.37	14.57	14.42	15.50
		12	0	14.59	14.39	14.38	15.50
12		6	14.44	14.64	14.44	15.50	
12		13	14.38	14.58	14.37	15.50	
25	0	14.47	14.44	14.42	15.50		
<b>Bandwidth</b>	<b>Modulation</b>	<b>RB size</b>	<b>RB offset</b>	<b>Channel</b>	<b>Channel</b>	<b>Channel</b>	<b>Tune up</b>
				20000	20175	20350	
<b>10MHz</b>	QPSK	1	0	14.53	14.80	14.41	15.50
		1	25	14.52	14.51	14.33	15.50
		1	49	14.40	14.47	14.36	15.50

	16QAM	25	0	14.52	14.59	14.38	15.50
		25	13	14.58	14.50	14.37	15.50
		25	25	14.42	14.54	14.36	15.50
		50	0	14.45	14.51	14.44	15.50
		1	0	14.38	14.60	14.57	15.50
		1	25	14.61	14.50	14.39	15.50
		1	49	14.56	14.56	14.45	15.50
		25	0	14.37	14.56	14.36	15.50
		25	13	14.52	14.53	14.52	15.50
	64QAM	25	25	14.41	14.55	14.47	15.50
		50	0	14.39	14.52	14.36	15.50
		1	0	14.52	14.53	14.47	15.50
		1	25	14.58	14.65	14.49	15.50
		1	49	14.40	14.54	14.35	15.50
		25	0	14.56	14.38	14.35	15.50
		25	13	14.52	14.68	14.43	15.50
		25	25	14.40	14.55	14.36	15.50
		50	0	14.45	14.42	14.40	15.50
<b>Bandwidth</b>	<b>Modulation</b>	<b>RB size</b>	<b>RB offset</b>	<b>Channel</b>	<b>Channel</b>	<b>Channel</b>	<b>Tune up</b>
				20025	20175	20325	
<b>15MHz</b>	QPSK	1	0	14.54	14.74	14.47	15.50
		1	38	14.52	14.58	14.31	15.50
		1	74	14.52	14.39	14.34	15.50
		36	0	14.43	14.56	14.34	15.50
		36	18	14.56	14.56	14.42	15.50
		36	39	14.50	14.47	14.39	15.50
		75	0	14.36	14.58	14.41	15.50
	16QAM	1	0	14.33	14.56	14.51	15.50
		1	38	14.53	14.45	14.42	15.50
		1	74	14.47	14.52	14.43	15.50
		36	0	14.43	14.68	14.34	15.50
		36	18	14.39	14.53	14.50	15.50
		36	39	14.46	14.61	14.42	15.50
		75	0	14.41	14.54	14.36	15.50
	64QAM	1	0	14.45	14.42	14.54	15.50
		1	38	14.60	14.63	14.50	15.50
		1	74	14.39	14.45	14.37	15.50
		36	0	14.62	14.47	14.37	15.50
		36	18	14.50	14.65	14.41	15.50
		36	39	14.35	14.61	14.39	15.50
		75	0	14.45	14.53	14.40	15.50
<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>
				20050	20175	20300	
<b>20MHz</b>	QPSK	1	0	14.63	14.82	14.45	15.50
		1	50	14.42	14.49	14.44	15.50
		1	99	14.46	14.46	14.39	15.50
		50	0	14.41	14.54	14.40	15.50
		50	25	14.45	14.57	14.38	15.50
		50	50	14.46	14.52	14.38	15.50
		100	0	14.32	14.62	14.50	15.50
	16QAM	1	0	14.34	14.53	14.54	15.50

		1	50	14.60	14.55	14.45	15.50
		1	99	14.51	14.54	14.36	15.50
		50	0	14.43	14.64	14.30	15.50
		50	25	14.52	14.53	14.57	15.50
		50	50	14.45	14.61	14.46	15.50
		100	0	14.36	14.49	14.48	15.50
	64QAM	1	0	14.54	14.55	14.44	15.50
		1	50	14.58	14.53	14.40	15.50
		1	99	14.35	14.49	14.31	15.50
		50	0	14.58	14.40	14.48	15.50
		50	25	14.40	14.56	14.39	15.50
		50	50	14.42	14.51	14.32	15.50
		100	0	14.53	14.41	14.48	15.50

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	17.97	18.17	17.92	19.00	
		1	2	17.77	17.90	17.71	19.00	
		1	5	17.92	17.92	17.78	19.00	
		3	0	17.80	17.99	17.79	19.00	
		3	2	17.81	17.87	17.79	19.00	
		3	3	17.82	17.95	17.69	19.00	
	16QAM	1	0	17.84	18.02	17.82	19.00	
		1	2	17.96	17.87	17.82	19.00	
		1	5	17.94	17.93	17.90	19.00	
		3	0	17.84	17.94	17.82	19.00	
		3	2	17.93	17.88	17.99	19.00	
		3	3	17.67	17.94	17.75	19.00	
	64QAM	6	0	17.76	17.89	17.72	19.00	
		1	0	17.86	17.95	17.81	19.00	
		1	2	17.98	17.93	17.94	19.00	
		1	5	17.87	17.91	17.75	19.00	
		3	0	17.95	17.92	17.91	19.00	
		3	2	17.89	18.01	17.94	19.00	
	3MHz	QPSK	3	3	17.73	17.95	17.78	19.00
			6	0	17.90	18.00	17.90	19.00
	1		0	17.92	18.10	17.91	19.00	
1	7		17.80	18.02	17.69	19.00		
1	14		17.87	17.85	17.81	19.00		
8	0		17.84	17.99	17.74	19.00		
8	4		17.86	17.83	17.78	19.00		
8	7		17.82	17.83	17.75	19.00		
		15	0	17.81	17.99	17.76	19.00	

	16QAM	1	0	17.84	18.07	17.78	19.00
		1	7	17.96	17.81	17.86	19.00
		1	14	17.91	17.84	17.86	19.00
		8	0	17.77	17.97	17.71	19.00
		8	4	17.82	17.83	17.89	19.00
		8	7	17.70	17.84	17.85	19.00
		15	0	17.85	17.96	17.75	19.00
	64QAM	1	0	17.92	17.98	17.88	19.00
		1	7	17.85	17.90	17.82	19.00
		1	14	17.85	17.91	17.82	19.00
		8	0	17.96	17.87	17.83	19.00
		8	4	17.82	17.99	17.91	19.00
		8	7	17.74	17.95	17.73	19.00
		15	0	17.91	17.98	17.80	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19975	20175	20375	
5MHz	QPSK	1	0	17.93	18.20	17.86	19.00
		1	13	17.81	17.92	17.72	19.00
		1	24	17.87	17.80	17.75	19.00
		12	0	17.88	17.93	17.80	19.00
		12	6	17.79	17.81	17.86	19.00
		12	13	17.78	17.82	17.65	19.00
		25	0	17.79	18.08	17.75	19.00
	16QAM	1	0	17.78	18.00	17.82	19.00
		1	13	17.93	17.84	17.87	19.00
		1	24	17.95	17.87	17.80	19.00
		12	0	17.79	18.06	17.69	19.00
		12	6	17.91	17.83	17.90	19.00
		12	13	17.78	17.97	17.84	19.00
		25	0	17.89	17.88	17.80	19.00
	64QAM	1	0	17.82	17.94	17.84	19.00
		1	13	17.97	17.91	17.83	19.00
		1	24	17.91	17.87	17.80	19.00
		12	0	18.03	17.95	17.82	19.00
		12	6	17.80	18.07	17.94	19.00
		12	13	17.68	18.05	17.67	19.00
		25	0	17.90	17.91	17.82	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20000	20175	20350	
10MHz	QPSK	1	0	17.88	18.13	17.94	19.00
		1	25	17.73	17.96	17.66	19.00
		1	49	17.87	17.80	17.73	19.00
		25	0	17.89	18.05	17.78	19.00
		25	13	17.85	17.89	17.80	19.00
		25	25	17.80	17.90	17.77	19.00
		50	0	17.81	18.06	17.73	19.00
	16QAM	1	0	17.78	18.01	17.90	19.00
		1	25	17.91	17.83	17.91	19.00
		1	49	17.89	17.85	17.89	19.00
		25	0	17.78	17.98	17.73	19.00

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				20025	20175	20325		
15MHz	64QAM	25	13	17.95	17.80	17.90	19.00	
		25	25	17.73	17.97	17.82	19.00	
		50	0	17.75	17.93	17.82	19.00	
		1	0	17.84	17.93	17.89	19.00	
		1	25	17.88	17.99	17.94	19.00	
		1	49	17.85	17.86	17.82	19.00	
		25	0	18.00	17.88	17.92	19.00	
		25	13	17.81	18.00	17.89	19.00	
		25	25	17.74	17.98	17.78	19.00	
	50	0	17.91	17.86	17.91	19.00		
	15MHz	QPSK	1	0	17.92	18.13	17.90	19.00
			1	38	17.75	17.94	17.66	19.00
			1	74	17.89	17.91	17.79	19.00
			36	0	17.88	17.92	17.84	19.00
			36	18	17.85	17.89	17.74	19.00
36			39	17.84	17.93	17.75	19.00	
75			0	17.78	17.97	17.69	19.00	
16QAM		1	0	17.85	18.04	17.80	19.00	
		1	38	17.99	17.92	17.78	19.00	
		1	74	18.01	17.81	17.86	19.00	
		36	0	17.77	18.05	17.74	19.00	
		36	18	17.87	17.89	17.99	19.00	
		36	39	17.69	17.94	17.77	19.00	
		75	0	17.82	17.85	17.79	19.00	
64QAM		1	0	17.81	17.95	17.77	19.00	
		1	38	17.85	18.01	17.91	19.00	
		1	74	17.87	17.91	17.77	19.00	
		36	0	18.03	17.86	17.94	19.00	
	36	18	17.79	18.05	17.81	19.00		
	36	39	17.75	18.04	17.80	19.00		
	75	0	17.95	17.90	17.86	19.00		
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				20050	20175	20300		
20MHz	QPSK	1	0	17.93	18.24	17.86	19.00	
		1	50	17.82	17.89	17.75	19.00	
		1	99	17.84	17.82	17.71	19.00	
		50	0	17.91	17.95	17.70	19.00	
		50	25	17.87	17.88	17.85	19.00	
		50	50	17.72	17.84	17.72	19.00	
		100	0	17.83	18.09	17.83	19.00	
	16QAM	1	0	17.80	18.08	17.77	19.00	
		1	50	17.90	17.86	17.90	19.00	
		1	99	17.92	17.87	17.84	19.00	
		50	0	17.75	18.04	17.80	19.00	
		50	25	17.86	17.89	17.97	19.00	
		50	50	17.78	17.95	17.87	19.00	
		100	0	17.88	17.94	17.74	19.00	
	64QAM	1	0	17.83	17.97	17.89	19.00	
		1	50	17.88	17.98	17.92	19.00	

		1	99	17.83	17.99	17.78	19.00
		50	0	17.95	17.90	17.87	19.00
		50	25	17.87	18.05	17.85	19.00
		50	50	17.69	18.02	17.68	19.00
		100	0	17.86	17.96	17.85	19.00

LTE Band 5				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20407	20525	20643	
1.4MHz	QPSK	1	0	24.37	24.47	24.32	25.50
		1	2	24.34	24.45	24.43	25.50
		1	5	24.35	23.96	23.71	25.50
		3	0	24.38	24.32	24.29	25.50
		3	2	24.46	24.40	24.10	25.50
		3	3	24.34	24.22	23.64	25.50
		6	0	23.43	23.30	23.26	24.50
	16QAM	1	0	23.47	23.52	23.60	24.50
		1	2	23.85	23.50	23.56	24.50
		1	5	23.50	23.42	22.83	24.50
		3	0	23.43	23.35	23.26	24.50
		3	2	23.38	23.29	23.02	24.50
		3	3	23.26	23.26	23.22	24.50
		6	0	22.37	22.27	22.33	23.50
	64QAM	1	0	22.72	22.61	22.64	23.50
		1	2	22.71	22.66	22.20	23.50
		1	5	22.99	22.63	21.85	23.50
		3	0	22.34	22.37	22.34	23.50
		3	2	22.72	22.52	22.70	23.50
		3	3	22.67	22.68	22.13	23.50
		6	0	21.30	21.37	21.31	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20415	20525	20635	
3MHz	QPSK	1	0	24.38	24.47	24.36	25.50
		1	7	24.32	24.34	24.36	25.50
		1	14	24.33	24.31	24.32	25.50
		8	0	23.30	23.47	23.38	24.50
		8	4	23.41	23.46	23.41	24.50
		8	7	23.37	23.48	23.32	24.50
		15	0	23.29	23.50	23.34	24.50
	16QAM	1	0	23.43	23.78	23.67	24.50
		1	7	23.52	23.85	23.50	24.50
		1	14	23.60	23.74	23.81	24.50
		8	0	22.33	22.55	22.44	23.50
		8	4	22.28	22.48	22.33	23.50
		8	7	22.34	22.53	22.31	23.50
		15	0	22.35	22.45	22.34	23.50

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				20425	20525	20625		
	64QAM	1	0	22.84	22.70	22.83	23.50	
		1	7	22.85	22.80	23.24	23.50	
		1	14	22.89	22.69	22.80	23.50	
		8	0	21.74	21.83	21.57	22.50	
		8	4	21.66	21.81	21.69	22.50	
		8	7	21.67	21.68	21.72	22.50	
		15	0	21.73	21.73	21.68	22.50	
5MHz	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				20450	20525	20600		
5MHz	QPSK	1	0	24.40	24.38	24.41	25.50	
		1	13	24.29	24.40	24.30	25.50	
		1	24	24.43	24.40	24.31	25.50	
		12	0	23.32	23.54	23.41	24.50	
		12	6	23.40	23.51	23.34	24.50	
		12	13	23.35	23.49	23.29	24.50	
		25	0	23.28	23.45	23.33	24.50	
	16QAM	1	0	23.45	23.76	23.67	24.50	
		1	13	23.50	23.93	23.54	24.50	
		1	24	23.60	23.70	23.77	24.50	
		12	0	22.35	22.56	22.46	23.50	
		12	6	22.38	22.40	22.36	23.50	
		12	13	22.44	22.52	22.29	23.50	
		25	0	22.45	22.45	22.31	23.50	
	64QAM	1	0	22.79	22.72	22.82	23.50	
		1	13	22.83	22.76	23.22	23.50	
		1	24	22.86	22.62	22.87	23.50	
		12	0	21.79	21.82	21.61	22.50	
		12	6	21.70	21.73	21.77	22.50	
		12	13	21.68	21.62	21.75	22.50	
		25	0	21.72	21.65	21.69	22.50	
		25	0	21.72	21.65	21.69	22.50	
	10MHz	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					20450	20525	20600	
	10MHz	QPSK	1	0	24.47	24.50	24.36	25.50
			1	25	24.32	24.38	24.30	25.50
			1	49	24.44	24.36	24.30	25.50
			25	0	23.36	23.58	23.43	24.50
25			13	23.33	23.55	23.34	24.50	
25			25	23.31	23.49	23.37	24.50	
50			0	23.24	23.47	23.37	24.50	
16QAM		1	0	23.43	23.80	23.69	24.50	
		1	25	23.55	23.89	23.54	24.50	
		1	49	23.62	23.76	23.86	24.50	
		25	0	22.40	22.52	22.35	23.50	
		25	13	22.29	22.45	22.35	23.50	
		25	25	22.38	22.57	22.32	23.50	
		50	0	22.44	22.42	22.37	23.50	
64QAM		1	0	22.82	22.74	22.92	23.50	
		1	25	22.89	22.82	23.17	23.50	
		1	49	22.85	22.68	22.80	23.50	
		25	0	21.82	21.82	21.67	22.50	

		25	13	21.62	21.79	21.70	22.50
		25	25	21.73	21.71	21.71	22.50
		50	0	21.79	21.72	21.65	22.50

LTE Band 5 DSI1&4				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20407	20525	20643	
1.4MHz	QPSK	1	0	23.79	23.85	23.67	24.50
		1	2	23.62	23.59	23.56	24.50
		1	5	23.54	23.68	23.57	24.50
		3	0	23.65	23.55	23.73	24.50
		3	2	23.71	23.60	23.86	24.50
		3	3	23.67	23.61	23.80	24.50
	16QAM	6	0	23.67	23.52	23.71	24.50
		1	0	23.65	23.80	23.78	24.50
		1	2	23.74	23.67	23.70	24.50
		1	5	23.90	23.61	23.65	24.50
		3	0	22.92	22.67	22.73	24.50
		3	2	22.77	22.76	22.66	24.50
	64QAM	3	3	22.95	22.80	22.81	24.50
		6	0	22.93	22.88	22.75	23.50
		1	0	22.65	22.80	22.61	23.50
		1	2	22.93	22.55	22.95	23.50
		1	5	23.02	22.76	22.87	23.50
		3	0	21.77	21.54	21.69	23.50
		3	2	21.64	21.78	21.84	23.50
		3	3	21.66	21.59	21.64	23.50
		6	0	21.65	21.55	21.44	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
3MHz	QPSK			20415	20525	20635	
		1	0	23.74	23.93	23.72	24.50
		1	7	23.54	23.55	23.48	24.50
		1	14	23.53	23.58	23.60	24.50
		8	0	23.59	23.58	23.72	24.50
		8	4	23.74	23.58	23.73	24.50
		8	7	23.65	23.67	23.73	24.50
	16QAM	15	0	23.55	23.59	23.79	24.50
		1	0	23.54	23.77	23.72	24.50
		1	7	23.77	23.76	23.63	24.50
		1	14	23.82	23.74	23.73	24.50
		8	0	22.85	22.78	22.78	24.50
		8	4	22.81	22.79	22.57	24.50
		8	7	23.00	22.90	22.85	24.50
	64QAM	15	0	22.90	22.77	22.76	23.50
1		0	22.68	22.75	22.65	23.50	
		1	7	22.98	22.48	22.94	23.50



Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				20425	20525	20625		
5MHz	QPSK	1	14	22.97	22.79	22.88	23.50	
		8	0	21.69	21.53	21.78	23.50	
		8	4	21.69	21.72	21.84	23.50	
		8	7	21.58	21.58	21.52	23.50	
		15	0	21.60	21.57	21.54	22.50	
		16QAM	1	0	23.77	23.79	23.75	24.50
			1	13	23.54	23.58	23.50	24.50
	1		24	23.57	23.70	23.63	24.50	
	12		0	23.57	23.55	23.78	24.50	
	12		6	23.63	23.69	23.72	24.50	
	12		13	23.60	23.65	23.72	24.50	
	25		0	23.61	23.52	23.78	24.50	
	64QAM	1	0	23.63	23.67	23.71	24.50	
		1	13	23.78	23.74	23.69	24.50	
		1	24	23.80	23.62	23.66	24.50	
		12	0	22.91	22.68	22.84	24.50	
		12	6	22.81	22.68	22.70	24.50	
		12	13	23.06	22.82	22.76	24.50	
		25	0	22.91	22.87	22.79	23.50	
	10MHz	QPSK	1	0	24.01	24.03	23.89	24.50
1			25	23.81	23.87	23.80	24.50	
1			49	23.75	23.80	23.83	24.50	
25			0	23.78	23.85	23.89	24.50	
25			13	23.83	23.87	23.98	24.50	
25			25	23.90	23.73	24.00	24.50	
50			0	23.87	23.71	23.91	24.50	
16QAM		1	0	23.83	23.98	23.90	24.50	
		1	25	23.93	23.91	23.90	24.50	
		1	49	24.01	23.90	23.96	24.50	
		25	0	23.11	22.98	22.91	24.50	
		25	13	23.03	22.96	22.86	24.50	
		25	25	23.15	23.09	22.96	24.50	
		50	0	23.11	23.00	23.00	23.50	
64QAM		1	0	22.99	22.95	22.77	23.50	
		1	25	23.20	22.70	23.10	23.50	
		1	49	23.16	22.95	23.03	23.50	
		25	0	21.95	21.67	22.01	23.50	
		25	13	21.94	21.88	21.93	23.50	
		25	25	21.79	21.77	21.72	23.50	
	50	0	21.85	21.80	21.67	22.50		

LTE Band 7				Conducted Power(dBm)				
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				20775	21100	21425		
5MHz	QPSK	1	0	23.57	23.52	23.59	25.00	
		1	13	23.52	23.45	23.47	25.00	
		1	24	23.50	23.46	23.50	25.00	
		12	0	22.51	22.64	22.47	24.00	
		12	6	22.55	22.69	22.58	24.00	
		12	13	22.45	22.69	22.44	24.00	
	16QAM	25	0	22.39	22.62	22.50	24.00	
		1	0	22.58	22.92	22.86	24.00	
		1	13	22.68	23.03	22.66	24.00	
		1	24	22.78	22.91	22.98	24.00	
		12	0	21.54	21.73	21.54	23.00	
		12	6	21.49	21.53	21.54	23.00	
	64QAM	12	13	21.56	21.69	21.51	23.00	
		25	0	21.53	21.59	21.47	23.00	
		1	0	21.99	21.81	22.07	23.00	
		1	13	21.97	21.93	22.41	23.00	
		1	24	21.99	21.81	22.02	23.00	
		12	0	20.95	20.97	20.75	22.00	
	10MHz	QPSK	12	6	20.77	20.93	20.82	22.00
			12	13	20.83	20.82	20.92	22.00
			25	0	20.83	20.86	20.86	22.00
1			0	23.56	23.53	23.57	25.00	
1			25	23.53	23.46	23.54	25.00	
1			49	23.53	23.50	23.40	25.00	
16QAM		25	0	22.47	22.63	22.57	24.00	
		25	13	22.50	22.69	22.55	24.00	
		25	25	22.46	22.67	22.43	24.00	
		50	0	22.39	22.66	22.52	24.00	
		1	0	22.63	22.98	22.83	24.00	
		1	25	22.72	23.08	22.69	24.00	
64QAM	1	49	22.77	22.92	22.95	24.00		
	25	0	21.56	21.64	21.58	23.00		
	25	13	21.47	21.52	21.48	23.00		
	25	25	21.52	21.64	21.45	23.00		
	50	0	21.52	21.60	21.44	23.00		
	1	0	21.96	21.86	21.98	23.00		
64QAM	1	25	22.01	21.93	22.36	23.00		
	1	49	21.98	21.76	21.96	23.00		
	25	0	20.92	20.98	20.78	22.00		
	25	13	20.80	20.92	20.93	22.00		
	25	25	20.88	20.87	20.85	22.00		
	50	0	20.89	20.84	20.86	22.00		

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20825	21100	21375	
15MHz	QPSK	1	0	23.61	23.51	23.54	25.00
		1	38	23.48	23.51	23.46	25.00
		1	74	23.56	23.57	23.43	25.00
		36	0	22.46	22.68	22.49	24.00
		36	18	22.51	22.62	22.54	24.00
		36	39	22.52	22.60	22.47	24.00
		75	0	22.40	22.61	22.46	24.00
	16QAM	1	0	22.60	22.96	22.91	24.00
		1	38	22.71	23.03	22.64	24.00
		1	74	22.82	22.83	22.97	24.00
		36	0	21.50	21.67	21.54	23.00
		36	18	21.49	21.59	21.53	23.00
		36	39	21.52	21.70	21.52	23.00
		75	0	21.59	21.55	21.46	23.00
	64QAM	1	0	21.96	21.82	22.08	23.00
		1	38	22.06	22.02	22.36	23.00
		1	74	22.05	21.73	22.03	23.00
		36	0	20.89	20.91	20.75	22.00
		36	18	20.81	20.91	20.87	22.00
		36	39	20.90	20.77	20.90	22.00
		75	0	20.85	20.80	20.82	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
20MHz	QPSK	1	0	23.59	23.95	23.61	25.00
		1	50	23.54	23.46	23.45	25.00
		1	99	23.58	23.53	23.46	25.00
		50	0	22.59	22.72	22.68	24.00
		50	25	22.55	22.70	22.59	24.00
		50	50	22.51	22.68	22.53	24.00
		100	0	22.45	22.68	22.54	24.00
	16QAM	1	0	22.62	22.94	22.85	24.00
		1	50	22.63	23.01	22.73	24.00
		1	99	22.77	22.85	22.98	24.00
		50	0	21.55	21.72	21.54	23.00
		50	25	21.45	21.61	21.46	23.00
		50	50	21.51	21.68	21.53	23.00
		100	0	21.60	21.62	21.46	23.00
	64QAM	1	0	21.99	21.82	22.05	23.00
		1	50	22.06	21.97	22.32	23.00
		1	99	22.02	21.83	21.99	23.00
		50	0	20.99	20.95	20.80	22.00
		50	25	20.86	20.91	20.86	22.00
		50	50	20.88	20.87	20.83	22.00
		100	0	20.84	20.80	20.85	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
20MHz	QPSK	1	0	23.59	23.95	23.61	25.00
		1	50	23.54	23.46	23.45	25.00
		1	99	23.58	23.53	23.46	25.00
		50	0	22.59	22.72	22.68	24.00
		50	25	22.55	22.70	22.59	24.00
		50	50	22.51	22.68	22.53	24.00
		100	0	22.45	22.68	22.54	24.00
	16QAM	1	0	22.62	22.94	22.85	24.00
		1	50	22.63	23.01	22.73	24.00
		1	99	22.77	22.85	22.98	24.00
		50	0	21.55	21.72	21.54	23.00
		50	25	21.45	21.61	21.46	23.00
		50	50	21.51	21.68	21.53	23.00
		100	0	21.60	21.62	21.46	23.00
	64QAM	1	0	21.99	21.82	22.05	23.00
		1	50	22.06	21.97	22.32	23.00
		1	99	22.02	21.83	21.99	23.00
		50	0	20.99	20.95	20.80	22.00
		50	25	20.86	20.91	20.86	22.00
		50	50	20.88	20.87	20.83	22.00
		100	0	20.84	20.80	20.85	22.00

LTE Band 7 DSI1&4				Conducted Power(dBm)				
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				20775	21100	21425		
5MHz	QPSK	1	0	17.80	17.93	17.68	18.50	
		1	13	17.73	17.78	17.49	18.50	
		1	24	17.71	17.66	17.52	18.50	
		12	0	17.62	17.78	17.57	18.50	
		12	6	17.60	17.72	17.60	18.50	
		12	13	17.58	17.57	17.57	18.50	
	16QAM	25	0	17.58	17.76	17.55	18.50	
		1	0	17.71	17.81	17.73	18.50	
		1	13	17.78	17.62	17.63	18.50	
		1	24	17.70	17.74	17.66	18.50	
		12	0	17.48	17.82	17.60	18.50	
		12	6	17.62	17.66	17.67	18.50	
	64QAM	12	13	17.70	17.79	17.58	18.50	
		25	0	17.61	17.84	17.57	18.50	
		1	0	17.67	17.68	17.55	18.50	
		1	13	17.71	17.83	17.60	18.50	
		1	24	17.60	17.71	17.52	18.50	
		12	0	17.73	17.73	17.64	18.50	
	10MHz	QPSK	12	6	17.60	17.80	17.70	18.50
			12	13	17.53	17.82	17.63	18.50
			25	0	17.62	17.72	17.60	18.50
1			0	17.78	17.82	17.75	18.50	
1			25	17.69	17.73	17.49	18.50	
1			49	17.70	17.63	17.54	18.50	
16QAM		25	0	17.63	17.86	17.47	18.50	
		25	13	17.70	17.58	17.61	18.50	
		25	25	17.69	17.63	17.52	18.50	
		50	0	17.57	17.70	17.60	18.50	
		1	0	17.62	17.83	17.73	18.50	
		1	25	17.70	17.73	17.65	18.50	
64QAM		1	49	17.75	17.61	17.64	18.50	
		25	0	17.59	17.83	17.61	18.50	
		25	13	17.69	17.58	17.61	18.50	
		25	25	17.64	17.73	17.60	18.50	
		50	0	17.69	17.76	17.61	18.50	
		1	0	17.61	17.72	17.66	18.50	
15MHz		QPSK	1	25	17.79	17.83	17.58	18.50
			1	49	17.53	17.64	17.54	18.50
			25	0	17.72	17.75	17.59	18.50
	25		13	17.65	17.88	17.61	18.50	
	25		25	17.50	17.79	17.57	18.50	
	50		0	17.65	17.65	17.57	18.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
15MHz	QPSK	1	0	20825	21100	21375	18.50	
				17.79	17.87	17.76	18.50	

		1	38	17.68	17.70	17.52	18.50	
		1	74	17.71	17.68	17.58	18.50	
		36	0	17.62	17.86	17.54	18.50	
		36	18	17.65	17.64	17.59	18.50	
		36	39	17.61	17.59	17.63	18.50	
		75	0	17.58	17.76	17.64	18.50	
	16QAM	1	0	17.70	17.74	17.74	18.50	
		1	38	17.67	17.70	17.57	18.50	
		1	74	17.79	17.68	17.58	18.50	
		36	0	17.47	17.77	17.54	18.50	
		36	18	17.62	17.64	17.70	18.50	
		36	39	17.59	17.77	17.65	18.50	
	64QAM	75	0	17.70	17.72	17.46	18.50	
		1	0	17.58	17.69	17.57	18.50	
		1	38	17.78	17.71	17.69	18.50	
		1	74	17.54	17.76	17.56	18.50	
		36	0	17.78	17.68	17.55	18.50	
		36	18	17.62	17.84	17.60	18.50	
	<b>Bandwidth</b>	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					20850	21100	21350	
	<b>20MHz</b>	QPSK	75	0	17.62	17.78	17.65	18.50
1			0	17.84	18.01	17.68	18.50	
1			50	17.72	17.66	17.55	18.50	
1			99	17.69	17.66	17.56	18.50	
50			0	17.71	17.81	17.59	18.50	
50			25	17.60	17.64	17.56	18.50	
50			50	17.68	17.68	17.60	18.50	
16QAM		100	0	17.62	17.73	17.59	18.50	
		1	0	17.73	17.82	17.70	18.50	
		1	50	17.69	17.67	17.65	18.50	
		1	99	17.79	17.69	17.61	18.50	
		50	0	17.54	17.77	17.56	18.50	
		50	25	17.70	17.71	17.66	18.50	
		50	50	17.59	17.72	17.59	18.50	
64QAM		100	0	17.60	17.80	17.56	18.50	
		1	0	17.57	17.65	17.62	18.50	
		1	50	17.80	17.75	17.65	18.50	
		1	99	17.54	17.76	17.56	18.50	
		50	0	17.78	17.61	17.59	18.50	
		50	25	17.69	17.80	17.72	18.50	
		50	50	17.58	17.78	17.57	18.50	
		100	0	17.59	17.68	17.70	18.50	

LTE FDD Band 12				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				23017	23095	23173	
1.4MHz	QPSK	1	0	23.73	23.75	23.77	25.00
		1	2	23.77	23.73	23.83	25.00
		1	5	23.76	23.77	23.70	25.00
		3	0	23.84	23.82	23.72	25.00
		3	2	23.76	23.73	23.75	25.00
		3	3	23.75	23.76	23.70	25.00
	16QAM	6	0	23.22	22.78	22.80	24.00
		1	0	23.01	23.41	23.01	24.00
		1	2	23.38	22.93	23.14	24.00
		1	5	23.26	23.30	22.93	24.00
		3	0	23.33	22.95	22.78	24.00
		3	2	23.19	22.87	22.94	24.00
	64QAM	3	3	23.09	22.82	22.85	24.00
		6	0	22.24	21.78	21.78	23.00
		1	0	21.94	21.97	22.21	23.00
		1	2	22.22	21.88	21.86	23.00
		1	5	21.87	21.84	22.08	23.00
		3	0	21.96	22.12	22.02	23.00
3MHz	QPSK	3	2	22.32	21.85	21.75	23.00
		3	3	21.82	21.86	22.07	23.00
		6	0	21.05	21.07	20.72	22.00
		1	0	23.74	23.81	23.77	25.00
		1	7	23.66	23.68	23.69	25.00
		1	14	23.75	23.67	23.65	25.00
	16QAM	8	0	22.72	22.86	22.74	24.00
		8	4	22.67	22.90	22.70	24.00
		8	7	22.73	22.81	22.70	24.00
		15	0	22.64	22.79	22.75	24.00
		1	0	22.86	23.17	23.07	24.00
		1	7	22.82	23.27	22.86	24.00
	64QAM	1	14	23.03	23.08	23.15	24.00
		8	0	21.73	21.87	21.78	23.00
		8	4	21.72	21.79	21.75	23.00
		8	7	21.78	21.91	21.68	23.00
		15	0	21.78	21.76	21.70	23.00
		1	0	22.08	22.04	22.21	23.00
5MHz	QPSK	1	7	22.25	22.13	22.55	23.00
		1	14	22.19	21.94	22.18	23.00
		8	0	21.18	21.19	20.91	22.00
		8	4	21.06	21.17	21.12	22.00
		8	7	21.07	20.99	21.04	22.00
		15	0	21.11	21.04	21.09	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				23035	23095	23155	
5MHz	QPSK	1	0	23.79	23.76	23.82	25.00

		1	13	23.65	23.73	23.67	25.00		
		1	24	23.76	23.68	23.62	25.00		
		12	0	22.71	22.86	22.78	24.00		
		12	6	22.70	22.86	22.78	24.00		
		12	13	22.71	22.84	22.66	24.00		
		25	0	22.67	22.86	22.72	24.00		
	16QAM	1	0	22.83	23.17	23.02	24.00		
		1	13	22.83	23.24	22.87	24.00		
		1	24	22.97	23.05	23.22	24.00		
		12	0	21.73	21.88	21.73	23.00		
		12	6	21.72	21.72	21.68	23.00		
		12	13	21.75	21.88	21.70	23.00		
	64QAM	25	0	21.78	21.74	21.73	23.00		
		1	0	22.17	22.00	22.28	23.00		
		1	13	22.21	22.20	22.54	23.00		
		1	24	22.27	22.02	22.19	23.00		
		12	0	21.18	21.16	20.95	22.00		
		12	6	20.98	21.14	21.11	22.00		
	<b>10MHz</b>	QPSK	12	13	21.04	21.03	21.05	22.00	
			25	0	21.09	21.03	21.05	22.00	
			<b>Bandwidth</b>	<b>Modulation</b>	<b>RB size</b>	<b>RB offset</b>	<b>Channel</b>	<b>Channel</b>	<b>Channel</b>
						23060	23095	23130	
16QAM			1	0	23.75	23.88	23.79	25.00	
			1	25	23.72	23.74	23.65	25.00	
			1	49	23.73	23.69	23.69	25.00	
		25	0	22.77	22.85	22.79	24.00		
		25	13	22.78	22.84	22.73	24.00		
		25	25	22.71	22.80	22.71	24.00		
		50	0	22.58	22.90	22.67	24.00		
64QAM		1	0	22.81	23.14	23.08	24.00		
		1	25	22.92	23.21	22.92	24.00		
		1	49	22.99	23.07	23.21	24.00		
		25	0	21.77	21.89	21.73	23.00		
		25	13	21.73	21.82	21.67	23.00		
		25	25	21.70	21.86	21.67	23.00		
64QAM		50	0	21.73	21.75	21.70	23.00		
		1	0	22.16	22.00	22.26	23.00		
		1	25	22.26	22.19	22.52	23.00		
		1	49	22.26	21.99	22.17	23.00		
	25	0	21.10	21.17	20.96	22.00			
	25	13	21.01	21.14	21.11	22.00			
		25	25	21.02	21.01	21.03	22.00		
		50	0	21.05	20.98	21.08	22.00		

LTE FDD Band 13				Conducted Power(dBm)				
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				23205	23230	23255		
5MHz	QPSK	1	0	23.83	23.81	23.90	25.00	
		1	13	23.82	23.77	23.77	25.00	
		1	24	23.86	23.81	23.75	25.00	
		12	0	22.83	23.01	22.79	24.00	
		12	6	22.81	23.01	22.84	24.00	
		12	13	22.76	22.95	22.74	24.00	
	16QAM	25	0	22.78	22.90	22.76	24.00	
		1	0	22.91	23.28	23.20	24.00	
		1	13	23.02	23.40	22.96	24.00	
		1	24	23.07	23.22	23.24	24.00	
		12	0	21.82	21.96	21.85	23.00	
		12	6	21.81	21.84	21.80	23.00	
	64QAM	12	13	21.88	22.01	21.73	23.00	
		25	0	21.87	21.85	21.76	23.00	
		1	0	22.19	22.17	22.37	23.00	
		1	13	22.30	22.22	22.62	23.00	
		1	24	22.36	22.07	22.28	23.00	
		12	0	21.23	21.28	21.02	22.00	
	10MHz	QPSK	12	6	21.11	21.16	21.18	22.00
			12	13	21.17	21.14	21.17	22.00
			25	0	21.23	21.17	21.16	22.00
1			0	/	23.95	/	25.00	
1			25	/	23.92	/	25.00	
1			49	/	23.87	/	25.00	
16QAM		25	0	/	23.16	/	24.00	
		25	13	/	23.09	/	24.00	
		25	25	/	23.05	/	24.00	
		50	0	/	23.03	/	24.00	
		1	0	/	23.32	/	24.00	
		1	25	/	23.49	/	24.00	
64QAM	1	49	/	23.24	/	24.00		
	25	0	/	22.08	/	23.00		
	25	13	/	21.93	/	23.00		
	25	25	/	22.07	/	23.00		
	50	0	/	22.01	/	23.00		
	1	0	/	22.24	/	23.00		
64QAM	1	25	/	22.36	/	23.00		
	1	49	/	22.18	/	23.00		
	25	0	/	21.29	/	22.00		
	25	13	/	21.32	/	22.00		
	25	25	/	21.20	/	22.00		
	50	0	/	21.25	/	22.00		



LTE FDD Band 17				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				23755	23790	23825	
5MHz	QPSK	1	0	23.71	23.71	23.72	25.00
		1	13	23.75	23.71	23.68	25.00
		1	24	23.69	23.68	23.60	25.00
		12	0	22.69	22.90	22.77	24.00
		12	6	22.73	22.85	22.79	24.00
		12	13	22.67	22.80	22.68	24.00
		25	0	22.60	22.83	22.69	24.00
	16QAM	1	0	22.79	23.15	23.09	24.00
		1	13	22.89	23.22	22.82	24.00
		1	24	23.02	23.07	23.21	24.00
		12	0	21.71	21.86	21.73	23.00
		12	6	21.66	21.80	21.75	23.00
		12	13	21.79	21.86	21.63	23.00
		25	0	21.78	21.77	21.70	23.00
	64QAM	1	0	22.18	22.01	22.19	23.00
		1	13	22.18	22.20	22.59	23.00
		1	24	22.17	22.03	22.23	23.00
		12	0	21.17	21.18	20.99	22.00
		12	6	20.99	21.11	21.06	22.00
		12	13	21.08	20.99	21.03	22.00
		25	0	21.12	21.06	20.99	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				23780	23790	23800	
10MHz	QPSK	1	0	23.79	23.81	23.73	25.00
		1	25	23.72	23.65	23.70	25.00
		1	49	23.77	23.67	23.68	25.00
		25	0	22.74	22.96	22.85	24.00
		25	13	22.69	22.81	22.79	24.00
		25	25	22.69	22.87	22.67	24.00
		50	0	22.64	22.79	22.71	24.00
	16QAM	1	0	22.81	23.16	23.10	24.00
		1	25	22.89	23.23	22.83	24.00
		1	49	23.02	23.10	23.11	24.00
		25	0	21.72	21.86	21.75	23.00
		25	13	21.67	21.73	21.66	23.00
		25	25	21.71	21.84	21.64	23.00
		50	0	21.81	21.75	21.68	23.00
	64QAM	1	0	22.17	22.05	22.19	23.00
		1	25	22.27	22.21	22.59	23.00
		1	49	22.18	21.95	22.24	23.00
		25	0	21.15	21.10	20.99	22.00
		25	13	21.06	21.14	21.13	22.00
		25	25	21.10	20.97	21.09	22.00
		50	0	21.06	21.04	21.08	22.00

LTE Band 26				Conducted Power(dBm)				
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				26697	26865	27033		
1.4MHz	QPSK	1	0	23.70	23.61	23.74	25.50	
		1	2	23.72	23.61	23.79	25.50	
		1	5	23.72	23.74	23.57	25.50	
		3	0	23.70	23.74	23.59	25.50	
		3	2	23.60	23.60	23.72	25.50	
		3	3	23.65	23.59	23.57	25.50	
	16QAM	6	0	23.08	22.70	22.77	24.50	
		1	0	22.93	23.34	22.95	24.50	
		1	2	23.22	22.79	23.01	24.50	
		1	5	23.16	23.21	22.85	24.50	
		3	0	23.13	22.84	22.69	24.50	
		3	2	23.09	22.79	22.80	24.50	
	64QAM	3	3	22.95	22.67	22.71	24.50	
		6	0	22.23	21.75	21.66	23.50	
		1	0	21.86	21.90	22.21	23.50	
		1	2	22.18	21.80	21.68	23.50	
		1	5	21.70	21.72	21.91	23.50	
		3	0	21.89	22.02	21.87	23.50	
	3MHz	QPSK	3	2	22.18	21.81	21.72	23.50
			3	3	21.79	21.72	21.96	23.50
			6	0	20.99	20.96	20.61	22.50
1			0	23.72	23.73	23.77	25.50	
1			7	23.65	23.74	23.71	25.50	
1			14	23.76	23.74	23.65	25.50	
8			0	22.64	22.88	22.77	24.50	
16QAM		8	4	22.77	22.89	22.76	24.50	
		8	7	22.65	22.81	22.74	24.50	
		15	0	22.62	22.85	22.73	24.50	
		1	0	22.82	23.17	23.12	24.50	
		1	7	22.89	23.23	22.92	24.50	
		1	14	22.95	23.07	23.15	24.50	
		8	0	21.78	21.85	21.74	23.50	
64QAM		8	4	21.70	21.80	21.68	23.50	
	8	7	21.75	21.88	21.73	23.50		
	15	0	21.73	21.81	21.69	23.50		
	1	0	22.15	22.04	22.23	23.50		
	1	7	22.17	22.13	22.58	23.50		
	1	14	22.21	22.02	22.19	23.50		
	8	0	21.15	21.18	20.98	22.50		
	8	4	21.00	21.08	21.12	22.50		
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				26715	26865	27015		

5MHz	QPSK	1	0	23.74	23.78	23.72	25.50
		1	13	23.68	23.71	23.69	25.50
		1	24	23.76	23.77	23.62	25.50
		12	0	22.66	22.84	22.73	24.50
		12	6	22.75	22.88	22.73	24.50
		12	13	22.75	22.80	22.71	24.50
		25	0	22.66	22.86	22.66	24.50
	16QAM	1	0	22.79	23.14	23.01	24.50
		1	13	22.89	23.25	22.88	24.50
		1	24	23.04	23.08	23.11	24.50
		12	0	21.69	21.88	21.73	23.50
		12	6	21.64	21.79	21.66	23.50
		12	13	21.78	21.86	21.71	23.50
		25	0	21.77	21.83	21.68	23.50
	64QAM	1	0	22.14	22.02	22.19	23.50
		1	13	22.26	22.21	22.56	23.50
		1	24	22.26	22.03	22.22	23.50
		12	0	21.10	21.13	21.01	22.50
		12	6	21.03	21.08	21.06	22.50
		12	13	21.02	21.02	21.05	22.50
		25	0	21.11	21.02	21.00	22.50
<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>
				26750	26865	26990	
10MHz	QPSK	1	0	23.73	23.79	23.80	25.50
		1	25	23.65	23.71	23.67	25.50
		1	49	23.71	23.73	23.67	25.50
		25	0	22.67	22.92	22.75	24.50
		25	13	22.73	22.89	22.75	24.50
		25	25	22.72	22.80	22.66	24.50
		50	0	22.65	22.85	22.72	24.50
	16QAM	1	0	22.84	23.11	23.05	24.50
		1	25	22.85	23.24	22.85	24.50
		1	49	23.05	23.06	23.14	24.50
		25	0	21.76	21.84	21.79	23.50
		25	13	21.69	21.78	21.75	23.50
		25	25	21.77	21.89	21.63	23.50
		50	0	21.72	21.77	21.73	23.50
	64QAM	1	0	22.11	22.01	22.23	23.50
		1	25	22.23	22.15	22.59	23.50
		1	49	22.26	22.03	22.24	23.50
		25	0	21.11	21.11	21.00	22.50
		25	13	20.96	21.16	21.11	22.50
		25	25	21.07	20.96	21.03	22.50
		50	0	21.13	21.02	21.09	22.50
<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>
				26775	26865	26965	
15MHz	QPSK	1	0	23.79	23.83	23.73	25.50
		1	38	23.69	23.72	23.70	25.50
		1	74	23.77	23.68	23.63	25.50
		36	0	22.83	22.91	22.89	24.50
		36	18	22.72	22.80	22.79	24.50

	16QAM	36	39	22.74	22.81	22.68	24.50
		75	0	22.58	22.80	22.65	24.50
		1	0	22.76	23.19	23.10	24.50
		1	38	22.82	23.25	22.83	24.50
		1	74	22.96	23.13	23.21	24.50
		36	0	21.69	21.89	21.80	23.50
		36	18	21.63	21.73	21.71	23.50
		36	39	21.79	21.89	21.69	23.50
	64QAM	75	0	21.80	21.74	21.68	23.50
		1	0	22.15	22.08	22.26	23.50
		1	38	22.21	22.15	22.59	23.50
		1	74	22.25	21.95	22.21	23.50
		36	0	21.08	21.19	20.95	22.50
		36	18	20.97	21.11	21.10	22.50
		36	39	21.12	21.03	21.11	22.50
		75	0	21.09	21.07	21.03	22.50

LTE Band 26 DSI1				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26697	26865	27033	
1.4MHz	QPSK	1	0	23.80	23.89	23.75	24.50
		1	2	23.54	23.60	23.57	24.50
		1	5	23.45	23.66	23.55	24.50
		3	0	23.58	23.56	23.65	24.50
		3	2	23.74	23.68	23.79	24.50
		3	3	23.63	23.66	23.72	24.50
		6	0	23.60	23.57	23.75	24.50
	16QAM	1	0	23.63	23.81	23.75	24.50
		1	2	23.67	23.67	23.58	24.50
		1	5	23.87	23.68	23.73	24.50
		3	0	22.82	22.71	22.78	24.50
		3	2	22.83	22.76	22.64	24.50
		3	3	22.96	22.86	22.76	24.50
		6	0	22.86	22.88	22.78	23.50
	64QAM	1	0	22.67	22.80	22.55	23.50
		1	2	23.00	22.51	22.82	23.50
		1	5	22.93	22.81	22.81	23.50
		3	0	21.72	21.50	21.66	23.50
		3	2	21.67	21.71	21.73	23.50
		3	3	21.64	21.64	21.56	23.50
		6	0	21.68	21.54	21.52	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
3MHz	QPSK			26705	26865	27025	
		1	0	23.69	23.86	23.69	24.50
		1	7	23.65	23.60	23.63	24.50
		1	14	23.57	23.69	23.65	24.50
		8	0	23.58	23.62	23.68	24.50

	16QAM	8	4	23.68	23.64	23.79	24.50
		8	7	23.66	23.54	23.79	24.50
		15	0	23.67	23.50	23.81	24.50
		1	0	23.65	23.74	23.67	24.50
		1	7	23.80	23.81	23.71	24.50
		1	14	23.86	23.67	23.77	24.50
		8	0	22.89	22.79	22.70	24.50
		8	4	22.87	22.77	22.63	24.50
		8	7	22.99	22.92	22.75	24.50
	15	0	22.89	22.77	22.72	23.50	
	64QAM	1	0	22.73	22.76	22.63	23.50
		1	7	22.96	22.49	22.87	23.50
		1	14	22.94	22.75	22.77	23.50
		8	0	21.79	21.50	21.75	23.50
		8	4	21.69	21.65	21.80	23.50
8		7	21.66	21.50	21.57	23.50	
15	0	21.60	21.64	21.49	22.50		
<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>
				26715	26865	27015	
<b>5MHz</b>	QPSK	1	0	23.74	23.81	23.71	24.50
		1	13	23.63	23.63	23.54	24.50
		1	24	23.54	23.60	23.58	24.50
		12	0	23.63	23.64	23.77	24.50
		12	6	23.62	23.69	23.85	24.50
		12	13	23.70	23.59	23.77	24.50
		25	0	23.69	23.55	23.75	24.50
	16QAM	1	0	23.58	23.70	23.77	24.50
		1	13	23.79	23.74	23.63	24.50
		1	24	23.88	23.68	23.67	24.50
		12	0	22.82	22.72	22.74	24.50
		12	6	22.86	22.74	22.64	24.50
		12	13	23.02	22.88	22.85	24.50
		25	0	22.91	22.82	22.75	23.50
	64QAM	1	0	22.73	22.74	22.62	23.50
		1	13	22.95	22.51	22.92	23.50
		1	24	22.89	22.82	22.87	23.50
		12	0	21.72	21.52	21.70	23.50
		12	6	21.67	21.68	21.72	23.50
		12	13	21.64	21.60	21.63	23.50
		25	0	21.65	21.61	21.50	22.50
<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>
				26750	26865	26990	
<b>10MHz</b>	QPSK	1	0	23.77	23.80	23.76	24.50
		1	25	23.65	23.58	23.51	24.50
		1	49	23.52	23.70	23.62	24.50
		25	0	23.63	23.62	23.65	24.50
		25	13	23.71	23.70	23.74	24.50
		25	25	23.69	23.62	23.80	24.50
		50	0	23.55	23.62	23.78	24.50
	16QAM	1	0	23.59	23.73	23.75	24.50
		1	25	23.73	23.77	23.65	24.50

		1	49	23.77	23.63	23.65	24.50		
		25	0	22.86	22.68	22.71	24.50		
		25	13	22.78	22.71	22.58	24.50		
		25	25	23.01	22.89	22.83	24.50		
		50	0	22.91	22.82	22.84	23.50		
	64QAM	1	0	22.76	22.85	22.59	23.50		
		1	25	22.97	22.50	22.94	23.50		
		1	49	22.91	22.84	22.86	23.50		
		25	0	21.80	21.50	21.80	23.50		
		25	13	21.70	21.76	21.69	23.50		
		25	25	21.59	21.50	21.60	23.50		
		50	0	21.58	21.59	21.46	22.50		
		<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>
						26775	26865	26965	
		15MHz	QPSK	1	0	23.91	24.10	23.91	24.50
	1			38	23.76	23.81	23.73	24.50	
	1			74	23.64	23.86	23.88	24.50	
	36			0	23.77	23.77	23.90	24.50	
	36			18	23.85	23.82	24.06	24.50	
	36			39	23.85	23.87	23.96	24.50	
75	0			23.78	23.81	23.90	24.50		
16QAM	1		0	23.84	23.93	23.89	24.50		
	1		38	23.94	24.00	23.90	24.50		
	1		74	24.05	23.87	23.89	24.50		
	36	0	23.12	22.87	22.97	24.50			
	36	18	22.93	22.97	22.86	24.50			
	36	39	23.15	23.13	22.96	24.50			
	75	0	23.14	23.08	22.92	23.50			
64QAM	1	0	22.98	22.93	22.85	23.50			
	1	38	23.21	22.70	23.04	23.50			
	1	74	23.15	22.93	23.08	23.50			
	36	0	21.92	21.70	21.88	23.50			
	36	18	21.94	21.84	21.91	23.50			
	36	39	21.75	21.74	21.77	23.50			
	75	0	21.79	21.76	21.66	22.50			

LTE Band 38				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37775	38000	38225	
5MHz	QPSK	1	0	23.47	23.43	23.41	25.00
		1	13	23.40	23.42	23.43	25.00
		1	24	23.38	23.38	23.31	25.00
		12	0	22.36	22.58	22.46	24.00
		12	6	22.37	22.60	22.45	24.00
		12	13	22.36	22.56	22.36	24.00

	16QAM	25	0	22.30	22.58	22.44	24.00
		1	0	22.47	22.81	22.73	24.00
		1	13	22.59	22.94	22.53	24.00
		1	24	22.73	22.79	22.87	24.00
		12	0	21.43	21.55	21.50	23.00
		12	6	21.43	21.47	21.37	23.00
		12	13	21.44	21.62	21.38	23.00
	64QAM	25	0	21.40	21.44	21.38	23.00
		1	0	21.84	21.70	21.97	23.00
		1	13	21.95	21.86	22.24	23.00
		1	24	21.89	21.72	21.92	23.00
		12	0	20.85	20.78	20.64	22.00
		12	6	20.69	20.80	20.73	22.00
		12	13	20.75	20.70	20.74	22.00
25	0	20.73	20.70	20.76	22.00		
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37800	38000	38200	
10MHz	QPSK	1	0	23.48	23.50	23.51	25.00
		1	25	23.41	23.43	23.42	25.00
		1	49	23.39	23.39	23.33	25.00
		25	0	22.37	22.62	22.40	24.00
		25	13	22.40	22.54	22.45	24.00
		25	25	22.42	22.57	22.39	24.00
		50	0	22.37	22.56	22.43	24.00
	16QAM	1	0	22.48	22.84	22.81	24.00
		1	25	22.61	22.91	22.57	24.00
		1	49	22.64	22.76	22.87	24.00
		25	0	21.45	21.58	21.42	23.00
		25	13	21.39	21.42	21.42	23.00
		25	25	21.42	21.59	21.42	23.00
		50	0	21.47	21.52	21.44	23.00
	64QAM	1	0	21.78	21.70	21.87	23.00
		1	25	21.89	21.83	22.32	23.00
		1	49	21.97	21.68	21.88	23.00
		25	0	20.84	20.87	20.72	22.00
		25	13	20.72	20.84	20.73	22.00
		25	25	20.71	20.76	20.73	22.00
		50	0	20.78	20.74	20.77	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37825	38000	38175	
15MHz	QPSK	1	0	23.50	23.45	23.47	25.00
		1	38	23.43	23.38	23.42	25.00
		1	74	23.43	23.46	23.32	25.00
		36	0	22.40	22.55	22.42	24.00
		36	18	22.40	22.55	22.46	24.00
		36	39	22.44	22.52	22.43	24.00
		75	0	22.33	22.50	22.40	24.00
	16QAM	1	0	22.51	22.88	22.74	24.00
		1	38	22.61	22.90	22.59	24.00
		1	74	22.65	22.74	22.91	24.00
36	0	21.42	21.56	21.41	23.00		

		36	18	21.43	21.49	21.41	23.00
		36	39	21.45	21.60	21.36	23.00
		75	0	21.45	21.44	21.35	23.00
	64QAM	1	0	21.87	21.77	21.93	23.00
		1	38	21.87	21.81	22.33	23.00
		1	74	21.90	21.67	21.93	23.00
		36	0	20.81	20.85	20.71	22.00
		36	18	20.76	20.85	20.79	22.00
		36	39	20.76	20.69	20.73	22.00
		75	0	20.73	20.69	20.72	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37850	38000	38150	
20MHz	QPSK	1	0	23.44	23.54	23.48	25.00
		1	50	23.43	23.34	23.36	25.00
		1	99	23.41	23.39	23.41	25.00
		50	0	22.44	22.64	22.49	24.00
		50	25	22.39	22.52	22.45	24.00
		50	50	22.34	22.58	22.34	24.00
		100	0	22.30	22.50	22.44	24.00
	16QAM	1	0	22.51	22.85	22.71	24.00
		1	50	22.62	22.94	22.62	24.00
		1	99	22.69	22.74	22.91	24.00
		50	0	21.40	21.57	21.43	23.00
		50	25	21.37	21.46	21.42	23.00
		50	50	21.45	21.57	21.35	23.00
		100	0	21.45	21.52	21.35	23.00
	64QAM	1	0	21.86	21.72	21.89	23.00
		1	50	21.96	21.91	22.29	23.00
		1	99	21.91	21.74	21.94	23.00
		50	0	20.81	20.82	20.66	22.00
		50	25	20.75	20.86	20.82	22.00
		50	50	20.74	20.72	20.79	22.00
		100	0	20.80	20.76	20.70	22.00

LTE Band 38 DSI1&4				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37775	38000	38225	
5MHz	QPSK	1	0	18.01	18.10	17.98	19.00
		1	13	17.78	17.83	17.73	19.00
		1	24	17.91	17.88	17.80	19.00
		12	0	17.87	18.10	17.69	19.00
		12	6	17.79	18.01	17.85	19.00
		12	13	17.80	17.83	17.71	19.00
		25	0	17.84	17.93	17.78	19.00
	16QAM	1	0	17.87	17.91	17.91	19.00
		1	13	18.00	17.94	17.92	19.00
		1	24	18.00	17.94	17.71	19.00
		12	0	17.82	17.94	17.69	19.00



		12	6	17.85	17.85	18.00	19.00
		12	13	17.88	17.98	17.77	19.00
		25	0	17.84	17.94	17.81	19.00
	64QAM	1	0	17.74	17.89	17.88	19.00
		1	13	17.92	18.07	17.90	19.00
		1	24	17.79	17.92	17.82	19.00
		12	0	17.95	17.84	17.83	19.00
		12	6	17.90	18.03	17.90	19.00
		12	13	17.73	18.00	17.78	19.00
25	0	17.80	18.00	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>
				37800	38000	38200	
<b>10MHz</b>	QPSK	1	0	17.98	18.22	17.95	19.00
		1	25	17.78	17.81	17.63	19.00
		1	49	17.88	17.96	17.80	19.00
		25	0	17.85	18.05	17.68	19.00
		25	13	17.82	17.89	17.86	19.00
		25	25	17.85	17.75	17.84	19.00
		50	0	17.86	17.90	17.67	19.00
	16QAM	1	0	17.81	17.90	17.85	19.00
		1	25	17.98	17.92	17.88	19.00
		1	49	17.99	17.82	17.84	19.00
		25	0	17.82	18.06	17.70	19.00
		25	13	17.81	17.88	18.03	19.00
		25	25	17.82	17.90	17.67	19.00
		50	0	17.80	17.95	17.81	19.00
	64QAM	1	0	17.82	17.83	17.86	19.00
		1	25	17.89	18.07	17.86	19.00
		1	49	17.89	18.04	17.79	19.00
		25	0	17.94	17.82	17.72	19.00
		25	13	17.85	18.03	17.91	19.00
		25	25	17.78	17.87	17.74	19.00
		50	0	17.85	17.96	17.75	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>
				37825	38000	38175	
<b>15MHz</b>	QPSK	1	0	17.93	18.16	17.98	19.00
		1	38	17.79	17.89	17.64	19.00
		1	74	17.87	17.87	17.76	19.00
		36	0	17.81	18.14	17.76	19.00
		36	18	17.78	17.90	17.86	19.00
		36	39	17.79	17.83	17.85	19.00
		75	0	17.86	17.90	17.74	19.00
	16QAM	1	0	17.86	17.87	17.88	19.00
		1	38	17.98	17.93	17.84	19.00
		1	74	17.97	17.94	17.76	19.00
		36	0	17.81	17.96	17.77	19.00
		36	18	17.86	17.89	17.99	19.00
		36	39	17.90	17.97	17.81	19.00
	64QAM	75	0	17.80	17.93	17.81	19.00
		1	0	17.84	17.82	17.89	19.00
		1	38	17.98	17.95	17.91	19.00

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37850	38000	38150	
20MHz	QPSK	1	74	17.78	17.91	17.78	19.00
		36	0	17.94	17.90	17.77	19.00
		36	18	17.94	17.94	17.95	19.00
		36	39	17.81	18.00	17.75	19.00
		75	0	17.84	17.98	17.74	19.00
	16QAM	1	0	17.96	18.24	17.85	19.00
		1	50	17.85	17.94	17.62	19.00
		1	99	17.79	17.95	17.74	19.00
		50	0	17.77	18.13	17.71	19.00
		50	25	17.79	18.00	17.85	19.00
		50	50	17.89	17.78	17.77	19.00
		100	0	17.76	17.95	17.82	19.00
	64QAM	1	0	17.81	17.86	17.90	19.00
		1	50	18.00	17.93	17.95	19.00
		1	99	17.94	17.85	17.73	19.00
		50	0	17.75	18.01	17.65	19.00
		50	25	17.87	17.80	17.92	19.00
		50	50	17.81	17.93	17.70	19.00
		100	0	17.74	18.01	17.84	19.00
	64QAM	1	0	17.84	17.90	17.88	19.00
		1	50	17.88	18.05	17.81	19.00
		1	99	17.85	18.05	17.81	19.00
		50	0	17.96	17.85	17.78	19.00
		50	25	17.84	18.00	17.90	19.00
		50	50	17.82	17.94	17.82	19.00
		100	0	17.78	17.95	17.86	19.00

LTE Band 41 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	23.24	23.18	23.24	23.19	23.26	25.00
		1	13	23.24	23.19	23.19	23.20	23.22	25.00
		1	24	23.23	23.16	23.22	23.13	23.18	25.00
		12	0	22.21	22.29	22.34	22.38	22.26	24.00
		12	6	22.21	22.34	22.40	22.37	22.26	24.00
		12	13	22.22	22.29	22.39	22.29	22.22	24.00
	16QAM	25	0	22.18	22.28	22.38	22.27	22.23	24.00
		1	0	22.26	22.58	22.66	22.66	22.57	24.00
		1	13	22.34	22.68	22.77	22.72	22.33	24.00
		1	24	22.50	22.53	22.57	22.51	22.64	24.00
		12	0	21.27	21.36	21.36	21.35	21.28	23.00
		12	6	21.21	21.19	21.25	21.27	21.23	23.00
	64QAM	12	13	21.24	21.39	21.39	21.40	21.20	23.00
		25	0	21.23	21.29	21.30	21.22	21.15	23.00
		1	0	21.64	21.55	21.58	21.46	21.72	23.00
		1	13	21.76	21.59	21.68	21.65	22.07	23.00

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39700	40160	40620	41080	41540	
10MHz	QPSK	1	24	21.77	21.43	21.45	21.44	21.65	23.00
		12	0	20.65	20.60	20.65	20.61	20.47	22.00
		12	6	20.49	20.59	20.64	20.59	20.62	22.00
		12	13	20.61	20.43	20.54	20.50	20.52	22.00
		25	0	20.60	20.49	20.55	20.49	20.52	22.00
	16QAM	1	0	23.25	23.19	23.28	23.21	23.26	25.00
		1	25	23.14	23.22	23.19	23.19	23.24	25.00
		1	49	23.22	23.14	23.17	23.14	23.13	25.00
		25	0	22.15	22.33	22.35	22.31	22.18	24.00
		25	13	22.18	22.30	22.31	22.29	22.30	24.00
		25	25	22.17	22.35	22.38	22.30	22.21	24.00
		50	0	22.08	22.30	22.37	22.31	22.24	24.00
	64QAM	1	0	22.34	22.59	22.65	22.62	22.59	24.00
		1	25	22.38	22.76	22.69	22.70	22.39	24.00
		1	49	22.45	22.58	22.57	22.60	22.65	24.00
		25	0	21.23	21.33	21.40	21.31	21.30	23.00
		25	13	21.22	21.19	21.28	21.27	21.21	23.00
		25	25	21.29	21.34	21.44	21.33	21.19	23.00
		50	0	21.30	21.26	21.26	21.24	21.16	23.00
	15MHz	QPSK	1	0	21.63	21.54	21.59	21.46	21.76
1			25	21.66	21.67	21.67	21.59	22.09	23.00
1			49	21.73	21.40	21.47	21.44	21.67	23.00
25			0	20.62	20.62	20.67	20.65	20.50	22.00
25			13	20.55	20.63	20.64	20.56	20.53	22.00
25			25	20.52	20.53	20.51	20.46	20.59	22.00
50			0	20.59	20.49	20.50	20.55	20.57	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39725	40173	40620	41068	41515	
15MHz	QPSK	1	0	23.28	23.23	23.22	23.22	23.21	25.00
		1	38	23.19	23.16	23.21	23.12	23.24	25.00
		1	74	23.18	23.20	23.20	23.19	23.11	25.00
		36	0	22.14	22.32	22.33	22.32	22.26	24.00
		36	18	22.25	22.35	22.40	22.33	22.20	24.00
		36	39	22.24	22.32	22.29	22.35	22.19	24.00
		75	0	22.18	22.26	22.30	22.31	22.24	24.00
	16QAM	1	0	22.28	22.63	22.62	22.68	22.54	24.00
		1	38	22.36	22.77	22.73	22.67	22.43	24.00
		1	74	22.46	22.54	22.62	22.54	22.71	24.00
		36	0	21.19	21.35	21.39	21.36	21.28	23.00
		36	18	21.14	21.27	21.25	21.25	21.23	23.00
		36	39	21.20	21.36	21.35	21.31	21.19	23.00
		75	0	21.23	21.21	21.25	21.25	21.16	23.00
	64QAM	1	0	21.62	21.52	21.51	21.56	21.71	23.00
		1	38	21.69	21.68	21.66	21.62	22.08	23.00
		1	74	21.72	21.48	21.48	21.49	21.74	23.00
		36	0	20.59	20.65	20.69	20.65	20.41	22.00
		36	18	20.48	20.57	20.57	20.61	20.53	22.00
		36	39	20.58	20.43	20.50	20.51	20.62	22.00
75		0	20.55	20.49	20.55	20.49	20.54	22.00	

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39750	40185	40620	41055	41490	
20MHz	QPSK	1	0	23.28	23.25	23.30	23.29	23.25	25.00
		1	50	23.25	23.22	23.14	23.16	23.24	25.00
		1	99	23.22	23.24	23.16	23.14	23.18	25.00
		50	0	22.26	22.42	22.52	22.33	22.25	24.00
		50	25	22.25	22.37	22.34	22.30	22.20	24.00
		50	50	22.16	22.31	22.34	22.27	22.18	24.00
	16QAM	100	0	22.07	22.33	22.45	22.35	22.16	24.00
		1	0	22.33	22.69	22.66	22.66	22.62	24.00
		1	50	22.41	22.73	22.72	22.68	22.35	24.00
		1	99	22.44	22.53	22.56	22.60	22.63	24.00
		50	0	21.28	21.38	21.38	21.38	21.27	23.00
		50	25	21.17	21.19	21.32	21.22	21.22	23.00
	64QAM	50	50	21.30	21.33	21.42	21.36	21.15	23.00
		100	0	21.27	21.22	21.32	21.30	21.22	23.00
		1	0	21.59	21.48	21.53	21.55	21.72	23.00
		1	50	21.74	21.68	21.68	21.67	22.02	23.00
		1	99	21.75	21.45	21.43	21.48	21.71	23.00
		50	0	20.64	20.65	20.63	20.60	20.49	22.00
	64QAM	50	25	20.55	20.60	20.65	20.63	20.53	22.00
		50	50	20.55	20.46	20.50	20.51	20.52	22.00
		100	0	20.55	20.46	20.50	20.46	20.49	22.00

LTE Band 41 DSI1&4				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	18.00	17.96	18.22	17.88	17.94	19.00
		1	13	17.81	17.78	17.80	17.59	17.77	19.00
		1	24	17.89	17.95	17.90	17.78	17.87	19.00
		12	0	17.83	17.82	18.00	17.82	17.69	19.00
		12	6	17.95	17.75	17.93	17.84	17.76	19.00
		12	13	17.75	17.81	17.77	17.82	17.71	19.00
	16QAM	25	0	17.90	17.82	17.91	17.76	17.89	19.00
		1	0	17.79	17.83	17.88	17.78	17.81	19.00
		1	13	17.93	17.97	17.96	17.85	17.86	19.00
		1	24	17.94	17.96	17.93	17.74	17.84	19.00
		12	0	17.80	17.87	18.00	17.83	17.64	19.00
		12	6	17.85	17.76	17.75	18.00	17.93	19.00
	64QAM	12	13	17.79	17.71	17.90	17.70	17.76	19.00
		25	0	17.84	17.74	17.85	17.81	17.84	19.00
		1	0	17.88	17.73	17.94	17.90	17.90	19.00
		1	13	17.86	17.99	17.93	17.78	17.78	19.00
		1	24	17.92	17.74	17.88	17.70	17.88	19.00
		12	0	18.05	18.06	17.94	17.89	17.77	19.00
	64QAM	12	6	17.73	17.88	18.00	17.86	17.79	19.00

Bandwidth	Modulation	12	13	17.72	17.82	17.88	17.85	17.80	19.00	
		25	0	17.86	17.81	17.80	17.79	17.82	19.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up	
				39700	40160	40620	41080	41540		
10MHz	QPSK	1	0	17.95	18.04	18.15	17.89	17.81	19.00	
		1	25	17.85	17.87	17.82	17.65	17.71	19.00	
		1	49	17.86	17.89	17.93	17.87	17.86	19.00	
		25	0	17.76	17.87	17.95	17.79	17.68	19.00	
		25	13	17.96	17.80	17.89	17.78	17.79	19.00	
		25	25	17.76	17.83	17.77	17.74	17.78	19.00	
		50	0	17.84	17.88	17.89	17.79	17.79	19.00	
	16QAM	1	0	17.79	17.77	17.98	17.90	17.76	19.00	
		1	25	17.89	17.86	17.96	17.86	17.79	19.00	
		1	49	17.86	17.98	17.99	17.79	17.87	19.00	
		25	0	17.76	17.81	17.99	17.71	17.68	19.00	
		25	13	17.81	17.87	17.89	17.92	17.95	19.00	
		25	25	17.89	17.70	17.96	17.77	17.77	19.00	
		50	0	17.73	17.83	17.88	17.80	17.78	19.00	
	64QAM	1	0	17.84	17.78	18.03	17.82	17.84	19.00	
		1	25	17.84	17.91	18.04	17.82	17.88	19.00	
		1	49	17.86	17.86	17.90	17.74	17.83	19.00	
		25	0	17.99	18.07	17.84	17.81	17.82	19.00	
		25	13	17.84	17.77	18.01	17.82	17.80	19.00	
		25	25	17.82	17.81	17.90	17.84	17.78	19.00	
		50	0	17.88	17.82	17.84	17.80	17.72	19.00	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
					39725	40173	40620	41068	41515	
	15MHz	QPSK	1	0	17.95	18.00	18.23	17.89	17.88	19.00
1			38	17.81	17.85	17.81	17.60	17.65	19.00	
1			74	17.80	17.87	17.86	17.79	17.74	19.00	
36			0	17.88	17.80	17.96	17.80	17.67	19.00	
36			18	17.82	17.89	17.84	17.82	17.77	19.00	
36			39	17.83	17.90	17.86	17.79	17.74	19.00	
75			0	17.93	17.84	18.01	17.78	17.82	19.00	
16QAM		1	0	17.78	17.86	17.88	17.91	17.91	19.00	
		1	38	17.95	17.94	17.95	17.91	17.81	19.00	
		1	74	17.86	17.91	17.88	17.79	17.80	19.00	
		36	0	17.82	17.78	18.03	17.83	17.69	19.00	
		36	18	17.90	17.86	17.78	17.95	17.91	19.00	
		36	39	17.83	17.77	17.94	17.75	17.71	19.00	
		75	0	17.86	17.83	17.94	17.79	17.70	19.00	
64QAM		1	0	17.92	17.83	18.01	17.91	17.93	19.00	
		1	38	17.88	17.96	18.01	17.87	17.82	19.00	
		1	74	17.89	17.78	17.88	17.82	17.84	19.00	
		36	0	18.05	17.94	17.85	17.90	17.81	19.00	
		36	18	17.72	17.87	18.09	17.83	17.77	19.00	
		36	39	17.82	17.76	18.02	17.78	17.77	19.00	
		75	0	17.82	17.87	17.90	17.83	17.76	19.00	
Bandwidth		Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
					39750	40185	40620	41055	41490	
20MHz		QPSK	1	0	17.89	18.03	18.31	17.94	17.80	19.00

		1	50	17.84	17.83	17.86	17.65	17.72	19.00
		1	99	17.79	17.89	17.84	17.75	17.82	19.00
		50	0	17.88	17.88	18.05	17.83	17.66	19.00
		50	25	17.85	17.78	17.87	17.77	17.71	19.00
		50	50	17.82	17.92	17.83	17.80	17.74	19.00
		100	0	17.80	17.81	17.89	17.81	17.85	19.00
	16QAM	1	0	17.81	17.81	17.96	17.76	17.79	19.00
		1	50	17.89	17.96	17.86	17.78	17.84	19.00
		1	99	17.97	17.94	17.87	17.71	17.83	19.00
		50	0	17.78	17.90	17.98	17.78	17.79	19.00
		50	25	17.91	17.84	17.85	17.91	17.86	19.00
		50	50	17.82	17.80	17.84	17.76	17.79	19.00
	64QAM	100	0	17.87	17.84	17.97	17.73	17.82	19.00
		1	0	17.87	17.77	18.01	17.88	17.87	19.00
		1	50	17.97	18.01	18.00	17.86	17.83	19.00
		1	99	17.88	17.86	17.87	17.77	17.82	19.00
		50	0	17.94	18.03	17.84	17.79	17.80	19.00
		50	25	17.77	17.84	18.06	17.84	17.87	19.00
		50	50	17.77	17.81	17.98	17.85	17.82	19.00
	100	0	17.94	17.78	17.77	17.91	17.75	19.00	

## 4 Conducted Power of Main Antenna(Ant5)

### 4.1 Conducted Power of LTE

LTE Band 42				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				43115	43340	43565	
5MHz	QPSK	1	0	24.05	24.07	24.05	25.50
		1	13	24.05	24.00	24.04	25.50
		1	24	24.14	24.12	24.10	25.50
		12	0	23.04	22.99	23.02	24.50
		12	6	23.09	23.10	23.16	24.50
		12	13	23.23	23.21	23.17	24.50
		25	0	23.12	23.09	23.08	24.50
	16QAM	1	0	23.20	23.12	23.15	24.50
		1	13	23.18	23.18	23.20	24.50
		1	24	23.16	23.21	23.20	24.50
		12	0	22.04	22.05	22.07	23.50
		12	6	22.16	22.13	22.16	23.50
		12	13	22.16	22.14	22.16	23.50
		25	0	22.17	22.22	22.21	23.50
	64QAM	1	0	22.09	22.15	22.14	23.50
		1	13	22.18	22.21	22.23	23.50
		1	24	22.19	22.23	22.22	23.50
		12	0	21.05	21.04	21.06	22.50
		12	6	21.13	21.11	21.11	22.50
		12	13	21.08	21.08	21.09	22.50
		25	0	21.15	21.15	21.11	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				43140	43340	43540	
10MHz	QPSK	1	0	24.11	24.02	24.11	25.50
		1	25	24.05	24.04	24.03	25.50
		1	49	24.08	24.13	24.13	25.50
		25	0	23.04	23.00	23.03	24.50
		25	13	23.17	23.12	23.13	24.50
		25	25	23.20	23.18	23.21	24.50
		50	0	23.09	23.15	23.15	24.50
	16QAM	1	0	23.16	23.13	23.19	24.50
		1	25	23.15	23.17	23.16	24.50
		1	49	23.20	23.17	23.23	24.50
		25	0	21.99	22.05	22.06	23.50

		25	13	22.15	22.20	22.15	23.50
		25	25	22.19	22.16	22.21	23.50
		50	0	22.22	22.22	22.21	23.50
	64QAM	1	0	22.13	22.14	22.16	23.50
		1	25	22.18	22.22	22.27	23.50
		1	49	22.24	22.17	22.21	23.50
		25	0	21.04	21.05	21.00	22.50
		25	13	21.11	21.17	21.15	22.50
		25	25	21.10	21.07	21.09	22.50
		50	0	21.15	21.10	21.11	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				43165	43340	43515	
15MHz	QPSK	1	0	24.19	24.21	24.19	25.50
		1	38	24.06	24.02	23.95	25.50
		1	74	24.15	24.20	24.21	25.50
		36	0	23.17	23.21	23.22	24.50
		36	18	23.12	23.19	23.25	24.50
		36	39	23.10	23.14	23.22	24.50
		75	0	23.18	23.23	23.24	24.50
	16QAM	1	0	23.24	23.17	23.22	24.50
		1	38	23.24	23.19	23.22	24.50
		1	74	23.25	23.29	23.26	24.50
		36	0	22.03	21.97	22.04	23.50
		36	18	22.17	22.22	22.26	23.50
		36	39	22.20	22.23	22.25	23.50
		75	0	22.25	22.21	22.21	23.50
	64QAM	1	0	22.17	22.11	22.21	23.50
		1	38	22.18	22.25	22.18	23.50
		1	74	22.33	22.20	22.31	23.50
		36	0	21.02	20.95	21.05	22.50
		36	18	21.17	21.25	21.17	22.50
		36	39	21.17	21.03	21.22	22.50
		75	0	21.17	21.10	21.21	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				43190	43340	43490	
20MHz	QPSK	1	0	24.19	24.22	24.19	25.50
		1	50	24.04	23.98	23.99	25.50
		1	99	24.10	24.14	24.16	25.50
		50	0	23.18	23.23	23.24	24.50
		50	25	23.11	23.09	23.17	24.50



		50	50	23.12	23.13	23.14	24.50
		100	0	23.12	23.19	23.14	24.50
	16QAM	1	0	23.15	23.19	23.15	24.50
		1	50	23.17	23.15	23.20	24.50
		1	99	23.19	23.19	23.22	24.50
		50	0	22.05	21.99	21.99	23.50
		50	25	22.12	22.16	22.18	23.50
		50	50	22.15	22.19	22.15	23.50
		100	0	22.15	22.15	22.17	23.50
	64QAM	1	0	22.15	22.11	22.12	23.50
		1	50	22.23	22.20	22.21	23.50
		1	99	22.24	22.18	22.25	23.50
		50	0	21.00	21.00	21.03	22.50
		50	25	21.14	21.16	21.15	22.50
		50	50	21.11	21.06	21.13	22.50
		100	0	21.11	21.10	21.16	22.50

LTE Band 42 DSI1				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				43115	43340	43565	
5MHz	QPSK	1	0	22.29	22.53	22.13	23.00
		1	13	22.16	22.17	21.81	23.00
		1	24	21.96	22.26	22.04	23.00
		12	0	21.95	22.44	21.98	23.00
		12	6	21.94	22.28	22.10	23.00
		12	13	22.14	22.07	22.01	23.00
		25	0	22.02	22.37	22.15	23.00
	16QAM	1	0	22.07	22.05	22.15	23.00
		1	13	22.30	22.16	22.24	23.00
		1	24	22.21	22.14	21.95	23.00
		12	0	22.02	22.29	21.88	23.00
		12	6	22.19	22.05	22.04	23.00
		12	13	22.10	22.09	21.87	23.00
		25	0	22.05	22.34	22.04	23.00
	64QAM	1	0	22.14	22.12	22.23	23.00
		1	13	22.12	22.28	22.05	23.00
		1	24	22.09	22.38	22.11	23.00
		12	0	21.20	21.18	21.21	22.50
12		6	21.37	21.33	21.36	22.50	

Bandwidth	Modulation	12	13	21.26	21.34	21.42	22.50
		25	0	21.33	21.29	21.33	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				43140	43340	43540	
10MHz	QPSK	1	0	22.34	22.56	22.10	23.00
		1	25	22.20	22.13	21.80	23.00
		1	49	21.96	22.19	21.96	23.00
		25	0	21.93	22.47	21.91	23.00
		25	13	21.98	22.26	22.07	23.00
		25	25	22.09	22.14	21.94	23.00
		50	0	21.93	22.34	22.13	23.00
	16QAM	1	0	22.00	22.14	22.14	23.00
		1	25	22.28	22.20	22.26	23.00
		1	49	22.23	22.14	22.01	23.00
		25	0	21.94	22.26	21.80	23.00
		25	13	22.09	21.99	22.12	23.00
		25	25	22.12	22.10	21.94	23.00
		50	0	21.96	22.21	22.10	23.00
	64QAM	1	0	22.03	22.14	22.14	23.00
		1	25	22.07	22.28	22.03	23.00
		1	49	22.08	22.40	22.03	23.00
		25	0	21.28	21.16	21.26	22.50
		25	13	21.31	21.44	21.39	22.50
		25	25	21.41	21.30	21.38	22.50
		50	0	21.32	21.27	21.31	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				43165	43340	43515	
15MHz	QPSK	1	0	22.20	22.52	22.17	23.00
		1	38	22.15	22.15	21.81	23.00
		1	74	22.01	22.22	21.95	23.00
		36	0	22.04	22.40	22.01	23.00
		36	18	22.00	22.17	22.17	23.00
		36	39	22.13	22.13	21.95	23.00
		75	0	21.92	22.29	22.07	23.00
	16QAM	1	0	22.02	22.13	22.12	23.00
		1	38	22.18	22.07	22.22	23.00
		1	74	22.18	22.02	21.91	23.00
		36	0	21.96	22.24	21.92	23.00
		36	18	22.21	22.05	22.11	23.00
		36	39	22.19	22.12	21.83	23.00

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				43190	43340	43490		
20MHz	64QAM	75	0	22.04	22.26	22.19	23.00	
		1	0	22.01	22.10	22.12	23.00	
		1	38	22.10	22.39	21.96	23.00	
		1	74	22.04	22.35	22.03	23.00	
		36	0	21.26	21.23	21.32	22.50	
		36	18	21.34	21.37	21.30	22.50	
		36	39	21.40	21.36	21.36	22.50	
		75	0	21.40	21.38	21.40	22.50	
	20MHz	QPSK	1	0	22.45	22.67	22.30	23.00
			1	50	22.34	22.37	21.98	23.00
			1	99	22.22	22.40	22.25	23.00
			50	0	22.12	22.57	22.12	23.00
			50	25	22.24	22.37	22.34	23.00
			50	50	22.25	22.24	22.12	23.00
			100	0	22.09	22.55	22.31	23.00
		16QAM	1	0	22.31	22.26	22.25	23.00
			1	50	22.41	22.32	22.35	23.00
			1	99	22.42	22.27	22.16	23.00
			50	0	22.15	22.47	22.08	23.00
			50	25	22.32	22.26	22.26	23.00
			50	50	22.39	22.37	22.13	23.00
			100	0	22.26	22.55	22.31	23.00
		64QAM	1	0	22.33	22.34	22.30	23.00
			1	50	22.29	22.55	22.17	23.00
			1	99	22.29	22.53	22.29	23.00
			50	0	21.44	21.37	21.42	22.50
			50	25	21.52	21.53	21.61	22.50
			50	50	21.56	21.46	21.50	22.50
100			0	21.57	21.53	21.61	22.50	

LTE Band 42 DSI4				Conducted Power(dBm)					
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up		
				43115	43340	43565			
5MHz	QPSK	1	0	22.56	22.86	22.40	23.50		
		1	13	22.57	22.63	22.31	23.50		
		1	24	22.35	22.67	22.43	23.50		
		12	0	22.41	22.69	22.50	23.50		
		12	6	22.46	22.59	22.47	23.50		
		12	13	22.47	22.55	22.42	23.50		
		25	0	22.34	22.61	22.46	23.50		
	16QAM	1	0	22.50	22.50	22.45	23.50		
		1	13	22.74	22.61	22.63	23.50		
		1	24	22.55	22.44	22.44	23.50		
		12	0	22.33	22.23	22.16	23.50		
		12	6	22.34	22.33	22.35	23.50		
		12	13	22.33	22.42	22.42	23.50		
		25	0	22.42	22.42	22.35	23.50		
	64QAM	1	0	22.43	22.27	22.28	23.50		
		1	13	22.41	22.39	22.42	23.50		
		1	24	22.40	22.39	22.53	23.50		
		12	0	21.28	21.24	21.24	22.50		
		12	6	21.42	21.36	21.32	22.50		
		12	13	21.38	21.24	21.28	22.50		
		25	0	21.36	21.38	21.46	22.50		
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up		
10MHz	QPSK	1	0	22.60	23.00	22.35	23.50		
		1	25	22.47	22.57	22.27	23.50		
		1	49	22.42	22.68	22.48	23.50		
		25	0	22.41	22.80	22.43	23.50		
		25	13	22.52	22.71	22.52	23.50		
		25	25	22.50	22.55	22.43	23.50		
		50	0	22.34	22.61	22.41	23.50		
	16QAM	1	0	22.44	22.40	22.49	23.50		
		1	25	22.79	22.56	22.63	23.50		
		1	49	22.56	22.50	22.34	23.50		
		25	0	22.34	22.21	22.28	23.50		
		25	13	22.28	22.39	22.46	23.50		
		25	25	22.33	22.38	22.44	23.50		
		Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
						43140	43340	43540	

		50	0	22.35	22.42	22.44	23.50	
	64QAM	1	0	22.44	22.31	22.41	23.50	
		1	25	22.39	22.50	22.39	23.50	
		1	49	22.51	22.40	22.50	23.50	
		25	0	21.19	21.24	21.21	22.50	
		25	13	21.34	21.39	21.45	22.50	
		25	25	21.35	21.23	21.31	22.50	
		50	0	21.36	21.35	21.42	22.50	
<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>
				43165	43340	43515		
<b>15MHz</b>	QPSK	1	0	22.49	22.91	22.49	23.50	
		1	38	22.49	22.62	22.28	23.50	
		1	74	22.45	22.61	22.35	23.50	
		36	0	22.46	22.75	22.44	23.50	
		36	18	22.46	22.72	22.45	23.50	
		36	39	22.49	22.55	22.44	23.50	
		75	0	22.42	22.54	22.33	23.50	
	16QAM	1	0	22.56	22.48	22.49	23.50	
		1	38	22.76	22.53	22.62	23.50	
		1	74	22.62	22.49	22.43	23.50	
		36	0	22.25	22.21	22.16	23.50	
		36	18	22.29	22.33	22.37	23.50	
		36	39	22.38	22.45	22.36	23.50	
		75	0	22.38	22.32	22.42	23.50	
	64QAM	1	0	22.41	22.32	22.36	23.50	
		1	38	22.49	22.40	22.39	23.50	
		1	74	22.49	22.42	22.43	23.50	
		36	0	21.21	21.17	21.32	22.50	
		36	18	21.43	21.37	21.37	22.50	
		36	39	21.33	21.33	21.43	22.50	
		75	0	21.40	21.36	21.39	22.50	
	<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>
					43190	43340	43490	
	<b>20MHz</b>	QPSK	1	0	22.62	23.02	22.49	23.50
1			50	22.50	22.62	22.23	23.50	
1			99	22.36	22.62	22.46	23.50	
50			0	22.38	22.71	22.44	23.50	
50			25	22.44	22.68	22.46	23.50	
50			50	22.51	22.45	22.35	23.50	
100			0	22.45	22.64	22.38	23.50	

	16QAM	1	0	22.57	22.37	22.51	23.50
		1	50	22.77	22.62	22.58	23.50
		1	99	22.52	22.46	22.41	23.50
		50	0	22.34	22.20	22.23	23.50
		50	25	22.38	22.37	22.44	23.50
		50	50	22.39	22.49	22.37	23.50
		100	0	22.34	22.38	22.35	23.50
	64QAM	1	0	22.44	22.33	22.39	23.50
		1	50	22.50	22.48	22.45	23.50
		1	99	22.52	22.47	22.48	23.50
		50	0	21.16	21.27	21.32	22.50
		50	25	21.30	21.45	21.38	22.50
		50	50	21.38	21.26	21.38	22.50
		100	0	21.31	21.28	21.41	22.50

## 5 Conducted Power of LTE Uplink CA

### 5.1 Conducted Power of LTE Uplink CA(Ant0)

CA_41C_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				
39750	39948	QPSK	1	0	0	0	1	0	23.22	25
40185	39987	QPSK	1	0	1	99	2	0	23.16	25
40620	40422	QPSK	1	0	1	99	2	0	23.27	25
41055	40857	QPSK	1	0	1	99	2	0	23.16	25
41490	41292	QPSK	1	0	1	99	2	0	23.17	25

CA_41C_DSI3&4										
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				
39750	39948	QPSK	1	0	0	0	1	0	20.24	22
40185	39987	QPSK	1	0	1	99	2	0	20.37	22
40620	40422	QPSK	1	0	1	99	2	0	20.46	22
41055	40857	QPSK	1	0	1	99	2	0	20.31	22
41490	41292	QPSK	1	0	1	99	2	0	20.08	22
39750	39948	QPSK	50	0	0	0	1	0	20.11	22
40185	39987	QPSK	50	0	1	49	2	0	20.3	22
40620	40422	QPSK	50	0	1	49	2	0	20.16	22
41055	40857	QPSK	50	0	1	49	2	0	20.34	22
41490	41292	QPSK	50	0	1	49	2	0	20.11	22

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

CA_42C_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				
43190	43388	QPSK	1	0	0	0	1	0	22.66	24
43340	43142	QPSK	1	0	1	99	2	0	22.78	24
43490	43292	QPSK	1	0	1	99	2	0	22.75	24

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

CA_41C_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				
39750	39948	QPSK	1	0	0	0	1	0	23.16	25
40185	39987	QPSK	1	0	1	99	2	0	23.11	25
40620	40422	QPSK	1	0	1	99	2	0	23.25	25
41055	40857	QPSK	1	0	1	99	2	0	23.23	25
41490	41292	QPSK	1	0	1	99	2	0	23.18	25

CA_41C_DSI1&4										
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				
39750	39948	QPSK	1	0	0	0	1	0	17.75	19
40185	39987	QPSK	1	0	1	99	2	0	17.96	19
40620	40422	QPSK	1	0	1	99	2	0	18.23	19
41055	40857	QPSK	1	0	1	99	2	0	17.86	19
41490	41292	QPSK	1	0	1	99	2	0	17.59	19
39750	39948	QPSK	50	0	0	0	1	0	17.69	19
40185	39987	QPSK	50	0	1	49	2	0	17.7	19
40620	40422	QPSK	50	0	1	49	2	0	17.96	19
41055	40857	QPSK	50	0	1	49	2	0	17.65	19
41490	41292	QPSK	50	0	1	49	2	0	17.43	19



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

CA_42C_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				
43190	43388	QPSK	1	0	0	0	1	0	24.12	25.5
43340	43142	QPSK	1	0	1	99	2	0	24.19	25.5
43490	43292	QPSK	1	0	1	99	2	0	24.16	25.5

CA_42C_DSI1										
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				
43190	43388	QPSK	1	0	0	0	1	0	22.43	23
43340	43142	QPSK	1	0	1	99	2	0	22.51	23
43490	43292	QPSK	1	0	1	99	2	0	22.26	23

CA_42C_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				
43190	43388	QPSK	1	0	0	0	1	0	22.61	23.5
43340	43142	QPSK	1	0	1	99	2	0	22.83	23.5
43490	43292	QPSK	1	0	1	99	2	0	22.42	23.5

## 6 Conducted Power of LTE Downlink CA

Configure	Ant	PCC								SCC1				SCC2				SCC3				Power	
		LTE	BW	UL	UL	Mod	UL	UL	LTE	BW	DL	DL	LTE	BW	DL	DL	LTE	BW	DL	DL	With CA	Without CA	
		Band	(MHz)	Freq	Chan		RB	RB	Offset	Band	(MHz)	Chan	Band	(MHz)	Chan	Band	(MHz)	Chan	Band	(MHz)	Chan	Tx Power	Tx Power
				(MHz)		(MHz)																	
CA_41C	0	Band 41	20M	259.3	4062.0	QP SK	1	0	Band 41	20M	257.3.2	4042.2									23.24	23.3	
CA_41C	4	Band 41	20M	259.3	4062.0	QP SK	1	0	Band 41	20M	257.3.2	4042.2									23.22	23.3	
CA_42C	3	Band 42	20M	357.5	4334.0	QP SK	1	0	Band 42	20M	355.5.2	4314.2									22.64	22.83	
CA_42C	5	Band 42	20M	357.5	4334.0	QP SK	1	0	Band 42	20M	355.5.2	4314.2									24.12	24.22	
CA_41A-42A	0	Band 41	20M	259.3	4062.0	QP SK	1	0	Band 42	20M	355.5.2	4314.2									23.21	23.3	
	3	Band 42	20M	357.5	4334.0	QP SK	1	0	Band 41	20M	257.3.2	4042.2									22.64	22.83	
CA_41A-42A	0	Band 41	20M	259.3	4062.0	QP SK	1	0	Band 42	20M	355.5.2	4314.2									23.12	23.3	
	5	Band 42	20M	357.5	4334.0	QP SK	1	0	Band 41	20M	257.3.2	4042.2									24.07	24.22	
CA_41A-42A	4	Band 41	20M	259.3	4062.0	QP SK	1	0	Band 42	20M	355.5.2	4314.2									23.14	23.3	
	3	Band 42	20M	357.5	4334.0	QP SK	1	0	Band 41	20M	257.3.2	4042.2									22.69	22.83	
CA_41A-42A	4	Band 41	20M	259.3	4062.0	QP SK	1	0	Band 42	20M	355.5.2	4314.2									23.15	23.3	
	5	Band 42	20M	357.5	4334.0	QP SK	1	0	Band 41	20M	257.3.2	4042.2									24.03	24.22	
CA_41A-42C	0	Band 41	20M	259.3	4062.0	QP SK	1	0	Band 42	20M	357.5	4334.0	Band 42	20M	355.5.2	4314.2					23.24	23.3	
	3	Band 42	20M	357.5	4334.0	QP SK	1	0	Band 42	20M	355.5.2	4314.2	Band 41	20M	259.3	4062.0					22.75	22.83	
CA_41A-42C	0	Band 41	20M	259.3	4062.0	QP SK	1	0	Band 42	20M	357.5	4334.0	Band 42	20M	355.5.2	4314.2					23.22	23.3	
	5	Band 42	20M	357.5	4334.0	QP SK	1	0	Band 42	20M	355.5.2	4314.2	Band 41	20M	259.3	4062.0					24.17	24.22	
CA_41A-42C	4	Band 41	20M	259.3	4062.0	QP SK	1	0	Band 42	20M	357.5	4334.0	Band 42	20M	355.5.2	4314.2					23.18	23.3	
	3	Band 42	20M	357.5	4334.0	QP SK	1	0	Band 42	20M	355.5.2	4314.2	Band 41	20M	259.3	4062.0					22.71	22.83	
CA_41A-42C	4	Band 41	20M	259.3	4062.0	QP SK	1	0	Band 42	20M	357.5	4334.0	Band 42	20M	355.5.2	4314.2					23.14	23.3	
	5	Band 42	20M	357.5	4334.0	QP SK	1	0	Band 42	20M	355.5.2	4314.2	Band 41	20M	259.3	4062.0					24.05	24.22	
CA_41C-42A	0	Band 41	20M	259.3	4062.0	QP SK	1	0	Band 41	20M	257.3.2	4042.2	Band 42	20M	355.5.2	4314.2					23.12	23.3	
	3	Band 42	20M	357.5	4334.0	QP SK	1	0	Band 41	20M	259.3	4062.0	Band 41	20M	257.3.2	4042.2					22.68	22.83	
CA_41C-42A	0	Band 41	20M	259.3	4062.0	QP SK	1	0	Band 41	20M	257.3.2	4042.2	Band 42	20M	355.5.2	4314.2					23.19	23.3	
	5	Band 42	20M	357.5	4334.0	QP SK	1	0	Band 41	20M	259.3	4062.0	Band 41	20M	257.3.2	4042.2					24.04	24.22	
CA_41C-42A	4	Band 41	20M	259.3	4062.0	QP SK	1	0	Band 41	20M	257.3.2	4042.2	Band 42	20M	355.5.2	4314.2					23.18	23.3	
	3	Band 42	20M	357.5	4334.0	QP SK	1	0	Band 41	20M	259.3	4062.0	Band 41	20M	257.3.2	4042.2					22.7	22.83	
CA_41C-42A	4	Band 41	20M	259.3	4062.0	QP SK	1	0	Band 41	20M	257.3.2	4042.2	Band 42	20M	355.5.2	4314.2					23.13	23.3	
	5	Band 42	20M	357.5	4334.0	QP SK	1	0	Band 41	20M	259.3	4062.0	Band 41	20M	257.3.2	4042.2					24.08	24.22	
CA_41C-42C	0	Band 41	20M	259.3	4062.0	QP SK	1	0	Band 41	20M	257.3.2	4042.2	Band 42	20M	357.5	4334.0	Band 42	20M	355.5.2	4314.2	23.15	23.3	
	3	Band 42	20M	357.5	4334.0	QP SK	1	0	Band 42	20M	355.5.2	4314.2	Band 41	20M	259.3	4062.0	Band 41	20M	257.3.2	4042.2	22.64	22.83	
CA_41C-42C	0	Band 41	20M	259.3	4062.0	QP SK	1	0	Band 41	20M	257.3.2	4042.2	Band 42	20M	357.5	4334.0	Band 42	20M	355.5.2	4314.2	23.16	23.3	
	5	Band 42	20M	357.5	4334.0	QP SK	1	0	Band 42	20M	355.5.2	4314.2	Band 41	20M	259.3	4062.0	Band 41	20M	257.3.2	4042.2	24.08	24.22	
CA_41C-42C	4	Band 41	20M	259.3	4062.0	QP SK	1	0	Band 41	20M	257.3.2	4042.2	Band 42	20M	357.5	4334.0	Band 42	20M	355.5.2	4314.2	23.17	23.3	
	3	Band 42	20M	357.5	4334.0	QP SK	1	0	Band 42	20M	355.5.2	4314.2	Band 41	20M	259.3	4062.0	Band 41	20M	257.3.2	4042.2	22.71	22.83	
CA_41C-42C	4	Band 41	20M	259.3	4062.0	QP SK	1	0	Band 41	20M	257.3.2	4042.2	Band 42	20M	357.5	4334.0	Band 42	20M	355.5.2	4314.2	23.14	23.3	

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	5	Band 42	20M	357 5	4334 0	QP SK	1	0	Band 42	20M	355 5.2	4314 2	Band 41	20M	259 3	4062 0	Band 41	20M	257 3.2	4042 2	24.11	24.22
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## 7 Conducted Power of NR Antenna

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

N41				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	23.98	23.99	24.04	25.00	
		1	137	23.99	24.04	24.00	25.00	
		1	271	23.56	23.57	23.65	25.00	
		135	0	23.04	22.97	23.09	24.00	
		135	69	24.03	24.02	24.04	25.00	
		135	138	23.01	22.94	23.08	24.00	
	DFT-s-OFDM QPSK	1	1	24.22	24.15	24.15	25.00	
		1	137	24.11	24.02	24.12	25.00	
		1	271	23.68	23.59	23.64	25.00	
		135	0	23.03	22.92	23.05	24.00	
		135	69	24.13	24.25	24.24	25.00	
		135	138	22.91	22.99	23.01	24.00	
	DFT-s-OFDM 16QAM	1	1	23.18	23.13	23.20	24.00	
	DFT-s-OFDM 64QAM	1	1	22.09	22.08	22.10	22.50	
	DFT-s-OFDM 256QAM	1	1	20.27	20.10	20.14	20.50	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					509202	518598	528000	
	<b>100MHz</b>	CP-OFDM QPSK	1	1	22.10	22.17	22.15	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				508200	518598	528996		
<b>90MHz</b>	DFT-s-OFDM QPSK	1	1	24.04	24.09	24.04	25.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				507204	518598	529998		
<b>80MHz</b>	DFT-s-OFDM QPSK	1	1	24.02	24.15	24.02	25.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				505200	518598	531996		
<b>60MHz</b>	DFT-s-OFDM QPSK	1	1	24.00	24.10	24.03	25.00	

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				504204	518598	532998	
<b>50MHz</b>	DFT-s-OFDM QPSK	1	1	23.98	24.07	24.00	25.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				503202	518598	534000	
<b>40MHz</b>	DFT-s-OFDM QPSK	1	1	24.09	24.06	24.05	25.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				502200	518598	534996	
<b>30MHz</b>	DFT-s-OFDM QPSK	1	1	24.02	24.11	24.10	25.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				501204	518598	535998	
<b>20MHz</b>	DFT-s-OFDM QPSK	1	1	24.02	24.15	24.01	25.00

N41 DSI3&4				Conducted Power(dBm)			
SCS 30kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				509202	518598	528000	
				2546.01	2592.99	2640	
<b>100MHz</b>	DFT-s-OFDM PI/2 BPSK	1	1	20.15	20.19	20.00	21.00
		1	137	20.14	20.24	20.05	21.00
		1	271	20.16	20.30	20.03	21.00
		135	0	20.07	20.17	20.01	21.00
		135	69	20.24	20.10	19.99	21.00
		135	138	20.12	20.21	20.07	21.00
	DFT-s-OFDM QPSK	270	0	20.20	20.07	20.08	21.00
		1	1	20.26	20.25	20.13	21.00
		1	137	20.23	20.21	20.26	21.00
		1	271	20.14	20.27	19.98	21.00
		135	0	20.24	20.19	20.06	21.00
		135	69	20.21	20.36	20.19	21.00
	DFT-s-OFDM 16QAM	135	138	20.17	20.10	20.08	21.00
		270	0	20.28	20.23	20.11	21.00
		1	1	20.16	20.21	20.10	21.00
		1	1	20.09	20.15	20.00	21.00
DFT-s-OFDM 256QAM	1	1	20.24	20.17	20.21	20.50	

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				509202	518598	528000	
<b>100MHz</b>	CP-OFDM QPSK	1	1	20.25	20.07	20.02	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				508200	518598	528996	
<b>90MHz</b>	DFT-s-OFDM QPSK	1	1	20.22	20.18	20.05	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				507204	518598	529998	
<b>80MHz</b>	DFT-s-OFDM QPSK	1	1	20.18	20.18	20.01	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				505200	518598	531996	
<b>60MHz</b>	DFT-s-OFDM QPSK	1	1	20.11	20.08	20.06	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				504204	518598	532998	
<b>50MHz</b>	DFT-s-OFDM QPSK	1	1	20.15	20.15	20.11	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				503202	518598	534000	
<b>40MHz</b>	DFT-s-OFDM QPSK	1	1	20.18	20.10	19.99	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				502200	518598	534996	
<b>30MHz</b>	DFT-s-OFDM QPSK	1	1	20.11	20.13	20.02	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				501204	518598	535998	
<b>20MHz</b>	DFT-s-OFDM QPSK	1	1	20.17	20.19	19.96	21.00

## 7.2 Conducted Power of NR Antenna (Ant3)

N77				Conducted Power(dBm)				
SCS 30kHz(3450~3550)								
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				/	633334	/		
				/	3500	/		
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	23.22	/	24.00	
		1	137	/	23.21	/	24.00	
		1	271	/	23.31	/	24.00	
		135	0	/	22.71	/	23.50	
		135	69	/	23.28	/	24.00	
		135	138	/	22.87	/	23.50	
		270	0	/	22.64	/	23.50	
	DFT-s-OFDM QPSK	1	1	/	23.48	/	24.00	
		1	137	/	23.42	/	24.00	
		1	271	/	23.22	/	24.00	
		135	0	/	22.30	/	23.00	
		135	69	/	23.58	/	24.00	
		135	138	/	22.43	/	23.00	
			270	0	/	22.36	/	23.00
		DFT-s-OFDM 16QAM	1	1	/	22.59	/	23.00
	DFT-s-OFDM 64QAM	1	1	/	20.85	/	21.50	
	DFT-s-OFDM 256QAM	1	1	/	18.58	/	19.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				/	633334	/		
100MHz	CP-OFDM QPSK	1	1	/	20.82	/	21.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				633000	633334	633668		
90MHz	DFT-s-OFDM QPSK	1	1	23.13	23.05	23.10	24.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				632668	633334	634000		
80MHz	DFT-s-OFDM QPSK	1	1	23.06	23.07	23.06	24.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				632000	633334	634668		
60MHz	DFT-s-OFDM QPSK	1	1	23.07	23.05	23.10	24.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				631668	633334	635000		
50MHz	DFT-s-OFDM QPSK	1	1	23.10	23.04	23.13	24.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				631334	633334	635334		
40MHz	DFT-s-OFDM QPSK	1	1	23.10	23.13	23.12	24.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	

				631002	633334	635666	
<b>30MHz</b>	DFT-s-OFDM QPSK	1	1	23.03	23.14	23.09	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	23.11	23.05	23.05	24.00

N77 DSI1&4				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	/	19.45	/	20.00
		1	137	/	19.49	/	20.00
		1	271	/	19.44	/	20.00
		135	0	/	19.49	/	20.00
		135	69	/	19.44	/	20.00
		135	138	/	19.46	/	20.00
	DFT-s-OFDM QPSK	270	0	/	19.45	/	20.00
		1	1	/	19.50	/	20.00
		1	137	/	19.48	/	20.00
		1	271	/	19.49	/	20.00
		135	0	/	19.45	/	20.00
		135	69	/	19.56	/	20.00
	DFT-s-OFDM 16QAM	135	138	/	19.51	/	20.00
		270	0	/	19.49	/	20.00
	DFT-s-OFDM 64QAM	1	1	/	19.38	/	20.00
	DFT-s-OFDM 256QAM	1	1	/	19.49	/	20.00
DFT-s-OFDM 256QAM	1	1	/	18.54	/	19.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
<b>100MHz</b>	CP-OFDM QPSK	1	1	/	19.57	/	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				633000	633334	633668	
<b>90MHz</b>	DFT-s-OFDM QPSK	1	1	19.14	19.21	19.16	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632668	633334	634000	
<b>80MHz</b>	DFT-s-OFDM QPSK	1	1	19.23	19.20	19.15	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	
<b>60MHz</b>	DFT-s-OFDM QPSK	1	1	19.25	19.24	19.18	20.00



Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631668	633334	635000	
<b>50MHz</b>	DFT-s-OFDM QPSK	1	1	19.24	19.13	19.13	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
<b>40MHz</b>	DFT-s-OFDM QPSK	1	1	19.26	19.23	19.18	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631002	633334	635666	
<b>30MHz</b>	DFT-s-OFDM QPSK	1	1	19.15	19.26	19.19	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
<b>20MHz</b>	DFT-s-OFDM QPSK	1	1	19.14	19.15	19.28	20.00

N77				Conducted Power(dBm)				
SCS 30kHz(3700~3980)								
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				650000	656000	662000		
				3750.00	3840.00	3930.00		
<b>100MHz</b>	DFT-s-OFDM PI/2 BPSK	1	1	23.34	23.26	23.09	24.00	
		1	137	23.26	23.29	23.09	24.00	
		1	271	23.33	23.32	23.23	24.00	
		135	0	22.75	22.72	22.56	23.50	
		135	69	23.46	23.41	23.34	24.00	
		135	138	23.01	23.08	22.87	23.50	
	DFT-s-OFDM QPSK	270	0	22.85	22.89	22.65	23.50	
		1	1	23.45	23.51	23.23	24.00	
		1	137	23.40	23.40	23.19	24.00	
		1	271	23.32	23.27	23.21	24.00	
		135	0	22.49	22.42	22.28	23.00	
		135	69	23.45	23.57	<b>23.35</b>	24.00	
	DFT-s-OFDM 16QAM	135	138	22.41	22.49	22.17	23.00	
		270	0	22.49	22.56	22.23	23.00	
		DFT-s-OFDM 16QAM	1	1	22.57	22.70	22.41	23.00
		DFT-s-OFDM 64QAM	1	1	20.90	20.96	20.77	21.50
DFT-s-OFDM 256QAM	1	1	18.71	18.73	18.41	19.50		
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				650000	656000	662000		
<b>100MHz</b>	CP-OFDM QPSK	1	1	20.91	20.79	20.84	21.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				649666	656000	662334		
<b>90MHz</b>	DFT-s-OFDM QPSK	1	1	23.11	23.04	23.06	24.00	



Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649334	656000	662666	
80MHz	DFT-s-OFDM QPSK	1	1	23.06	23.03	23.12	24.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648668	656000	663332	
60MHz	DFT-s-OFDM QPSK	1	1	23.12	23.10	23.11	24.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648332	656000	663668	
50MHz	DFT-s-OFDM QPSK	1	1	23.06	23.04	23.05	24.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648000	656000	664000	
40MHz	DFT-s-OFDM QPSK	1	1	23.06	23.04	23.05	24.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647668	656000	664332	
30MHz	DFT-s-OFDM QPSK	1	1	23.05	23.12	23.14	24.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647334	656000	664666	
20MHz	DFT-s-OFDM QPSK	1	1	23.08	23.11	23.06	24.00

N77 DSI1&4				Conducted Power(dBm)			
SCS 30kHz(3700~3980)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				650000	656000	662000	
				3750.00	3840.00	3930.00	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	19.38	19.42	19.42	20.00
		1	137	19.37	19.38	19.46	20.00
		1	271	19.30	19.36	19.40	20.00
		135	0	19.42	19.36	19.40	20.00
		135	69	19.44	19.41	19.36	20.00
		135	138	19.43	19.41	19.43	20.00
		270	0	19.38	19.32	19.44	20.00
	DFT-s-OFDM QPSK	1	1	19.49	19.50	19.50	20.00
		1	137	19.37	19.36	19.41	20.00
		1	271	19.49	19.38	19.45	20.00
		135	0	19.41	19.32	19.37	20.00
		135	69	19.50	19.51	<b>19.49</b>	20.00
		135	138	19.36	19.42	19.41	20.00
		270	0	19.48	19.46	19.44	20.00
	DFT-s-OFDM 16QAM	1	1	19.29	19.26	19.23	20.00
DFT-s-OFDM 64QAM	1	1	19.35	19.44	19.46	20.00	
DFT-s-OFDM 256QAM	1	1	18.49	18.47	18.51	19.50	

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				650000	656000	662000	
100MHz	CP-OFDM QPSK	1	1	19.36	19.37	19.32	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649666	656000	662334	
90MHz	DFT-s-OFDM QPSK	1	1	19.42	19.36	19.44	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649334	656000	662666	
80MHz	DFT-s-OFDM QPSK	1	1	19.41	19.39	19.43	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648668	656000	663332	
60MHz	DFT-s-OFDM QPSK	1	1	19.42	19.35	19.40	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648332	656000	663668	
50MHz	DFT-s-OFDM QPSK	1	1	19.40	19.43	19.35	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648000	656000	664000	
40MHz	DFT-s-OFDM QPSK	1	1	19.44	19.38	19.41	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647668	656000	664332	
30MHz	DFT-s-OFDM QPSK	1	1	19.38	19.36	19.32	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647334	656000	664666	
20MHz	DFT-s-OFDM QPSK	1	1	19.34	19.34	19.32	20.00

N78				Conducted Power(dBm)				
SCS 30kHz(3450~3550)								
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				/	633334	/		
				/	3500	/		
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	23.30	/	24.00	
		1	137	/	23.31	/	24.00	
		1	271	/	23.40	/	24.00	
		135	0	/	22.64	/	23.50	
		135	69	/	23.39	/	24.00	
		135	138	/	23.06	/	23.50	
			270	0	/	22.87	/	23.50
		DFT-s-OFDM QPSK	1	1	/	23.46	/	24.00
			1	137	/	23.45	/	24.00
			1	271	/	23.27	/	24.00
	135		0	/	22.42	/	23.00	

		135	69	/	23.48	/	24.00
		135	138	/	22.45	/	23.00
		270	0	/	22.38	/	23.00
	DFT-s-OFDM 16QAM	1	1	/	22.69	/	23.00
	DFT-s-OFDM 64QAM	1	1	/	20.93	/	21.50
	DFT-s-OFDM 256QAM	1	1	/	18.70	/	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
<b>100MHz</b>	CP-OFDM QPSK	1	1	/	20.80	/	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	23.12	23.05	23.09	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	23.12	23.05	23.09	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	23.04	23.13	23.12	24.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631666	633334	635002	
<b>50MHz</b>	DFT-s-OFDM QPSK	1	1	23.07	23.09	23.13	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	23.07	23.09	23.13	24.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631000	633334	635668	
<b>30MHz</b>	DFT-s-OFDM QPSK	1	1	23.11	23.05	23.05	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	23.03	23.10	23.14	24.00

N78 DS1&4				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	19.38	/	20.00
		1	137	/	19.45	/	20.00
		1	271	/	19.32	/	20.00
		135	0	/	19.38	/	20.00
		135	69	/	19.31	/	20.00
		135	138	/	19.42	/	20.00
	DFT-s-OFDM QPSK	1	1	/	19.49	/	20.00
		1	137	/	19.34	/	20.00
		1	271	/	19.44	/	20.00
		135	0	/	19.39	/	20.00
		135	69	/	19.50	/	20.00
		135	138	/	19.37	/	20.00
	DFT-s-OFDM 16QAM	1	1	/	19.29	/	20.00
		1	1	/	19.48	/	20.00
		1	1	/	18.49	/	19.50
		1	1	/	18.49	/	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1	/	19.30	/	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				633000	633334	633668	
90MHz	DFT-s-OFDM QPSK	1	1	19.42	19.33	19.39	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632668	633334	634000	
80MHz	DFT-s-OFDM QPSK	1	1	19.39	19.37	19.38	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	
60MHz	DFT-s-OFDM QPSK	1	1	19.31	19.30	19.37	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631666	633334	635002	
50MHz	DFT-s-OFDM QPSK	1	1	19.34	19.30	19.36	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
40MHz	DFT-s-OFDM QPSK	1	1	19.37	19.32	19.41	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631000	633334	635668	



<b>30MHz</b>	DFT-s-OFDM QPSK	1	1	19.45	19.33	19.43	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
<b>20MHz</b>	DFT-s-OFDM QPSK	1	1	19.34	19.35	19.40	20.00

N78				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	/	23.28	/	24.00
		1	137	/	23.38	/	24.00
		1	271	/	23.38	/	24.00
		135	0	/	22.72	/	23.50
		135	69	/	23.42	/	24.00
		135	138	/	23.11	/	23.50
		270	0	/	22.88	/	23.50
	DFT-s-OFDM QPSK	1	1	/	23.50	/	24.00
		1	137	/	23.41	/	24.00
		1	271	/	23.25	/	24.00
		135	0	/	22.45	/	23.00
		135	69	/	23.52	/	24.00
		135	138	/	22.49	/	23.00
	DFT-s-OFDM 16QAM	1	1	/	22.66	/	23.00
		1	1	/	20.93	/	21.50
		1	1	/	18.76	/	19.50
		1	1	/	18.76	/	19.50
	DFT-s-OFDM 256QAM	1	1	/	18.76	/	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
<b>100MHz</b>	CP-OFDM QPSK	1	1	/	20.83	/	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649668	650000	650334	
<b>90MHz</b>	DFT-s-OFDM QPSK	1	1	23.13	23.06	23.06	24.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649334	650000	650668	
<b>80MHz</b>	DFT-s-OFDM QPSK	1	1	23.03	23.02	23.10	24.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648668	650000	651334	

<b>60MHz</b>	DFT-s-OFDM QPSK	1	1	23.05	23.10	23.07	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	23.07	23.04	23.08	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	23.10	23.13	23.15	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	23.05	23.10	23.09	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	23.06	23.13	23.06	24.00

N78 DS11&4				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	/	19.39	/	20.00
		1	137	/	19.45	/	20.00
		1	271	/	19.34	/	20.00
		135	0	/	19.37	/	20.00
		135	69	/	19.43	/	20.00
		135	138	/	19.38	/	20.00
	DFT-s-OFDM QPSK	270	0	/	19.42	/	20.00
		1	1	/	19.44	/	20.00
		1	137	/	19.40	/	20.00
		1	271	/	19.44	/	20.00
		135	0	/	19.41	/	20.00
		135	69	/	19.49	/	20.00
	DFT-s-OFDM 16QAM	135	138	/	19.48	/	20.00
		270	0	/	19.48	/	20.00
		1	1	/	19.35	/	20.00
DFT-s-OFDM 64QAM	1	1	/	19.46	/	20.00	
DFT-s-OFDM 256QAM	1	1	/	18.44	/	19.50	
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 650000	Channel /	Tune up



<b>100MHz</b>	CP-OFDM QPSK	1	1	/	19.33	/	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649668	650000	650334	
<b>90MHz</b>	DFT-s-OFDM QPSK	1	1	19.38	19.32	19.40	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649334	650000	650668	
<b>80MHz</b>	DFT-s-OFDM QPSK	1	1	19.41	19.41	19.37	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648668	650000	651334	
<b>60MHz</b>	DFT-s-OFDM QPSK	1	1	19.41	19.39	19.37	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648334	650000	651668	
<b>50MHz</b>	DFT-s-OFDM QPSK	1	1	19.38	19.32	19.45	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648000	650000	652000	
<b>40MHz</b>	DFT-s-OFDM QPSK	1	1	19.42	19.45	19.36	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647668	650000	652334	
<b>30MHz</b>	DFT-s-OFDM QPSK	1	1	19.46	19.37	19.44	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647334	650000	652668	
<b>20MHz</b>	DFT-s-OFDM QPSK	1	1	19.37	19.37	19.43	20.00





				504204	518598	532998	
<b>50MHz</b>	DFT-s-OFDM QPSK	1	1	23.91	23.93	23.94	25.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				503202	518598	534000	
<b>40MHz</b>	DFT-s-OFDM QPSK	1	1	23.88	23.96	23.97	25.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				502200	518598	534996	
<b>30MHz</b>	DFT-s-OFDM QPSK	1	1	23.98	23.95	23.94	25.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				501204	518598	535998	
<b>20MHz</b>	DFT-s-OFDM QPSK	1	1	23.89	24.03	23.90	25.00

N41 DSI1				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	18.53	18.49	18.38	19.00	
		1	137	18.55	18.41	18.31	19.00	
		1	271	18.47	18.51	18.37	19.00	
		135	0	18.53	18.44	18.31	19.00	
		135	69	18.37	18.44	18.24	19.00	
		135	138	18.52	18.46	18.36	19.00	
		270	0	18.41	18.48	18.35	19.00	
	DFT-s-OFDM QPSK	1	1	18.58	18.48	18.46	19.00	
		1	137	18.54	18.42	18.43	19.00	
		1	271	18.43	18.51	18.36	19.00	
		135	0	18.48	18.49	18.33	19.00	
		135	69	18.53	18.58	18.48	19.00	
		135	138	18.45	18.57	18.26	19.00	
		270	0	18.38	18.40	18.42	19.00	
	DFT-s-OFDM 16QAM	1	1	18.49	18.58	18.32	19.00	
	DFT-s-OFDM 64QAM	1	1	18.42	18.47	18.44	19.00	
	DFT-s-OFDM 256QAM	1	1	18.44	18.53	18.28	19.00	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up



				509202	518598	528000	
<b>100MHz</b>	CP-OFDM QPSK	1	1	18.42	18.44	18.27	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				508200	518598	528996	
<b>90MHz</b>	DFT-s-OFDM QPSK	1	1	18.53	18.43	18.32	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				507204	518598	529998	
<b>80MHz</b>	DFT-s-OFDM QPSK	1	1	18.54	18.45	18.36	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				505200	518598	531996	
<b>60MHz</b>	DFT-s-OFDM QPSK	1	1	18.53	18.50	18.34	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				504204	518598	532998	
<b>50MHz</b>	DFT-s-OFDM QPSK	1	1	18.56	18.40	18.21	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				503202	518598	534000	
<b>40MHz</b>	DFT-s-OFDM QPSK	1	1	18.45	18.39	18.28	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				502200	518598	534996	
<b>30MHz</b>	DFT-s-OFDM QPSK	1	1	18.57	18.37	18.28	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				501204	518598	535998	
<b>20MHz</b>	DFT-s-OFDM QPSK	1	1	18.49	18.41	18.24	19.00

N41 DSI4				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	17.75	17.77	17.71	18.00
		1	137	17.74	17.84	17.67	18.00
		1	271	17.77	17.75	17.55	18.00
		135	0	17.70	17.78	17.55	18.00
		135	69	17.73	17.89	17.62	18.00
		135	138	17.68	17.81	17.70	18.00
	DFT-s-OFDM QPSK	270	0	17.76	17.76	17.64	18.00
		1	1	17.83	17.62	17.76	18.00
		1	137	17.91	17.78	17.83	18.00
		1	271	17.79	17.79	17.57	18.00
		135	0	17.76	17.86	17.72	18.00
		135	69	17.79	17.96	17.75	18.00
	DFT-s-OFDM 16QAM	135	138	17.75	17.72	17.66	18.00
		270	0	17.86	17.80	17.56	18.00
		1	1	17.68	17.79	17.58	18.00
	DFT-s-OFDM 64QAM	1	1	17.77	17.75	17.66	18.00
	DFT-s-OFDM 256QAM	1	1	17.75	17.80	17.69	18.00
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				509202	518598	528000	
<b>100MHz</b>	CP-OFDM QPSK	1	1	17.81	17.69	17.58	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				508200	518598	528996	
<b>90MHz</b>	DFT-s-OFDM QPSK	1	1	17.84	17.73	17.63	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				507204	518598	529998	
<b>80MHz</b>	DFT-s-OFDM QPSK	1	1	17.83	17.76	17.56	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				505200	518598	531996	
<b>60MHz</b>	DFT-s-OFDM QPSK	1	1	17.85	17.70	17.65	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				504204	518598	532998	



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<b>50MHz</b>	DFT-s-OFDM QPSK	1	1	17.75	17.66	17.53	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				503202	518598	534000	
<b>40MHz</b>	DFT-s-OFDM QPSK	1	1	17.80	17.71	17.60	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				502200	518598	534996	
<b>30MHz</b>	DFT-s-OFDM QPSK	1	1	17.84	17.67	17.68	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				501204	518598	535998	
<b>20MHz</b>	DFT-s-OFDM QPSK	1	1	17.85	17.67	17.67	18.00

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

N77				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	24.77	/	25.50
		1	137	/	24.78	/	25.50
		1	271	/	24.80	/	25.50
		135	0	/	24.18	/	25.00
		135	69	/	24.76	/	25.50
		135	138	/	24.52	/	25.00
	DFT-s-OFDM QPSK	270	0	/	24.18	/	25.00
		1	1	/	24.91	/	25.50
		1	137	/	24.90	/	25.50
		1	271	/	24.71	/	25.50
		135	0	/	23.79	/	24.50
		135	69	/	24.95	/	25.50
	DFT-s-OFDM 16QAM	135	138	/	23.91	/	24.50
		270	0	/	23.79	/	24.50
		1	1	/	24.00	/	24.50
	DFT-s-OFDM 64QAM	1	1	/	22.30	/	23.00
DFT-s-OFDM 256QAM	1	1	/	19.99	/	21.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1	/	22.02	/	23.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632668	633334	634000	
80MHz	DFT-s-OFDM QPSK	1	1	24.28	24.27	24.31	25.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	
60MHz	DFT-s-OFDM QPSK	1	1	24.28	24.29	24.29	25.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
40MHz	DFT-s-OFDM QPSK	1	1	24.34	24.28	24.35	25.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631002	633334	635666	
30MHz	DFT-s-OFDM QPSK	1	1	24.24	24.26	24.31	25.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	24.35	24.31	24.27	25.50

N77 DSI1				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	/	17.24	/	18.00	
		1	137	/	17.31	/	18.00	
		1	271	/	17.24	/	18.00	
		135	0	/	17.37	/	18.00	
		135	69	/	17.27	/	18.00	
		135	138	/	17.24	/	18.00	
		270	0	/	17.28	/	18.00	
	DFT-s-OFDM QPSK	1	1	/	17.27	/	18.00	
		1	137	/	17.35	/	18.00	
		1	271	/	17.35	/	18.00	
		135	0	/	17.21	/	18.00	
		135	69	/	17.36	/	18.00	
		135	138	/	17.32	/	18.00	
			270	0	/	17.32	/	18.00
		DFT-s-OFDM 16QAM	1	1	/	17.19	/	18.00
	DFT-s-OFDM 64QAM	1	1	/	17.33	/	18.00	
	DFT-s-OFDM 256QAM	1	1	/	17.24	/	18.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				/	633334	/		
<b>100MHz</b>	CP-OFDM QPSK	1	1	/	17.22	/	18.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				632668	633334	634000		
<b>80MHz</b>	DFT-s-OFDM QPSK	1	1	17.24	17.32	17.22	18.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				632000	633334	634668		
<b>60MHz</b>	DFT-s-OFDM QPSK	1	1	17.29	17.34	17.30	18.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				631334	633334	635334		
<b>40MHz</b>	DFT-s-OFDM QPSK	1	1	17.25	17.28	17.34	18.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				631002	633334	635666		
<b>30MHz</b>	DFT-s-OFDM QPSK	1	1	17.29	17.20	17.29	18.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				630668	633334	636000		
<b>20MHz</b>	DFT-s-OFDM QPSK	1	1	17.28	17.21	17.35	18.00	

N77 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	/	19.81	/	20.50	
		1	137	/	19.87	/	20.50	
		1	271	/	19.73	/	20.50	
		135	0	/	19.81	/	20.50	
		135	69	/	19.77	/	20.50	
		135	138	/	19.78	/	20.50	
	DFT-s-OFDM QPSK	270	0	/	19.80	/	20.50	
		1	1	/	19.81	/	20.50	
		1	137	/	19.75	/	20.50	
		1	271	/	19.81	/	20.50	
		135	0	/	19.75	/	20.50	
		135	69	/	19.92	/	20.50	
	DFT-s-OFDM 16QAM	135	138	/	19.91	/	20.50	
		270	0	/	19.75	/	20.50	
		DFT-s-OFDM 64QAM	1	1	/	19.64	/	20.50
		DFT-s-OFDM 256QAM	1	1	/	19.83	/	20.50
DFT-s-OFDM 256QAM	1	1	/	19.84	/	20.50		
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				/	633334	/		
<b>100MHz</b>	CP-OFDM QPSK	1	1	/	19.84	/	20.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				632668	633334	634000		
<b>80MHz</b>	DFT-s-OFDM QPSK	1	1	19.78	19.77	19.83	20.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				632000	633334	634668		
<b>60MHz</b>	DFT-s-OFDM QPSK	1	1	19.82	19.70	19.77	20.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				631334	633334	635334		
<b>40MHz</b>	DFT-s-OFDM QPSK	1	1	19.75	19.81	19.71	20.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				631002	633334	635666		
<b>30MHz</b>	DFT-s-OFDM QPSK	1	1	19.77	19.83	19.83	20.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				630668	633334	636000		
<b>20MHz</b>	DFT-s-OFDM QPSK	1	1	19.78	19.72	19.78	20.50	



N77				Conducted Power(dBm)			
SCS 30kHz(3700~3980)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				650000	656000	662000	
				3750.00	3840.00	3930.00	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	24.71	24.72	24.74	25.50
		1	137	24.71	24.69	24.68	25.50
		1	271	24.72	24.72	24.74	25.50
		135	0	24.05	24.11	24.17	25.00
		135	69	24.81	24.71	24.86	25.50
		135	138	24.42	24.53	24.38	25.00
	DFT-s-OFDM QPSK	270	0	24.28	24.21	24.26	25.00
		1	1	24.87	24.92	24.83	25.50
		1	137	24.72	24.89	24.75	25.50
		1	271	24.64	24.63	24.70	25.50
		135	0	23.83	23.82	23.85	24.50
		135	69	25.04	25.06	<b>24.98</b>	25.50
	DFT-s-OFDM 16QAM	135	138	23.88	23.91	23.85	24.50
		270	0	23.75	23.82	23.79	24.50
		1	1	23.98	24.09	23.95	24.50
		1	1	22.35	22.29	22.40	23.00
		1	1	20.09	20.06	20.05	21.00
		DFT-s-OFDM 256QAM	1	1	20.09	20.06	20.05
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
100MHz	CP-OFDM QPSK	1	1	650000	656000	662000	23.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
90MHz	DFT-s-OFDM QPSK	1	1	649666	656000	662334	25.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
80MHz	DFT-s-OFDM QPSK	1	1	649334	656000	662666	25.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
60MHz	DFT-s-OFDM QPSK	1	1	648668	656000	663332	25.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
50MHz	DFT-s-OFDM QPSK	1	1	648332	656000	663668	25.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
40MHz	DFT-s-OFDM QPSK	1	1	648000	656000	664000	25.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647668	656000	664332	

<b>30MHz</b>	DFT-s-OFDM QPSK	1	1	24.23	24.22	24.40	25.50
<b>Bandwidth</b>	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647334	656000	664666	
<b>20MHz</b>	DFT-s-OFDM QPSK	1	1	24.25	24.27	24.38	25.50

N77 DS11				Conducted Power(dBm)			
SCS 30kHz(3700~3980)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				650000	656000	662000	
				3750.00	3840.00	3930.00	
<b>100MHz</b>	DFT-s-OFDM PI/2 BPSK	1	1	17.26	17.32	17.34	18.00
		1	137	17.38	17.25	17.26	18.00
		1	271	17.24	17.20	17.27	18.00
		135	0	17.30	17.35	17.27	18.00
		135	69	17.26	17.32	17.22	18.00
		135	138	17.33	17.23	17.26	18.00
	DFT-s-OFDM QPSK	270	0	17.29	17.22	17.28	18.00
		1	1	17.34	17.35	17.29	18.00
		1	137	17.34	17.35	17.30	18.00
		1	271	17.35	17.25	17.35	18.00
		135	0	17.23	17.29	17.31	18.00
		135	69	17.37	17.44	<b>17.39</b>	18.00
	DFT-s-OFDM 16QAM	135	138	17.36	17.33	17.35	18.00
		270	0	17.29	17.32	17.29	18.00
		1	1	17.16	17.20	17.26	18.00
	DFT-s-OFDM 64QAM	1	1	17.33	17.26	17.27	18.00
	DFT-s-OFDM 256QAM	1	1	17.26	17.37	17.25	18.00
	<b>Bandwidth</b>	Modulation	RB size	RB offset	Channel	Channel	Channel
				650000	656000	662000	
<b>100MHz</b>	CP-OFDM QPSK	1	1	17.31	17.20	17.33	18.00
<b>Bandwidth</b>	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649666	656000	662334	
<b>90MHz</b>	DFT-s-OFDM QPSK	1	1	17.29	17.23	17.24	18.00
<b>Bandwidth</b>	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649334	656000	662666	
<b>80MHz</b>	DFT-s-OFDM QPSK	1	1	17.22	17.32	17.23	18.00
<b>Bandwidth</b>	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648668	656000	663332	
<b>60MHz</b>	DFT-s-OFDM QPSK	1	1	17.31	17.28	17.30	18.00
<b>Bandwidth</b>	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648332	656000	663668	

<b>50MHz</b>	DFT-s-OFDM QPSK	1	1	17.20	17.29	17.22	18.00
<b>Bandwidth</b>	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648000	656000	664000	
<b>40MHz</b>	DFT-s-OFDM QPSK	1	1	17.30	17.34	17.24	18.00
<b>Bandwidth</b>	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647668	656000	664332	
<b>30MHz</b>	DFT-s-OFDM QPSK	1	1	17.31	17.25	17.23	18.00
<b>Bandwidth</b>	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647334	656000	664666	
<b>20MHz</b>	DFT-s-OFDM QPSK	1	1	17.28	17.27	17.27	18.00

N77 DSI4				Conducted Power(dBm)				
SCS 30kHz(3700~3980)								
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				650000	656000	662000		
				3750.00	3840.00	3930.00		
<b>100MHz</b>	DFT-s-OFDM PI/2 BPSK	1	1	19.73	19.71	19.77	20.50	
		1	137	19.81	19.87	19.87	20.50	
		1	271	19.78	19.73	19.80	20.50	
		135	0	19.83	19.87	19.79	20.50	
		135	69	19.75	19.73	19.84	20.50	
		135	138	19.76	19.83	19.83	20.50	
	DFT-s-OFDM QPSK	270	0	19.84	19.81	19.78	20.50	
		1	1	19.83	19.91	19.90	20.50	
		1	137	19.79	19.84	19.84	20.50	
		1	271	19.80	19.78	19.82	20.50	
		135	0	19.76	19.73	19.75	20.50	
		135	69	19.83	19.93	<b>19.88</b>	20.50	
	DFT-s-OFDM 16QAM	135	138	19.80	19.79	19.78	20.50	
		270	0	19.81	19.86	19.83	20.50	
		DFT-s-OFDM 16QAM	1	1	19.76	19.78	19.77	20.50
		DFT-s-OFDM 64QAM	1	1	19.74	19.82	19.88	20.50
DFT-s-OFDM 256QAM	1	1	19.76	19.77	19.85	20.50		
<b>Bandwidth</b>	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				650000	656000	662000		
<b>100MHz</b>	CP-OFDM QPSK	1	1	19.82	19.82	19.74	20.50	
<b>Bandwidth</b>	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				649666	656000	662334		
<b>90MHz</b>	DFT-s-OFDM QPSK	1	1	19.75	19.80	19.84	20.50	
<b>Bandwidth</b>	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				649334	656000	662666		

<b>80MHz</b>	DFT-s-OFDM QPSK	1	1	19.85	19.70	19.77	20.50
<b>Bandwidth</b>	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648668	656000	663332	
<b>60MHz</b>	DFT-s-OFDM QPSK	1	1	19.84	19.71	19.77	20.50
<b>Bandwidth</b>	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648332	656000	663668	
<b>50MHz</b>	DFT-s-OFDM QPSK	1	1	19.80	19.75	19.76	20.50
<b>Bandwidth</b>	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648000	656000	664000	
<b>40MHz</b>	DFT-s-OFDM QPSK	1	1	19.84	19.82	19.76	20.50
<b>Bandwidth</b>	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647668	656000	664332	
<b>30MHz</b>	DFT-s-OFDM QPSK	1	1	19.81	19.81	19.82	20.50
<b>Bandwidth</b>	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647334	656000	664666	
<b>20MHz</b>	DFT-s-OFDM QPSK	1	1	19.74	19.78	19.81	20.50

N78				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	/	24.56	/	25.50	
		1	137	/	24.57	/	25.50	
		1	271	/	24.71	/	25.50	
		135	0	/	23.94	/	25.00	
		135	69	/	24.61	/	25.50	
		135	138	/	24.33	/	25.00	
	DFT-s-OFDM QPSK	1	1	/	24.86	/	25.50	
		1	137	/	24.78	/	25.50	
		1	271	/	24.58	/	25.50	
		135	0	/	23.76	/	24.50	
		135	69	/	24.89	/	25.50	
		135	138	/	23.79	/	24.50	
	DFT-s-OFDM 16QAM	1	1	/	23.99	/	24.50	
		1	1	/	22.19	/	23.00	
		1	1	/	19.93	/	21.00	
	<b>Bandwidth</b>	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					/	633334	/	

<b>100MHz</b>	CP-OFDM QPSK	1	1	/	21.98	/	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	24.21	24.20	24.24	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	24.17	24.15	24.23	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	24.19	24.11	24.23	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	24.21	24.15	24.27	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	24.20	24.19	24.24	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	24.20	24.12	24.31	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	24.13	24.11	24.22	25.50

N78 DS11				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	/	17.25	/	18.00
		1	137	/	17.18	/	18.00
		1	271	/	17.15	/	18.00
		135	0	/	17.26	/	18.00
		135	69	/	17.15	/	18.00
		135	138	/	17.24	/	18.00
		270	0	/	17.12	/	18.00
	DFT-s-OFDM QPSK	1	1	/	17.26	/	18.00
		1	137	/	17.28	/	18.00
		1	271	/	17.26	/	18.00
		135	0	/	17.17	/	18.00
		135	69	/	17.30	/	18.00
		135	138	/	17.27	/	18.00
		270	0	/	17.29	/	18.00

	DFT-s-OFDM 16QAM	1	1	/	17.06	/	18.00
	DFT-s-OFDM 64QAM	1	1	/	17.19	/	18.00
	DFT-s-OFDM 256QAM	1	1	/	17.25	/	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
<b>100MHz</b>	CP-OFDM QPSK	1	1	/	17.14	/	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				633000	633334	633668	
<b>90MHz</b>	DFT-s-OFDM QPSK	1	1	17.14	17.21	17.22	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632668	633334	634000	
<b>80MHz</b>	DFT-s-OFDM QPSK	1	1	17.23	17.17	17.09	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	
<b>60MHz</b>	DFT-s-OFDM QPSK	1	1	17.20	17.15	17.18	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631668	633334	635000	
<b>50MHz</b>	DFT-s-OFDM QPSK	1	1	17.11	17.22	17.20	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
<b>40MHz</b>	DFT-s-OFDM QPSK	1	1	17.11	17.20	17.17	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631000	633334	635668	
<b>30MHz</b>	DFT-s-OFDM QPSK	1	1	17.20	17.22	17.20	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
<b>20MHz</b>	DFT-s-OFDM QPSK	1	1	17.10	17.13	17.23	18.00

N78 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	/	19.62	/	20.50
		1	137	/	19.66	/	20.50
		1	271	/	19.51	/	20.50
		135	0	/	19.67	/	20.50
		135	69	/	19.62	/	20.50

		135	138	/	19.61	/	20.50
		270	0	/	19.52	/	20.50
	DFT-s-OFDM QPSK	1	1	/	19.61	/	20.50
		1	137	/	19.56	/	20.50
		1	271	/	19.65	/	20.50
		135	0	/	19.62	/	20.50
		135	69	/	19.72	/	20.50
		135	138	/	19.56	/	20.50
		270	0	/	19.62	/	20.50
		DFT-s-OFDM 16QAM	1	1	/	19.55	/
	DFT-s-OFDM 64QAM	1	1	/	19.62	/	20.50
	DFT-s-OFDM 256QAM	1	1	/	19.64	/	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
<b>100MHz</b>	CP-OFDM QPSK	1	1	/	19.51	/	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				633000	633334	633668	
<b>90MHz</b>	DFT-s-OFDM QPSK	1	1	19.49	19.51	19.54	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632668	633334	634000	
<b>80MHz</b>	DFT-s-OFDM QPSK	1	1	19.55	19.52	19.61	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	
<b>60MHz</b>	DFT-s-OFDM QPSK	1	1	19.63	19.55	19.54	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631668	633334	635000	
<b>50MHz</b>	DFT-s-OFDM QPSK	1	1	19.63	19.55	19.49	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
<b>40MHz</b>	DFT-s-OFDM QPSK	1	1	19.52	19.50	19.52	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631000	633334	635668	
<b>30MHz</b>	DFT-s-OFDM QPSK	1	1	19.50	19.62	19.51	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
<b>20MHz</b>	DFT-s-OFDM QPSK	1	1	19.58	19.59	19.61	20.50

N78				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	/	24.61	/	25.50
		1	137	/	24.59	/	25.50
		1	271	/	24.65	/	25.50
		135	0	/	23.95	/	25.00
		135	69	/	24.61	/	25.50
		135	138	/	24.36	/	25.00
	DFT-s-OFDM QPSK	270	0	/	24.09	/	25.00
		1	1	/	24.81	/	25.50
		1	137	/	24.83	/	25.50
		1	271	/	24.62	/	25.50
		135	0	/	23.81	/	24.50
		135	69	/	24.98	/	25.50
	DFT-s-OFDM 16QAM	135	138	/	23.71	/	24.50
		270	0	/	23.64	/	24.50
		1	1	/	23.98	/	24.50
		1	1	/	22.22	/	23.00
		1	1	/	19.92	/	21.00
	DFT-s-OFDM 256QAM						
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
100MHz	CP-OFDM QPSK	1	1	/	21.97	/	23.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649668	650000	650334	
90MHz	DFT-s-OFDM QPSK	1	1	24.22	24.10	24.29	25.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649334	650000	650668	
80MHz	DFT-s-OFDM QPSK	1	1	24.18	24.17	24.27	25.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648668	650000	651334	
60MHz	DFT-s-OFDM QPSK	1	1	24.20	24.12	24.26	25.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648334	650000	651668	
50MHz	DFT-s-OFDM QPSK	1	1	24.13	24.21	24.21	25.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648000	650000	652000	
40MHz	DFT-s-OFDM QPSK	1	1	24.19	24.18	24.31	25.50





Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647668	650000	652334	
<b>30MHz</b>	DFT-s-OFDM QPSK	1	1	24.21	24.19	24.21	25.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647334	650000	652668	
<b>20MHz</b>	DFT-s-OFDM QPSK	1	1	24.14	24.16	24.20	25.50

N78 DS11				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	/	17.21	/	18.00	
		1	137	/	17.20	/	18.00	
		1	271	/	17.16	/	18.00	
		135	0	/	17.23	/	18.00	
		135	69	/	17.24	/	18.00	
		135	138	/	17.24	/	18.00	
		270	0	/	17.24	/	18.00	
	DFT-s-OFDM QPSK	1	1	/	17.17	/	18.00	
		1	137	/	17.18	/	18.00	
		1	271	/	17.24	/	18.00	
		135	0	/	17.15	/	18.00	
		135	69	/	17.29	/	18.00	
		135	138	/	17.28	/	18.00	
	DFT-s-OFDM 16QAM	1	1	/	17.14	/	18.00	
		1	1	/	17.24	/	18.00	
		1	1	/	17.25	/	18.00	
		1	1	/	17.25	/	18.00	
	DFT-s-OFDM 256QAM	1	1	/	17.25	/	18.00	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					/	650000	/	
	<b>100MHz</b>	CP-OFDM QPSK	1	1	/	17.11	/	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				649668	650000	650334		
<b>90MHz</b>	DFT-s-OFDM QPSK	1	1	17.24	17.18	17.11	18.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				649334	650000	650668		
<b>80MHz</b>	DFT-s-OFDM QPSK	1	1	17.12	17.09	17.20	18.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				648668	650000	651334		

<b>60MHz</b>	<b>DFT-s-OFDM QPSK</b>	1	1	17.22	17.22	17.17	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648334	650000	651668	
<b>50MHz</b>	<b>DFT-s-OFDM QPSK</b>	1	1	17.13	17.11	17.20	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648000	650000	652000	
<b>40MHz</b>	<b>DFT-s-OFDM QPSK</b>	1	1	17.12	17.15	17.11	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647668	650000	652334	
<b>30MHz</b>	<b>DFT-s-OFDM QPSK</b>	1	1	17.18	17.16	17.17	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647334	650000	652668	
<b>20MHz</b>	<b>DFT-s-OFDM QPSK</b>	1	1	17.13	17.14	17.11	18.00

N78 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	/	19.52	/	20.50	
		1	137	/	19.58	/	20.50	
		1	271	/	19.57	/	20.50	
		135	0	/	19.69	/	20.50	
		135	69	/	19.57	/	20.50	
		135	138	/	19.65	/	20.50	
		270	0	/	19.56	/	20.50	
	DFT-s-OFDM QPSK	1	1	/	19.63	/	20.50	
		1	137	/	19.56	/	20.50	
		1	271	/	19.58	/	20.50	
		135	0	/	19.64	/	20.50	
		135	69	/	19.66	/	20.50	
		135	138	/	19.62	/	20.50	
	DFT-s-OFDM 16QAM	1	1	/	19.49	/	20.50	
		1	1	/	19.65	/	20.50	
		1	1	/	19.54	/	20.50	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					/	650000	/	
<b>100MHz</b>	<b>CP-OFDM QPSK</b>	1	1	/	19.52	/	20.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				649668	650000	650334		



<b>90MHz</b>	DFT-s-OFDM QPSK	1	1	19.54	19.53	19.53	20.50
Bandwidth	Modulation	RB size	RB offset	Channel 649334	Channel 650000	Channel 650668	Tune up
<b>80MHz</b>	DFT-s-OFDM QPSK	1	1	19.55	19.56	19.58	20.50
Bandwidth	Modulation	RB size	RB offset	Channel 648668	Channel 650000	Channel 651334	Tune up
<b>60MHz</b>	<b>DFT-s-OFDM QPSK</b>	1	1	19.58	19.62	19.51	20.50
Bandwidth	Modulation	RB size	RB offset	Channel 648334	Channel 650000	Channel 651668	Tune up
<b>50MHz</b>	DFT-s-OFDM QPSK	1	1	19.59	19.53	19.56	20.50
Bandwidth	Modulation	RB size	RB offset	Channel 648000	Channel 650000	Channel 652000	Tune up
<b>40MHz</b>	DFT-s-OFDM QPSK	1	1	19.52	19.61	19.55	20.50
Bandwidth	Modulation	RB size	RB offset	Channel 647668	Channel 650000	Channel 652334	Tune up
<b>30MHz</b>	DFT-s-OFDM QPSK	1	1	19.58	19.61	19.63	20.50
Bandwidth	Modulation	RB size	RB offset	Channel 647334	Channel 650000	Channel 652668	Tune up
<b>20MHz</b>	DFT-s-OFDM QPSK	1	1	19.49	19.50	19.59	20.50

## 8 Conducted Power of WiFi and Bluetooth

### 8.1 Conducted Power of WIFI

WIFI 2.4GHz Receiver off					
Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11b	1	2412	1	18.84	20.00
	6	2437		18.87	20.00
	11	2462		18.86	20.00
802.11g	1	2412	6	16.98	18.00
	6	2437		16.79	18.00
	11	2462		16.75	18.00
802.11n HT20	1	2412	6.5	16.65	17.50
	6	2437		16.63	17.50
	11	2462		16.46	17.50

WIFI 2.4GHz Receiver on					
Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11b	1	2412	1	15.84	16.50
	6	2437		15.85	16.50
	11	2462		15.80	16.50
802.11g	1	2412	6	15.60	16.50
	6	2437		15.41	16.50
	11	2462		15.34	16.50
802.11n HT20	1	2412	6.5	15.51	16.50
	6	2437		15.40	16.50
	11	2462		15.38	16.50

WIFI 5GHz Receiver off						
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11a	U-NII-1	36	5180	6	16.80	18.00
		40	5200		16.91	18.00
		44	5220		16.84	18.00
		48	5240		16.93	18.00
	U-NII-2A	52	5260		16.96	18.00
		56	5280		17.16	18.00
		60	5300		17.23	18.00
		64	5320		17.10	18.00
	U-NII-2C	100	5500		16.66	18.00
		104	5520		16.77	18.00
		108	5540		16.89	18.00
		112	5560		16.92	18.00
		116	5580		17.15	18.00
		120	5600		16.92	18.00
		124	5620		17.08	18.00
		128	5640		16.99	18.00
	U-NII-3	132	5660		17.08	18.00
		136	5680		16.92	18.00
		140	5700		17.04	18.00
		144	5720		16.73	18.00
149		5745	16.72	17.50		
153		5765	16.72	17.50		
802.11n-HT20	U-NII-1	157	5785	16.67	17.50	
		161	5805	16.71	17.50	
		165	5825	16.79	17.50	
		36	5180	15.88	17.00	
	U-NII-2A	40	5200	16.04	17.00	
		44	5220	16.05	17.00	
		48	5240	15.97	17.00	
		52	5260	16.09	17.00	
	U-NII-2C	56	5280	16.00	17.00	
		60	5300	15.82	17.00	
64		5320	15.74	17.00		
100		5500	15.82	17.00		
104		5520	15.58	17.00		
108		5540	15.40	17.00		
112		5560	15.48	17.00		
116		5580	15.44	17.00		
120		5600	15.86	17.00		
124		5620	16.12	17.00		
MCS0	128	5640	16.18	17.00		
	132	5660	15.99	17.00		
	136	5680	16.06	17.00		
	140	5700	15.93	17.00		
	144	5720	15.79	17.00		

	U-NII-3	149	5745		15.66	16.50		
		153	5765		15.76	16.50		
		157	5785		15.63	16.50		
		161	5805		15.57	16.50		
		165	5825		15.56	16.50		
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up		
802.11n-HT40	U-NII-1	38	5190	MCS0	15.01	16.00		
		46	5230		14.94	16.00		
	U-NII-2A	54	5270		15.39	16.00		
		62	5310		15.35	16.00		
	U-NII-2C	102	5510		14.82	15.50		
		110	5550		14.63	15.50		
		118	5590		14.53	15.50		
		126	5630		14.61	15.50		
		134	5670		14.90	15.50		
		142	5710		14.83	15.50		
	U-NII-3	151	5755		15.12	16.00		
		159	5795		14.98	16.00		
	5GHz	mode	Channel		Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
	802.11ac-20	U-NII-1	36		5180	MCS0	15.86	17.00
40			5200	16.04	17.00			
44			5220	16.11	17.00			
48			5240	15.89	17.00			
U-NII-2A		52	5260	16.07	17.00			
		56	5280	15.93	17.00			
		60	5300	15.73	17.00			
		64	5320	15.79	17.00			
U-NII-2C		100	5500	15.73	17.00			
		104	5520	15.50	17.00			
		108	5540	15.41	17.00			
		112	5560	15.39	17.00			
		116	5580	15.53	17.00			
		120	5600	15.78	17.00			
		124	5620	16.02	17.00			
		128	5640	16.04	17.00			
		132	5660	15.99	17.00			
		136	5680	16.06	17.00			
U-NII-3		140	5700	15.81	17.00			
		144	5720	15.71	17.00			
		149	5745	15.70	16.50			
		153	5765	15.75	16.50			
		157	5785	15.67	16.50			
		161	5805	15.50	16.50			
		165	5825	15.48	16.50			

5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ac-40	U-NII-1	38	5190	MCS0	15.11	16.00
		46	5230		14.97	16.00
	U-NII-2A	54	5270		15.38	16.00
		62	5310		15.25	16.00
	U-NII-2C	102	5510		14.93	15.50
		110	5550		14.67	15.50
		118	5590		14.56	15.50
		126	5630		14.64	15.50
		134	5670		14.83	15.50
		142	5710		14.85	15.50
	U-NII-3	151	5755		15.13	16.00
		159	5795		15.00	16.00
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ac 80M	U-NII-1	42	5210	MCS0	14.11	15.00
	U-NII-2A	58	5290		14.27	15.00
	U-NII-2C	106	5530		13.73	14.50
		122	5610		13.42	14.50
		138	5690		13.40	14.50
	U-NII-3	155	5775		13.73	14.50

WIFI 5GHz Receiver on						
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11a	U-NII-1	36	5180	6	15.35	16.50
		40	5200		15.52	16.50
		44	5220		15.48	16.50
		48	5240		15.52	16.50
	U-NII-2A	52	5260		15.48	16.50
		56	5280		15.64	16.50
		60	5300		15.70	16.50
		64	5320		15.67	16.50
	U-NII-2C	100	5500		15.11	16.50
		104	5520		15.36	16.50
		108	5540		15.37	16.50
		112	5560		15.56	16.50
		116	5580		15.84	16.50
		120	5600		15.54	16.50
		124	5620		15.72	16.50
		128	5640		15.62	16.50
		132	5660		15.67	16.50
		136	5680		15.56	16.50
	U-NII-3	140	5700		15.58	16.50
		144	5720		15.35	16.50
149		5745	15.72	16.50		
153		5765	15.82	16.50		
157		5785	15.83	16.50		
161		5805	15.64	16.50		
165	5825	15.79	16.50			
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11n-HT20	U-NII-1	36	5180	MCS0	15.36	16.50
		40	5200		15.51	16.50
		44	5220		15.56	16.50
		48	5240		15.59	16.50
	U-NII-2A	52	5260		15.58	16.50
		56	5280		15.64	16.50
		60	5300		15.81	16.50
		64	5320		15.61	16.50
	U-NII-2C	100	5500		15.20	16.50
		104	5520		15.29	16.50
		108	5540		15.34	16.50
		112	5560		15.54	16.50
		116	5580		15.77	16.50
		120	5600		15.51	16.50
		124	5620		15.69	16.50
		128	5640		15.59	16.50
		132	5660		15.60	16.50
		136	5680		15.48	16.50
	140	5700	15.52		16.50	
	144	5720	15.38		16.50	



	U-NII-3	149	5745		15.66	16.50
		153	5765		15.76	16.50
		157	5785		15.63	16.50
		161	5805		15.57	16.50
		165	5825		15.56	16.50
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11n-HT40	U-NII-1	38	5190	MCS0	15.01	16.00
		46	5230		14.94	16.00
	U-NII-2A	54	5270		15.39	16.00
		62	5310		15.35	16.00
	U-NII-2C	102	5510		14.82	15.50
		110	5550		14.63	15.50
		118	5590		14.53	15.50
		126	5630		14.61	15.50
		134	5670		14.90	15.50
		142	5710		14.83	15.50
	U-NII-3	151	5755		15.12	16.00
		159	5795		14.98	16.00
	5GHz	mode	Channel		Frequency(MHz)	Data Rate(Mbps)
802.11ac-20	U-NII-1	36	5180	MCS0	15.35	16.50
		40	5200		15.41	16.50
		44	5220		15.56	16.50
		48	5240		15.60	16.50
	U-NII-2A	52	5260		15.57	16.50
		56	5280		15.69	16.50
		60	5300		15.78	16.50
		64	5320		15.74	16.50
	U-NII-2C	100	5500		15.10	16.50
		104	5520		15.31	16.50
		108	5540		15.46	16.50
		112	5560		15.52	16.50
		116	5580		15.77	16.50
		120	5600		15.46	16.50
		124	5620		15.65	16.50
		128	5640		15.52	16.50
		132	5660		15.62	16.50
		136	5680		15.49	16.50
	U-NII-3	140	5700		15.53	16.50
		144	5720		15.32	16.50
		149	5745		15.70	16.50
		153	5765		15.75	16.50
		157	5785		15.67	16.50
		161	5805		15.50	16.50
		165	5825		15.48	16.50



5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ac-40	U-NII-1	38	5190	MCS0	15.11	16.00
		46	5230		14.97	16.00
	U-NII-2A	54	5270		15.38	16.00
		62	5310		15.25	16.00
	U-NII-2C	102	5510		14.93	15.50
		110	5550		14.67	15.50
		118	5590		14.56	15.50
		126	5630		14.64	15.50
		134	5670		14.83	15.50
		142	5710		14.85	15.50
	U-NII-3	151	5755		15.13	16.00
		159	5795		15.00	16.00
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ac 80M	U-NII-1	42	5210	MCS0	14.11	15.00
	U-NII-2A	58	5290		14.27	15.00
	U-NII-2C	106	5530		13.73	14.50
		122	5610		13.42	14.50
		138	5690		13.40	14.50
	U-NII-3	155	5775		13.73	14.50

## 8.2 Conducted Power of BT

BT		Average Conducted Power(dBm)			Tune up
Band	Channel	0	39	78	
BT	GFSK	11.11	11.39	11.30	13.00
	$\pi/4$ DQPSK	7.43	7.90	8.06	9.50
	8DPSK	7.78	7.93	8.14	9.50
Band	Channel	0	19	39	Tune up
BLE 1M	GFSK	2.87	3.52	3.96	5.00