

Appendix E

Conducted RF Output Power Table

Measurement of RF conducted Power	
1	Conducted Power of Main Antenna (Ant0)
2	Conducted Power of Main Antenna (Ant1)
3	Conducted Power of Main Antenna (Ant2)
4	Conducted Power of Main Antenna (Ant3)
5	Conducted Power of Main Antenna (Ant4)
6	Conducted Power of Main Antenna (Ant5)
7	Conducted Power of LTE Uplink CA
8	Conducted Power of LTE Down CA
9	Conducted Power of NR Antenna
9.1	Conducted Power of NR Antenna (Ant0)
9.2	Conducted Power of NR Antenna (Ant1)
9.3	Conducted Power of NR Antenna (Ant2)
9.4	Conducted Power of NR Antenna (Ant3)
9.5	Conducted Power of NR Antenna (Ant4)
9.6	Conducted Power of NR Antenna (Ant5)
9.7	Conducted Power of NR Antenna (Ant6)
9.8	Conducted Power of NR Antenna (Ant7)
9.9	Conducted Power of NR Antenna (Ant8)
10	Conducted Power of WiFi and Bluetooth
10.1	Conducted Power of WiFi
10.2	Conducted Power of Bluetooth

Measurement of RF conducted Power

1 Conducted Power of Main Antenna(Ant0)

1.1 Conducted Power of GSM

GSM 850 Ant0 Default&DS1&3&4&5										
Burst Output Power(dBm)					Tune up	Division Factors	Frame-Average Output Power(dBm)			Tune up
Channel		128	190	251			128	190	251	
GSM(GMSK)	GSM	31.77	31.80	31.81	33.50	-9.19	22.58	22.61	22.62	24.31
GPRS (GMSK)	1 TX Slot	31.92	31.90	31.99	33.50	-9.19	22.73	22.71	22.80	24.31
	2 TX Slots	29.31	29.35	29.28	30.50	-6.18	23.13	23.17	23.10	24.32
	3 TX Slots	27.28	27.31	27.31	28.70	-4.42	22.86	22.89	22.89	24.28
	4 TX Slots	25.69	25.83	25.77	27.50	-3.17	22.52	22.66	22.60	24.33
EGPRS (GMSK)	1 TX Slot	31.99	31.89	31.97	33.50	-9.19	22.80	22.70	22.78	24.31
	2 TX Slots	29.34	29.36	29.32	30.50	-6.18	23.16	23.18	23.14	24.32
	3 TX Slots	27.29	27.30	27.31	28.70	-4.42	22.87	22.88	22.89	24.28
	4 TX Slots	25.74	25.81	25.77	27.50	-3.17	22.57	22.64	22.60	24.33
EGPRS(8PSK)	1 TX Slot	26.14	26.24	26.25	27.50	-9.19	16.95	17.05	17.06	18.31
	2 TX Slots	23.37	23.28	23.33	24.50	-6.18	17.19	17.10	17.15	18.32
	3 TX Slots	21.83	21.90	21.87	22.70	-4.42	17.41	17.48	17.45	18.28
	4 TX Slots	20.25	20.27	20.16	21.50	-3.17	17.08	17.10	16.99	18.33

1.2 Conducted Power of WCDMA

WCDMA Band V Ant0 Default&DS1&3&4&5					
Average Conducted Power(dBm)					
Channel		4132	4182	4233	Tune up
WCDMA	12.2kbps RMC	23.47	23.50	23.41	25.00
	12.2kbps AMR	23.41	23.30	23.34	25.00
HSDPA	Subtest 1	23.00	22.93	22.91	24.00
	Subtest 2	23.01	23.02	23.07	24.00
	Subtest 3	22.41	22.54	22.44	23.50
	Subtest 4	22.54	22.31	22.52	23.50
HSUPA	Subtest 1	20.92	20.85	20.87	22.50
	Subtest 2	20.92	20.93	20.98	22.00
	Subtest 3	21.98	21.82	22.02	23.00
	Subtest 4	20.43	20.37	20.48	22.00
	Subtest 5	21.93	21.92	22.04	23.00
DC-HSDPA	Subtest 1	22.90	22.86	23.00	24.00
	Subtest 2	22.80	22.91	23.10	24.00
	Subtest 3	22.37	22.41	22.36	23.50
	Subtest 4	22.43	22.35	22.46	23.50
HSPA+	16QAM	20.90	20.83	20.92	22.00

1.3 Conducted Power of LTE

LTE Band 5 Ant0 Default&DS1&3&4&5				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20407	20525	20643	
1.4MHz	QPSK	1	0	23.83	23.79	23.85	25.50
		1	2	23.71	23.84	23.80	25.50
		1	5	23.74	23.75	23.95	25.50
		3	0	23.78	23.82	23.78	25.50
		3	2	23.76	23.84	23.79	25.50
		3	3	23.75	23.87	23.83	25.50
	16QAM	6	0	22.84	22.91	22.79	24.50
		1	0	22.89	22.97	22.88	24.50
		1	2	22.92	22.99	23.01	24.50
		1	5	23.04	23.00	22.97	24.50
		3	0	23.04	23.00	22.88	24.50
		3	2	22.99	22.92	22.91	24.50
	64QAM	3	3	22.98	22.98	22.92	24.50
		6	0	21.90	22.04	22.07	23.50
		1	0	22.01	21.92	22.06	23.50
		1	2	22.01	22.00	21.98	23.50
		1	5	22.06	22.06	21.99	23.50
		3	0	22.07	22.01	21.98	23.50
	256QAM	3	2	22.09	22.04	21.99	23.50
		3	3	22.01	21.97	22.00	23.50
		6	0	21.03	21.03	21.11	22.50
		1	0	19.29	19.30	19.19	20.50
		1	2	19.09	19.26	19.20	20.50
		1	5	19.18	19.17	19.29	20.50
3MHz	QPSK	3	0	19.28	19.37	19.22	20.50
		3	2	19.28	19.28	19.22	20.50
3		3	19.13	19.20	19.20	20.50	
6		0	19.20	19.20	19.26	20.50	
16QAM		8	0	23.99	23.87	23.95	25.50
		8	7	23.88	23.92	23.86	25.50
	8	14	23.87	23.95	23.99	25.50	
	8	0	23.02	22.99	22.93	24.50	
	8	4	22.99	23.04	22.99	24.50	
	8	7	23.01	23.05	23.06	24.50	
	15	0	22.89	23.04	22.92	24.50	
	1	0	23.00	23.02	23.03	24.50	
	1	7	22.98	22.99	23.13	24.50	
	1	14	23.09	23.09	22.99	24.50	
	8	0	22.19	22.13	22.12	23.50	
	8	4	22.11	22.08	22.09	23.50	
8	7	22.13	22.19	22.02	23.50		
15	0	22.08	22.19	22.14	23.50		

	64QAM	1	0	22.06	22.13	22.12	23.50				
		1	7	22.14	22.14	22.03	23.50				
		1	14	22.13	22.10	22.13	23.50				
		8	0	21.10	21.17	21.18	22.50				
		8	4	21.19	21.18	21.18	22.50				
		8	7	21.20	21.21	21.23	22.50				
	256QAM	15	0	21.16	21.15	21.19	22.50				
		1	0	19.19	19.35	19.21	20.50				
		1	7	19.14	19.20	19.18	20.50				
		1	14	19.25	19.16	19.30	20.50				
		8	0	19.22	19.36	19.20	20.50				
		8	4	19.24	19.29	19.24	20.50				
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up			
					20425	20525	20625				
5MHz	QPSK	1	0	23.99	23.88	23.94	25.50				
		1	13	23.80	23.97	23.86	25.50				
		1	24	23.91	23.93	23.94	25.50				
		12	0	22.97	22.94	22.91	24.50				
		12	6	22.90	23.08	23.07	24.50				
		12	13	23.03	23.11	23.02	24.50				
	16QAM	25	0	22.87	22.99	22.94	24.50				
		1	0	23.03	23.08	23.04	24.50				
		1	13	23.00	22.98	23.08	24.50				
		1	24	23.05	23.12	23.03	24.50				
		12	0	22.10	22.06	22.05	23.50				
		12	6	22.15	22.14	22.10	23.50				
	64QAM	12	13	22.13	22.15	22.06	23.50				
		25	0	22.07	22.17	22.16	23.50				
		1	0	22.08	22.10	22.18	23.50				
		1	13	22.13	22.21	22.12	23.50				
		1	24	22.10	22.11	22.10	23.50				
		12	0	21.17	21.23	21.14	22.50				
	256QAM	12	6	21.18	21.22	21.26	22.50				
		12	13	21.25	21.24	21.20	22.50				
		25	0	21.25	21.16	21.19	22.50				
		1	0	19.22	19.31	19.17	20.50				
		1	13	19.06	19.18	19.18	20.50				
		1	24	19.23	19.18	19.28	20.50				
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up			
					20450	20525	20600				
					12	0	19.29		19.28	19.27	20.50
					12	6	19.18		19.38	19.18	20.50
	10MHz	QPSK	12	13	19.16	19.24	19.26	20.50			
			25	0	19.18	19.14	19.30	20.50			
1			0	24.00	24.02	23.97	25.50				
1			25	23.86	23.89	23.92	25.50				
		1	49	23.92	23.95	23.92	25.50				
		25	0	23.01	23.12	22.94	24.50				

		25	13	22.92	23.01	22.99	24.50
		25	25	22.97	23.02	23.04	24.50
		50	0	22.92	22.96	22.94	24.50
	16QAM	1	0	23.00	23.11	23.05	24.50
		1	25	23.08	22.99	23.10	24.50
		1	49	23.04	23.01	23.00	24.50
		25	0	22.19	22.14	22.07	23.50
		25	13	22.12	22.08	22.06	23.50
		25	25	22.11	22.08	22.08	23.50
		50	0	22.03	22.18	22.13	23.50
		64QAM	1	0	22.07	22.12	22.15
	1		25	22.12	22.17	22.12	23.50
	1		49	22.17	22.05	22.14	23.50
	25		0	21.16	21.22	21.15	22.50
	25		13	21.23	21.20	21.19	22.50
	25		25	21.25	21.20	21.16	22.50
	50		0	21.19	21.15	21.16	22.50
	256QAM	1	0	19.20	19.37	19.24	20.50
		1	25	19.12	19.15	19.24	20.50
		1	49	19.18	19.15	19.27	20.50
		25	0	19.23	19.28	19.23	20.50
		25	13	19.29	19.35	19.19	20.50
		25	25	19.14	19.20	19.19	20.50
		50	0	19.20	19.13	19.33	20.50

LTE Band 5 Ant0 Default&DS1&3&4&5 ENDC				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20407	20525	20643	
1.4MHz	QPSK	1	0	23.68	23.91	23.89	25.00
		1	2	23.62	23.79	23.72	25.00
		1	5	23.56	23.76	23.76	25.00
		3	0	23.66	23.87	23.77	25.00
		3	2	23.69	23.64	23.57	25.00
		3	3	23.50	23.74	23.57	25.00
		6	0	22.65	22.80	22.77	24.00
	16QAM	1	0	22.51	22.95	22.69	24.00
		1	2	22.79	22.82	22.80	24.00
		1	5	22.64	22.67	22.83	24.00
		3	0	22.60	22.78	22.83	24.00
		3	2	22.70	22.78	22.80	24.00
		3	3	22.63	22.71	22.54	24.00
		6	0	21.66	21.66	21.63	23.00
	64QAM	1	0	21.73	21.68	21.80	23.00
		1	2	21.76	21.66	21.72	23.00
		1	5	21.50	21.78	21.75	23.00
		3	0	21.63	21.70	21.74	23.00
		3	2	21.76	21.71	21.75	23.00

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				20415	20525	20635		
3MHz	256QAM	3	3	21.52	21.62	21.64	23.00	
		6	0	20.56	20.85	20.77	22.00	
		1	0	18.71	18.75	18.81	20.00	
		1	2	18.70	18.77	18.65	20.00	
		1	5	18.61	18.73	18.83	20.00	
		3	0	18.54	18.73	18.64	20.00	
		3	2	18.68	18.94	18.90	20.00	
		3	3	18.66	18.78	18.87	20.00	
	6	0	18.59	18.82	18.87	20.00		
	3MHz	QPSK	1	0	23.79	23.84	23.77	25.00
			1	7	23.50	23.71	23.62	25.00
			1	14	23.52	23.79	23.85	25.00
			8	0	22.66	22.82	22.61	24.00
			8	4	22.72	22.63	22.69	24.00
8			7	22.59	22.68	22.65	24.00	
15			0	22.71	22.78	22.71	24.00	
16QAM		1	0	22.51	22.75	22.72	24.00	
		1	7	22.72	22.75	22.74	24.00	
		1	14	22.49	22.64	22.90	24.00	
		8	0	21.62	21.65	21.88	23.00	
		8	4	21.72	21.71	21.76	23.00	
		8	7	21.61	21.71	21.57	23.00	
		15	0	21.55	21.75	21.71	23.00	
64QAM		1	0	21.77	21.78	21.75	23.00	
		1	7	21.71	21.69	21.78	23.00	
		1	14	21.68	21.68	21.80	23.00	
		8	0	20.60	20.77	20.79	22.00	
		8	4	20.81	20.75	20.73	22.00	
		8	7	20.63	20.62	20.70	22.00	
		15	0	20.56	20.66	20.74	22.00	
256QAM		1	0	18.77	18.64	18.89	20.00	
		1	7	18.67	18.69	18.65	20.00	
		1	14	18.54	18.73	18.77	20.00	
	8	0	18.50	18.67	18.61	20.00		
	8	4	18.63	18.94	18.88	20.00		
	8	7	18.79	18.96	18.76	20.00		
	15	0	18.55	18.75	18.79	20.00		
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				20425	20525	20625		
5MHz	QPSK	1	0	23.70	23.85	23.81	25.00	
		1	13	23.63	23.75	23.77	25.00	
		1	24	23.64	23.76	23.75	25.00	
		12	0	22.83	22.95	22.66	24.00	
		12	6	22.71	22.78	22.66	24.00	
		12	13	22.65	22.68	22.68	24.00	
		25	0	22.74	22.77	22.77	24.00	
	16QAM	1	0	22.58	22.87	22.71	24.00	

		1	13	22.83	22.73	22.70	24.00	
		1	24	22.64	22.60	22.79	24.00	
		12	0	21.73	21.78	21.89	23.00	
		12	6	21.76	21.71	21.80	23.00	
		12	13	21.62	21.81	21.62	23.00	
		25	0	21.65	21.72	21.79	23.00	
	64QAM	1	0	21.75	21.70	21.67	23.00	
		1	13	21.72	21.66	21.87	23.00	
		1	24	21.52	21.79	21.89	23.00	
		12	0	20.66	20.75	20.69	22.00	
		12	6	20.66	20.69	20.69	22.00	
		12	13	20.65	20.65	20.72	22.00	
	256QAM	25	0	20.60	20.70	20.81	22.00	
		1	0	18.71	18.61	18.93	20.00	
		1	13	18.65	18.84	18.73	20.00	
		1	24	18.71	18.71	18.76	20.00	
		12	0	18.62	18.77	18.73	20.00	
		12	6	18.54	18.77	18.91	20.00	
			RB size	RB offset	Channel	Channel	Channel	Tune up
					20450	20525	20600	
	10MHz	QPSK	1	0	23.86	23.97	23.94	25.00
1			25	23.67	23.85	23.80	25.00	
1			49	23.68	23.89	23.87	25.00	
25			0	22.85	22.97	22.77	24.00	
25			13	22.83	22.83	22.73	24.00	
25			25	22.67	22.81	22.71	24.00	
50			0	22.75	22.92	22.88	24.00	
16QAM		1	0	22.70	22.95	22.82	24.00	
		1	25	22.86	22.83	22.89	24.00	
		1	49	22.67	22.80	22.90	24.00	
		25	0	21.76	21.82	21.90	23.00	
		25	13	21.76	21.84	21.87	23.00	
		25	25	21.67	21.84	21.74	23.00	
		50	0	21.72	21.85	21.79	23.00	
64QAM		1	0	21.82	21.86	21.83	23.00	
		1	25	21.81	21.77	21.90	23.00	
		1	49	21.70	21.85	21.91	23.00	
		25	0	20.77	20.87	20.82	22.00	
		25	13	20.84	20.88	20.83	22.00	
		25	25	20.72	20.82	20.83	22.00	
		50	0	20.69	20.85	20.82	22.00	
256QAM		1	0	18.81	18.80	18.94	20.00	
		1	25	18.77	18.88	18.75	20.00	
		1	49	18.72	18.79	18.93	20.00	
		25	0	18.66	18.86	18.81	20.00	
		25	13	18.70	18.96	18.94	20.00	
		25	25	18.81	18.97	18.89	20.00	
		50	0	18.71	18.88	18.90	20.00	

LTE FDD Band 12 Ant0 Default&DSI1&3&4&5				Conducted Power(dBm)				
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				23017	23095	23173		
1.4MHz	QPSK	1	0	23.23	23.25	23.27	25.00	
		1	2	23.14	23.22	23.21	25.00	
		1	5	23.24	23.11	23.28	25.00	
		3	0	23.18	23.20	23.21	25.00	
		3	2	23.17	23.29	23.19	25.00	
		3	3	23.09	23.20	23.14	25.00	
	16QAM	6	0	22.25	22.30	22.21	24.00	
		1	0	22.37	22.31	22.29	24.00	
		1	2	22.24	22.35	22.42	24.00	
		1	5	22.35	22.34	22.34	24.00	
		3	0	22.39	22.35	22.34	24.00	
		3	2	22.44	22.38	22.28	24.00	
	64QAM	3	3	22.42	22.33	22.30	24.00	
		6	0	21.37	21.50	21.49	23.00	
		1	0	21.37	21.33	21.53	23.00	
		1	2	21.32	21.42	21.32	23.00	
		1	5	21.44	21.43	21.44	23.00	
		3	0	21.40	21.38	21.37	23.00	
	256QAM	3	2	21.47	21.37	21.36	23.00	
		3	3	21.40	21.44	21.40	23.00	
		6	0	20.40	20.50	20.45	22.00	
		1	0	18.67	18.84	18.78	20.00	
		1	2	18.64	18.77	18.72	20.00	
		1	5	18.73	18.81	18.90	20.00	
3MHz	QPSK	3	0	18.80	18.82	18.61	20.00	
		3	2	18.71	18.80	18.73	20.00	
		3	3	18.57	18.72	18.72	20.00	
		6	0	18.70	18.53	18.93	20.00	
		1	0	23.46	23.38	23.50	25.00	
		1	7	23.30	23.37	23.44	25.00	
	16QAM	1	14	23.34	23.41	23.36	25.00	
		8	0	22.53	22.52	22.44	24.00	
		8	4	22.40	22.51	22.56	24.00	
		8	7	22.49	22.55	22.58	24.00	
		15	0	22.42	22.46	22.43	24.00	
		1	0	22.53	22.57	22.45	24.00	
	64QAM	1	7	22.55	22.49	22.59	24.00	
		1	14	22.55	22.60	22.50	24.00	
		8	0	21.68	21.62	21.57	23.00	
		8	4	21.58	21.56	21.58	23.00	
		8	7	21.54	21.63	21.52	23.00	
		15	0	21.56	21.65	21.70	23.00	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					23025	23095	23165	
	3MHz	QPSK	1	0	23.46	23.38	23.50	25.00
			1	7	23.30	23.37	23.44	25.00
			1	14	23.34	23.41	23.36	25.00
8			0	22.53	22.52	22.44	24.00	
8			4	22.40	22.51	22.56	24.00	
8			7	22.49	22.55	22.58	24.00	
16QAM		15	0	22.42	22.46	22.43	24.00	
		1	0	22.53	22.57	22.45	24.00	
		1	7	22.55	22.49	22.59	24.00	
		1	14	22.55	22.60	22.50	24.00	
		8	0	21.68	21.62	21.57	23.00	
		8	4	21.58	21.56	21.58	23.00	
64QAM		8	7	21.54	21.63	21.52	23.00	
		15	0	21.56	21.65	21.70	23.00	
		1	0	21.62	21.55	21.68	23.00	

		1	7	21.62	21.66	21.52	23.00
		1	14	21.70	21.59	21.57	23.00
		8	0	20.63	20.75	20.69	22.00
		8	4	20.69	20.64	20.74	22.00
		8	7	20.66	20.78	20.69	22.00
	15	0	20.74	20.65	20.65	22.00	
	256QAM	1	0	18.66	18.80	18.83	20.00
		1	7	18.62	18.75	18.74	20.00
		1	14	18.71	18.75	18.93	20.00
		8	0	18.72	18.81	18.60	20.00
		8	4	18.76	18.84	18.71	20.00
8		7	18.62	18.68	18.70	20.00	
15	0	18.74	18.62	18.90	20.00		
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				23035	23095	23155	
5MHz	QPSK	1	0	23.48	23.40	23.49	25.00
		1	13	23.35	23.47	23.39	25.00
		1	24	23.33	23.37	23.48	25.00
		12	0	22.43	22.51	22.49	24.00
		12	6	22.39	22.58	22.52	24.00
		12	13	22.49	22.53	22.53	24.00
		25	0	22.44	22.50	22.41	24.00
	16QAM	1	0	22.47	22.60	22.55	24.00
		1	13	22.52	22.46	22.62	24.00
		1	24	22.51	22.61	22.45	24.00
		12	0	21.64	21.59	21.59	23.00
		12	6	21.60	21.56	21.64	23.00
		12	13	21.54	21.60	21.60	23.00
		25	0	21.58	21.62	21.64	23.00
	64QAM	1	0	21.59	21.55	21.66	23.00
		1	13	21.62	21.67	21.52	23.00
		1	24	21.61	21.53	21.63	23.00
		12	0	20.66	20.68	20.72	22.00
		12	6	20.72	20.65	20.73	22.00
		12	13	20.72	20.69	20.68	22.00
		25	0	20.77	20.67	20.75	22.00
	256QAM	1	0	18.74	18.84	18.78	20.00
		1	13	18.56	18.74	18.75	20.00
		1	24	18.79	18.82	18.88	20.00
		12	0	18.74	18.86	18.60	20.00
		12	6	18.75	18.75	18.75	20.00
		12	13	18.64	18.76	18.68	20.00
		25	0	18.78	18.62	18.86	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				23060	23095	23130	
10MHz	QPSK	1	0	23.42	23.55	23.46	25.00
		1	25	23.39	23.39	23.33	25.00
		1	49	23.33	23.37	23.43	25.00
		25	0	22.45	22.63	22.46	24.00
		25	13	22.41	22.53	22.33	24.00
		25	25	22.44	22.59	22.38	24.00

	16QAM	50	0	22.42	22.53	22.43	24.00
		1	0	22.48	22.59	22.51	24.00
		1	25	22.56	22.52	22.56	24.00
		1	49	22.57	22.54	22.55	24.00
		25	0	21.61	21.60	21.56	23.00
		25	13	21.65	21.63	21.58	23.00
		25	25	21.59	21.69	21.60	23.00
	64QAM	50	0	21.54	21.67	21.62	23.00
		1	0	21.55	21.62	21.68	23.00
		1	25	21.60	21.61	21.58	23.00
		1	49	21.71	21.57	21.61	23.00
		25	0	20.66	20.66	20.64	22.00
		25	13	20.78	20.64	20.70	22.00
		25	25	20.68	20.71	20.74	22.00
	256QAM	50	0	20.77	20.66	20.67	22.00
		1	0	18.69	18.83	18.75	20.00
		1	25	18.54	18.76	18.70	20.00
		1	49	18.75	18.79	18.91	20.00
		25	0	18.77	18.84	18.61	20.00
		25	13	18.73	18.75	18.70	20.00
		25	25	18.63	18.67	18.72	20.00
		50	0	18.69	18.55	18.95	20.00

LTE FDD Band 13 Ant0 Default&DSI1&3&4&5				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				23205	23230	23255	
5MHz	QPSK	1	0	23.85	23.82	23.82	25.50
		1	13	23.70	23.88	23.79	25.50
		1	24	23.82	23.79	23.81	25.50
		12	0	22.84	22.89	22.83	24.50
		12	6	22.82	22.90	22.92	24.50
		12	13	22.91	22.97	22.94	24.50
		25	0	22.77	22.88	22.90	24.50
	16QAM	1	0	22.86	22.91	22.87	24.50
		1	13	22.96	22.89	23.05	24.50
		1	24	22.95	22.97	22.85	24.50
		12	0	22.00	21.99	22.04	23.50
		12	6	22.03	21.97	21.99	23.50
		12	13	21.96	22.08	21.93	23.50
		25	0	21.98	22.02	22.10	23.50
	64QAM	1	0	21.97	21.99	22.05	23.50
		1	13	22.05	22.09	21.94	23.50
		1	24	22.06	22.03	22.04	23.50
		12	0	21.02	21.07	21.14	22.50
		12	6	21.11	21.03	21.12	22.50
		12	13	21.08	21.11	21.14	22.50

		25	0	21.09	21.08	21.07	22.50
	256QAM	1	0	19.18	19.38	19.32	20.50
		1	13	19.05	19.20	19.22	20.50
		1	24	19.28	19.27	19.39	20.50
		12	0	19.20	19.29	19.12	20.50
		12	6	19.29	19.26	19.20	20.50
		12	13	19.10	19.25	19.25	20.50
		25	0	19.19	19.11	19.43	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	23230	/	
10MHz	QPSK	1	0	/	23.91	/	25.50
		1	25	/	23.78	/	25.50
		1	49	/	23.84	/	25.50
		25	0	/	22.99	/	24.50
		25	13	/	22.79	/	24.50
		25	25	/	22.93	/	24.50
		50	0	/	22.79	/	24.50
	16QAM	1	0	/	22.90	/	24.50
		1	25	/	22.94	/	24.50
		1	49	/	23.00	/	24.50
		25	0	/	22.06	/	23.50
		25	13	/	22.06	/	23.50
		25	25	/	21.96	/	23.50
		50	0	/	22.03	/	23.50
	64QAM	1	0	/	21.99	/	23.50
		1	25	/	22.02	/	23.50
		1	49	/	22.05	/	23.50
		25	0	/	21.05	/	22.50
		25	13	/	21.12	/	22.50
		25	25	/	21.13	/	22.50
		50	0	/	21.16	/	22.50
	256QAM	1	0	/	19.20	/	20.50
		1	25	/	19.07	/	20.50
		1	49	/	19.25	/	20.50
		25	0	/	19.29	/	20.50
		25	13	/	19.23	/	20.50
		25	25	/	19.06	/	20.50
		50	0	/	19.26	/	20.50

LTE FDD Band 17 Ant0 Default&DS1&3&4&5				Conducted Power(dBm)				
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				23755	23790	23825		
5MHz	QPSK	1	0	23.33	23.34	23.40	25.00	
		1	13	23.20	23.31	23.31	25.00	
		1	24	23.33	23.30	23.35	25.00	
		12	0	22.33	22.33	22.33	24.00	
		12	6	22.33	22.41	22.47	24.00	
		12	13	22.44	22.49	22.49	24.00	
	16QAM	25	0	22.34	22.36	22.34	24.00	
		1	0	22.43	22.44	22.37	24.00	
		1	13	22.48	22.37	22.51	24.00	
		1	24	22.47	22.48	22.38	24.00	
		12	0	21.51	21.47	21.47	23.00	
		12	6	21.57	21.50	21.55	23.00	
	64QAM	12	13	21.54	21.49	21.48	23.00	
		25	0	21.48	21.53	21.51	23.00	
		1	0	21.45	21.52	21.53	23.00	
		1	13	21.53	21.56	21.50	23.00	
		1	24	21.58	21.49	21.47	23.00	
		12	0	20.52	20.62	20.57	22.00	
	256QAM	12	6	20.61	20.53	20.60	22.00	
		12	13	20.61	20.60	20.59	22.00	
		25	0	20.63	20.60	20.56	22.00	
		1	0	18.68	18.86	18.77	20.00	
		1	13	18.55	18.69	18.71	20.00	
		1	24	18.71	18.83	18.89	20.00	
	10MHz	QPSK	12	0	18.72	18.81	18.59	20.00
			12	6	18.71	18.80	18.73	20.00
			12	13	18.63	18.75	18.70	20.00
			25	0	18.71	18.64	18.94	20.00
1			0	23.37	23.43	23.38	25.00	
1			25	23.24	23.32	23.34	25.00	
16QAM		1	49	23.29	23.32	23.32	25.00	
		25	0	22.40	22.52	22.36	24.00	
		25	13	22.35	22.42	22.41	24.00	
		25	25	22.44	22.46	22.46	24.00	
		50	0	22.29	22.41	22.32	24.00	
		1	0	22.35	22.44	22.46	24.00	
64QAM		1	25	22.47	22.44	22.55	24.00	
		1	49	22.47	22.46	22.43	24.00	
		25	0	21.54	21.53	21.51	23.00	
		25	13	21.51	21.49	21.52	23.00	
		25	25	21.52	21.56	21.51	23.00	
		50	0	21.44	21.58	21.61	23.00	
16QAM		1	0	21.49	21.48	21.51	23.00	
		1	25	21.47	21.55	21.51	23.00	
		1	49	21.58	21.46	21.57	23.00	

		25	0	20.54	20.55	20.63	22.00
		25	13	20.61	20.61	20.56	22.00
		25	25	20.58	20.58	20.55	22.00
		50	0	20.59	20.55	20.60	22.00
	256QAM	1	0	18.67	18.80	18.82	20.00
		1	25	18.64	18.69	18.73	20.00
		1	49	18.76	18.85	18.90	20.00
		25	0	18.74	18.88	18.66	20.00
		25	13	18.70	18.77	18.75	20.00
		25	25	18.63	18.66	18.67	20.00
		50	0	18.75	18.55	18.92	20.00

LTE Band 26 Ant0 Default&DSI1&3&4&5				Conducted Power(dBm)					
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up		
				26697	26865	27033			
1.4MHz	QPSK	1	0	23.91	23.94	24.01	25.50		
		1	2	23.82	23.93	23.85	25.50		
		1	5	23.88	23.87	23.99	25.50		
		3	0	23.89	23.92	23.90	25.50		
		3	2	23.81	23.98	23.88	25.50		
		3	3	23.88	24.00	23.86	25.50		
	16QAM	6	0	22.91	23.02	22.87	24.50		
		1	0	23.06	23.06	22.97	24.50		
		1	2	22.98	23.05	23.18	24.50		
		1	5	23.12	23.00	23.03	24.50		
		3	0	23.13	23.06	23.02	24.50		
		3	2	23.12	23.03	23.05	24.50		
	64QAM	3	3	23.04	23.04	23.03	24.50		
		6	0	22.04	22.19	22.21	23.50		
		1	0	22.12	22.03	22.19	23.50		
		1	2	22.10	22.10	22.08	23.50		
		1	5	22.18	22.07	22.06	23.50		
		3	0	22.10	22.11	22.08	23.50		
	256QAM	3	2	22.19	22.14	22.08	23.50		
		3	3	22.17	22.06	22.06	23.50		
		6	0	21.17	21.14	21.12	22.50		
		1	0	19.66	19.89	19.79	20.50		
		1	2	19.65	19.78	19.74	20.50		
		1	5	19.71	19.80	19.90	20.50		
		3	0	19.78	19.86	19.65	20.50		
		3	2	19.76	19.78	19.75	20.50		
		3	3	19.59	19.73	19.72	20.50		
		6	0	19.67	19.55	19.86	20.50		
		Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
						26705	26865	27025	

3MHz	QPSK	1	0	24.32	24.24	24.36	25.50
		1	7	24.26	24.30	24.29	25.50
		1	14	24.31	24.22	24.23	25.50
		8	0	23.30	23.34	23.28	24.50
		8	4	23.29	23.35	23.37	24.50
		8	7	23.40	23.42	23.42	24.50
	16QAM	15	0	23.31	23.42	23.36	24.50
		1	0	23.42	23.43	23.41	24.50
		1	7	23.43	23.33	23.43	24.50
		1	14	23.48	23.44	23.43	24.50
		8	0	22.52	22.47	22.49	23.50
		8	4	22.48	22.48	22.52	23.50
	64QAM	8	7	22.48	22.55	22.41	23.50
		15	0	22.43	22.48	22.52	23.50
		1	0	22.49	22.49	22.51	23.50
		1	7	22.44	22.49	22.47	23.50
		1	14	22.56	22.48	22.44	23.50
		8	0	21.55	21.61	21.50	22.50
	256QAM	8	4	21.56	21.59	21.62	22.50
		8	7	21.63	21.56	21.60	22.50
		15	0	21.61	21.52	21.53	22.50
		1	0	19.73	19.88	19.78	20.50
		1	7	19.57	19.72	19.79	20.50
		1	14	19.81	19.84	19.92	20.50
5MHz	QPSK	8	0	19.71	19.81	19.60	20.50
		8	4	19.69	19.76	19.74	20.50
		8	7	19.55	19.74	19.70	20.50
		15	0	19.69	19.59	19.92	20.50
		1	0	24.33	24.29	24.29	25.50
		1	13	24.18	24.24	24.30	25.50
	16QAM	1	24	24.27	24.30	24.26	25.50
		12	0	23.38	23.38	23.35	24.50
		12	6	23.33	23.40	23.42	24.50
		12	13	23.37	23.47	23.47	24.50
		25	0	23.24	23.35	23.37	24.50
		1	0	23.38	23.43	23.37	24.50
	64QAM	1	13	23.35	23.43	23.51	24.50
		1	24	23.42	23.40	23.33	24.50
		12	0	22.56	22.42	22.50	23.50
		12	6	22.53	22.45	22.51	23.50
		12	13	22.45	22.50	22.42	23.50
		25	0	22.40	22.53	22.51	23.50
	QPSK	1	0	22.50	22.44	22.56	23.50
		1	13	22.50	22.52	22.40	23.50
		1	24	22.53	22.44	22.50	23.50
		12	0	21.54	21.56	21.54	22.50
		12	6	21.56	21.50	21.55	22.50
		12	13	21.59	21.63	21.52	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26715	26865	27015	
5MHz	QPSK	1	0	21.63	21.51	21.61	22.50

		1	0	19.70	19.89	19.80	20.50	
		1	13	19.62	19.73	19.79	20.50	
		1	24	19.82	19.79	19.90	20.50	
	256QAM	12	0	19.72	19.83	19.68	20.50	
		12	6	19.69	19.84	19.77	20.50	
		12	13	19.60	19.75	19.73	20.50	
		25	0	19.71	19.57	19.85	20.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				26750	26865	26990		
10MHz	QPSK	1	0	24.30	24.27	24.37	25.50	
		1	25	24.19	24.28	24.24	25.50	
		1	49	24.31	24.24	24.23	25.50	
		25	0	23.38	23.35	23.27	24.50	
		25	13	23.36	23.42	23.38	24.50	
		25	25	23.41	23.45	23.37	24.50	
		50	0	23.26	23.43	23.27	24.50	
	16QAM	1	0	23.42	23.41	23.43	24.50	
		1	25	23.40	23.40	23.47	24.50	
		1	49	23.48	23.49	23.38	24.50	
		25	0	22.50	22.50	22.42	23.50	
		25	13	22.48	22.46	22.44	23.50	
		25	25	22.43	22.47	22.48	23.50	
		50	0	22.51	22.46	22.55	23.50	
	64QAM	1	0	22.49	22.50	22.52	23.50	
		1	25	22.50	22.54	22.42	23.50	
		1	49	22.56	22.42	22.46	23.50	
		25	0	21.52	21.61	21.50	22.50	
		25	13	21.60	21.53	21.58	22.50	
		25	25	21.59	21.65	21.55	22.50	
		50	0	21.55	21.48	21.59	22.50	
	256QAM	1	0	19.64	19.87	19.78	20.50	
		1	25	19.62	19.77	19.77	20.50	
		1	49	19.80	19.84	19.89	20.50	
		25	0	19.73	19.84	19.62	20.50	
		25	13	19.77	19.84	19.74	20.50	
		25	25	19.54	19.74	19.74	20.50	
		50	0	19.69	19.58	19.93	20.50	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					26775	26865	26965	
15MHz	QPSK	1	0	24.37	24.43	24.38	25.50	
		1	38	24.26	24.34	24.20	25.50	
		1	74	24.20	24.24	24.29	25.50	
		36	0	23.37	23.49	23.43	24.50	
		36	18	23.36	23.38	23.35	24.50	
		36	39	23.33	23.40	23.34	24.50	
		75	0	23.25	23.37	23.33	24.50	
	16QAM	1	0	23.40	23.49	23.40	24.50	
		1	38	23.40	23.32	23.45	24.50	
		1	74	23.41	23.42	23.32	24.50	
		36	0	22.48	22.51	22.42	23.50	
		36	18	22.47	22.51	22.46	23.50	

		36	39	22.42	22.52	22.42	23.50
		75	0	22.43	22.46	22.52	23.50
	64QAM	1	0	22.47	22.45	22.54	23.50
		1	38	22.44	22.51	22.40	23.50
		1	74	22.48	22.45	22.51	23.50
		36	0	21.50	21.57	21.60	22.50
		36	18	21.64	21.53	21.57	22.50
		36	39	21.63	21.61	21.59	22.50
		75	0	21.57	21.46	21.58	22.50
	256QAM	1	0	19.67	19.84	19.76	20.50
		1	38	19.60	19.71	19.72	20.50
		1	74	19.74	19.83	19.85	20.50
		36	0	19.77	19.88	19.59	20.50
		36	18	19.76	19.76	19.76	20.50
		36	39	19.63	19.71	19.76	20.50
		75	0	19.70	19.55	19.92	20.50

LTE Band 26 Ant0 Default&DSI1&3&4&5 ENDC				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26697	26865	27033	
1.4MHz	QPSK	1	0	23.76	23.99	23.96	25.00
		1	2	23.73	23.84	23.59	25.00
		1	5	23.73	23.83	23.72	25.00
		3	0	23.49	23.55	23.93	25.00
		3	2	23.34	23.50	23.63	25.00
		3	3	23.58	23.45	23.56	25.00
		6	0	22.64	22.87	22.69	24.00
	16QAM	1	0	22.62	22.85	22.63	24.00
		1	2	22.67	22.86	22.83	24.00
		1	5	22.72	22.87	22.85	24.00
		3	0	22.48	22.51	22.58	24.00
		3	2	22.43	22.06	22.44	24.00
		3	3	22.33	22.66	22.46	24.00
		6	0	21.73	21.94	21.80	23.00
	64QAM	1	0	21.72	21.88	21.67	23.00
		1	2	21.66	21.86	21.80	23.00
		1	5	21.83	21.82	21.83	23.00
		3	0	21.73	22.83	21.89	23.00
		3	2	21.61	21.64	21.82	23.00
		3	3	21.62	21.76	21.74	23.00
		6	0	20.88	20.96	20.90	22.00
	256QAM	1	0	18.86	18.80	18.71	20.00
		1	2	18.76	18.71	18.77	20.00
		1	5	18.85	18.83	18.84	20.00
		3	0	18.76	18.80	18.59	20.00
		3	2	18.59	18.74	18.70	20.00

Bandwidth	Modulation	3	3	18.75	18.89	18.88	20.00	
		6	0	18.58	18.88	18.79	20.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				26705	26865	27025		
3MHz	QPSK	1	0	23.89	23.88	23.91	25.00	
		1	7	23.70	23.86	23.63	25.00	
		1	14	23.67	23.82	23.71	25.00	
		8	0	22.89	22.87	22.62	24.00	
		8	4	22.71	22.72	22.74	24.00	
		8	7	22.72	22.96	22.59	24.00	
	16QAM	15	0	22.63	22.85	22.74	24.00	
		1	0	22.63	22.75	22.60	24.00	
		1	7	22.69	22.85	22.85	24.00	
		1	14	22.68	22.85	22.79	24.00	
		8	0	21.76	21.80	21.93	23.00	
		8	4	21.83	21.81	21.62	23.00	
	64QAM	8	7	21.87	21.99	21.72	23.00	
		15	0	21.65	21.81	21.86	23.00	
		1	0	21.73	21.83	21.72	23.00	
		1	7	21.59	21.84	21.81	23.00	
		1	14	21.84	21.87	21.76	23.00	
		8	0	20.81	20.82	20.90	22.00	
	256QAM	8	4	20.76	20.76	20.84	22.00	
		8	7	20.71	20.97	20.80	22.00	
		15	0	20.79	20.90	20.86	22.00	
		1	0	18.73	18.86	18.86	20.00	
		1	7	18.77	18.81	18.70	20.00	
		1	14	18.77	18.84	18.82	20.00	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					26715	26865	27015	
	5MHz	QPSK	1	0	23.90	23.98	23.95	25.00
			1	13	23.71	23.87	23.70	25.00
1			24	23.70	23.92	23.67	25.00	
12			0	22.81	22.87	22.73	24.00	
12			6	22.81	22.80	22.61	24.00	
12			13	22.83	22.84	22.73	24.00	
16QAM		25	0	22.61	22.89	22.75	24.00	
		1	0	22.65	22.77	22.63	24.00	
		1	13	22.82	22.83	22.77	24.00	
		1	24	22.77	22.80	22.76	24.00	
		12	0	21.73	21.70	21.81	23.00	
		12	6	21.72	21.76	21.65	23.00	
64QAM		12	13	21.72	21.92	21.68	23.00	
		25	0	21.65	21.90	21.85	23.00	
		1	0	21.88	21.79	21.72	23.00	
		1	13	21.61	21.99	21.82	23.00	
		1	24	21.71	21.86	21.82	23.00	

		12	0	20.85	20.76	20.79	22.00
		12	6	20.79	20.76	20.87	22.00
		12	13	20.53	20.79	20.76	22.00
		25	0	20.88	20.98	20.85	22.00
	256QAM	1	0	18.88	18.71	18.83	20.00
		1	13	18.70	18.68	18.75	20.00
		1	24	18.70	18.79	18.87	20.00
		12	0	18.71	18.79	18.64	20.00
		12	6	18.69	18.89	18.80	20.00
		12	13	18.80	18.77	18.80	20.00
		25	0	18.73	18.75	18.86	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26750	26865	26990	
10MHz	QPSK	1	0	23.82	24.03	23.96	25.00
		1	25	23.69	23.76	23.66	25.00
		1	49	23.70	23.91	23.79	25.00
		25	0	22.83	22.90	22.62	24.00
		25	13	22.69	22.84	22.72	24.00
		25	25	22.83	22.91	22.70	24.00
		50	0	22.65	22.88	22.63	24.00
	16QAM	1	0	22.74	22.74	22.71	24.00
		1	25	22.82	23.00	22.69	24.00
		1	49	22.73	22.95	22.89	24.00
		25	0	21.73	21.76	21.91	23.00
		25	13	21.90	21.76	21.77	23.00
		25	25	21.73	21.79	21.68	23.00
		50	0	21.59	21.85	21.71	23.00
	64QAM	1	0	21.87	21.89	21.63	23.00
		1	25	21.72	21.97	21.73	23.00
		1	49	21.86	21.73	21.77	23.00
		25	0	20.78	20.86	20.86	22.00
		25	13	20.68	20.69	20.79	22.00
		25	25	20.72	20.98	20.84	22.00
		50	0	20.74	20.98	20.76	22.00
	256QAM	1	0	18.86	18.77	18.69	20.00
		1	25	18.75	18.75	18.73	20.00
		1	49	18.80	18.88	18.72	20.00
		25	0	18.76	18.81	18.75	20.00
		25	13	18.58	18.74	18.77	20.00
		25	25	18.72	18.77	18.87	20.00
		50	0	18.67	18.86	18.87	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26775	26865	26965	
15MHz	QPSK	1	0	23.91	24.05	23.97	25.00
		1	38	23.89	23.90	23.78	25.00
		1	74	23.81	23.96	23.81	25.00
		36	0	22.90	23.05	22.79	24.00
		36	18	22.88	22.88	22.78	24.00
		36	39	22.86	23.02	22.77	24.00
		75	0	22.76	23.03	22.79	24.00
	16QAM	1	0	22.81	22.94	22.77	24.00

		1	38	22.84	23.01	22.86	24.00
		1	74	22.86	22.99	22.92	24.00
		36	0	21.82	21.89	21.95	23.00
		36	18	21.90	21.90	21.78	23.00
		36	39	21.91	21.99	21.88	23.00
		75	0	21.77	21.95	21.90	23.00
	64QAM	1	0	21.89	21.93	21.80	23.00
		1	38	21.73	22.00	21.84	23.00
		1	74	21.88	21.90	21.85	23.00
		36	0	20.86	20.94	20.97	22.00
		36	18	20.80	20.88	20.90	22.00
		36	39	20.72	20.99	20.84	22.00
	256QAM	75	0	20.89	21.03	20.94	22.00
		1	0	18.88	18.89	18.88	20.00
		1	38	18.85	18.88	18.78	20.00
		1	74	18.89	18.98	18.92	20.00
		36	0	18.80	18.98	18.78	20.00
		36	18	18.75	18.93	18.81	20.00
		36	39	18.87	18.90	18.88	20.00
	75	0	18.78	18.93	18.90	20.00	

2 Conducted Power of Main Antenna(Ant1)

2.1 Conducted Power of GSM

GSM 850 DSI1&5										
Burst Output Power(dBm)					Tune up	Division Factors	Frame-Average Output Power(dBm)			Tune up
Channel	128	190	251				128	190	251	
GSM(GMSK)	GSM	29.38	29.38	29.34	30.80	-9.19	20.19	20.19	20.15	21.61
GPRS (GMSK)	1 TX Slot	29.33	29.39	29.32	30.80	-9.19	20.14	20.20	20.13	21.61
	2 TX Slots	26.37	26.30	26.30	27.80	-6.18	20.19	20.12	20.12	21.62
	3 TX Slots	24.58	24.63	24.60	26.00	-4.42	20.16	20.21	20.18	21.58
	4 TX Slots	23.49	23.55	23.37	24.80	-3.17	20.32	20.38	20.20	21.63
EGPRS (GMSK)	1 TX Slot	29.43	29.32	29.35	30.80	-9.19	20.24	20.13	20.16	21.61
	2 TX Slots	26.29	26.34	26.26	27.80	-6.18	20.11	20.16	20.08	21.62
	3 TX Slots	24.55	24.59	24.68	26.00	-4.42	20.13	20.17	20.26	21.58
	4 TX Slots	23.44	23.45	23.32	24.80	-3.17	20.27	20.28	20.15	21.63
EGPRS(8PSK)	1 TX Slot	23.76	23.83	23.79	24.70	-9.19	14.57	14.64	14.60	15.51
	2 TX Slots	20.83	20.96	20.90	21.70	-6.18	14.65	14.78	14.72	15.52
	3 TX Slots	19.29	19.28	19.32	19.90	-4.42	14.87	14.86	14.90	15.48
	4 TX Slots	17.93	17.69	17.70	18.70	-3.17	14.76	14.52	14.53	15.53

GSM 850 Default&DSI4										
Burst Output Power(dBm)					Tune up	Division Factors	Frame-Average Output Power(dBm)			Tune up
Channel	128	190	251				128	190	251	
GSM(GMSK)	GSM	32.17	32.21	32.15	33.80	-9.19	22.98	23.02	22.96	24.61
GPRS (GMSK)	1 TX Slot	32.14	32.19	32.13	33.80	-9.19	22.95	23.00	22.94	24.61
	2 TX Slots	29.15	29.13	29.07	30.80	-6.18	22.97	22.95	22.89	24.62
	3 TX Slots	27.36	27.45	27.39	29.00	-4.42	22.94	23.03	22.97	24.58
	4 TX Slots	26.24	26.31	26.18	27.80	-3.17	23.07	23.14	23.01	24.63
EGPRS (GMSK)	1 TX Slot	32.22	32.13	32.12	33.80	-9.19	23.03	22.94	22.93	24.61
	2 TX Slots	29.08	29.09	29.05	30.80	-6.18	22.90	22.91	22.87	24.62
	3 TX Slots	27.37	27.38	27.44	29.00	-4.42	22.95	22.96	23.02	24.58
	4 TX Slots	26.26	26.23	26.12	27.80	-3.17	23.09	23.06	22.95	24.63
EGPRS(8PSK)	1 TX Slot	26.53	26.62	26.58	27.70	-9.19	17.34	17.43	17.39	18.51
	2 TX Slots	23.65	23.73	23.68	24.70	-6.18	17.47	17.55	17.50	18.52
	3 TX Slots	22.10	22.08	22.09	22.90	-4.42	17.68	17.66	17.67	18.48
	4 TX Slots	20.69	20.50	20.54	21.70	-3.17	17.52	17.33	17.37	18.53

2.2 Conducted Power of WCDMA

WCDMA Band V Default					
Average Conducted Power(dBm)					
Channel		4132	4182	4233	Tune up
WCDMA	12.2kbps RMC	23.77	23.73	23.76	25.50
	12.2kbps AMR	23.70	23.65	23.63	25.50
HSDPA	Subtest 1	23.30	23.22	23.23	24.50
	Subtest 2	23.13	23.33	23.21	24.50
	Subtest 3	22.78	22.77	22.79	24.00
	Subtest 4	22.68	22.68	22.84	24.00
HSUPA	Subtest 1	21.26	21.13	21.11	23.00
	Subtest 2	21.33	21.28	21.14	22.50
	Subtest 3	22.24	22.08	22.25	23.50
	Subtest 4	20.64	20.72	20.76	22.50
	Subtest 5	22.32	22.21	22.26	23.50
DC-HSDPA	Subtest 1	23.19	23.18	23.44	24.50
	Subtest 2	23.15	23.17	23.37	24.50
	Subtest 3	22.67	22.70	22.63	24.00
	Subtest 4	22.70	22.65	22.80	24.00
HSPA+	16QAM	21.16	21.17	21.32	22.50

WCDMA Band V DSI1&5					
Average Conducted Power(dBm)					
Channel		4132	4182	4233	Tune up
WCDMA	12.2kbps RMC	21.03	21.07	21.02	22.00
	12.2kbps AMR	20.96	20.87	20.93	22.00
HSDPA	Subtest 1	20.61	20.49	20.50	21.00
	Subtest 2	20.51	20.60	20.52	21.00
	Subtest 3	20.07	20.11	20.00	20.50
	Subtest 4	20.10	19.94	20.09	20.50
HSUPA	Subtest 1	18.51	18.38	18.52	19.50
	Subtest 2	18.54	18.60	18.49	19.00
	Subtest 3	19.48	19.35	19.54	20.00
	Subtest 4	17.96	18.05	17.96	19.00
	Subtest 5	19.54	19.56	19.62	20.00
DC-HSDPA	Subtest 1	20.39	20.43	20.61	21.00
	Subtest 2	20.40	20.48	20.68	21.00
	Subtest 3	19.97	20.01	19.99	20.50
	Subtest 4	20.04	20.02	20.12	20.50
HSPA+	16QAM	18.52	18.45	18.52	19.00

WCDMA Band V DSI4					
Average Conducted Power(dBm)					
Channel		4132	4182	4233	Tune up
WCDMA	12.2kbps RMC	21.29	21.38	21.37	23.00
	12.2kbps AMR	21.28	21.20	21.21	23.00
HSDPA	Subtest 1	20.86	20.82	20.76	22.00

	Subtest 2	20.81	20.94	20.88	22.00
	Subtest 3	20.36	20.44	20.33	21.50
	Subtest 4	20.37	20.19	20.35	21.50
HSUPA	Subtest 1	18.78	18.71	18.78	20.50
	Subtest 2	18.88	18.84	18.82	20.00
	Subtest 3	19.79	19.71	19.92	21.00
	Subtest 4	18.27	18.36	18.30	20.00
	Subtest 5	19.84	19.81	19.90	21.00
DC-HSDPA	Subtest 1	20.76	20.73	20.94	22.00
	Subtest 2	20.66	20.79	21.01	22.00
	Subtest 3	20.25	20.34	20.30	21.50
	Subtest 4	20.29	20.27	20.38	21.50
HSPA+	16QAM	18.78	18.68	18.88	20.00

2.3 Conducted Power of LTE

LTE Band 5 Default				Conducted Power(dBm)				
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				20407	20525	20643		
1.4MHz	QPSK	1	0	24.58	24.66	24.50	25.70	
		1	2	24.50	24.60	24.44	25.70	
		1	5	24.54	24.55	24.53	25.70	
		3	0	24.20	24.15	24.07	25.70	
		3	2	24.17	24.15	24.23	25.70	
		3	3	24.24	24.26	24.45	25.70	
	16QAM	6	0	23.36	23.43	23.50	24.70	
		1	0	23.40	23.37	23.34	24.70	
		1	2	23.33	23.35	23.25	24.70	
		1	5	23.42	23.34	23.40	24.70	
		3	0	23.38	23.23	23.15	24.70	
		3	2	23.23	23.19	23.47	24.70	
	64QAM	3	3	23.34	23.21	23.23	24.70	
		6	0	22.56	22.23	22.59	23.70	
		1	0	22.15	22.53	22.48	23.70	
		1	2	22.15	22.47	22.62	23.70	
		1	5	22.37	22.44	22.40	23.70	
		3	0	22.36	22.41	22.22	23.70	
	256QAM	3	2	22.20	22.28	22.05	23.70	
		3	3	22.39	22.42	22.24	23.70	
		6	0	21.34	21.34	21.32	22.70	
		1	0	19.12	19.52	19.50	20.70	
			1	2	19.52	19.38	19.37	20.70

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				20415	20525	20635		
3MHz	QPSK	1	5	19.26	19.42	19.29	20.70	
		3	0	19.33	19.49	19.30	20.70	
		3	2	19.29	19.23	19.15	20.70	
		3	3	19.21	19.49	19.42	20.70	
		6	0	19.46	19.34	19.41	20.70	
		16QAM	1	0	24.48	24.59	24.63	25.70
			1	7	24.53	24.47	24.53	25.70
	1		14	24.57	24.54	24.41	25.70	
	8		0	23.32	23.33	23.17	24.70	
	8		4	23.36	23.38	23.42	24.70	
	8		7	23.34	23.40	23.49	24.70	
	15		0	23.36	23.47	23.47	24.70	
	64QAM	1	0	23.29	23.53	23.30	24.70	
		1	7	23.39	23.38	23.41	24.70	
		1	14	23.30	23.31	23.49	24.70	
		8	0	22.42	22.53	22.46	23.70	
		8	4	22.22	22.38	22.49	23.70	
		8	7	22.17	22.42	22.43	23.70	
		15	0	22.54	22.28	22.52	23.70	
	256QAM	1	0	22.35	22.47	22.35	23.70	
		1	7	22.25	22.56	22.44	23.70	
1		14	22.16	22.43	22.55	23.70		
8		0	21.35	21.57	21.32	22.70		
8		4	21.18	21.49	21.21	22.70		
8		7	21.37	21.47	21.42	22.70		
15		0	21.18	21.19	21.39	22.70		
QPSK	1	0	19.31	19.59	19.54	20.70		
	1	7	19.33	19.52	19.56	20.70		
	1	14	19.17	19.44	19.17	20.70		
	8	0	19.31	19.36	19.35	20.70		
	8	4	19.31	19.23	19.36	20.70		
	8	7	19.20	19.50	19.32	20.70		
	15	0	19.27	19.39	19.47	20.70		
5MHz	QPSK	1	0	24.52	24.61	24.47	25.70	
		1	13	24.34	24.41	24.36	25.70	
		1	24	24.54	24.41	24.37	25.70	
		12	0	23.30	23.27	23.39	24.70	
		12	6	23.39	23.38	23.41	24.70	
		12	13	23.55	23.39	23.36	24.70	
		25	0	23.31	23.40	23.43	24.70	
	16QAM	1	0	23.33	23.40	23.24	24.70	
		1	13	23.22	23.49	23.34	24.70	
		1	24	23.41	23.25	23.27	24.70	
		12	0	22.26	22.54	22.34	23.70	
		12	6	22.26	22.39	22.61	23.70	

	64QAM	12	13	22.22	22.53	22.45	23.70
		25	0	22.56	22.46	22.48	23.70
		1	0	22.35	22.40	22.48	23.70
		1	13	22.33	22.46	22.61	23.70
		1	24	22.30	22.20	22.35	23.70
		12	0	21.30	21.45	21.39	22.70
		12	6	21.16	21.45	21.39	22.70
		12	13	21.39	21.45	21.28	22.70
	25	0	21.41	21.35	21.28	22.70	
	256QAM	1	0	19.16	19.53	19.42	20.70
		1	13	19.39	19.57	19.52	20.70
		1	24	19.19	19.31	19.32	20.70
		12	0	19.44	19.30	19.25	20.70
		12	6	19.38	19.36	19.32	20.70
12		13	19.33	19.37	19.39	20.70	
25	0	19.46	19.43	19.37	20.70		
Bandwidth	Modulation	RB size	RB offset	Channel 20450	Channel 20525	Channel 20600	Tune up
10MHz	QPSK	1	0	24.59	24.68	24.65	25.70
		1	25	24.57	24.61	24.56	25.70
		1	49	24.57	24.61	24.59	25.70
		25	0	23.46	23.45	23.41	24.70
		25	13	23.49	23.48	23.46	24.70
		25	25	23.57	23.57	23.58	24.70
		50	0	23.55	23.63	23.58	24.70
	16QAM	1	0	23.50	23.55	23.44	24.70
		1	25	23.40	23.54	23.46	24.70
		1	49	23.48	23.49	23.49	24.70
		25	0	22.47	22.65	22.55	23.70
		25	13	22.43	22.53	22.62	23.70
		25	25	22.40	22.58	22.61	23.70
		50	0	22.58	22.46	22.63	23.70
	64QAM	1	0	22.36	22.61	22.56	23.70
		1	25	22.38	22.64	22.63	23.70
		1	49	22.39	22.44	22.56	23.70
		25	0	21.46	21.58	21.53	22.70
		25	13	21.34	21.55	21.42	22.70
		25	25	21.58	21.56	21.48	22.70
		50	0	21.41	21.43	21.50	22.70
	256QAM	1	0	19.36	19.66	19.61	20.70
		1	25	19.55	19.60	19.58	20.70
		1	49	19.36	19.54	19.41	20.70
25		0	19.48	19.52	19.47	20.70	
25		13	19.49	19.45	19.40	20.70	
25		25	19.45	19.51	19.44	20.70	
50		0	19.48	19.54	19.55	20.70	

LTE Band 5 DSI1&5				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20407	20525	20643	
1.4MHz	QPSK	1	0	21.01	21.08	21.01	22.20
		1	2	21.06	20.96	21.00	22.20
		1	5	21.06	21.03	20.97	22.20
		3	0	20.99	20.98	21.00	22.20
		3	2	20.92	20.91	20.99	22.20
		3	3	21.02	20.95	21.03	22.20
	16QAM	6	0	21.03	20.91	21.07	22.20
		1	0	20.95	20.90	20.97	22.20
		1	2	20.88	21.05	20.97	22.20
		1	5	20.97	20.94	20.98	22.20
		3	0	20.96	20.96	21.03	22.20
		3	2	20.99	21.03	21.03	22.20
	64QAM	3	3	20.96	21.01	20.99	22.20
		6	0	21.05	21.01	20.94	22.20
		1	0	21.00	21.08	20.96	22.20
		1	2	20.89	20.99	21.00	22.20
		1	5	21.03	20.97	20.92	22.20
		3	0	20.96	20.92	20.88	22.20
	256QAM	3	2	20.98	20.97	21.04	22.20
		3	3	20.98	20.98	20.98	22.20
		6	0	20.95	20.90	20.97	22.20
		1	0	19.51	19.79	19.70	20.70
		1	2	19.51	19.73	19.58	20.70
		1	5	19.66	19.38	19.82	20.70
3MHz	QPSK	3	0	19.62	19.77	19.52	20.70
		3	2	19.66	19.72	19.63	20.70
3		3	19.51	19.66	19.62	20.70	
6		0	19.71	19.49	19.79	20.70	
16QAM		1	0	21.02	21.04	21.05	22.20
		1	7	21.07	21.03	21.06	22.20
	1	14	21.07	21.01	20.92	22.20	
	8	0	21.01	20.96	21.02	22.20	
	8	4	20.89	20.90	21.03	22.20	
	8	7	20.99	20.96	20.96	22.20	
	15	0	20.98	20.90	21.02	22.20	
64QAM	1	0	20.93	20.98	20.98	22.20	
	1	7	20.93	20.99	20.97	22.20	
	1	14	21.00	20.94	20.90	22.20	
	8	0	20.96	21.00	21.01	22.20	
	8	4	21.02	21.00	20.95	22.20	
	8	7	20.94	21.02	21.02	22.20	

		1	7	20.89	20.93	21.02	22.20
		1	14	21.03	21.04	20.99	22.20
		8	0	20.87	21.01	20.96	22.20
		8	4	21.07	20.89	21.02	22.20
		8	7	20.96	20.95	20.98	22.20
		15	0	21.03	20.91	20.99	22.20
	256QAM	1	0	19.55	19.83	19.67	20.70
		1	7	19.57	19.67	19.60	20.70
		1	14	19.70	19.40	19.86	20.70
		8	0	19.56	19.76	19.53	20.70
		8	4	19.65	19.71	19.71	20.70
		8	7	19.46	19.60	19.56	20.70
		15	0	19.69	19.49	19.83	20.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20425	20525	20625	
5MHz	QPSK	1	0	21.06	21.07	21.01	22.20
		1	13	21.02	21.02	20.99	22.20
		1	24	21.05	21.03	20.90	22.20
		12	0	21.03	20.99	20.98	22.20
		12	6	20.93	20.91	21.02	22.20
		12	13	20.99	21.02	21.01	22.20
		25	0	20.99	20.89	20.98	22.20
	16QAM	1	0	20.93	20.96	20.98	22.20
		1	13	20.95	21.01	20.93	22.20
		1	24	20.95	21.00	20.90	22.20
		12	0	20.97	20.97	20.97	22.20
		12	6	20.94	21.01	21.00	22.20
		12	13	20.98	20.96	21.05	22.20
		25	0	20.97	20.96	20.98	22.20
	64QAM	1	0	21.04	21.03	20.99	22.20
		1	13	20.91	20.93	21.06	22.20
		1	24	20.98	21.02	20.97	22.20
		12	0	20.96	20.92	20.91	22.20
		12	6	21.02	20.97	21.00	22.20
		12	13	20.94	20.94	21.02	22.20
		25	0	20.98	20.94	20.97	22.20
	256QAM	1	0	19.58	19.73	19.69	20.70
		1	13	19.54	19.64	19.64	20.70
		1	24	19.65	19.44	19.81	20.70
		12	0	19.56	19.77	19.57	20.70
		12	6	19.70	19.77	19.69	20.70
		12	13	19.54	19.68	19.59	20.70
		25	0	19.69	19.50	19.79	20.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20450	20525	20600	
10MHz	QPSK	1	0	21.00	21.14	21.06	22.20
		1	25	21.04	20.98	21.03	22.20
		1	49	20.99	21.05	20.91	22.20
		25	0	21.03	21.11	20.99	22.20
		25	13	20.87	20.93	21.00	22.20

		25	25	21.05	21.02	20.97	22.20
		50	0	21.03	20.89	21.04	22.20
	16QAM	1	0	21.01	20.92	20.95	22.20
		1	25	20.98	21.08	20.92	22.20
		1	49	20.96	21.03	20.90	22.20
		25	0	20.97	21.03	21.00	22.20
		25	13	21.00	21.03	20.96	22.20
		25	25	20.92	21.03	21.05	22.20
		50	0	21.02	20.97	20.95	22.20
		64QAM	1	0	20.95	21.02	21.04
	1		25	20.98	20.98	21.02	22.20
	1		49	20.93	20.97	20.92	22.20
	25		0	20.88	20.97	20.87	22.20
	25		13	20.98	20.89	20.97	22.20
	25		25	20.95	20.98	20.95	22.20
	50		0	20.93	20.97	21.04	22.20
	256QAM	1	0	19.56	19.75	19.72	20.70
		1	25	19.59	19.72	19.61	20.70
		1	49	19.67	19.40	19.86	20.70
		25	0	19.62	19.69	19.48	20.70
		25	13	19.69	19.74	19.66	20.70
		25	25	19.48	19.68	19.54	20.70
		50	0	19.67	19.57	19.86	20.70

LTE Band 5 DS14				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20407	20525	20643	
1.4MHz	QPSK	1	0	21.36	21.30	21.34	22.70
		1	2	21.26	21.26	21.34	22.70
		1	5	21.31	21.21	21.33	22.70
		3	0	21.32	21.24	21.29	22.70
		3	2	21.27	21.20	21.37	22.70
		3	3	21.32	21.19	21.36	22.70
		6	0	21.36	21.25	21.31	22.70
	16QAM	1	0	21.26	21.23	21.31	22.70
		1	2	21.28	21.29	21.34	22.70
		1	5	21.28	21.21	21.32	22.70
		3	0	21.33	21.24	21.30	22.70
		3	2	21.34	21.20	21.30	22.70
		3	3	21.34	21.24	21.27	22.70
		6	0	21.31	21.28	21.32	22.70
	64QAM	1	0	21.33	21.23	21.37	22.70
		1	2	21.31	21.27	21.31	22.70
		1	5	21.35	21.28	21.29	22.70
		3	0	21.31	21.23	21.34	22.70
		3	2	21.26	21.27	21.36	22.70
		3	3	21.30	21.20	21.35	22.70

		6	0	21.34	21.28	21.32	22.70
	256QAM	1	0	19.32	19.61	19.53	20.70
		1	2	19.18	19.47	19.44	20.70
		1	5	19.55	19.18	19.56	20.70
		3	0	19.47	19.55	19.41	20.70
		3	2	19.45	19.55	19.49	20.70
		3	3	19.39	19.39	19.37	20.70
		6	0	19.38	19.28	19.57	20.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20415	20525	20635	
3MHz	QPSK	1	0	21.31	21.26	21.28	22.70
		1	7	21.29	21.28	21.31	22.70
		1	14	21.32	21.26	21.27	22.70
		8	0	21.30	21.26	21.27	22.70
		8	4	21.28	21.19	21.36	22.70
		8	7	21.35	21.27	21.30	22.70
		15	0	21.29	21.27	21.29	22.70
	16QAM	1	0	21.32	21.21	21.28	22.70
		1	7	21.29	21.20	21.30	22.70
		1	14	21.30	21.21	21.30	22.70
		8	0	21.34	21.22	21.30	22.70
		8	4	21.32	21.22	21.33	22.70
		8	7	21.29	21.27	21.34	22.70
		15	0	21.31	21.26	21.31	22.70
	64QAM	1	0	21.28	21.25	21.27	22.70
		1	7	21.26	21.27	21.29	22.70
		1	14	21.28	21.23	21.32	22.70
		8	0	21.35	21.25	21.30	22.70
		8	4	21.32	21.30	21.36	22.70
		8	7	21.31	21.26	21.28	22.70
		15	0	21.36	21.23	21.30	22.70
	256QAM	1	0	19.33	19.57	19.60	20.70
		1	7	19.19	19.54	19.44	20.70
		1	14	19.49	19.25	19.53	20.70
		8	0	19.43	19.52	19.37	20.70
		8	4	19.43	19.54	19.51	20.70
		8	7	19.36	19.35	19.39	20.70
15		0	19.32	19.29	19.51	20.70	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20425	20525	20625	
5MHz	QPSK	1	0	21.35	21.26	21.28	22.70
		1	13	21.29	21.28	21.33	22.70
		1	24	21.36	21.26	21.29	22.70
		12	0	21.27	21.21	21.29	22.70
		12	6	21.29	21.21	21.28	22.70
		12	13	21.28	21.25	21.30	22.70
		25	0	21.26	21.29	21.37	22.70
	16QAM	1	0	21.26	21.27	21.28	22.70
		1	13	21.32	21.22	21.29	22.70

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				20450	20525	20600		
10MHz	64QAM	1	24	21.28	21.20	21.28	22.70	
		12	0	21.29	21.29	21.35	22.70	
		12	6	21.27	21.25	21.37	22.70	
		12	13	21.26	21.25	21.28	22.70	
		25	0	21.36	21.27	21.34	22.70	
		1	0	21.29	21.23	21.32	22.70	
		1	13	21.36	21.29	21.36	22.70	
		1	24	21.31	21.30	21.30	22.70	
		12	0	21.33	21.30	21.36	22.70	
		12	6	21.30	21.26	21.37	22.70	
		12	13	21.30	21.24	21.36	22.70	
		25	0	21.36	21.30	21.36	22.70	
		256QAM	1	0	19.40	19.58	19.52	20.70
			1	13	19.25	19.55	19.38	20.70
			1	24	19.54	19.25	19.56	20.70
	12		0	19.48	19.51	19.42	20.70	
	12		6	19.41	19.58	19.41	20.70	
	12		13	19.39	19.39	19.43	20.70	
	25		0	19.39	19.30	19.52	20.70	
	10MHz	QPSK	1	0	21.38	21.39	21.36	22.70
			1	25	21.29	21.20	21.27	22.70
			1	49	21.27	21.26	21.34	22.70
			25	0	21.35	21.36	21.33	22.70
			25	13	21.30	21.28	21.27	22.70
			25	25	21.28	21.22	21.32	22.70
			50	0	21.31	21.38	21.30	22.70
		16QAM	1	0	21.35	21.30	21.29	22.70
			1	25	21.32	21.21	21.33	22.70
			1	49	21.26	21.24	21.27	22.70
			25	0	21.31	21.22	21.34	22.70
25			13	21.35	21.25	21.31	22.70	
25			25	21.25	21.28	21.32	22.70	
50			0	21.35	21.25	21.27	22.70	
64QAM		1	0	21.26	21.29	21.28	22.70	
		1	25	21.34	21.29	21.29	22.70	
		1	49	21.31	21.23	21.31	22.70	
		25	0	21.35	21.29	21.27	22.70	
		25	13	21.34	21.28	21.32	22.70	
		25	25	21.34	21.27	21.34	22.70	
		50	0	21.26	21.29	21.35	22.70	
256QAM		1	0	19.39	19.61	19.55	20.70	
		1	25	19.21	19.55	19.40	20.70	
		1	49	19.51	19.21	19.61	20.70	
		25	0	19.44	19.50	19.37	20.70	
		25	13	19.43	19.53	19.43	20.70	
		25	25	19.40	19.40	19.39	20.70	
		50	0	19.38	19.31	19.54	20.70	

LTE Band 5 Default ENDC				Conducted Power(dBm)				
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				20407	20525	20643		
1.4MHz	QPSK	1	0	24.22	24.39	24.26	25.50	
		1	2	24.03	24.29	24.08	25.50	
		1	5	24.02	24.17	24.33	25.50	
		3	0	24.02	24.38	23.94	25.50	
		3	2	23.81	23.97	24.01	25.50	
		3	3	23.98	23.90	23.93	25.50	
	16QAM	6	0	23.15	23.37	23.05	24.50	
		1	0	23.19	23.44	23.05	24.50	
		1	2	23.31	23.19	22.99	24.50	
		1	5	23.08	23.25	23.15	24.50	
		3	0	23.06	23.23	23.03	24.50	
		3	2	23.17	23.05	22.91	24.50	
	64QAM	3	3	23.07	23.04	22.94	24.50	
		6	0	22.32	22.29	22.20	23.50	
		1	0	22.21	22.11	22.18	23.50	
		1	2	22.04	22.19	22.17	23.50	
		1	5	22.07	22.40	22.07	23.50	
		3	0	22.01	22.21	22.09	23.50	
	256QAM	3	2	22.29	22.33	22.05	23.50	
		3	3	22.34	21.99	22.18	23.50	
		6	0	21.21	21.27	21.16	22.50	
		1	0	19.30	19.04	19.31	20.50	
		1	2	19.24	19.32	19.14	20.50	
		1	5	19.00	19.18	19.24	20.50	
		3	0	19.15	19.41	19.22	20.50	
		3	2	19.18	19.05	19.11	20.50	
	3MHz	QPSK	3	3	19.14	19.21	19.11	20.50
			6	0	19.14	19.24	19.26	20.50
16QAM	1		0	24.37	24.27	24.18	25.50	
	1		7	24.08	24.32	23.98	25.50	
	1		14	24.15	24.19	24.15	25.50	
	8		0	23.27	23.33	23.07	24.50	
	8		4	23.09	23.11	23.10	24.50	
	8	7	23.17	23.06	23.03	24.50		
	15	0	23.11	23.17	23.14	24.50		
	64QAM	1	0	23.07	23.25	23.27	24.50	
		1	7	23.21	23.08	23.08	24.50	
		1	14	23.14	23.21	23.13	24.50	
8		0	22.13	22.22	22.33	23.50		
8		4	22.18	22.32	22.13	23.50		
8		7	22.18	22.17	22.13	23.50		
3MHz	64QAM	15	0	22.19	22.37	22.31	23.50	
		1	0	22.10	22.15	22.31	23.50	

		1	7	22.11	22.22	22.16	23.50
		1	14	22.00	22.41	22.22	23.50
		8	0	20.97	21.31	21.11	22.50
		8	4	21.29	21.38	21.22	22.50
		8	7	21.25	21.11	21.23	22.50
	15	0	21.06	21.41	21.11	22.50	
	256QAM	1	0	19.29	19.08	19.20	20.50
		1	7	19.09	19.23	19.00	20.50
		1	14	19.12	19.23	19.23	20.50
		8	0	19.04	19.19	19.26	20.50
		8	4	19.16	19.09	19.27	20.50
8		7	19.24	19.35	18.93	20.50	
15	0	19.16	19.13	19.14	20.50		
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20425	20525	20625	
5MHz	QPSK	1	0	24.15	24.30	24.19	25.50
		1	13	24.12	24.25	24.07	25.50
		1	24	24.10	24.00	24.28	25.50
		12	0	23.34	23.30	23.05	24.50
		12	6	23.05	23.30	23.13	24.50
		12	13	22.99	23.07	23.04	24.50
	16QAM	25	0	23.20	23.35	22.97	24.50
		1	0	23.08	23.43	23.23	24.50
		1	13	23.36	23.19	23.04	24.50
		1	24	23.14	23.15	23.07	24.50
		12	0	22.28	22.27	22.17	23.50
		12	6	22.10	22.19	21.99	23.50
	64QAM	12	13	22.24	22.18	22.09	23.50
		25	0	22.16	22.22	22.19	23.50
		1	0	22.03	22.18	22.22	23.50
		1	13	22.01	22.22	22.16	23.50
		1	24	21.99	22.30	22.19	23.50
		12	0	21.16	21.23	21.12	22.50
	256QAM	12	6	21.09	21.19	21.23	22.50
		12	13	21.32	21.06	21.07	22.50
		25	0	21.15	21.25	21.00	22.50
		1	0	19.25	19.01	19.17	20.50
		1	13	19.08	19.19	19.02	20.50
		1	24	19.02	19.31	19.15	20.50
		12	0	19.08	19.34	19.40	20.50
		12	6	19.23	19.06	19.22	20.50
		12	13	19.10	19.27	19.12	20.50
25		0	19.06	19.16	19.12	20.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20450	20525	20600	
10MHz	QPSK	1	0	24.38	24.46	24.41	25.50
		1	25	24.18	24.41	24.23	25.50
		1	49	24.21	24.21	24.36	25.50
		25	0	23.37	23.43	23.17	24.50
		25	13	23.26	23.34	23.30	24.50

		25	25	23.22	23.24	23.18	24.50	
		50	0	23.32	23.38	23.21	24.50	
	16QAM	1	0	23.30	23.45	23.28	24.50	
		1	25	23.38	23.30	23.23	24.50	
		1	49	23.18	23.28	23.25	24.50	
		25	0	22.33	22.31	22.40	23.50	
		25	13	22.21	22.34	22.20	23.50	
		25	25	22.27	22.34	22.28	23.50	
		50	0	22.36	22.39	22.38	23.50	
	64QAM	1	0	22.26	22.25	22.33	23.50	
		1	25	22.13	22.27	22.28	23.50	
		1	49	22.18	22.45	22.26	23.50	
		25	0	21.21	21.39	21.31	22.50	
		25	13	21.34	21.40	21.26	22.50	
		25	25	21.35	21.29	21.31	22.50	
	256QAM	50	0	21.23	21.41	21.24	22.50	
		1	0	19.33	19.22	19.35	20.50	
		1	25	19.30	19.41	19.16	20.50	
		1	49	19.17	19.40	19.27	20.50	
		25	0	19.18	19.43	19.40	20.50	
		25	13	19.23	19.28	19.32	20.50	
		25	25	19.27	19.37	19.17	20.50	
			50	0	19.23	19.26	19.31	20.50

LTE Band 5 DSI1&5 ENDC				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20407	20525	20643	
1.4MHz	QPSK	1	0	20.99	21.05	20.90	22.00
		1	2	21.02	20.90	20.86	22.00
		1	5	20.87	20.90	20.88	22.00
		3	0	20.80	20.92	20.80	22.00
		3	2	20.88	20.90	20.84	22.00
		3	3	21.02	20.93	20.89	22.00
		6	0	20.94	20.73	21.04	22.00
	16QAM	1	0	20.79	20.77	20.84	22.00
		1	2	20.76	21.03	20.78	22.00
		1	5	20.84	20.90	20.97	22.00
		3	0	20.88	20.95	20.99	22.00
		3	2	20.80	20.96	21.00	22.00
		3	3	20.89	20.88	20.87	22.00
		6	0	20.97	20.92	20.86	22.00
	64QAM	1	0	20.87	20.89	20.81	22.00
		1	2	20.88	20.79	20.97	22.00
		1	5	21.02	20.94	20.81	22.00
		3	0	20.80	20.84	20.76	22.00
		3	2	20.88	20.93	20.86	22.00
		3	3	20.91	20.84	20.84	22.00

	256QAM	6	0	20.80	20.70	20.87	22.00
		1	0	19.50	19.63	19.66	20.50
		1	2	19.39	19.69	19.38	20.50
		1	5	19.63	19.29	19.64	20.50
		3	0	19.58	19.62	19.41	20.50
		3	2	19.54	19.54	19.61	20.50
		3	3	19.50	19.52	19.57	20.50
6	0	19.53	19.44	19.63	20.50		
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20415	20525	20635	
3MHz	QPSK	1	0	20.89	20.88	20.88	22.00
		1	7	21.04	20.92	21.04	22.00
		1	14	21.00	20.91	20.81	22.00
		8	0	20.85	20.93	21.00	22.00
		8	4	20.85	20.89	20.95	22.00
		8	7	20.93	20.93	20.86	22.00
		15	0	20.85	20.87	20.83	22.00
	16QAM	1	0	20.90	20.97	20.82	22.00
		1	7	20.89	20.90	20.88	22.00
		1	14	20.93	20.75	20.82	22.00
		8	0	20.93	20.91	20.94	22.00
		8	4	20.94	20.89	20.82	22.00
		8	7	20.92	20.83	20.82	22.00
		15	0	20.82	20.87	20.84	22.00
	64QAM	1	0	20.98	20.93	20.93	22.00
		1	7	20.88	20.81	20.95	22.00
		1	14	20.83	20.94	20.88	22.00
		8	0	20.77	20.88	20.82	22.00
		8	4	20.91	20.89	21.01	22.00
		8	7	20.87	20.89	20.95	22.00
		15	0	20.93	20.74	20.99	22.00
	256QAM	1	0	19.54	19.81	19.58	20.50
		1	7	19.43	19.48	19.60	20.50
		1	14	19.69	19.24	19.86	20.50
		8	0	19.51	19.75	19.41	20.50
		8	4	19.59	19.69	19.60	20.50
		8	7	19.33	19.40	19.47	20.50
15		0	19.56	19.43	19.82	20.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20425	20525	20625	
5MHz	QPSK	1	0	21.03	20.97	20.86	22.00
		1	13	20.82	20.97	20.82	22.00
		1	24	20.87	20.85	20.87	22.00
		12	0	21.03	20.86	20.86	22.00
		12	6	20.91	20.88	20.92	22.00
		12	13	20.97	20.82	20.91	22.00
		25	0	20.87	20.85	20.97	22.00
	16QAM	1	0	20.92	20.82	20.85	22.00
		1	13	20.87	20.96	20.73	22.00



		1	24	20.76	20.94	20.72	22.00
		12	0	20.89	20.88	20.82	22.00
		12	6	20.91	20.91	20.83	22.00
		12	13	20.95	20.87	21.04	22.00
		25	0	20.94	20.87	20.80	22.00
	64QAM	1	0	20.90	21.00	20.94	22.00
		1	13	20.82	20.85	21.05	22.00
		1	24	20.95	20.83	20.89	22.00
		12	0	20.78	20.88	20.87	22.00
		12	6	20.92	20.88	20.86	22.00
	256QAM	12	13	20.82	20.82	20.92	22.00
		25	0	20.90	20.78	20.94	22.00
		1	0	19.55	19.64	19.63	20.50
		1	13	19.40	19.56	19.60	20.50
		1	24	19.56	19.27	19.62	20.50
		12	0	19.53	19.71	19.50	20.50
		12	6	19.51	19.62	19.61	20.50
		12	13	19.54	19.67	19.43	20.50
		25	0	19.58	19.47	19.77	20.50
		Bandwidth	Modulation	RB size	RB offset	Channel	Channel
				20450	20525	20600	
10MHz	QPSK	1	0	20.80	21.05	21.00	22.00
		1	25	21.02	20.94	20.86	22.00
		1	49	20.88	20.94	20.77	22.00
		25	0	20.84	21.03	20.83	22.00
		25	13	20.71	20.89	20.90	22.00
		25	25	20.94	20.95	20.80	22.00
		50	0	20.95	20.74	20.88	22.00
	16QAM	1	0	20.89	20.82	20.78	22.00
		1	25	20.84	20.90	20.73	22.00
		1	49	20.86	20.86	20.77	22.00
		25	0	20.91	21.01	20.88	22.00
		25	13	21.00	20.99	20.82	22.00
		25	25	20.84	20.88	20.95	22.00
		50	0	20.83	20.95	20.81	22.00
	64QAM	1	0	20.82	20.95	20.97	22.00
		1	25	20.93	20.88	20.92	22.00
		1	49	20.90	20.88	20.92	22.00
		25	0	20.74	20.78	20.76	22.00
		25	13	20.86	20.70	20.93	22.00
		25	25	20.91	20.96	20.93	22.00
		50	0	20.76	20.96	20.89	22.00
	256QAM	1	0	19.38	19.61	19.70	20.50
		1	25	19.40	19.54	19.46	20.50
		1	49	19.61	19.39	19.66	20.50
		25	0	19.53	19.61	19.39	20.50
		25	13	19.59	19.55	19.48	20.50
		25	25	19.45	19.50	19.42	20.50
		50	0	19.59	19.38	19.75	20.50

LTE Band 5 DSI4 ENDC				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20407	20525	20643	
1.4MHz	QPSK	1	0	20.82	21.07	20.98	22.50
		1	2	20.99	20.86	21.05	22.50
		1	5	21.02	20.86	20.82	22.50
		3	0	20.81	20.89	20.81	22.50
		3	2	20.93	21.02	21.03	22.50
		3	3	20.85	20.97	21.01	22.50
	16QAM	6	0	20.95	21.00	20.88	22.50
		1	0	20.95	20.92	20.87	22.50
		1	2	20.80	20.92	20.71	22.50
		1	5	20.94	20.88	20.91	22.50
		3	0	20.97	20.78	20.83	22.50
		3	2	20.85	20.88	20.98	22.50
	64QAM	3	3	20.84	20.84	20.83	22.50
		6	0	20.84	20.74	20.98	22.50
		1	0	20.94	20.82	21.03	22.50
		1	2	20.83	20.80	20.79	22.50
		1	5	20.94	20.84	20.83	22.50
		3	0	20.93	20.78	20.81	22.50
	256QAM	3	2	20.82	20.94	20.96	22.50
		3	3	20.91	20.96	20.71	22.50
		6	0	20.96	20.92	20.86	22.50
		1	0	19.60	19.73	19.58	20.50
		1	2	19.39	19.59	19.40	20.50
		1	5	19.62	19.33	19.75	20.50
3MHz	QPSK	3	0	19.61	19.56	19.53	20.50
		3	2	19.43	19.53	19.53	20.50
		3	3	19.49	19.34	19.39	20.50
		6	0	19.51	19.32	19.57	20.50
		1	0	20.99	20.88	21.08	22.50
		1	7	20.80	20.87	20.91	22.50
	16QAM	1	14	20.92	20.82	20.90	22.50
		8	0	20.96	20.89	20.83	22.50
		8	4	21.05	20.91	20.84	22.50
		8	7	20.97	20.95	20.86	22.50
		15	0	20.87	20.88	20.87	22.50
		1	0	20.92	20.91	20.90	22.50
16QAM	1	7	20.85	20.83	20.92	22.50	
	1	14	20.97	20.84	20.82	22.50	
	8	0	20.76	20.81	20.91	22.50	
	8	4	20.91	20.85	20.96	22.50	
	8	7	20.92	20.84	21.06	22.50	
	15	0	20.82	20.80	20.90	22.50	

	64QAM	1	0	20.97	20.88	20.88	22.50
		1	7	20.90	20.89	20.97	22.50
		1	14	20.85	20.85	20.86	22.50
		8	0	20.83	20.87	20.94	22.50
		8	4	20.92	20.82	20.86	22.50
		8	7	20.84	20.84	20.92	22.50
		15	0	21.01	20.87	20.97	22.50
	256QAM	1	0	19.53	19.68	19.70	20.50
		1	7	19.33	19.51	19.52	20.50
		1	14	19.64	19.44	19.67	20.50
		8	0	19.50	19.67	19.48	20.50
		8	4	19.47	19.61	19.58	20.50
		8	7	19.32	19.53	19.52	20.50
		15	0	19.46	19.45	19.69	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20425	20525	20625	
5MHz	QPSK	1	0	20.89	21.03	20.90	22.50
		1	13	20.91	20.95	20.86	22.50
		1	24	20.76	20.89	20.97	22.50
		12	0	20.90	20.79	20.80	22.50
		12	6	20.90	20.90	20.98	22.50
		12	13	20.77	20.91	21.00	22.50
		25	0	20.87	20.85	20.84	22.50
	16QAM	1	0	20.85	20.98	20.90	22.50
		1	13	20.91	20.91	20.94	22.50
		1	24	20.91	20.90	20.90	22.50
		12	0	20.86	21.01	20.84	22.50
		12	6	20.91	20.85	20.99	22.50
		12	13	20.94	20.84	20.86	22.50
		25	0	20.97	20.86	20.80	22.50
	64QAM	1	0	20.93	20.83	20.98	22.50
		1	13	20.99	20.96	20.87	22.50
		1	24	21.02	20.83	20.77	22.50
		12	0	21.00	20.91	20.97	22.50
		12	6	20.83	20.98	20.85	22.50
		12	13	20.84	20.89	20.91	22.50
		25	0	20.90	20.95	20.93	22.50
	256QAM	1	0	19.48	19.71	19.59	20.50
		1	13	19.44	19.51	19.51	20.50
		1	24	19.57	19.36	19.62	20.50
		12	0	19.47	19.71	19.58	20.50
		12	6	19.38	19.52	19.43	20.50
		12	13	19.45	19.41	19.52	20.50
		25	0	19.44	19.50	19.71	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20450	20525	20600	
10MHz	QPSK	1	0	20.80	21.11	20.84	22.50
		1	25	20.84	20.93	20.82	22.50
		1	49	20.91	20.89	20.93	22.50
		25	0	20.97	21.04	20.90	22.50

	16QAM	25	13	20.89	20.89	20.88	22.50
		25	25	20.81	20.87	20.97	22.50
		50	0	20.85	20.87	21.06	22.50
		1	0	20.87	20.90	20.91	22.50
		1	25	20.94	20.84	20.94	22.50
		1	49	20.92	20.82	20.88	22.50
		25	0	20.87	20.92	20.89	22.50
		25	13	20.81	20.72	20.98	22.50
		25	25	20.82	20.89	20.87	22.50
	64QAM	50	0	20.87	20.87	20.95	22.50
		1	0	20.87	20.95	20.98	22.50
		1	25	20.94	20.91	20.83	22.50
		1	49	20.84	20.76	20.95	22.50
		25	0	20.41	20.34	20.46	22.50
		25	13	20.34	20.45	20.39	22.50
		25	25	20.41	20.40	20.35	22.50
		50	0	20.49	20.49	20.35	22.50
		256QAM	1	0	19.43	19.78	19.68
	1		25	19.42	19.69	19.52	20.50
	1		49	19.58	19.40	19.63	20.50
	25		0	19.59	19.66	19.41	20.50
	25		13	19.56	19.71	19.49	20.50
	25		25	19.57	19.49	19.51	20.50
	50		0	19.45	19.40	19.56	20.50

LTE FDD Band 12 Default&DS1&4&5				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				23017	23095	23173	
1.4MHz	QPSK	1	0	23.54	23.49	23.59	25.40
		1	2	23.47	23.50	23.53	25.40
		1	5	23.51	23.41	23.60	25.40
		3	0	23.43	23.56	23.44	25.40
		3	2	23.43	23.57	23.48	25.40
		3	3	23.45	23.58	23.54	25.40
		6	0	22.48	22.67	22.53	24.40
	16QAM	1	0	22.65	22.62	22.57	24.40
		1	2	22.57	22.60	22.76	24.40
		1	5	22.73	22.65	22.64	24.40
		3	0	22.71	22.61	22.59	24.40
		3	2	22.69	22.62	22.64	24.40
		3	3	22.63	22.61	22.67	24.40
		6	0	21.66	21.75	21.82	23.40
	64QAM	1	0	21.63	21.66	21.78	23.40
		1	2	21.62	21.74	21.64	23.40
		1	5	21.73	21.67	21.71	23.40
		3	0	21.78	21.75	21.70	23.40
		3	2	21.73	21.73	21.74	23.40
		3	3	21.73	21.68	21.69	23.40
		6	0	20.71	20.74	20.75	22.40

		1	0	18.91	19.08	18.97	20.40
		1	2	18.76	18.98	18.99	20.40
		1	5	18.98	18.75	19.10	20.40
		3	0	18.99	19.04	18.80	20.40
		3	2	18.97	19.02	18.91	20.40
		3	3	18.84	18.92	18.90	20.40
		6	0	18.98	18.77	19.09	20.40
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				23025	23095	23165	
3MHz	QPSK	1	0	23.53	23.58	23.54	25.40
		1	7	23.51	23.46	23.45	25.40
		1	14	23.53	23.48	23.47	25.40
		8	0	22.54	22.57	22.53	24.40
		8	4	22.54	22.62	22.56	24.40
		8	7	22.64	22.63	22.59	24.40
		15	0	22.52	22.53	22.49	24.40
	16QAM	1	0	22.57	22.58	22.62	24.40
		1	7	22.58	22.65	22.65	24.40
		1	14	22.65	22.62	22.61	24.40
		8	0	21.68	21.70	21.75	23.40
		8	4	21.72	21.66	21.66	23.40
		8	7	21.68	21.64	21.74	23.40
		15	0	21.69	21.65	21.67	23.40
	64QAM	1	0	21.74	21.71	21.67	23.40
		1	7	21.72	21.72	21.70	23.40
		1	14	21.70	21.74	21.75	23.40
		8	0	20.75	20.77	20.74	22.40
		8	4	20.72	20.79	20.79	22.40
		8	7	20.80	20.77	20.79	22.40
		15	0	20.77	20.82	20.80	22.40
	256QAM	1	0	18.91	19.06	18.97	20.40
		1	7	18.74	18.89	18.94	20.40
		1	14	18.92	18.75	19.05	20.40
		8	0	18.92	19.00	18.89	20.40
		8	4	18.90	18.98	18.89	20.40
		8	7	18.85	18.93	18.88	20.40
		15	0	18.97	18.77	19.13	20.40
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				23035	23095	23155	
5MHz	QPSK	1	0	23.49	23.55	23.55	25.40
		1	13	23.51	23.47	23.46	25.40
		1	24	23.56	23.47	23.54	25.40
		12	0	22.56	22.49	22.51	24.40
		12	6	22.52	22.61	22.61	24.40
		12	13	22.62	22.66	22.62	24.40
		25	0	22.51	22.53	22.54	24.40
	16QAM	1	0	22.58	22.67	22.61	24.40
		1	13	22.60	22.62	22.66	24.40
		1	24	22.68	22.58	22.57	24.40
		12	0	21.71	21.67	21.66	23.40
		12	6	21.71	21.64	21.67	23.40

		12	13	21.75	21.74	21.70	23.40
		25	0	21.72	21.70	21.68	23.40
	64QAM	1	0	21.67	21.70	21.74	23.40
		1	13	21.66	21.67	21.73	23.40
		1	24	21.68	21.70	21.74	23.40
		12	0	20.78	20.77	20.81	22.40
		12	6	20.80	20.74	20.72	22.40
		12	13	20.72	20.74	20.76	22.40
		25	0	20.74	20.83	20.75	22.40
	256QAM	1	0	18.93	19.07	18.93	20.40
		1	13	18.78	18.92	18.97	20.40
		1	24	18.94	18.79	19.11	20.40
		12	0	19.00	19.06	18.78	20.40
		12	6	18.90	19.03	18.89	20.40
12		13	18.81	18.87	18.94	20.40	
25		0	18.88	18.75	19.06	20.40	
Bandwidth	Modulation	RB size	RB offset	Channel 23060	Channel 23095	Channel 23130	Tune up
10MHz	QPSK	1	0	23.49	23.57	23.48	25.40
		1	25	23.48	23.48	23.43	25.40
		1	49	23.40	23.47	23.45	25.40
		25	0	22.56	22.55	22.56	24.40
		25	13	22.55	22.48	22.46	24.40
		25	25	22.51	22.55	22.53	24.40
		50	0	22.54	22.58	22.54	24.40
	16QAM	1	0	22.58	22.65	22.59	24.40
		1	25	22.58	22.57	22.67	24.40
		1	49	22.65	22.59	22.64	24.40
		25	0	21.68	21.75	21.70	23.40
		25	13	21.74	21.67	21.69	23.40
		25	25	21.75	21.74	21.65	23.40
		50	0	21.74	21.71	21.68	23.40
	64QAM	1	0	21.74	21.75	21.72	23.40
		1	25	21.65	21.68	21.72	23.40
		1	49	21.74	21.66	21.73	23.40
		25	0	20.76	20.82	20.78	22.40
		25	13	20.82	20.72	20.75	22.40
		25	25	20.82	20.82	20.73	22.40
		50	0	20.75	20.79	20.80	22.40
	256QAM	1	0	18.92	19.05	18.98	20.40
		1	25	18.78	19.00	18.99	20.40
		1	49	18.99	18.81	19.06	20.40
		25	0	18.95	19.04	18.83	20.40
		25	13	18.95	18.95	18.92	20.40
		25	25	18.76	18.97	18.93	20.40
		50	0	18.88	18.80	19.11	20.40

LTE FDD Band 13 DSI1&5				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				23205	23230	23255	
5MHz	QPSK	1	0	22.26	22.19	22.21	23.70
		1	13	22.18	22.17	22.23	23.70
		1	24	22.22	22.21	22.30	23.70
		12	0	22.18	22.21	22.27	23.70
		12	6	22.17	22.07	22.12	23.70
		12	13	22.28	22.24	22.20	23.70
	16QAM	25	0	22.19	22.18	22.26	23.70
		1	0	22.22	22.10	22.20	23.70
		1	13	22.29	22.20	22.29	23.70
		1	24	22.27	22.23	22.27	23.70
		12	0	22.18	22.16	22.12	23.70
		12	6	22.33	22.25	22.21	23.70
	64QAM	12	13	22.18	22.14	22.18	23.70
		25	0	22.22	22.17	22.10	23.70
		1	0	22.16	22.23	22.27	23.70
		1	13	22.19	22.12	22.08	23.70
		1	24	22.24	22.29	22.26	23.70
		12	0	21.22	21.26	21.31	22.70
	256QAM	12	6	21.24	21.26	21.30	22.70
		12	13	21.32	21.19	21.30	22.70
		25	0	21.36	21.30	21.23	22.70
		1	0	19.11	19.35	19.30	20.70
		1	13	19.17	19.30	19.20	20.70
		1	24	19.33	19.14	19.38	20.70
10MHz	QPSK	12	0	19.22	19.36	19.13	20.70
		12	6	19.26	19.28	19.28	20.70
12		13	19.06	19.14	19.13	20.70	
25		0	19.14	19.13	19.33	20.70	
1		0	/	22.87	/	23.70	
1		25	/	22.70	/	23.70	
10MHz	16QAM	1	49	/	22.71	/	23.70
		25	0	/	22.84	/	23.70
		25	13	/	22.56	/	23.70
		25	25	/	22.68	/	23.70
		50	0	/	22.71	/	23.70
		1	0	/	22.59	/	23.70
	64QAM	1	25	/	22.74	/	23.70
		1	49	/	22.73	/	23.70
		25	0	/	22.66	/	23.70
		25	13	/	22.71	/	23.70
		25	25	/	22.70	/	23.70
		50	0	/	22.70	/	23.70
10MHz	64QAM	1	0	/	22.70	/	23.70
		1	25	/	22.66	/	23.70
		1	49	/	22.81	/	23.70

		25	0	/	21.79	/	22.70
		25	13	/	21.79	/	22.70
		25	25	/	21.75	/	22.70
		50	0	/	21.78	/	22.70
	256QAM	1	0	/	19.92	/	20.70
		1	25	/	19.82	/	20.70
		1	49	/	19.61	/	20.70
		25	0	/	19.90	/	20.70
		25	13	/	19.79	/	20.70
		25	25	/	19.68	/	20.70
		50	0	/	19.54	/	20.70

LTE FDD Band 13 Default&DSI4				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				23205	23230	23255	
5MHz	QPSK	1	0	24.03	23.98	24.06	25.70
		1	13	24.00	23.95	23.94	25.70
		1	24	24.05	24.03	24.06	25.70
		12	0	23.03	23.02	22.98	24.70
		12	6	23.11	23.09	23.03	24.70
		12	13	23.14	23.17	23.11	24.70
		25	0	23.04	23.08	22.99	24.70
	16QAM	1	0	23.12	23.17	23.15	24.70
		1	13	23.12	23.13	23.13	24.70
		1	24	23.16	23.07	23.17	24.70
		12	0	22.23	22.23	22.17	23.70
		12	6	22.19	22.14	22.16	23.70
		12	13	22.20	22.24	22.18	23.70
		25	0	22.25	22.14	22.18	23.70
	64QAM	1	0	22.19	22.14	22.16	23.70
		1	13	22.24	22.20	22.25	23.70
		1	24	22.17	22.23	22.15	23.70
		12	0	21.24	21.27	21.27	22.70
		12	6	21.22	21.26	21.31	22.70
		12	13	21.32	21.25	21.28	22.70
		25	0	21.33	21.27	21.25	22.70
	256QAM	1	0	19.16	19.40	19.31	20.70
		1	13	19.13	19.30	19.19	20.70
		1	24	19.31	19.11	19.43	20.70
		12	0	19.21	19.36	19.10	20.70
		12	6	19.24	19.28	19.26	20.70
		12	13	19.08	19.16	19.16	20.70
		25	0	19.17	19.10	19.37	20.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
10MHz	QPSK	1	0	/	24.06	/	25.70
		1	25	/	23.93	/	25.70
		1	49	/	24.05	/	25.70
		25	0	/	23.21	/	24.70

	16QAM	25	13	/	23.11	/	24.70
		25	25	/	23.17	/	24.70
		50	0	/	23.04	/	24.70
		1	0	/	23.16	/	24.70
		1	25	/	23.10	/	24.70
		1	49	/	23.16	/	24.70
		25	0	/	22.18	/	23.70
		25	13	/	22.16	/	23.70
		25	25	/	22.20	/	23.70
	50	0	/	22.25	/	23.70	
	64QAM	1	0	/	22.20	/	23.70
		1	25	/	22.21	/	23.70
		1	49	/	22.20	/	23.70
		25	0	/	21.26	/	22.70
		25	13	/	21.25	/	22.70
		25	25	/	21.27	/	22.70
	256QAM	50	0	/	21.30	/	22.70
		1	0	/	19.37	/	20.70
		1	25	/	19.29	/	20.70
		1	49	/	19.11	/	20.70
		25	0	/	19.32	/	20.70
		25	13	/	19.29	/	20.70
		25	25	/	19.24	/	20.70
	50	0	/	19.07	/	20.70	

LTE FDD Band 17 Default&DSI1&4&5				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				23755	23790	23825	
5MHz	QPSK	1	0	23.49	23.44	23.42	25.40
		1	13	23.40	23.42	23.41	25.40
		1	24	23.42	23.41	23.40	25.40
		12	0	22.43	23.42	22.45	24.40
		12	6	22.48	22.43	22.46	24.40
		12	13	22.57	22.49	22.50	24.40
		25	0	22.46	22.41	22.41	24.40
	16QAM	1	0	22.58	22.56	22.51	24.40
		1	13	22.55	22.49	22.52	24.40
		1	24	22.51	22.53	22.49	24.40
		12	0	21.62	21.55	21.57	23.40
		12	6	21.58	21.64	21.56	23.40
		12	13	21.63	21.58	21.62	23.40
		25	0	21.64	21.64	21.62	23.40
	64QAM	1	0	21.60	21.62	21.57	23.40
		1	13	21.62	21.64	21.60	23.40
		1	24	21.58	21.60	21.62	23.40
		12	0	20.70	20.68	20.66	22.40
		12	6	20.70	20.71	20.63	22.40
		12	13	20.69	20.66	20.68	22.40

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				23780	23790	23800		
10MHz	256QAM	25	0	20.62	20.69	20.70	22.40	
		1	0	18.90	18.99	18.97	20.40	
		1	13	18.76	18.94	18.95	20.40	
		1	24	19.00	18.80	19.11	20.40	
		12	0	19.00	19.04	18.83	20.40	
		12	6	18.92	19.04	18.95	20.40	
		12	13	18.77	18.88	18.88	20.40	
			25	0	18.97	18.81	19.09	20.40
			1	0	23.47	23.54	23.48	25.40
			1	25	23.45	23.42	23.41	25.40
			1	49	23.44	23.42	23.45	25.40
			25	0	22.46	22.65	22.41	24.40
			25	13	22.45	22.50	22.50	24.40
			25	25	22.55	22.48	22.58	24.40
			50	0	22.50	22.52	22.46	24.40
			1	0	22.51	22.48	22.51	24.40
			1	25	22.54	22.57	22.55	24.40
			1	49	22.52	22.52	22.55	24.40
			25	0	21.64	21.59	21.63	23.40
			25	13	21.62	21.57	21.55	23.40
			25	25	21.54	21.61	21.58	23.40
			50	0	21.55	21.57	21.55	23.40
			1	0	21.64	21.57	21.61	23.40
			1	25	21.55	21.54	21.62	23.40
			1	49	21.60	21.56	21.57	23.40
		25	0	20.67	20.73	20.65	22.40	
		25	13	20.67	20.68	20.73	22.40	
		25	25	20.66	20.70	20.63	22.40	
		50	0	20.69	20.71	20.67	22.40	
		1	0	18.85	19.03	19.02	20.40	
		1	25	18.77	18.96	18.93	20.40	
		1	49	19.01	18.80	19.12	20.40	
		25	0	18.91	18.98	18.85	20.40	
		25	13	18.97	19.02	18.94	20.40	
		25	25	18.74	18.94	18.91	20.40	
		50	0	18.89	18.74	19.06	20.40	

LTE Band 26 DS1&5				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26697	26865	27033	
1.4MHz	QPSK	1	0	21.92	21.89	22.00	23.20
		1	2	21.84	21.92	21.98	23.20
		1	5	22.04	22.11	21.95	23.20
		3	0	21.98	22.04	21.98	23.20
		3	2	21.87	21.93	21.92	23.20
		3	3	21.91	22.05	22.01	23.20
		6	0	22.07	21.93	21.93	23.20

	16QAM	1	0	21.96	22.01	22.04	23.20	
		1	2	22.06	22.04	21.92	23.20	
		1	5	21.94	22.02	22.01	23.20	
		3	0	22.00	22.02	21.97	23.20	
		3	2	21.94	22.05	21.95	23.20	
		3	3	22.06	22.01	22.02	23.20	
	64QAM	6	0	21.95	21.93	21.94	23.20	
		1	0	22.06	21.97	22.00	23.20	
		1	2	21.87	21.98	21.99	23.20	
		1	5	22.00	21.99	21.94	23.20	
		3	0	21.96	21.90	21.98	23.20	
		3	2	22.08	22.04	22.04	23.20	
	256QAM	3	3	21.94	21.93	22.01	23.20	
		6	0	21.57	21.60	21.72	22.70	
		1	0	19.70	19.83	19.78	20.70	
		1	2	19.59	19.82	19.79	20.70	
		1	5	19.68	19.80	19.87	20.70	
		3	0	19.85	19.85	19.55	20.70	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					26705	26865	27025	
	3MHz	QPSK	1	0	21.93	21.97	21.92	23.20
1			7	21.84	21.94	21.98	23.20	
1			14	22.07	22.04	22.02	23.20	
8			0	21.93	22.02	22.01	23.20	
8			4	21.94	21.99	21.91	23.20	
8			7	21.96	21.96	22.03	23.20	
15			0	22.03	22.01	21.95	23.20	
16QAM		1	0	21.95	22.02	21.95	23.20	
		1	7	22.00	21.99	22.00	23.20	
		1	14	21.97	22.01	21.97	23.20	
		8	0	21.95	21.93	21.98	23.20	
		8	4	22.00	22.04	21.95	23.20	
		8	7	22.10	22.03	21.97	23.20	
		15	0	21.89	21.96	21.93	23.20	
64QAM		1	0	22.06	21.95	22.00	23.20	
		1	7	21.97	21.96	21.93	23.20	
		1	14	21.99	22.08	21.97	23.20	
		8	0	21.73	21.66	21.69	22.70	
		8	4	21.63	21.68	21.68	22.70	
		8	7	21.65	21.63	21.65	22.70	
		15	0	21.59	21.66	21.62	22.70	
256QAM		1	0	19.76	19.94	19.74	20.70	
		1	7	19.57	19.77	19.76	20.70	
		1	14	19.74	19.79	19.89	20.70	
		8	0	19.75	19.84	19.55	20.70	
		8	4	19.71	19.81	19.76	20.70	
		8	7	19.52	19.67	19.66	20.70	
	15	0	19.70	19.58	19.83	20.70		

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				26715	26865	27015		
5MHz	QPSK	1	0	22.02	21.97	21.89	23.20	
		1	13	21.85	21.93	21.91	23.20	
		1	24	21.97	22.05	22.00	23.20	
		12	0	21.95	22.03	21.96	23.20	
		12	6	21.89	21.96	22.01	23.20	
		12	13	21.90	21.98	21.99	23.20	
	16QAM	25	0	22.11	21.99	22.00	23.20	
		1	0	21.90	22.03	21.99	23.20	
		1	13	22.03	22.00	21.97	23.20	
		1	24	21.99	22.06	21.97	23.20	
		12	0	21.92	21.96	21.97	23.20	
		12	6	21.96	22.04	21.98	23.20	
	64QAM	12	13	22.08	22.05	22.04	23.20	
		25	0	21.90	21.93	21.92	23.20	
		1	0	22.04	21.94	22.05	23.20	
		1	13	21.88	21.91	21.92	23.20	
		1	24	22.01	22.07	21.94	23.20	
		12	0	21.69	21.66	21.70	22.70	
	256QAM	12	6	21.62	21.67	21.68	22.70	
		12	13	21.74	21.59	21.63	22.70	
		25	0	21.67	21.64	21.71	22.70	
		1	0	19.73	19.86	19.71	20.70	
		1	13	19.55	19.76	19.73	20.70	
		1	24	19.67	19.87	19.92	20.70	
	10MHz	QPSK	12	0	19.82	19.90	19.65	20.70
			12	6	19.77	19.86	19.80	20.70
			12	13	19.59	19.73	19.68	20.70
			25	0	19.70	19.65	19.91	20.70
1			0	22.02	21.90	21.99	23.20	
1			25	21.83	21.93	21.98	23.20	
16QAM		1	49	22.01	22.02	21.97	23.20	
		25	0	21.98	22.03	22.01	23.20	
		25	13	21.89	21.95	21.94	23.20	
		25	25	21.91	22.05	21.97	23.20	
		50	0	22.07	21.95	22.02	23.20	
		1	0	21.97	22.03	21.99	23.20	
64QAM		1	25	21.97	22.04	21.94	23.20	
		1	49	22.02	22.08	21.97	23.20	
		25	0	22.00	21.97	21.95	23.20	
		25	13	22.03	22.09	21.89	23.20	
		25	25	22.07	21.96	21.99	23.20	
		50	0	21.91	21.93	21.93	23.20	
QPSK		1	0	22.00	21.96	22.01	23.20	
		1	25	21.94	22.01	21.94	23.20	
		1	49	22.08	22.02	21.98	23.20	
		25	0	21.72	21.64	21.72	22.70	
		25	13	21.66	21.62	21.66	22.70	

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				26775	26865	26965		
15MHz	256QAM	25	25	21.70	21.60	21.67	22.70	
		50	0	21.58	21.67	21.63	22.70	
		1	0	19.72	19.93	19.77	20.70	
		1	25	19.54	19.79	19.74	20.70	
		1	49	19.72	19.82	19.93	20.70	
		25	0	19.79	19.90	19.64	20.70	
		25	13	19.78	19.79	19.77	20.70	
		25	25	19.60	19.69	19.66	20.70	
	50	0	19.69	19.62	19.83	20.70		
	15MHz	QPSK	1	0	22.01	22.16	21.94	23.20
			1	38	21.89	21.98	21.93	23.20
			1	74	21.97	22.08	21.91	23.20
			36	0	21.97	22.12	22.01	23.20
			36	18	21.94	21.91	21.96	23.20
			36	39	21.97	21.97	21.96	23.20
			75	0	22.01	22.13	21.99	23.20
		16QAM	1	0	21.98	22.03	22.03	23.20
			1	38	22.00	22.04	21.91	23.20
			1	74	22.00	22.05	21.94	23.20
			36	0	21.90	21.93	21.90	23.20
			36	18	21.92	22.08	21.97	23.20
			36	39	22.07	21.99	21.95	23.20
			75	0	21.88	21.94	21.94	23.20
		64QAM	1	0	22.03	22.01	22.01	23.20
			1	38	21.95	21.99	22.01	23.20
			1	74	22.06	22.08	22.02	23.20
			36	0	21.70	21.66	21.69	22.70
			36	18	21.64	21.61	21.62	22.70
36			39	21.74	21.60	21.66	22.70	
75			0	21.58	21.63	21.67	22.70	
256QAM		1	0	19.68	19.86	19.70	20.70	
		1	38	19.57	19.76	19.81	20.70	
		1	74	19.68	19.79	19.93	20.70	
		36	0	19.78	19.86	19.62	20.70	
		36	18	19.76	19.85	19.79	20.70	
		36	39	19.63	19.71	19.71	20.70	
		75	0	19.65	19.62	19.85	20.70	

LTE Band 26 Default&DSI4				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26697	26865	27033	
1.4MHz	QPSK	1	0	24.37	24.35	24.35	25.70
		1	2	24.20	24.35	24.35	25.70
		1	5	24.34	24.20	24.38	25.70
		3	0	24.26	24.38	24.29	25.70
		3	2	24.28	24.34	24.29	25.70
		3	3	24.20	24.34	24.29	25.70

	16QAM	6	0	23.27	23.43	23.34	24.70
		1	0	23.38	23.48	23.41	24.70
		1	2	23.39	23.46	23.49	24.70
		1	5	23.48	23.43	23.42	24.70
		3	0	23.49	23.47	23.47	24.70
		3	2	23.52	23.43	23.44	24.70
		3	3	23.44	23.47	23.44	24.70
	64QAM	6	0	22.48	22.53	22.55	23.70
		1	0	22.52	22.52	22.59	23.70
		1	2	22.48	22.53	22.40	23.70
		1	5	22.56	22.52	22.53	23.70
		3	0	22.59	22.53	22.45	23.70
		3	2	22.49	22.49	22.50	23.70
		3	3	22.55	22.51	22.47	23.70
	256QAM	6	0	21.60	21.57	21.57	22.70
		1	0	19.73	19.81	19.75	20.70
		1	2	19.59	19.70	19.78	20.70
		1	5	19.81	19.80	19.90	20.70
		3	0	19.78	19.87	19.69	20.70
		3	2	19.79	19.75	19.71	20.70
		3	3	19.60	19.77	19.74	20.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26705	26865	27025	
3MHz	QPSK	1	0	24.44	24.45	24.46	25.70
		1	7	24.40	24.37	24.43	25.70
		1	14	24.45	24.38	24.42	25.70
		8	0	23.46	23.42	23.41	24.70
		8	4	23.53	23.46	23.44	24.70
		8	7	23.57	23.56	23.53	24.70
		15	0	23.43	23.48	23.41	24.70
	16QAM	1	0	23.53	23.58	23.55	24.70
		1	7	23.48	23.56	23.51	24.70
		1	14	23.54	23.56	23.47	24.70
		8	0	22.59	22.63	22.58	23.70
		8	4	22.63	22.57	22.57	23.70
		8	7	22.58	22.59	22.64	23.70
		15	0	22.61	22.58	22.59	23.70
	64QAM	1	0	22.63	22.63	22.55	23.70
		1	7	22.56	22.58	22.54	23.70
		1	14	22.56	22.62	22.61	23.70
		8	0	21.64	21.71	21.67	22.70
		8	4	21.65	21.71	21.62	22.70
		8	7	21.73	21.68	21.69	22.70
		15	0	21.67	21.71	21.63	22.70
256QAM	1	0	19.70	19.85	19.75	20.70	
	1	7	19.59	19.76	19.79	20.70	
	1	14	19.79	19.76	19.86	20.70	
	8	0	19.74	19.81	19.68	20.70	
	8	4	19.70	19.84	19.76	20.70	
	8	7	19.62	19.72	19.71	20.70	

Bandwidth	Modulation	15	0	19.68	19.64	19.94	20.70	
		RB size	RB offset	Channel 26715	Channel 26865	Channel 27015	Tune up	
5MHz	QPSK	1	0	24.40	24.40	24.42	25.70	
		1	13	24.33	24.40	24.42	25.70	
		1	24	24.39	24.40	24.43	25.70	
		12	0	23.44	23.38	23.42	24.70	
		12	6	23.52	23.46	23.52	24.70	
		12	13	23.49	23.52	23.53	24.70	
	16QAM	25	0	23.43	23.48	23.38	24.70	
		1	0	23.53	23.56	23.50	24.70	
		1	13	23.53	23.57	23.55	24.70	
		1	24	23.51	23.56	23.58	24.70	
		12	0	22.65	22.63	22.59	23.70	
		12	6	22.63	22.64	22.55	23.70	
	64QAM	12	13	22.64	22.62	22.55	23.70	
		25	0	22.57	22.55	22.56	23.70	
		1	0	22.58	22.63	22.59	23.70	
		1	13	22.63	22.59	22.54	23.70	
		1	24	22.59	22.60	22.60	23.70	
		12	0	21.66	21.62	21.63	22.70	
	256QAM	12	6	21.62	21.65	21.67	22.70	
		12	13	21.69	21.66	21.71	22.70	
		25	0	21.64	21.73	21.64	22.70	
		1	0	19.69	19.88	19.83	20.70	
		1	13	19.62	19.79	19.74	20.70	
		1	24	19.80	19.75	19.85	20.70	
		12	0	19.78	19.78	19.64	20.70	
		12	6	19.74	19.85	19.71	20.70	
	Bandwidth	Modulation	RB size	RB offset	19.68	19.64	19.94	20.70
					Channel 26750	Channel 26865	Channel 26990	Tune up
10MHz	QPSK	1	0	24.47	24.42	24.48	25.70	
		1	25	24.35	24.41	24.38	25.70	
		1	49	24.46	24.47	24.41	25.70	
		25	0	23.40	23.46	23.45	24.70	
		25	13	23.42	23.44	23.52	24.70	
		25	25	23.49	23.57	23.58	24.70	
		50	0	23.45	23.38	23.41	24.70	
	16QAM	1	0	23.57	23.50	23.49	24.70	
		1	25	23.56	23.58	23.51	24.70	
		1	49	23.57	23.54	23.57	24.70	
		25	0	22.58	22.58	22.60	23.70	
		25	13	22.62	22.62	22.56	23.70	
		25	25	22.54	22.65	22.63	23.70	
	64QAM	50	0	22.64	22.65	22.57	23.70	
		1	0	22.64	22.61	22.58	23.70	
		1	25	22.64	22.58	22.58	23.70	
		1	49	22.59	22.60	22.60	23.70	
		25	0	21.66	21.64	21.64	22.70	

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				26775	26865	26965		
15MHz	256QAM	25	13	21.64	21.69	21.63	22.70	
		25	25	21.71	21.64	21.68	22.70	
		50	0	21.66	21.63	21.69	22.70	
		1	0	19.75	19.83	19.77	20.70	
		1	25	19.63	19.80	19.70	20.70	
		1	49	19.77	19.75	19.92	20.70	
		25	0	19.77	19.85	19.62	20.70	
		25	13	19.77	19.84	19.77	20.70	
		25	25	19.57	19.70	19.67	20.70	
	50	0	19.69	19.58	19.88	20.70		
	15MHz	QPSK	1	0	24.42	24.45	24.40	25.70
			1	38	24.34	24.37	24.34	25.70
			1	74	24.41	24.44	24.36	25.70
			36	0	23.43	23.44	23.39	24.70
			36	18	23.46	23.44	23.36	24.70
			36	39	23.56	23.33	23.38	24.70
			75	0	23.38	23.47	23.44	24.70
		16QAM	1	0	23.48	23.49	23.49	24.70
			1	38	23.48	23.54	23.56	24.70
			1	74	23.53	23.49	23.57	24.70
			36	0	22.58	22.64	22.61	23.70
			36	18	22.57	22.61	22.64	23.70
			36	39	22.61	22.55	22.56	23.70
			75	0	22.65	22.63	22.58	23.70
		64QAM	1	0	22.61	22.56	22.60	23.70
			1	38	22.62	22.63	22.64	23.70
			1	74	22.59	22.54	22.61	23.70
			36	0	21.68	21.63	21.68	22.70
36			18	21.66	21.67	21.66	22.70	
36			39	21.70	21.62	21.68	22.70	
75			0	21.62	21.64	21.68	22.70	
256QAM		1	0	19.72	19.89	19.75	20.70	
		1	38	19.56	19.77	19.79	20.70	
		1	74	19.72	19.84	19.92	20.70	
		36	0	19.81	19.85	19.60	20.70	
		36	18	19.76	19.83	19.79	20.70	
		36	39	19.58	19.72	19.69	20.70	
		75	0	19.70	19.63	19.87	20.70	

LTE Band 26 DSI1&5 ENDC				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26697	26865	27033	
1.4MHz	QPSK	1	0	21.84	21.91	21.91	23.00
		1	2	21.60	21.84	21.70	23.00
		1	5	21.54	21.77	21.60	23.00
		3	0	21.68	21.82	21.84	23.00
		3	2	21.61	21.83	21.77	23.00

	16QAM	3	3	21.65	21.80	21.60	23.00
		6	0	21.64	21.74	21.57	23.00
		1	0	21.63	21.75	21.76	23.00
		1	2	21.69	21.86	21.83	23.00
		1	5	21.64	21.79	21.69	23.00
		3	0	21.73	21.82	21.68	23.00
		3	2	21.63	21.79	21.71	23.00
		3	3	21.67	21.82	21.67	23.00
	64QAM	6	0	21.75	21.80	21.80	23.00
		1	0	21.65	21.73	21.69	23.00
		1	2	21.53	21.72	21.74	23.00
		1	5	21.58	21.81	21.72	23.00
		3	0	21.44	21.77	21.52	23.00
		3	2	21.70	21.62	21.55	23.00
	256QAM	3	3	21.45	21.66	21.61	23.00
		6	0	21.16	21.35	21.11	22.50
		1	0	19.12	19.40	19.29	20.50
		1	2	19.31	19.17	19.14	20.50
		1	5	19.18	19.36	19.28	20.50
		3	0	19.08	19.37	19.26	20.50
		3	2	19.08	19.14	19.11	20.50
	3	3	19.20	19.11	19.28	20.50	
	6	0	19.15	19.21	19.13	20.50	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
26705					26865	27025	
3MHz	QPSK	1	0	21.69	21.93	21.87	23.00
		1	7	21.54	21.82	21.58	23.00
		1	14	21.57	21.80	21.60	23.00
		8	0	21.60	21.82	21.88	23.00
		8	4	21.64	21.91	21.79	23.00
		8	7	21.59	21.67	21.69	23.00
		15	0	21.71	21.66	21.61	23.00
	16QAM	1	0	21.59	21.81	21.72	23.00
		1	7	21.69	21.76	21.63	23.00
		1	14	21.66	21.79	21.71	23.00
		8	0	21.71	21.72	21.61	23.00
		8	4	21.57	21.81	21.83	23.00
		8	7	21.71	21.74	21.67	23.00
		15	0	21.70	21.63	21.81	23.00
	64QAM	1	0	21.81	21.76	21.72	23.00
		1	7	21.69	21.86	21.55	23.00
		1	14	21.59	21.78	21.64	23.00
		8	0	21.18	21.37	21.29	22.50
		8	4	21.32	21.24	21.20	22.50
		8	7	21.01	21.37	21.22	22.50
		15	0	21.31	21.43	21.18	22.50
	256QAM	1	0	19.09	19.37	19.36	20.50
		1	7	19.24	19.25	19.31	20.50
		1	14	19.28	19.25	19.14	20.50
8		0	19.19	19.38	19.32	20.50	
8		4	19.08	19.17	19.24	20.50	

Bandwidth	Modulation	8	7	19.08	19.20	19.17	20.50
		15	0	19.20	19.18	19.17	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26715	26865	27015	
5MHz	QPSK	1	0	21.79	21.77	21.89	23.00
		1	13	21.61	21.73	21.71	23.00
		1	24	21.56	21.78	21.72	23.00
		12	0	21.68	21.77	21.76	23.00
		12	6	21.76	21.73	21.69	23.00
		12	13	21.51	21.69	21.62	23.00
		25	0	21.68	21.72	21.68	23.00
	16QAM	1	0	21.77	21.82	21.79	23.00
		1	13	21.77	21.85	21.66	23.00
		1	24	21.80	21.75	21.69	23.00
		12	0	21.62	21.87	21.73	23.00
		12	6	21.56	21.70	21.76	23.00
		12	13	21.75	21.75	21.70	23.00
		25	0	21.60	21.75	21.73	23.00
	64QAM	1	0	21.77	21.84	21.72	23.00
		1	13	21.65	21.71	21.73	23.00
		1	24	21.55	21.90	21.61	23.00
		12	0	21.13	21.26	21.26	22.50
		12	6	21.30	21.35	21.33	22.50
		12	13	21.07	21.22	21.20	22.50
		25	0	21.15	21.44	21.11	22.50
	256QAM	1	0	19.14	19.42	19.36	20.50
		1	13	19.20	19.15	19.22	20.50
		1	24	19.27	19.22	19.10	20.50
		12	0	19.13	19.30	19.27	20.50
		12	6	19.15	19.28	19.19	20.50
		12	13	19.05	19.10	19.30	20.50
		25	0	19.03	19.20	19.13	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
10MHz	QPSK	1	0	21.79	21.97	21.75	23.00
		1	25	21.61	21.73	21.58	23.00
		1	49	21.55	21.83	21.57	23.00
		25	0	21.60	21.92	21.77	23.00
		25	13	21.62	21.86	21.65	23.00
		25	25	21.55	21.83	21.57	23.00
		50	0	21.66	21.70	21.58	23.00
	16QAM	1	0	21.67	21.85	21.75	23.00
		1	25	21.85	21.91	21.75	23.00
		1	49	21.69	21.72	21.73	23.00
		25	0	21.75	21.76	21.72	23.00
		25	13	21.69	21.87	21.74	23.00
		25	25	21.72	21.77	21.67	23.00
		50	0	21.67	21.81	21.82	23.00
	64QAM	1	0	21.82	21.80	21.63	23.00
		1	25	21.56	21.77	21.61	23.00
		1	49	21.66	21.89	21.58	23.00

		25	0	21.08	21.38	21.28	22.50
		25	13	21.21	21.24	21.32	22.50
		25	25	21.17	21.22	21.13	22.50
		50	0	21.19	21.33	21.20	22.50
	256QAM	1	0	19.12	19.26	19.40	20.50
		1	25	19.15	19.25	19.19	20.50
		1	49	19.24	19.35	19.18	20.50
		25	0	19.13	19.28	19.29	20.50
		25	13	19.18	19.20	19.28	20.50
		25	25	19.23	19.17	19.12	20.50
		50	0	19.11	19.19	19.12	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26775	26865	26965	
15MHz	QPSK	1	0	21.86	21.97	21.92	23.00
		1	38	21.73	21.90	21.76	23.00
		1	74	21.70	21.84	21.77	23.00
		36	0	21.78	21.94	21.91	23.00
		36	18	21.77	21.91	21.84	23.00
		36	39	21.69	21.86	21.72	23.00
		75	0	21.79	21.80	21.75	23.00
	16QAM	1	0	21.77	21.91	21.84	23.00
		1	38	21.85	21.95	21.83	23.00
		1	74	21.82	21.92	21.82	23.00
		36	0	21.80	21.91	21.75	23.00
		36	18	21.70	21.89	21.83	23.00
		36	39	21.77	21.90	21.74	23.00
		75	0	21.75	21.83	21.88	23.00
	64QAM	1	0	21.84	21.84	21.80	23.00
		1	38	21.73	21.87	21.75	23.00
		1	74	21.69	21.90	21.73	23.00
		36	0	21.18	21.43	21.31	22.50
		36	18	21.34	21.41	21.33	22.50
		36	39	21.19	21.37	21.32	22.50
		75	0	21.34	21.45	21.26	22.50
	256QAM	1	0	19.27	19.46	19.40	20.50
		1	38	19.34	19.33	19.32	20.50
		1	74	19.33	19.37	19.29	20.50
		36	0	19.26	19.42	19.41	20.50
		36	18	19.28	19.33	19.30	20.50
		36	39	19.24	19.29	19.32	20.50
		75	0	19.22	19.32	19.23	20.50

LTE Band 26 Default&DSI4 ENDC				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26697	26865	27033	
1.4MHz	QPSK	1	0	24.22	24.40	24.26	25.50
		1	2	24.22	24.35	24.25	25.50
		1	5	24.11	24.27	24.31	25.50
		3	0	24.23	24.26	24.34	25.50

	16QAM	3	2	24.10	24.11	24.16	25.50	
		3	3	24.09	24.15	24.24	25.50	
		6	0	23.35	23.32	23.25	24.50	
		1	0	23.04	23.25	23.12	24.50	
		1	2	23.27	23.34	23.18	24.50	
		1	5	23.10	23.24	23.16	24.50	
		3	0	23.24	23.40	23.29	24.50	
		3	2	23.25	23.17	23.29	24.50	
		3	3	23.13	23.24	23.21	24.50	
	64QAM	6	0	22.17	22.30	22.16	23.50	
		1	0	22.20	22.39	22.09	23.50	
		1	2	22.15	22.29	22.33	23.50	
		1	5	22.27	22.14	22.17	23.50	
		3	0	22.29	22.40	22.19	23.50	
		3	2	22.21	22.17	22.32	23.50	
		3	3	22.13	22.25	22.22	23.50	
		6	0	21.21	21.32	21.19	22.50	
		256QAM	1	0	19.06	19.18	19.26	20.50
	1		2	19.28	19.30	19.15	20.50	
	1		5	19.30	19.26	19.25	20.50	
	3		0	19.32	19.10	19.07	20.50	
	3		2	19.27	19.23	19.21	20.50	
	3		3	19.37	19.28	19.29	20.50	
	6		0	19.24	19.27	19.26	20.50	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					26705	26865	27025	
	3MHz	QPSK	1	0	24.27	24.41	24.29	25.50
1			7	24.25	24.17	24.15	25.50	
1			14	24.11	24.34	24.28	25.50	
8			0	23.17	23.20	23.28	24.50	
8			4	23.14	23.16	23.25	24.50	
8			7	23.21	23.20	23.29	24.50	
15			0	23.36	23.35	23.11	24.50	
16QAM		1	0	23.15	23.29	23.21	24.50	
		1	7	23.20	23.44	23.19	24.50	
		1	14	23.24	23.27	23.26	24.50	
		8	0	22.20	22.33	22.42	23.50	
		8	4	22.26	22.37	22.28	23.50	
		8	7	22.26	22.19	22.33	23.50	
		15	0	22.17	22.30	22.21	23.50	
64QAM		1	0	22.19	22.39	22.20	23.50	
		1	7	22.19	22.30	22.23	23.50	
		1	14	22.20	22.13	22.32	23.50	
		8	0	21.26	21.41	21.13	22.50	
		8	4	21.13	21.26	21.22	22.50	
		8	7	21.21	21.11	21.24	22.50	
		15	0	21.10	21.41	21.12	22.50	
256QAM		1	0	19.02	19.23	19.12	20.50	
		1	7	19.13	19.28	19.30	20.50	
		1	14	19.18	19.31	19.09	20.50	
		8	0	19.28	19.24	19.21	20.50	

Bandwidth	Modulation	8	4	19.34	19.11	19.31	20.50	
		8	7	19.38	19.38	19.24	20.50	
Bandwidth	Modulation	RB size	RB offset	15	19.23	19.21	19.14	20.50
				Channel	Channel	Channel	Tune up	
				26715	26865	27015		
5MHz	QPSK	1	0	24.36	24.46	24.27	25.50	
		1	13	24.25	24.33	24.31	25.50	
		1	24	24.24	24.37	24.34	25.50	
		12	0	23.36	23.21	23.35	24.50	
		12	6	23.19	23.30	23.16	24.50	
		12	13	23.08	23.14	23.24	24.50	
	16QAM	25	0	23.29	23.35	23.25	24.50	
		1	0	23.15	23.36	23.16	24.50	
		1	13	23.30	23.35	23.21	24.50	
		1	24	23.09	23.25	23.19	24.50	
		12	0	22.30	22.43	22.28	23.50	
		12	6	22.22	22.35	22.19	23.50	
	64QAM	12	13	22.16	22.13	22.39	23.50	
		25	0	22.26	22.35	22.15	23.50	
		1	0	22.14	22.39	22.11	23.50	
		1	13	22.19	22.25	22.30	23.50	
		1	24	22.23	22.17	22.19	23.50	
		12	0	21.20	21.29	21.26	22.50	
	256QAM	12	6	21.14	21.18	21.30	22.50	
		12	13	21.35	21.21	21.30	22.50	
		25	0	21.24	21.44	21.13	22.50	
		1	0	19.03	19.29	19.14	20.50	
		1	13	19.19	19.30	19.28	20.50	
		1	24	19.31	19.22	19.15	20.50	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					26750	26865	26990	
	10MHz	QPSK	1	0	24.21	24.40	24.32	25.50
			1	25	24.21	24.16	24.16	25.50
1			49	24.19	24.32	24.30	25.50	
25			0	23.29	23.26	23.34	24.50	
25			13	23.17	23.30	23.17	24.50	
25			25	23.03	23.09	23.33	24.50	
16QAM		50	0	23.31	23.31	23.09	24.50	
		1	0	23.05	23.37	23.24	24.50	
		1	25	23.18	23.34	23.24	24.50	
		1	49	23.26	23.40	23.11	24.50	
		25	0	22.20	22.34	22.29	23.50	
		25	13	22.15	22.20	22.17	23.50	
64QAM		25	25	22.20	22.20	22.25	23.50	
		50	0	22.25	22.28	22.22	23.50	
		1	0	22.16	22.45	22.25	23.50	
		1	25	22.14	22.26	22.24	23.50	

		1	49	22.26	22.13	22.21	23.50
		25	0	21.30	21.25	21.26	22.50
		25	13	21.32	21.19	21.27	22.50
		25	25	21.33	21.26	21.19	22.50
		50	0	21.23	21.41	21.17	22.50
	256QAM	1	0	19.20	19.18	19.26	20.50
		1	25	19.14	19.31	19.16	20.50
		1	49	19.33	19.17	19.14	20.50
		25	0	19.17	19.27	19.20	20.50
		25	13	19.20	19.19	19.32	20.50
		25	25	19.31	19.30	19.30	20.50
		50	0	19.24	19.34	19.21	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26775	26865	26965	
15MHz	QPSK	1	0	24.41	24.48	24.44	25.50
		1	38	24.37	24.36	24.32	25.50
		1	74	24.26	24.45	24.38	25.50
		36	0	23.36	23.37	23.38	24.50
		36	18	23.23	23.33	23.26	24.50
		36	39	23.22	23.28	23.35	24.50
		75	0	23.37	23.41	23.28	24.50
	16QAM	1	0	23.22	23.43	23.28	24.50
		1	38	23.37	23.46	23.34	24.50
		1	74	23.27	23.44	23.28	24.50
		36	0	22.37	22.44	22.42	23.50
		36	18	22.30	22.38	22.30	23.50
		36	39	22.29	22.30	22.40	23.50
		75	0	22.29	22.44	22.35	23.50
	64QAM	1	0	22.24	22.46	22.29	23.50
		1	38	22.23	22.39	22.40	23.50
		1	74	22.31	22.29	22.37	23.50
		36	0	21.40	21.44	21.30	22.50
		36	18	21.33	21.36	21.38	22.50
		36	39	21.39	21.30	21.31	22.50
		75	0	21.27	21.45	21.24	22.50
	256QAM	1	0	19.21	19.35	19.29	20.50
		1	38	19.30	19.46	19.32	20.50
		1	74	19.34	19.34	19.28	20.50
		36	0	19.32	19.28	19.24	20.50
		36	18	19.36	19.29	19.32	20.50
		36	39	19.40	19.42	19.33	20.50
		75	0	19.31	19.38	19.27	20.50

3 Conducted Power of Main Antenna(Ant2)

3.1 Conducted Power of WCDMA

WCDMA Band IV Default&DSI1&4&5					
Average Conducted Power(dBm)					
Channel		1312	1412	1513	Tune up
WCDMA	12.2kbps RMC	19.51	19.53	19.50	20.70
	12.2kbps AMR	19.44	19.45	19.51	20.70
HSDPA	Subtest 1	19.00	19.01	19.05	19.70
	Subtest 2	19.04	19.12	19.08	19.70
	Subtest 3	18.51	18.64	18.55	19.20
	Subtest 4	18.55	18.39	18.69	19.20
HSUPA	Subtest 1	16.99	17.00	16.95	18.20
	Subtest 2	17.02	17.03	17.02	17.70
	Subtest 3	18.05	17.87	18.13	18.70
	Subtest 4	16.45	16.54	16.55	17.70
	Subtest 5	18.02	18.04	18.05	18.70
DC-HSDPA	Subtest 1	19.00	18.96	19.11	19.70
	Subtest 2	19.00	18.99	19.14	19.70
	Subtest 3	18.48	18.55	18.51	19.20
	Subtest 4	18.57	18.47	18.57	19.20
HSPA+	16QAM	16.99	16.98	17.03	17.70

3.2 Conducted Power of LTE

LTE Band 4 Default&DSI1&4&5				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19957	20175	20393	
1.4MHz	QPSK	1	0	20.42	20.45	20.46	21.80
		1	2	20.31	20.46	20.44	21.80
		1	5	20.34	20.38	20.54	21.80
		3	0	20.37	20.48	20.44	21.80
		3	2	20.35	20.40	20.36	21.80
		3	3	20.32	20.42	20.43	21.80
	16QAM	6	0	19.38	19.51	19.46	20.80
		1	0	19.48	19.57	19.50	20.80
		1	2	19.53	19.58	19.63	20.80
		1	5	19.54	19.52	19.54	20.80
		3	0	19.64	19.57	19.53	20.80
		3	2	19.63	19.58	19.55	20.80
	64QAM	3	3	19.59	19.54	19.56	20.80
		6	0	18.59	18.70	18.72	19.80
		1	0	18.60	18.59	18.71	19.80
		1	2	18.56	18.63	18.51	19.80
		1	5	18.58	18.60	18.57	19.80
		3	0	18.61	18.63	18.61	19.80
	256QAM	3	2	18.61	18.61	18.56	19.80
		3	3	18.63	18.60	18.56	19.80
		6	0	17.63	17.69	17.64	18.80
		1	0	15.72	15.97	15.79	16.80
		1	2	15.70	15.86	15.90	16.80
		1	5	15.92	15.67	15.94	16.80
3MHz	QPSK	3	0	15.90	15.94	15.74	16.80
		3	2	15.75	15.84	15.77	16.80
3		3	15.74	15.80	15.89	16.80	
6		0	15.77	15.74	15.92	16.80	
16QAM		1	0	20.41	20.53	20.40	21.80
		1	7	20.37	20.56	20.38	21.80
	1	14	20.40	20.44	20.50	21.80	
	8	0	19.57	19.51	19.35	20.80	
	8	4	19.48	19.51	19.56	20.80	
	8	7	19.53	19.49	19.55	20.80	
	15	0	19.48	19.51	19.48	20.80	
	1	0	19.57	19.63	19.53	20.80	
	1	7	19.58	19.52	19.57	20.80	
	1	14	19.54	19.48	19.60	20.80	
	8	0	18.61	18.57	18.56	19.80	
	8	4	18.68	18.70	18.67	19.80	
8	7	18.59	18.62	18.52	19.80		
15	0	18.60	18.59	18.66	19.80		

	64QAM	1	0	18.72	18.56	18.63	19.80	
		1	7	18.69	18.68	18.59	19.80	
		1	14	18.73	18.60	18.59	19.80	
		8	0	17.70	17.66	17.73	18.80	
		8	4	17.72	17.63	17.75	18.80	
		8	7	17.81	17.75	17.65	18.80	
	256QAM	15	0	17.75	17.64	17.69	18.80	
		1	0	15.78	15.96	15.80	16.80	
		1	7	15.78	15.87	15.86	16.80	
		1	14	15.88	15.69	15.98	16.80	
		8	0	15.94	15.93	15.77	16.80	
		8	4	15.77	15.83	15.79	16.80	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					19975	20175	20375	
		5MHz	QPSK	1	0	20.45	20.43	20.47
1				13	20.45	20.50	20.38	21.80
1				24	20.43	20.46	20.45	21.80
12				0	19.54	19.53	19.40	20.80
12				6	19.43	19.61	19.45	20.80
12				13	19.51	19.56	19.55	20.80
16QAM			25	0	19.38	19.49	19.44	20.80
			1	0	19.61	19.55	19.59	20.80
			1	13	19.64	19.48	19.55	20.80
			1	24	19.53	19.53	19.56	20.80
			12	0	18.61	18.55	18.54	19.80
			12	6	18.71	18.69	18.67	19.80
64QAM			12	13	18.66	18.70	18.52	19.80
	25		0	18.64	18.55	18.63	19.80	
	1		0	18.66	18.53	18.59	19.80	
	1		13	18.71	18.67	18.57	19.80	
	1		24	18.72	18.56	18.66	19.80	
	12		0	17.65	17.70	17.75	18.80	
256QAM	12		6	17.69	17.61	17.68	18.80	
	12		13	17.83	17.78	17.67	18.80	
	25		0	17.78	17.64	17.71	18.80	
	1		0	15.78	16.03	15.86	16.80	
	1		13	15.71	15.78	15.89	16.80	
	1		24	15.95	15.70	16.00	16.80	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				20000	20175	20350		
	10MHz	QPSK	12	0	15.85	15.91	15.82	16.80
			12	6	15.84	15.81	15.85	16.80
			12	13	15.75	15.83	15.83	16.80
			25	0	15.82	15.74	15.98	16.80
			1	0	20.50	20.46	20.42	21.80
			1	25	20.46	20.51	20.43	21.80
			1	49	20.38	20.48	20.42	21.80
			25	0	19.56	19.52	19.35	20.80

		25	13	19.51	19.57	19.46	20.80
		25	25	19.50	19.56	19.57	20.80
		50	0	19.46	19.51	19.50	20.80
	16QAM	1	0	19.54	19.65	19.57	20.80
		1	25	19.64	19.55	19.51	20.80
		1	49	19.49	19.53	19.59	20.80
		25	0	18.58	18.53	18.53	19.80
		25	13	18.63	18.72	18.60	19.80
		25	25	18.63	18.66	18.50	19.80
		50	0	18.59	18.60	18.63	19.80
		64QAM	1	0	18.65	18.61	18.62
	1		25	18.69	18.71	18.56	19.80
	1		49	18.69	18.55	18.63	19.80
	25		0	17.69	17.68	17.72	18.80
	25		13	17.72	17.63	17.74	18.80
	25		25	17.83	17.80	17.63	18.80
	256QAM	50	0	17.75	17.69	17.74	18.80
		1	0	15.77	15.95	15.81	16.80
		1	25	15.68	15.77	15.91	16.80
		1	49	15.92	15.75	16.01	16.80
		25	0	15.86	16.00	15.79	16.80
25		13	15.83	15.81	15.77	16.80	
25		25	15.69	15.88	15.86	16.80	
50	0	15.43	15.27	15.53	16.80		
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20025	20175	20325	
15MHz	QPSK	1	0	20.41	20.53	20.46	21.80
		1	38	20.43	20.55	20.39	21.80
		1	74	20.44	20.47	20.40	21.80
		36	0	19.58	19.46	19.42	20.80
		36	18	19.47	19.54	19.54	20.80
		36	39	19.52	19.45	19.53	20.80
		75	0	19.42	19.46	19.50	20.80
	16QAM	1	0	19.62	19.65	19.60	20.80
		1	38	19.58	19.56	19.55	20.80
		1	74	19.53	19.46	19.59	20.80
		36	0	18.68	18.50	18.56	19.80
		36	18	18.70	18.68	18.59	19.80
		36	39	18.61	18.68	18.48	19.80
		75	0	18.68	18.59	18.67	19.80
	64QAM	1	0	18.67	18.62	18.63	19.80
		1	38	18.69	18.66	18.62	19.80
		1	74	18.68	18.61	18.64	19.80
		36	0	17.71	17.63	17.73	18.80
		36	18	17.70	17.64	17.73	18.80
		36	39	17.81	17.79	17.63	18.80
		75	0	17.72	17.68	17.77	18.80
	256QAM	1	0	15.82	16.02	15.84	16.80
		1	38	15.78	15.77	15.81	16.80
		1	74	15.91	15.74	15.98	16.80
		36	0	15.86	15.93	15.81	16.80

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20050	20175	20300	
20MHz	QPSK	36	18	15.83	15.81	15.80	16.80
		36	39	15.73	15.80	15.83	16.80
		75	0	15.77	15.75	15.97	16.80
		1	0	20.43	20.57	20.48	21.80
		1	50	20.38	20.51	20.43	21.80
		1	99	20.39	20.46	20.41	21.80
	16QAM	50	0	19.51	19.70	19.41	20.80
		50	25	19.42	19.60	19.55	20.80
		50	50	19.50	19.50	19.61	20.80
		100	0	19.46	19.52	19.51	20.80
		1	0	19.55	19.64	19.53	20.80
		1	50	19.60	19.52	19.53	20.80
	64QAM	1	99	19.56	19.48	19.57	20.80
		50	0	18.57	18.55	18.56	19.80
		50	25	18.62	18.65	18.59	19.80
		50	50	18.67	18.71	18.53	19.80
		100	0	18.60	18.59	18.63	19.80
		1	0	18.65	18.57	18.67	19.80
	256QAM	1	50	18.75	18.70	18.59	19.80
		1	99	18.72	18.53	18.60	19.80
		50	0	17.69	17.66	17.72	18.80
		50	25	17.68	17.56	17.69	18.80
		50	50	17.82	17.76	17.62	18.80
		100	0	17.71	17.66	17.68	18.80
	256QAM	1	0	15.77	15.95	15.83	16.80
		1	50	15.73	15.84	15.86	16.80
		1	99	15.91	15.69	16.00	16.80
		50	0	15.88	15.99	15.77	16.80
		50	25	15.77	15.87	15.79	16.80
		50	50	15.77	15.83	15.82	16.80
100		0	15.77	15.75	15.91	16.80	

LTE Band 7 Default				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20775	21100	21425	
5MHz	QPSK	1	0	21.10	21.29	21.01	22.30
		1	13	21.09	21.19	21.15	22.30
		1	24	21.15	21.11	21.11	22.30
		12	0	20.05	20.33	20.20	21.30
		12	6	20.17	20.29	20.29	21.30
		12	13	20.18	20.20	20.32	21.30
	16QAM	25	0	20.24	20.16	20.18	21.30
		1	0	20.23	20.27	20.31	21.30
		1	13	20.04	20.16	20.19	21.30
		1	24	20.24	20.29	20.37	21.30
		12	0	19.13	19.34	19.16	20.30
		12	6	19.17	19.31	19.18	20.30

	64QAM	12	13	19.17	19.29	19.37	20.30
		25	0	19.23	19.08	19.28	20.30
		1	0	19.18	19.36	19.12	20.30
		1	13	19.05	19.19	19.05	20.30
		1	24	19.13	19.05	19.31	20.30
		12	0	18.01	18.15	18.21	19.30
		12	6	18.16	18.26	18.37	19.30
		12	13	18.17	18.26	18.30	19.30
	25	0	18.15	18.30	18.04	19.30	
	256QAM	1	0	16.12	16.09	16.11	17.30
		1	13	16.18	16.27	16.19	17.30
		1	24	16.29	16.27	16.21	17.30
		12	0	16.08	16.27	16.25	17.30
		12	6	16.20	16.29	16.32	17.30
		12	13	16.11	16.45	16.27	17.30
25		0	16.17	16.44	16.06	17.30	
Bandwidth	Modulation	RB size	RB offset	Channel 20800	Channel 21100	Channel 21400	Tune up
10MHz	QPSK	1	0	21.10	21.31	21.17	22.30
		1	25	21.17	21.20	21.03	22.30
		1	49	21.14	21.03	21.03	22.30
		25	0	20.11	20.35	20.22	21.30
		25	13	20.08	20.18	20.17	21.30
		25	25	20.23	20.30	20.25	21.30
		50	0	20.26	20.18	20.08	21.30
	16QAM	1	0	20.13	20.18	20.22	21.30
		1	25	20.19	20.25	20.13	21.30
		1	49	20.12	20.36	20.39	21.30
		25	0	19.12	19.40	19.20	20.30
		25	13	19.21	19.21	19.26	20.30
		25	25	19.33	19.13	19.18	20.30
		50	0	19.21	19.24	19.24	20.30
	64QAM	1	0	19.16	19.37	19.11	20.30
		1	25	19.25	19.26	19.16	20.30
		1	49	19.13	19.08	19.21	20.30
		25	0	18.02	18.20	18.25	19.30
		25	13	18.22	18.17	18.31	19.30
		25	25	18.06	18.09	18.31	19.30
		50	0	18.19	18.35	18.14	19.30
256QAM	1	0	16.15	16.22	16.04	17.30	
	1	25	16.16	16.22	16.19	17.30	
	1	49	16.25	16.25	16.19	17.30	
	25	0	16.13	16.22	16.19	17.30	
	25	13	16.21	16.09	16.29	17.30	
	25	25	16.17	16.34	16.23	17.30	
	50	0	16.17	16.41	16.03	17.30	
Bandwidth	Modulation	RB size	RB offset	Channel 20825	Channel 21100	Channel 21375	Tune up
15MHz	QPSK	1	0	21.08	21.31	21.17	22.30
		1	38	21.03	21.17	21.09	22.30
		1	74	21.16	21.13	21.03	22.30

		36	0	20.26	20.39	20.17	21.30	
		36	18	19.98	20.21	20.19	21.30	
		36	39	20.16	20.28	20.32	21.30	
		75	0	20.16	20.23	20.14	21.30	
	16QAM	1	0	20.05	20.18	20.24	21.30	
		1	38	20.21	20.27	20.17	21.30	
		1	74	20.06	20.40	20.26	21.30	
		36	0	19.09	19.23	19.17	20.30	
		36	18	19.22	19.29	19.21	20.30	
		36	39	19.30	19.24	19.29	20.30	
		75	0	19.23	19.15	19.40	20.30	
		64QAM	1	0	19.19	19.37	19.06	20.30
	1		38	19.23	19.33	19.13	20.30	
	1		74	19.07	19.05	19.21	20.30	
	36		0	18.00	18.24	18.18	19.30	
	36		18	18.25	18.25	18.20	19.30	
	36		39	18.21	18.12	18.13	19.30	
	75		0	18.13	18.30	18.15	19.30	
	256QAM	1	0	16.24	16.04	16.21	17.30	
		1	38	16.14	16.32	16.38	17.30	
		1	74	16.09	16.34	16.25	17.30	
		36	0	16.11	16.21	16.13	17.30	
		36	18	16.21	16.25	16.29	17.30	
		36	39	16.20	16.31	16.26	17.30	
		75	0	16.30	16.35	16.12	17.30	
	Bandwidth	Modulation	RB size	RB offset	Channel 20850	Channel 21100	Channel 21350	Tune up
	20MHz	QPSK	1	0	21.24	21.32	21.22	22.30
			1	50	21.20	21.27	21.21	22.30
1			99	21.28	21.25	21.20	22.30	
50			0	20.27	20.47	20.27	21.30	
50			25	20.19	20.37	20.31	21.30	
50			50	20.24	20.39	20.42	21.30	
100			0	20.37	20.35	20.21	21.30	
16QAM		1	0	20.26	20.31	20.36	21.30	
		1	50	20.23	20.29	20.33	21.30	
		1	99	20.26	20.42	20.42	21.30	
		50	0	19.21	19.44	19.32	20.30	
		50	25	19.37	19.42	19.31	20.30	
		50	50	19.36	19.34	19.38	20.30	
		100	0	19.38	19.29	19.42	20.30	
64QAM		1	0	19.24	19.42	19.20	20.30	
		1	50	19.27	19.34	19.22	20.30	
		1	99	19.24	19.24	19.32	20.30	
		50	0	18.21	18.27	18.26	19.30	
		50	25	18.31	18.33	18.38	19.30	
		50	50	18.27	18.29	18.32	19.30	
		100	0	18.21	18.41	18.23	19.30	
256QAM		1	0	16.25	16.25	16.23	17.30	
		1	50	16.19	16.34	16.39	17.30	
		1	99	16.29	16.36	16.34	17.30	



		50	0	16.23	16.28	16.34	17.30
		50	25	16.40	16.30	16.41	17.30
		50	50	16.22	16.48	16.32	17.30
		100	0	16.38	16.47	16.23	17.30

LTE Band 7 DS1&5				Conducted Power(dBm)				
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				20775	21100	21425		
5MHz	QPSK	1	0	17.35	17.59	17.31	18.80	
		1	13	17.26	17.23	17.07	18.80	
		1	24	17.31	17.32	17.27	18.80	
		12	0	17.38	17.30	17.27	18.80	
		12	6	17.13	17.24	17.24	18.80	
		12	13	17.29	17.39	17.16	18.80	
	16QAM	25	0	17.35	17.23	17.10	18.80	
		1	0	17.35	17.37	17.23	18.80	
		1	13	17.22	17.23	17.22	18.80	
		1	24	17.21	17.39	17.29	18.80	
		12	0	17.36	17.32	17.17	18.80	
		12	6	17.33	17.29	17.15	18.80	
	64QAM	12	13	17.19	17.20	17.42	18.80	
		25	0	17.38	17.25	17.30	18.80	
		1	0	17.39	17.54	17.16	18.80	
		1	13	17.17	17.34	17.18	18.80	
		1	24	17.22	17.11	17.33	18.80	
		12	0	17.30	17.34	17.15	18.80	
	256QAM	12	6	17.01	17.20	17.36	18.80	
		12	13	17.34	17.28	17.07	18.80	
		25	0	17.32	17.30	17.08	18.80	
		1	0	15.63	15.51	15.52	17.30	
		1	13	15.59	15.63	15.55	17.30	
		1	24	15.61	15.72	15.32	17.30	
10MHz	QPSK	12	0	15.77	15.65	15.53	17.30	
		12	6	15.74	15.75	15.37	17.30	
12		13	15.44	15.62	15.51	17.30		
25		0	15.65	15.65	15.43	17.30		
16QAM		1	0	17.29	17.52	17.37	18.80	
		1	25	17.27	17.30	17.07	18.80	
	1	49	17.49	17.35	17.22	18.80		
10MHz	QPSK	25	0	17.36	17.20	17.19	18.80	
		25	13	17.09	17.33	17.14	18.80	
		25	25	17.23	17.29	17.15	18.80	
		50	0	17.36	17.14	17.19	18.80	
		16QAM	1	0	17.28	17.37	17.21	18.80
			1	25	17.24	17.21	17.15	18.80
1	49		17.38	17.35	17.42	18.80		

	64QAM	25	0	17.21	17.40	17.13	18.80
		25	13	17.31	17.35	17.23	18.80
		25	25	17.29	17.25	17.38	18.80
		50	0	17.43	17.37	17.27	18.80
		1	0	17.32	17.39	17.29	18.80
		1	25	17.32	17.43	17.02	18.80
		1	49	17.13	17.24	17.35	18.80
		25	0	17.37	17.37	17.13	18.80
		25	13	17.07	17.32	17.33	18.80
	256QAM	25	25	17.21	17.34	17.04	18.80
		50	0	17.28	17.18	17.15	18.80
		1	0	15.47	15.63	15.60	17.30
		1	25	15.48	15.62	15.48	17.30
		1	49	15.58	15.70	15.44	17.30
		25	0	15.71	15.65	15.45	17.30
		25	13	15.66	15.62	15.31	17.30
		25	25	15.41	15.57	15.41	17.30
		50	0	15.62	15.72	15.45	17.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20825	21100	21375	
15MHz	QPSK	1	0	17.34	17.53	17.33	18.80
		1	38	17.35	17.25	17.08	18.80
		1	74	17.41	17.21	17.26	18.80
		36	0	17.25	17.25	17.24	18.80
		36	18	17.13	17.33	17.12	18.80
		36	39	17.27	17.30	17.08	18.80
		75	0	17.33	17.10	17.10	18.80
	16QAM	1	0	17.32	17.45	17.24	18.80
		1	38	17.31	17.39	17.17	18.80
		1	74	17.40	17.23	17.36	18.80
		36	0	17.24	17.29	17.15	18.80
		36	18	17.29	17.35	17.26	18.80
		36	39	17.25	17.24	17.23	18.80
		75	0	17.31	17.18	17.22	18.80
	64QAM	1	0	17.39	17.48	17.27	18.80
		1	38	17.30	17.38	17.11	18.80
		1	74	17.07	17.10	17.41	18.80
		36	0	17.46	17.46	17.15	18.80
		36	18	17.04	17.29	17.18	18.80
		36	39	17.32	17.39	16.99	18.80
		75	0	17.24	17.36	17.07	18.80
	256QAM	1	0	15.64	15.58	15.54	17.30
		1	38	15.58	15.62	15.61	17.30
		1	74	15.64	15.65	15.59	17.30
		36	0	15.66	15.73	15.45	17.30
		36	18	15.62	15.74	15.30	17.30
		36	39	15.40	15.52	15.57	17.30
75		0	15.76	15.79	15.44	17.30	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
20MHz	QPSK	1	0	17.72	17.85	17.69	18.80

		1	50	17.70	17.68	17.55	18.80
		1	99	17.80	17.70	17.65	18.80
		50	0	17.71	17.67	17.57	18.80
		50	25	17.55	17.64	17.58	18.80
		50	50	17.62	17.69	17.55	18.80
		100	0	17.75	17.57	17.53	18.80
	16QAM	1	0	17.66	17.81	17.69	18.80
		1	50	17.62	17.70	17.59	18.80
		1	99	17.70	17.71	17.72	18.80
		50	0	17.70	17.78	17.56	18.80
		50	25	17.64	17.67	17.59	18.80
		50	50	17.62	17.69	17.72	18.80
	64QAM	100	0	17.76	17.68	17.68	18.80
		1	0	17.80	17.81	17.60	18.80
		1	50	17.66	17.75	17.50	18.80
		1	99	17.57	17.59	17.72	18.80
		50	0	17.77	17.81	17.54	18.80
		50	25	17.49	17.70	17.68	18.80
	256QAM	50	50	17.66	17.69	17.43	18.80
		100	0	17.68	17.67	17.47	18.80
		1	0	15.65	15.70	15.63	17.30
		1	50	15.64	15.80	15.64	17.30
		1	99	15.67	15.77	15.45	17.30
		50	0	15.77	15.83	15.62	17.30
	50	25	15.76	15.77	15.49	17.30	
	50	50	15.49	15.65	15.60	17.30	
	100	0	15.80	15.83	15.62	17.30	
	100	0	15.80	15.83	15.62	17.30	

LTE Band 7 DS14				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20775	21100	21425	
5MHz	QPSK	1	0	18.08	18.11	18.05	19.30
		1	13	18.07	18.06	17.87	19.30
		1	24	18.04	18.09	17.80	19.30
		12	0	17.98	18.07	17.88	19.30
		12	6	17.88	17.89	17.99	19.30
		12	13	17.95	17.83	17.86	19.30
		25	0	18.12	17.87	17.99	19.30
	16QAM	1	0	18.10	17.98	18.01	19.30
		1	13	18.02	17.98	17.95	19.30
		1	24	17.95	17.98	18.01	19.30
		12	0	17.99	18.08	17.85	19.30
		12	6	18.07	18.05	17.95	19.30
		12	13	17.91	18.00	17.98	19.30
		25	0	17.91	17.99	17.86	19.30
	64QAM	1	0	18.00	18.10	17.81	19.30
		1	13	17.86	17.99	17.85	19.30
		1	24	17.95	17.91	17.99	19.30
		12	0	17.92	18.01	17.99	19.30

		12	6	17.78	18.12	17.88	19.30
		12	13	18.01	17.93	17.78	19.30
		25	0	18.00	18.06	17.90	19.30
	256QAM	1	0	15.91	16.11	15.83	17.30
		1	13	15.97	16.14	16.00	17.30
		1	24	15.92	16.06	15.78	17.30
		12	0	16.05	16.05	16.00	17.30
		12	6	15.94	16.06	15.90	17.30
		12	13	15.82	15.95	15.89	17.30
25	0	16.07	16.07	15.78	17.30		
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
10MHz	QPSK	1	0	18.01	18.18	18.00	19.30
		1	25	18.00	17.97	17.92	19.30
		1	49	17.95	18.11	17.97	19.30
		25	0	17.98	17.97	18.01	19.30
		25	13	18.03	18.05	17.94	19.30
		25	25	17.98	17.98	17.81	19.30
		50	0	17.93	17.94	17.88	19.30
	16QAM	1	0	18.05	17.98	17.90	19.30
		1	25	18.10	18.00	17.84	19.30
		1	49	18.05	18.05	17.95	19.30
		25	0	17.98	17.97	17.91	19.30
		25	13	18.09	17.88	17.90	19.30
		25	25	18.00	17.96	17.84	19.30
	64QAM	50	0	18.03	18.02	17.94	19.30
		1	0	18.05	18.10	17.90	19.30
		1	25	17.82	17.94	17.91	19.30
		1	49	17.96	17.98	17.90	19.30
		25	0	18.01	18.08	17.89	19.30
		25	13	17.97	18.01	17.97	19.30
	256QAM	25	25	18.06	18.04	17.76	19.30
		50	0	17.95	18.02	17.87	19.30
		1	0	15.99	16.01	15.93	17.30
		1	25	15.89	16.09	15.98	17.30
		1	49	15.91	16.15	15.76	17.30
		25	0	16.09	16.18	16.01	17.30
	25	13	16.03	16.14	15.86	17.30	
	25	25	15.95	16.07	15.94	17.30	
	50	0	15.96	16.10	15.87	17.30	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
15MHz	QPSK	20825		21100		21375	
		1	0	18.07	18.16	17.94	19.30
		1	38	18.07	17.91	17.89	19.30
		1	74	18.12	17.93	17.82	19.30
		36	0	17.87	17.95	18.03	19.30
		36	18	17.84	17.88	17.93	19.30
		36	39	17.90	17.96	17.90	19.30
	75	0	18.12	17.89	17.90	19.30	
	16QAM	1	0	18.09	18.09	18.03	19.30
		1	38	18.09	18.00	17.89	19.30

		1	74	18.06	18.11	18.07	19.30	
		36	0	18.09	18.07	17.78	19.30	
		36	18	18.08	17.96	17.93	19.30	
		36	39	17.95	17.89	17.97	19.30	
		75	0	17.90	18.08	18.03	19.30	
	64QAM	1	0	18.01	18.14	17.84	19.30	
		1	38	17.85	17.88	17.90	19.30	
		1	74	17.94	17.88	18.05	19.30	
		36	0	17.90	18.13	18.00	19.30	
		36	18	17.78	18.02	17.96	19.30	
		36	39	18.04	18.01	17.81	19.30	
	256QAM	75	0	18.06	18.05	17.81	19.30	
		1	0	16.02	16.00	15.81	17.30	
		1	38	15.87	16.09	15.85	17.30	
		1	74	16.02	16.13	15.87	17.30	
		36	0	16.09	16.00	16.07	17.30	
		36	18	16.04	16.08	15.89	17.30	
		36	39	15.85	15.93	16.01	17.30	
	75	0	15.98	16.15	15.88	17.30		
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					20850	21100	21350	
20MHz	QPSK	1	0	18.16	18.21	18.12	19.30	
		1	50	18.11	18.10	17.97	19.30	
		1	99	18.12	18.12	17.99	19.30	
		50	0	18.05	18.11	18.04	19.30	
		50	25	18.03	18.06	18.02	19.30	
		50	50	18.04	18.03	17.95	19.30	
		100	0	18.12	18.05	18.01	19.30	
	16QAM	1	0	18.14	18.13	18.10	19.30	
		1	50	18.11	18.10	17.99	19.30	
		1	99	18.08	18.16	18.10	19.30	
		50	0	18.10	18.10	17.97	19.30	
		50	25	18.13	18.06	17.96	19.30	
		50	50	18.05	18.03	18.03	19.30	
		100	0	18.07	18.15	18.03	19.30	
	64QAM	1	0	18.13	18.18	17.92	19.30	
		1	50	18.02	18.07	17.96	19.30	
		1	99	18.02	18.05	18.09	19.30	
		50	0	18.10	18.21	18.02	19.30	
		50	25	17.97	18.13	18.00	19.30	
		50	50	18.06	18.09	17.92	19.30	
		100	0	18.07	18.11	17.93	19.30	
	256QAM	1	0	16.11	16.16	15.95	17.30	
		1	50	16.00	16.17	16.02	17.30	
		1	99	16.08	16.19	15.94	17.30	
		50	0	16.14	16.18	16.11	17.30	
		50	25	16.12	16.15	15.97	17.30	
		50	50	15.97	16.12	16.02	17.30	
100		0	16.11	16.17	15.96	17.30		

LTE Band 66 Default&DSI1&4&5				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131979	132322	132665	
1.4MHz	QPSK	1	0	21.44	21.63	21.43	22.70
		1	2	21.56	21.51	21.48	22.70
		1	5	21.53	21.51	21.52	22.70
		3	0	21.48	21.47	21.52	22.70
		3	1	21.48	21.54	21.63	22.70
		3	3	21.56	21.49	21.53	22.70
	16QAM	6	0	20.49	20.72	20.59	21.70
		1	0	20.63	20.59	20.64	21.70
		1	2	20.62	20.65	20.62	21.70
		1	5	20.68	20.50	20.60	21.70
		3	0	20.56	20.52	20.65	21.70
		3	1	20.63	20.51	20.61	21.70
	64QAM	3	3	20.63	20.48	20.58	21.70
		6	0	19.84	19.69	19.74	20.70
		1	0	19.95	19.72	19.88	20.70
		1	2	19.87	19.81	19.74	20.70
		1	5	19.81	19.74	19.70	20.70
		3	0	19.76	19.69	19.85	20.70
	256QAM	3	1	19.84	19.90	19.73	20.70
		3	3	19.72	19.71	19.72	20.70
		6	0	18.68	18.52	18.46	19.70
		1	0	16.56	16.66	16.66	17.70
		1	2	16.58	16.53	16.64	17.70
		1	5	16.64	16.40	16.76	17.70
3MHz	QPSK	3	0	16.65	16.82	16.49	17.70
		3	1	16.56	16.58	16.57	17.70
		3	3	16.41	16.56	16.53	17.70
		6	0	16.49	16.59	16.75	17.70
		1	0	20.62	20.63	20.66	21.70
		1	7	20.60	20.50	20.49	21.70
	16QAM	1	14	20.63	20.49	20.52	21.70
		8	0	19.70	19.45	19.62	20.70
		8	4	19.62	19.63	19.62	20.70
		8	7	19.62	19.74	19.47	20.70
		15	0	19.70	19.59	19.71	20.70
		64QAM	1	0	19.77	19.63	19.55

		1	7	19.71	19.75	19.71	20.70
		1	14	19.70	19.55	19.45	20.70
		8	0	18.62	18.65	18.72	19.70
		8	4	18.75	18.57	18.70	19.70
		8	7	18.72	18.82	18.72	19.70
	15	0	18.80	18.66	18.71	19.70	
	256QAM	1	0	16.86	17.02	16.89	17.70
		1	7	16.69	16.96	16.78	17.70
		1	14	16.83	16.74	16.98	17.70
		8	0	16.84	16.97	16.70	17.70
		8	4	16.91	17.03	16.86	17.70
8		7	16.74	16.85	16.88	17.70	
15	0	16.75	16.70	16.95	17.70		
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131997	132322	132647	
5MHz	QPSK	1	0	21.46	21.56	21.50	22.70
		1	13	21.45	21.49	21.44	22.70
		1	24	21.45	21.50	21.48	22.70
		12	0	20.60	20.55	20.61	21.70
		12	6	20.66	20.68	20.58	21.70
		12	13	20.55	20.57	20.66	21.70
		25	0	20.48	20.43	20.40	21.70
	16QAM	1	0	20.61	20.59	20.67	21.70
		1	13	20.56	20.45	20.59	21.70
		1	24	20.63	20.54	20.57	21.70
		12	0	19.64	19.46	19.64	20.70
		12	6	19.58	19.69	19.69	20.70
		12	13	19.66	19.71	19.55	20.70
		25	0	19.66	19.60	19.74	20.70
	64QAM	1	0	19.78	19.58	19.57	20.70
		1	13	19.72	19.75	19.69	20.70
		1	24	19.65	19.55	19.44	20.70
		12	0	18.65	18.58	18.71	19.70
		12	6	18.70	18.54	18.62	19.70
		12	13	18.73	18.80	18.80	19.70
		25	0	18.76	18.70	18.73	19.70
	256QAM	1	0	16.84	16.99	16.86	17.70
		1	13	16.69	16.95	16.80	17.70
		1	24	16.85	16.69	16.92	17.70
		12	0	16.89	16.98	16.66	17.70
		12	6	16.84	16.96	16.86	17.70
		12	13	16.68	16.86	16.89	17.70
		25	0	16.79	16.67	16.89	17.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132022	132322	132622	
10MHz	QPSK	1	0	21.45	21.52	21.44	22.70
		1	25	21.47	21.42	21.47	22.70
		1	49	21.43	21.45	21.47	22.70
		25	0	20.59	20.60	20.65	21.70
		25	13	20.61	20.65	20.49	21.70
		25	25	20.52	20.60	20.62	21.70

	16QAM	50	0	20.49	20.41	20.40	21.70
		1	0	20.53	20.68	20.68	21.70
		1	25	20.56	20.53	20.52	21.70
		1	49	20.71	20.53	20.53	21.70
		25	0	19.74	19.45	19.69	20.70
		25	13	19.60	19.63	19.67	20.70
		25	25	19.67	19.73	19.47	20.70
	64QAM	50	0	19.69	19.57	19.73	20.70
		1	0	19.72	19.67	19.60	20.70
		1	25	19.72	19.72	19.66	20.70
		1	49	19.67	19.51	19.49	20.70
		25	0	18.64	18.62	18.66	19.70
		25	13	18.77	18.56	18.68	19.70
		25	25	18.72	18.76	18.73	19.70
	256QAM	50	0	18.78	18.62	18.68	19.70
		1	0	16.80	17.01	16.84	17.70
		1	25	16.77	16.93	16.81	17.70
		1	49	16.89	16.73	17.00	17.70
		25	0	16.94	16.98	16.72	17.70
		25	13	16.89	17.01	16.90	17.70
		25	25	16.73	16.79	16.86	17.70
50	0	16.82	16.67	16.90	17.70		
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132047	132322	132597	
15MHz	QPSK	1	0	21.42	21.52	21.47	22.70
		1	38	21.46	21.47	21.48	22.70
		1	74	21.42	21.53	21.52	22.70
		36	0	20.53	20.61	20.68	21.70
		36	18	20.65	20.62	20.53	21.70
		36	39	20.47	20.58	20.66	21.70
		75	0	20.46	20.42	20.58	21.70
	16QAM	1	0	20.57	20.59	20.65	21.70
		1	38	20.58	20.52	20.58	21.70
		1	74	20.66	20.48	20.56	21.70
		36	0	19.69	19.52	19.66	20.70
		36	18	19.60	19.64	19.62	20.70
		36	39	19.65	19.68	19.47	20.70
		75	0	19.75	19.61	19.66	20.70
	64QAM	1	0	19.80	19.65	19.55	20.70
		1	38	19.73	19.69	19.75	20.70
		1	74	19.65	19.53	19.42	20.70
		36	0	18.58	18.63	18.65	19.70
		36	18	18.70	18.53	18.63	19.70
		36	39	18.75	18.81	18.69	19.70
		75	0	18.79	18.72	18.71	19.70
	256QAM	1	0	16.82	17.01	16.82	17.70
		1	38	16.78	16.93	16.77	17.70
		1	74	16.83	16.70	16.96	17.70
		36	0	16.93	16.94	16.68	17.70
		36	18	16.91	16.95	16.89	17.70
		36	39	16.76	16.80	16.88	17.70

Bandwidth	Modulation	75	0	16.77	16.65	16.97	17.70
		RB size	RB offset	Channel 132072	Channel 132322	Channel 132572	Tune up
20MHz	QPSK	1	0	21.45	21.54	21.49	22.70
		1	50	21.43	21.45	21.46	22.70
		1	99	21.44	21.51	21.45	22.70
		50	0	20.57	20.59	20.65	21.70
		50	25	20.61	20.65	20.54	21.70
		50	50	20.52	20.56	20.61	21.70
		100	0	20.44	20.45	20.40	21.70
	16QAM	1	0	20.58	20.64	20.66	21.70
		1	50	20.59	20.50	20.55	21.70
		1	99	20.68	20.51	20.57	21.70
		50	0	19.69	19.48	19.66	20.70
		50	25	19.63	19.67	19.65	20.70
		50	50	19.68	19.71	19.51	20.70
		100	0	19.70	19.61	19.71	20.70
	64QAM	1	0	19.76	19.63	19.60	20.70
		1	50	19.75	19.72	19.70	20.70
		1	99	19.69	19.55	19.48	20.70
		50	0	18.61	18.63	18.70	19.70
		50	25	18.74	18.54	18.67	19.70
		50	50	18.74	18.77	18.75	19.70
		100	0	18.79	18.67	18.73	19.70
	256QAM	1	0	16.84	17.03	16.87	17.70
		1	50	16.73	16.92	16.82	17.70
		1	99	16.84	16.73	16.98	17.70
		50	0	16.89	16.97	16.71	17.70
		50	25	16.87	16.99	16.87	17.70
		50	50	16.73	16.85	16.85	17.70
		100	0	16.81	16.67	16.94	17.70

LTE Band 66 Default&DS11&4&5-DL CA				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131979	132322	132665	
1.4MHz	QPSK	1	0	19.28	19.41	19.23	20.70
		1	2	19.25	19.36	19.12	20.70
		1	5	19.37	19.18	19.41	20.70
		3	0	19.26	19.21	19.29	20.70
		3	1	19.34	19.28	19.27	20.70
		3	3	19.30	19.35	19.23	20.70
		6	0	18.46	18.40	18.50	19.70
	16QAM	1	0	18.57	18.39	18.37	19.70
		1	2	18.45	18.40	18.53	19.70
		1	5	18.42	18.40	18.39	19.70
		3	0	18.31	18.16	18.50	19.70
		3	1	18.55	18.48	18.33	19.70
		3	3	18.26	18.27	18.24	19.70
		6	0	17.47	17.52	17.64	18.70

	64QAM	1	0	17.66	17.54	17.57	18.70	
		1	2	17.82	17.58	17.38	18.70	
		1	5	17.61	17.62	17.59	18.70	
		3	0	17.55	17.56	17.79	18.70	
		3	1	17.65	17.65	17.54	18.70	
		3	3	17.60	17.33	17.36	18.70	
		6	0	16.41	16.34	16.27	17.70	
	256QAM	1	0	14.35	14.54	14.50	15.70	
		1	2	14.42	14.36	14.46	15.70	
		1	5	14.47	14.11	14.53	15.70	
		3	0	14.36	14.62	14.12	15.70	
		3	1	14.47	14.47	14.21	15.70	
		3	3	14.37	14.23	14.24	15.70	
		6	0	14.31	14.38	14.47	15.70	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				131987	132322	132657		
3MHz	QPSK	1	0	19.16	19.33	19.20	20.70	
		1	7	19.04	19.30	19.31	20.70	
		1	14	19.30	19.31	19.27	20.70	
		8	0	18.31	18.45	18.33	19.70	
		8	4	18.39	18.47	18.27	19.70	
		8	7	18.29	18.24	18.32	19.70	
		15	0	18.29	18.41	18.24	19.70	
	16QAM	1	0	18.46	18.42	18.41	19.70	
		1	7	18.36	18.30	18.21	19.70	
		1	14	18.52	18.30	18.32	19.70	
		8	0	17.46	17.36	17.45	18.70	
		8	4	17.32	17.32	17.39	18.70	
		8	7	17.41	17.57	17.34	18.70	
		15	0	17.45	17.54	17.50	18.70	
	64QAM	1	0	17.47	17.56	17.38	18.70	
		1	7	17.69	17.66	17.49	18.70	
		1	14	17.37	17.35	17.44	18.70	
		8	0	16.40	16.31	16.42	17.70	
		8	4	16.72	16.49	16.65	17.70	
		8	7	16.68	16.59	16.42	17.70	
		15	0	16.51	16.52	16.44	17.70	
	256QAM	1	0	14.55	14.89	14.74	15.70	
		1	7	14.61	14.70	14.73	15.70	
		1	14	14.69	14.36	14.88	15.70	
		8	0	14.55	14.73	14.62	15.70	
		8	4	14.58	14.89	14.59	15.70	
		8	7	14.50	14.72	14.58	15.70	
		15	0	14.46	14.51	14.77	15.70	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					131997	132322	132647	
5MHz	QPSK	1	0	19.23	19.31	19.21	20.70	
		1	13	19.11	19.24	19.14	20.70	
		1	24	19.25	19.36	19.25	20.70	
		12	0	18.44	18.38	18.37	19.70	
		12	6	18.49	18.50	18.20	19.70	

	16QAM	12	13	18.40	18.30	18.44	19.70	
		25	0	18.29	18.26	18.31	19.70	
		1	0	18.41	18.55	18.43	19.70	
		1	13	18.44	18.18	18.22	19.70	
		1	24	18.55	18.15	18.45	19.70	
		12	0	17.47	17.19	17.33	18.70	
		12	6	17.36	17.38	17.47	18.70	
		12	13	17.48	17.49	17.25	18.70	
	64QAM	25	0	17.44	17.38	17.67	18.70	
		1	0	17.45	17.57	17.32	18.70	
		1	13	17.64	17.53	17.43	18.70	
		1	24	17.53	17.47	17.35	18.70	
		12	0	16.41	16.44	16.42	17.70	
		12	6	16.58	16.40	16.58	17.70	
		12	13	16.61	16.50	16.41	17.70	
	256QAM	25	0	16.54	16.44	16.47	17.70	
		1	0	14.49	14.95	14.64	15.70	
		1	13	14.58	14.76	14.78	15.70	
		1	24	14.72	14.52	14.92	15.70	
		12	0	14.52	14.73	14.62	15.70	
		12	6	14.60	14.93	14.61	15.70	
		12	13	14.66	14.71	14.56	15.70	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					132022	132322	132622	
	10MHz	QPSK	1	0	19.15	19.37	19.19	20.70
1			25	19.16	19.23	19.28	20.70	
1			49	19.31	19.40	19.29	20.70	
25			0	18.35	18.33	18.40	19.70	
25			13	18.41	18.51	18.35	19.70	
25			25	18.27	18.39	18.30	19.70	
50			0	18.31	18.27	18.28	19.70	
16QAM		1	0	18.43	18.55	18.51	19.70	
		1	25	18.42	18.26	18.33	19.70	
		1	49	18.55	18.20	18.32	19.70	
		25	0	17.60	17.26	17.29	18.70	
		25	13	17.40	17.44	17.44	18.70	
		25	25	17.33	17.50	17.32	18.70	
64QAM		50	0	17.55	17.47	17.61	18.70	
		1	0	17.51	17.41	17.21	18.70	
		1	25	17.65	17.56	17.51	18.70	
		1	49	17.49	17.33	17.38	18.70	
		25	0	16.36	16.32	16.49	17.70	
		25	13	16.62	16.36	16.51	17.70	
		25	25	16.66	16.46	16.58	17.70	
256QAM		50	0	16.58	16.53	16.44	17.70	
		1	0	14.64	14.96	14.82	15.70	
		1	25	14.64	14.69	14.72	15.70	
		1	49	14.79	14.44	14.81	15.70	
		25	0	14.65	14.73	14.54	15.70	
		25	13	14.51	14.81	14.64	15.70	

Bandwidth	Modulation	25	25	14.59	14.78	14.61	15.70
		50	0	14.49	14.42	14.78	15.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132047	132322	132597	
15MHz	QPSK	1	0	19.27	19.44	19.12	20.70
		1	38	19.06	19.22	19.27	20.70
		1	74	19.15	19.39	19.20	20.70
		36	0	18.33	18.48	18.41	19.70
		36	18	18.45	18.39	18.18	19.70
		36	39	18.30	18.22	18.34	19.70
		75	0	18.34	18.35	18.30	19.70
	16QAM	1	0	18.48	18.52	18.47	19.70
		1	38	18.37	18.16	18.33	19.70
		1	74	18.53	18.29	18.41	19.70
		36	0	17.59	17.28	17.45	18.70
		36	18	17.34	17.30	17.40	18.70
		36	39	17.36	17.43	17.34	18.70
		75	0	17.44	17.44	17.50	18.70
	64QAM	1	0	17.48	17.45	17.21	18.70
		1	38	17.70	17.54	17.56	18.70
		1	74	17.54	17.49	17.27	18.70
		36	0	16.39	16.41	16.43	17.70
		36	18	16.69	16.49	16.53	17.70
		36	39	16.55	16.60	16.48	17.70
		75	0	16.48	16.47	16.52	17.70
	256QAM	1	0	14.62	14.84	14.69	15.70
		1	38	14.63	14.80	14.77	15.70
		1	74	14.80	14.50	14.90	15.70
		36	0	14.70	14.71	14.61	15.70
		36	18	14.48	14.90	14.63	15.70
		36	39	14.60	14.69	14.51	15.70
		75	0	14.58	14.43	14.89	15.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132072	132322	132572	
20MHz	QPSK	1	0	19.32	19.48	19.31	20.70
		1	50	19.24	19.38	19.33	20.70
		1	99	19.34	19.41	19.39	20.70
		50	0	18.48	18.49	18.49	19.70
		50	25	18.55	18.59	18.36	19.70
		50	50	18.41	18.40	18.45	19.70
		100	0	18.43	18.45	18.35	19.70
	16QAM	1	0	18.54	18.58	18.51	19.70
		1	50	18.56	18.33	18.36	19.70
		1	99	18.61	18.34	18.47	19.70
		50	0	17.61	17.38	17.47	18.70
		50	25	17.43	17.49	17.58	18.70
		50	50	17.52	17.60	17.43	18.70
		100	0	17.57	17.56	17.68	18.70
	64QAM	1	0	17.57	17.60	17.41	18.70
		1	50	17.73	17.67	17.61	18.70
		1	99	17.55	17.53	17.46	18.70

		50	0	16.53	16.47	16.60	17.70
		50	25	16.73	16.52	16.67	17.70
		50	50	16.71	16.62	16.61	17.70
		100	0	16.59	16.59	16.57	17.70
	256QAM	1	0	14.68	14.98	14.84	15.70
		1	50	14.71	14.81	14.80	15.70
		1	99	14.83	14.54	14.95	15.70
		50	0	14.71	14.78	14.70	15.70
		50	25	14.67	14.96	14.67	15.70
		50	50	14.70	14.80	14.67	15.70
		100	0	14.63	14.61	14.93	15.70

LTE Band 38 Default				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37775	38000	38225	
5MHz	QPSK	1	0	20.69	20.76	20.74	21.90
		1	13	20.63	20.79	20.73	21.90
		1	24	20.67	20.68	20.48	21.90
		12	0	19.59	19.65	19.81	20.90
		12	6	19.57	19.75	19.70	20.90
		12	13	19.73	19.60	19.50	20.90
		25	0	19.63	19.79	19.67	20.90
	16QAM	1	0	19.57	19.68	19.62	20.90
		1	13	19.56	19.52	19.80	20.90
		1	24	19.68	19.61	19.70	20.90
		12	0	18.71	18.68	18.70	19.90
		12	6	18.71	18.62	18.51	19.90
		12	13	18.74	18.74	18.74	19.90
		25	0	18.64	18.53	18.63	19.90
	64QAM	1	0	18.56	18.74	18.62	19.90
		1	13	18.57	18.71	18.55	19.90
		1	24	18.44	18.66	18.46	19.90
		12	0	17.55	17.51	17.45	18.90
		12	6	17.59	17.67	17.47	18.90
		12	13	17.61	17.67	17.66	18.90
		25	0	17.66	17.66	17.68	18.90
	256QAM	1	0	15.69	15.51	15.50	16.90
		1	13	15.61	15.84	15.79	16.90
		1	24	15.55	15.68	15.52	16.90
		12	0	15.49	15.62	15.64	16.90
		12	6	15.71	15.68	15.70	16.90
		12	13	15.71	15.55	15.55	16.90
		25	0	15.65	15.76	15.47	16.90
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
10MHz	QPSK			37800	38000	38200	
		1	0	20.65	20.72	20.68	21.90
		1	25	20.46	20.68	20.54	21.90
		1	49	20.51	20.68	20.54	21.90
		25	0	19.52	19.63	19.67	20.90

	16QAM	25	13	19.75	19.74	19.64	20.90	
		25	25	19.54	19.72	19.52	20.90	
		50	0	19.54	19.66	19.54	20.90	
		1	0	19.43	19.64	19.71	20.90	
		1	25	19.62	19.64	19.69	20.90	
		1	49	19.67	19.77	19.70	20.90	
		25	0	18.47	18.55	18.61	19.90	
		25	13	18.77	18.55	18.54	19.90	
		25	25	18.72	18.66	18.68	19.90	
	50	0	18.63	18.69	18.76	19.90		
	64QAM	1	0	18.65	18.69	18.70	19.90	
		1	25	18.67	18.80	18.74	19.90	
		1	49	18.58	18.61	18.61	19.90	
		25	0	17.43	17.56	17.62	18.90	
		25	13	17.45	17.72	17.54	18.90	
		25	25	17.49	17.61	17.52	18.90	
	256QAM	50	0	17.65	17.76	17.75	18.90	
		1	0	15.65	15.72	15.66	16.90	
		1	25	15.64	15.75	15.67	16.90	
		1	49	15.58	15.64	15.72	16.90	
		25	0	15.65	15.79	15.58	16.90	
		25	13	15.62	15.58	15.79	16.90	
		25	25	15.54	15.57	15.61	16.90	
	50	0	15.64	15.57	15.58	16.90		
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					37825	38000	38175	
	15MHz	QPSK	1	0	20.58	20.70	20.68	21.90
			1	38	20.61	20.67	20.57	21.90
1			74	20.69	20.57	20.69	21.90	
36			0	19.63	19.66	19.58	20.90	
36			18	19.51	19.62	19.61	20.90	
36			39	19.70	19.80	19.65	20.90	
75			0	19.63	19.83	19.58	20.90	
16QAM		1	0	19.44	19.68	19.75	20.90	
		1	38	19.70	19.70	19.76	20.90	
		1	74	19.49	19.66	19.55	20.90	
		36	0	18.58	18.61	18.76	19.90	
		36	18	18.70	18.69	18.66	19.90	
		36	39	18.76	18.66	18.71	19.90	
		75	0	18.52	18.53	18.63	19.90	
64QAM		1	0	18.55	18.76	18.65	19.90	
		1	38	18.68	18.58	18.63	19.90	
		1	74	18.46	18.70	18.64	19.90	
		36	0	17.56	17.75	17.49	18.90	
		36	18	17.49	17.58	17.49	18.90	
		36	39	17.55	17.59	17.63	18.90	
		75	0	17.58	17.70	17.72	18.90	
256QAM		1	0	15.73	15.69	15.56	16.90	
		1	38	15.56	15.81	15.67	16.90	
		1	74	15.50	15.65	15.53	16.90	
		36	0	15.52	15.85	15.65	16.90	

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
		36	18	15.58	15.62	15.57	
20MHz	QPSK	36	39	15.70	15.55	15.69	16.90
		75	0	15.67	15.71	15.51	16.90
		37850	38000	38150			
		1	0	20.79	20.88	20.83	21.90
		1	50	20.65	20.81	20.76	21.90
		1	99	20.72	20.82	20.72	21.90
	16QAM	50	0	19.75	19.86	19.81	20.90
		50	25	19.76	19.84	19.76	20.90
		50	50	19.75	19.84	19.73	20.90
		100	0	19.77	19.88	19.79	20.90
		1	0	19.67	19.84	19.80	20.90
		1	50	19.76	19.77	19.82	20.90
	64QAM	1	99	19.70	19.78	19.73	20.90
		50	0	18.71	18.75	18.83	19.90
		50	25	18.78	18.78	18.72	19.90
		50	50	18.76	18.85	18.75	19.90
		100	0	18.75	18.73	18.77	19.90
		1	0	18.77	18.88	18.71	19.90
	256QAM	1	50	18.69	18.82	18.77	19.90
		1	99	18.68	18.74	18.69	19.90
		50	0	17.68	17.76	17.69	18.90
		50	25	17.67	17.78	17.69	18.90
		50	50	17.66	17.84	17.70	18.90
		100	0	17.73	17.79	17.79	18.90
	256QAM	1	0	15.78	15.74	15.70	16.90
		1	50	15.64	15.84	15.83	16.90
		1	99	15.75	15.85	15.72	16.90
		50	0	15.70	15.86	15.72	16.90
50		25	15.76	15.80	15.80	16.90	
50		50	15.75	15.75	15.79	16.90	
100	0	15.70	15.79	15.69	16.90		

LTE Band 38 DS1&5				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37775	38000	38225	
5MHz	QPSK	1	0	17.04	17.10	17.00	18.70
		1	13	16.91	17.02	17.03	18.70
		1	24	17.05	17.06	17.14	18.70
		12	0	16.97	17.04	16.96	18.70
		12	6	16.87	17.03	17.03	18.70
		12	13	16.98	17.01	17.14	18.70
	16QAM	25	0	17.04	17.09	17.06	18.70
		1	0	16.99	17.04	16.95	18.70
		1	13	17.00	16.97	17.11	18.70
		1	24	16.89	17.06	17.05	18.70
		12	0	16.95	16.99	17.13	18.70
		12	6	17.02	17.12	17.06	18.70

		12	13	16.94	17.09	16.96	18.70
		25	0	17.01	16.98	17.05	18.70
	64QAM	1	0	17.02	17.02	17.19	18.70
		1	13	16.92	17.14	16.91	18.70
		1	24	16.93	17.08	17.13	18.70
		12	0	17.06	16.97	17.12	18.70
		12	6	16.92	16.99	16.98	18.70
		12	13	17.01	16.99	17.07	18.70
		25	0	16.97	17.11	17.05	18.70
	256QAM	1	0	15.18	15.37	15.34	16.70
		1	13	15.13	15.29	15.24	16.70
		1	24	15.34	15.23	15.36	16.70
		12	0	15.26	15.29	15.13	16.70
		12	6	15.27	15.30	15.28	16.70
12		13	15.14	15.13	15.20	16.70	
25	0	15.26	15.08	15.46	16.70		
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37800	38000	38200	
10MHz	QPSK	1	0	17.03	17.09	16.99	18.70
		1	25	16.96	16.96	17.07	18.70
		1	49	17.08	17.02	17.09	18.70
		25	0	17.00	17.05	16.94	18.70
		25	13	16.92	17.05	16.99	18.70
		25	25	16.97	16.98	17.09	18.70
		50	0	17.09	17.04	16.97	18.70
	16QAM	1	0	17.01	17.05	16.96	18.70
		1	25	17.03	16.99	17.08	18.70
		1	49	16.93	17.02	17.01	18.70
		25	0	16.98	16.96	17.11	18.70
		25	13	17.04	17.05	17.05	18.70
		25	25	16.92	17.14	16.99	18.70
	50	0	16.94	17.01	17.01	18.70	
	64QAM	1	0	17.04	17.02	17.16	18.70
		1	25	16.94	17.10	16.93	18.70
		1	49	16.90	17.00	17.10	18.70
		25	0	17.08	17.05	17.08	18.70
		25	13	16.96	17.04	16.95	18.70
		25	25	17.01	17.04	16.98	18.70
	50	0	17.08	17.03	17.05	18.70	
	256QAM	1	0	15.19	15.35	15.38	16.70
		1	25	15.16	15.20	15.20	16.70
		1	49	15.33	15.26	15.34	16.70
		25	0	15.27	15.39	15.13	16.70
		25	13	15.29	15.33	15.23	16.70
		25	25	15.05	15.16	15.19	16.70
	50	0	15.22	15.00	15.44	16.70	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37825	38000	38175	
15MHz	QPSK	1	0	17.00	17.12	16.99	18.70
		1	38	16.98	17.00	17.06	18.70
		1	74	17.08	17.09	17.12	18.70

		36	0	16.90	17.08	16.98	18.70	
		36	18	16.89	17.01	16.97	18.70	
		36	39	17.00	17.04	17.08	18.70	
		75	0	17.04	17.03	16.97	18.70	
	16QAM	1	0	17.02	16.97	17.05	18.70	
		1	38	17.07	16.98	17.03	18.70	
		1	74	16.91	17.02	17.07	18.70	
		36	0	16.91	17.02	17.04	18.70	
		36	18	17.06	17.12	17.14	18.70	
		36	39	16.90	17.11	16.99	18.70	
		75	0	17.03	16.98	17.08	18.70	
		64QAM	1	0	17.01	17.01	17.19	18.70
	1		38	16.97	17.08	16.92	18.70	
	1		74	16.91	17.01	17.07	18.70	
	36		0	17.10	17.00	17.11	18.70	
	36		18	16.99	17.00	16.97	18.70	
	36		39	17.04	16.98	17.06	18.70	
	75		0	17.04	17.07	17.11	18.70	
	256QAM	1	0	15.17	15.32	15.31	16.70	
		1	38	15.16	15.30	15.27	16.70	
		1	74	15.33	15.24	15.34	16.70	
		36	0	15.23	15.34	15.22	16.70	
		36	18	15.20	15.33	15.27	16.70	
		36	39	15.04	15.17	15.25	16.70	
		75	0	15.27	15.00	15.40	16.70	
	Bandwidth	Modulation	RB size	RB offset	Channel 37850	Channel 38000	Channel 38150	Tune up
	20MHz	QPSK	1	0	17.02	17.17	17.03	18.70
			1	50	16.94	16.99	17.06	18.70
1			99	17.08	17.04	17.04	18.70	
50			0	16.90	17.08	16.99	18.70	
50			25	16.88	17.01	17.02	18.70	
50			50	17.04	17.03	17.06	18.70	
100			0	17.04	17.05	17.02	18.70	
16QAM		1	0	16.94	16.96	17.00	18.70	
		1	50	17.02	17.00	17.04	18.70	
		1	99	16.94	17.02	17.02	18.70	
		50	0	16.97	17.07	17.05	18.70	
		50	25	17.03	17.08	17.13	18.70	
		50	50	16.95	17.16	16.99	18.70	
		100	0	16.99	17.00	17.09	18.70	
64QAM		1	0	17.00	16.96	17.11	18.70	
		1	50	16.90	17.05	16.98	18.70	
		1	99	16.93	17.04	17.05	18.70	
		50	0	17.02	16.97	17.04	18.70	
		50	25	16.98	17.03	16.98	18.70	
		50	50	16.98	16.99	17.03	18.70	
		100	0	17.06	17.12	17.04	18.70	
256QAM		1	0	15.19	15.35	15.30	16.70	
		1	50	15.11	15.27	15.28	16.70	
		1	99	15.30	15.29	15.44	16.70	

		50	0	15.25	15.34	15.17	16.70
		50	25	15.24	15.36	15.30	16.70
		50	50	15.13	15.21	15.15	16.70
		100	0	15.25	14.98	15.45	16.70

LTE Band 38 DSI4				Conducted Power(dBm)				
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				37775	38000	38225		
5MHz	QPSK	1	0	18.32	18.47	18.37	20.20	
		1	13	18.37	18.44	18.40	20.20	
		1	24	18.40	18.38	18.41	20.20	
		12	0	18.35	18.42	18.39	20.20	
		12	6	18.33	18.41	18.35	20.20	
		12	13	18.34	18.54	18.33	20.20	
	16QAM	25	0	18.37	18.47	18.39	20.20	
		1	0	18.34	18.49	18.38	20.20	
		1	13	18.38	18.41	18.37	20.20	
		1	24	18.35	18.46	18.41	20.20	
		12	0	18.03	17.92	17.88	19.70	
		12	6	18.04	18.08	18.05	19.70	
	64QAM	12	13	17.99	17.99	17.85	19.70	
		25	0	18.07	17.88	17.99	19.70	
		1	0	18.08	17.98	18.01	19.70	
		1	13	18.03	18.02	18.03	19.70	
		1	24	18.13	17.87	17.93	19.70	
		12	0	17.01	17.04	17.19	18.70	
	256QAM	12	6	17.02	16.89	17.05	18.70	
		12	13	17.24	17.15	17.11	18.70	
		25	0	17.19	17.06	17.10	18.70	
		1	0	15.17	15.29	15.35	16.70	
		1	13	15.19	15.19	15.18	16.70	
		1	24	15.28	15.25	15.37	16.70	
	10MHz	QPSK	12	0	15.33	15.40	15.17	16.70
			12	6	15.18	15.33	15.23	16.70
	12		13	15.12	15.16	15.18	16.70	
	25		0	15.28	15.01	15.46	16.70	
1	0		18.33	18.39	18.46	20.20		
1	25		18.42	18.47	18.32	20.20		
16QAM	1	49	18.42	18.40	18.45	20.20		
	25	0	18.40	18.43	18.38	20.20		
	25	13	18.32	18.42	18.36	20.20		
	25	25	18.33	18.52	18.34	20.20		
		50	0	18.34	18.48	18.40	20.20	
		1	0	18.37	18.46	18.36	20.20	
		1	25	18.42	18.48	18.34	20.20	
		1	49	18.35	18.48	18.38	20.20	
		25	0	17.98	17.91	17.93	19.70	

	64QAM	25	13	18.13	18.09	17.99	19.70
		25	25	17.94	18.04	17.87	19.70
		50	0	18.09	17.87	18.06	19.70
		1	0	18.03	17.94	17.95	19.70
		1	25	18.10	18.05	18.04	19.70
		1	49	18.07	17.87	17.95	19.70
		25	0	17.10	17.00	17.12	18.70
		25	13	17.07	16.89	17.05	18.70
		25	25	17.26	17.09	17.15	18.70
	50	0	17.23	17.10	17.18	18.70	
	256QAM	1	0	15.11	15.34	15.37	16.70
		1	25	15.19	15.24	15.24	16.70
		1	49	15.33	15.26	15.34	16.70
		25	0	15.33	15.37	15.12	16.70
		25	13	15.21	15.29	15.22	16.70
		25	25	15.05	15.21	15.25	16.70
	50	0	15.27	15.06	15.46	16.70	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				37825	38000	38175	
15MHz	QPSK	1	0	18.34	18.44	18.42	20.20
		1	38	18.45	18.39	18.41	20.20
		1	74	18.42	18.39	18.47	20.20
		36	0	18.33	18.42	18.46	20.20
		36	18	18.42	18.43	18.33	20.20
		36	39	18.41	18.44	18.35	20.20
		75	0	18.40	18.52	18.33	20.20
	16QAM	1	0	18.32	18.45	18.32	20.20
		1	38	18.42	18.45	18.34	20.20
		1	74	18.35	18.49	18.41	20.20
		36	0	18.02	17.83	17.91	19.70
		36	18	18.10	18.07	18.07	19.70
		36	39	17.93	17.98	17.87	19.70
		75	0	18.04	17.84	17.99	19.70
	64QAM	1	0	18.05	18.01	17.97	19.70
		1	38	18.04	18.02	18.01	19.70
		1	74	18.10	17.86	18.03	19.70
		36	0	17.06	17.03	17.20	18.70
		36	18	17.07	16.86	17.11	18.70
		36	39	17.24	17.08	17.13	18.70
		75	0	17.16	17.07	17.16	18.70
	256QAM	1	0	15.10	15.30	15.31	16.70
		1	38	15.14	15.29	15.28	16.70
		1	74	15.31	15.28	15.42	16.70
		36	0	15.30	15.38	15.21	16.70
		36	18	15.21	15.36	15.20	16.70
		36	39	15.11	15.18	15.20	16.70
75		0	15.25	15.03	15.43	16.70	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37850	38000	38150	
20MHz	QPSK	1	0	18.37	18.57	18.41	20.20
		1	50	18.40	18.44	18.34	20.20

		1	99	18.34	18.44	18.48	20.20
		50	0	18.42	18.56	18.46	20.20
		50	25	18.34	18.46	18.34	20.20
		50	50	18.36	18.54	18.30	20.20
		100	0	18.40	18.54	18.42	20.20
	16QAM	1	0	18.33	18.42	18.36	20.20
		1	50	18.40	18.48	18.37	20.20
		1	99	18.34	18.42	18.41	20.20
		50	0	18.01	17.88	17.97	19.70
		50	25	18.06	18.07	18.07	19.70
		50	50	17.96	17.98	17.89	19.70
	64QAM	100	0	18.06	17.92	17.99	19.70
		1	0	18.02	18.03	18.02	19.70
		1	50	18.03	18.06	18.01	19.70
		1	99	18.11	17.92	17.98	19.70
		50	0	17.01	17.00	17.19	18.70
		50	25	17.05	16.86	17.12	18.70
	256QAM	50	50	17.17	17.10	17.15	18.70
		100	0	17.20	17.05	17.08	18.70
		1	0	15.16	15.31	15.30	16.70
		1	50	15.12	15.29	15.19	16.70
		1	99	15.30	15.25	15.42	16.70
		50	0	15.34	15.35	15.21	16.70
		50	25	15.22	15.33	15.28	16.70
	50	50	15.10	15.21	15.19	16.70	
	100	0	15.20	14.98	15.46	16.70	

LTE Band 41 Default				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	20.07	20.11	20.17	20.04	20.05	21.20
		1	13	19.69	19.75	19.95	19.79	19.94	21.20
		1	24	19.85	19.93	19.78	19.79	19.86	21.20
		12	0	18.88	19.00	19.12	19.06	19.00	20.20
		12	6	18.76	18.71	18.93	18.87	18.87	20.20
		12	13	18.95	18.83	18.87	18.72	19.04	20.20
		25	0	18.76	18.88	19.07	18.80	18.83	20.20
	16QAM	1	0	18.80	18.79	19.03	18.75	18.96	20.20
		1	13	18.79	18.84	18.96	18.79	18.88	20.20
		1	24	18.94	18.79	18.84	18.77	19.07	20.20
		12	0	17.81	17.98	17.73	17.74	17.90	19.20
		12	6	17.84	17.73	18.10	17.79	17.73	19.20
		12	13	18.00	17.75	17.88	17.83	17.99	19.20
		25	0	17.75	17.88	17.94	17.95	17.70	19.20
	64QAM	1	0	17.75	18.06	18.12	17.94	17.78	19.20
		1	13	17.89	17.97	17.94	17.77	18.02	19.20
		1	24	17.92	17.92	17.98	17.75	17.93	19.20
		12	0	16.86	16.93	16.94	16.97	16.82	18.20
		12	6	16.71	16.94	16.90	16.69	16.91	18.20

	256QAM	12	13	16.96	16.90	16.92	16.83	16.84	18.20
		25	0	16.89	17.00	16.82	16.94	16.85	18.20
		1	0	14.85	14.82	15.05	14.72	14.85	16.20
		1	13	14.86	14.73	14.72	14.75	14.87	16.20
		1	24	14.81	14.81	15.11	14.87	15.06	16.20
		12	0	14.92	15.02	14.88	14.72	14.88	16.20
		12	6	14.81	14.87	14.91	14.79	14.75	16.20
		25	13	14.80	14.81	14.73	14.70	14.87	16.20
		25	0	15.06	14.86	15.11	14.78	14.80	16.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39700	40160	40620	41080	41540	
10MHz	QPSK	1	0	20.11	20.08	20.12	20.05	20.11	21.20
		1	25	19.70	19.84	19.89	19.79	19.96	21.20
		1	49	19.75	19.97	19.80	19.70	19.87	21.20
		25	0	18.87	18.94	19.16	18.98	18.80	20.20
		25	13	18.83	18.74	19.01	18.85	18.91	20.20
		25	25	18.85	18.91	18.90	18.69	18.99	20.20
		50	0	18.77	18.90	18.99	18.90	18.76	20.20
	16QAM	1	0	18.82	18.82	19.06	18.86	18.93	20.20
		1	25	18.90	18.93	19.08	18.97	18.82	20.20
		1	49	18.97	18.87	18.96	18.75	18.91	20.20
		25	0	17.76	17.84	17.86	17.91	17.94	19.20
		25	13	17.84	17.74	17.94	17.78	17.77	19.20
		25	25	17.98	17.93	17.86	17.74	18.07	19.20
		50	0	17.71	17.84	18.12	17.99	17.91	19.20
	64QAM	1	0	17.83	17.99	17.93	17.91	17.84	19.20
		1	25	17.99	17.90	17.96	17.75	18.03	19.20
		1	49	17.84	18.02	17.75	17.66	17.95	19.20
		25	0	16.99	16.92	17.00	16.82	16.83	18.20
		25	13	16.94	16.97	16.94	16.83	16.78	18.20
		25	25	16.93	17.04	16.83	16.78	17.01	18.20
		50	0	16.69	17.02	16.98	16.90	17.00	18.20
	256QAM	1	0	15.00	14.75	14.98	14.75	14.93	16.20
		1	25	14.76	14.82	14.91	14.85	14.84	16.20
		1	49	14.83	14.87	15.08	14.70	15.09	16.20
		25	0	14.72	14.97	14.96	14.66	14.77	16.20
		25	13	14.94	14.95	15.01	14.83	14.84	16.20
		25	25	14.86	14.90	14.83	14.72	14.94	16.20
		50	0	14.90	14.93	15.06	14.70	14.78	16.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39725	40173	40620	41068	41515	
15MHz	QPSK	1	0	20.09	20.14	20.15	20.05	20.02	21.20
		1	38	19.69	19.69	19.90	19.67	19.81	21.20
		1	74	19.88	20.06	19.78	19.70	19.84	21.20
		36	0	18.87	18.93	18.99	19.06	18.94	20.20
		36	18	18.71	18.78	19.01	18.88	18.77	20.20
		36	39	18.98	18.83	18.92	18.67	19.05	20.20
		75	0	18.74	19.00	19.15	18.91	18.85	20.20
	16QAM	1	0	18.89	19.03	19.10	18.96	18.94	20.20
		1	38	18.75	18.95	18.93	18.95	18.82	20.20
		1	74	19.06	18.88	18.94	18.66	18.95	20.20

		36	0	17.84	17.77	17.91	17.71	17.83	19.20
		36	18	17.92	17.80	18.00	17.78	17.89	19.20
		36	39	17.96	17.85	17.79	17.84	17.93	19.20
		75	0	17.85	17.96	18.04	17.98	17.79	19.20
	64QAM	1	0	17.88	17.95	18.00	17.81	17.79	19.20
		1	38	17.83	17.76	17.96	17.86	17.95	19.20
		1	74	17.91	17.97	17.90	17.76	17.98	19.20
		36	0	16.84	17.02	17.07	16.95	16.90	18.20
		36	18	16.94	17.09	16.95	16.68	17.00	18.20
		36	39	16.94	16.96	16.86	16.63	16.99	18.20
	256QAM	75	0	16.74	17.01	16.81	16.87	16.90	18.20
		1	0	14.96	14.86	15.07	14.63	14.90	16.20
		1	38	14.73	14.73	14.90	14.80	15.06	16.20
		1	74	14.87	14.91	15.03	14.65	15.09	16.20
36		0	14.71	14.96	15.06	14.83	14.77	16.20	
36		18	14.90	14.89	14.83	14.76	14.92	16.20	
36		39	14.93	14.80	14.90	14.86	14.94	16.20	
75	0	15.00	14.90	14.98	14.73	14.92	16.20		
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39750	40185	40620	41055	41490	
20MHz	QPSK	1	0	20.11	20.15	20.19	20.08	20.13	21.20
		1	50	19.90	19.91	20.03	19.86	20.02	21.20
		1	99	19.98	20.09	19.97	19.94	19.98	21.20
		50	0	18.96	19.01	19.18	19.07	19.04	20.20
		50	25	18.87	18.91	19.02	18.99	18.97	20.20
		50	50	19.03	19.05	18.95	18.84	19.05	20.20
		100	0	18.97	19.13	19.16	19.01	18.89	20.20
	16QAM	1	0	18.99	19.03	19.15	18.96	19.00	20.20
		1	50	18.98	19.00	19.12	18.99	19.04	20.20
		1	99	19.09	18.97	19.09	18.89	19.09	20.20
		50	0	17.92	17.98	17.96	17.91	18.01	19.20
		50	25	18.03	17.93	18.14	17.98	17.97	19.20
		50	50	18.04	17.94	17.96	17.88	18.11	19.20
		100	0	17.90	18.03	18.19	18.01	17.94	19.20
	64QAM	1	0	17.99	18.10	18.15	18.00	18.02	19.20
		1	50	18.05	17.97	18.05	17.98	18.05	19.20
		1	99	18.02	18.13	17.98	17.88	17.99	19.20
		50	0	16.99	17.04	17.15	16.99	17.05	18.20
		50	25	16.94	17.10	17.04	16.91	17.00	18.20
		50	50	17.09	17.08	17.07	16.86	17.05	18.20
		100	0	16.93	17.06	17.06	17.03	17.04	18.20
	256QAM	1	0	15.08	14.92	15.11	14.88	15.08	16.20
		1	50	14.90	14.92	14.95	14.92	15.09	16.20
		1	99	14.96	15.00	15.14	14.88	15.13	16.20
50		0	14.94	15.13	15.08	14.88	14.92	16.20	
50		25	14.99	15.05	15.07	14.89	14.92	16.20	
50		50	15.04	14.96	14.96	14.89	14.98	16.20	
100		0	15.08	15.05	15.12	14.85	15.00	16.20	

LTE Band 41 DSI1&5				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	17.03	17.02	17.04	16.95	16.94	18.70	
		1	13	17.02	17.09	16.98	17.09	17.00	18.70	
		1	24	17.10	16.99	17.09	17.02	17.10	18.70	
		12	0	16.97	17.09	16.96	17.05	16.96	18.70	
		12	6	16.98	17.05	16.97	17.09	16.95	18.70	
		12	13	17.11	17.13	17.07	17.12	17.09	18.70	
	16QAM	25	0	16.96	17.04	16.99	16.98	16.91	18.70	
		1	0	16.91	17.12	16.98	17.06	16.95	18.70	
		1	13	17.06	16.95	17.10	16.94	17.10	18.70	
		1	24	16.96	17.03	16.99	17.00	16.97	18.70	
		12	0	16.99	17.07	17.04	17.08	16.95	18.70	
		12	6	17.06	17.03	17.04	16.99	16.92	18.70	
	64QAM	12	13	16.88	17.08	16.88	16.99	17.01	18.70	
		25	0	17.01	16.94	17.07	16.96	17.09	18.70	
		1	0	17.00	17.00	16.93	16.90	17.01	18.70	
		1	13	16.99	17.03	17.03	17.06	17.01	18.70	
		1	24	17.05	17.00	17.10	16.97	17.05	18.70	
		12	0	16.57	16.53	16.50	16.58	16.48	18.20	
	256QAM	12	6	16.64	16.48	16.55	16.44	16.60	18.20	
		12	13	16.75	16.58	16.77	16.60	16.75	18.20	
		25	0	16.75	16.51	16.67	16.51	16.68	18.20	
		1	0	14.71	14.84	14.73	14.90	14.62	16.20	
		1	13	14.58	14.74	14.61	14.71	14.56	16.20	
		1	24	14.73	14.66	14.76	14.60	14.79	16.20	
	10MHz	QPSK	12	0	14.79	14.76	14.76	14.81	14.73	16.20
			12	6	14.69	14.83	14.76	14.74	14.76	16.20
			12	13	14.57	14.69	14.49	14.70	14.62	16.20
			25	0	14.77	14.57	14.69	14.49	14.78	16.20
1			0	17.05	16.99	17.04	17.03	16.94	18.70	
1			25	17.01	17.09	16.99	17.12	17.00	18.70	
16QAM		1	49	17.08	17.10	17.06	17.10	17.10	18.70	
		25	0	16.90	17.00	16.92	17.03	17.04	18.70	
		25	13	17.02	17.04	16.96	17.02	16.92	18.70	
		25	25	17.07	17.11	17.01	17.11	17.03	18.70	
		50	0	16.96	17.04	16.91	16.96	16.89	18.70	
		1	0	16.95	17.10	16.93	17.07	16.88	18.70	
64QAM	1	25	17.07	17.01	17.01	16.98	17.08	18.70		
	1	49	17.04	17.03	16.97	17.01	17.00	18.70		
	25	0	16.99	17.01	17.09	17.04	16.95	18.70		
	25	13	17.04	16.99	17.03	16.94	16.97	18.70		
	25	25	16.88	17.09	16.95	17.03	17.00	18.70		
	50	0	17.06	16.94	17.05	17.04	17.01	18.70		
	64QAM	1	0	16.96	16.94	16.94	16.93	16.91	18.70	
		1	25	16.99	17.07	16.99	17.07	16.99	18.70	
		1	49	17.06	16.95	17.06	16.97	17.11	18.70	

	256QAM	25	0	16.56	16.58	16.50	16.61	16.53	18.20
		25	13	16.65	16.49	16.62	16.46	16.56	18.20
		25	25	16.78	16.58	16.70	16.54	16.72	18.20
		50	0	16.69	16.50	16.73	16.53	16.67	18.20
		1	0	14.75	14.83	14.70	14.82	14.68	16.20
		1	25	14.61	14.71	14.57	14.65	14.53	16.20
		1	49	14.74	14.67	14.77	14.68	14.79	16.20
		25	0	14.78	14.80	14.73	14.79	14.73	16.20
		25	13	14.69	14.83	14.68	14.83	14.84	16.20
		25	25	14.54	14.72	14.49	14.67	14.57	16.20
50	0	14.75	14.55	14.73	14.50	14.69	16.20		
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39725	40173	40620	41068	41515	
15MHz	QPSK	1	0	17.00	17.02	17.02	16.99	16.88	18.70
		1	38	16.97	17.15	16.99	17.08	17.01	18.70
		1	74	17.10	17.01	17.10	17.08	17.04	18.70
		36	0	16.87	17.04	16.98	17.00	16.99	18.70
		36	18	16.99	17.05	17.00	17.03	16.98	18.70
		36	39	17.10	17.07	17.10	17.12	17.08	18.70
		75	0	17.00	17.04	16.94	17.03	16.92	18.70
	16QAM	1	0	16.94	17.05	16.94	17.15	16.93	18.70
		1	38	17.08	17.01	17.10	17.04	17.10	18.70
		1	74	17.05	17.07	16.95	17.06	16.99	18.70
		36	0	17.03	17.12	17.02	17.12	16.95	18.70
		36	18	17.03	17.00	17.00	16.99	16.92	18.70
		36	39	16.96	17.06	16.94	17.04	16.90	18.70
		75	0	17.01	17.00	17.05	16.95	17.01	18.70
	64QAM	1	0	16.99	16.90	16.92	16.93	16.92	18.70
		1	38	16.93	17.05	16.98	17.01	17.00	18.70
		1	74	17.12	16.96	17.07	16.99	17.10	18.70
		36	0	16.56	16.59	16.52	16.61	16.53	18.20
		36	18	16.60	16.47	16.64	16.45	16.60	18.20
		36	39	16.72	16.59	16.76	16.60	16.76	18.20
		75	0	16.69	16.54	16.74	16.52	16.67	18.20
	256QAM	1	0	14.75	14.86	14.74	14.84	14.62	16.20
		1	38	14.55	14.68	14.60	14.64	14.60	16.20
		1	74	14.71	14.68	14.72	14.63	14.76	16.20
		36	0	14.71	14.77	14.70	14.82	14.79	16.20
		36	18	14.71	14.74	14.67	14.77	14.83	16.20
		36	39	14.54	14.74	14.51	14.73	14.61	16.20
		75	0	14.71	14.54	14.72	14.53	14.69	16.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39750	40185	40620	41055	41490	
20MHz	QPSK	1	0	17.17	17.15	17.23	17.11	17.16	18.70
		1	50	17.00	17.08	16.98	17.08	16.91	18.70
		1	99	17.11	17.03	17.07	17.01	17.09	18.70
		50	0	17.09	17.08	17.13	17.08	17.11	18.70
		50	25	17.02	16.99	16.95	17.01	16.92	18.70
		50	50	17.03	17.04	17.08	17.07	17.02	18.70
		100	0	16.95	17.02	17.18	17.03	16.95	18.70
	16QAM	1	0	16.95	17.06	17.00	17.11	16.90	18.70

		1	50	17.01	17.03	17.10	17.03	17.14	18.70
		1	99	17.04	16.99	17.01	16.98	16.94	18.70
		50	0	17.02	17.11	17.02	17.05	16.93	18.70
		50	25	17.02	17.02	17.04	16.96	17.01	18.70
		50	50	16.91	17.04	16.88	17.09	17.01	18.70
		100	0	17.00	16.95	17.01	17.01	17.09	18.70
	64QAM	1	0	16.90	16.97	16.93	16.97	16.93	18.70
		1	50	17.00	17.04	16.98	17.05	16.92	18.70
		1	99	17.05	17.02	17.04	17.01	17.07	18.70
		50	0	16.58	16.59	16.55	16.53	16.55	18.20
		50	25	16.65	16.41	16.57	16.49	16.56	18.20
		50	50	16.76	16.59	16.76	16.55	16.73	18.20
	256QAM	100	0	16.67	16.51	16.67	16.51	16.73	18.20
		1	0	14.77	14.84	14.70	14.81	14.62	16.20
		1	50	14.55	14.68	14.60	14.71	14.58	16.20
		1	99	14.81	14.64	14.76	14.65	14.79	16.20
		50	0	14.76	14.75	14.73	14.78	14.79	16.20
		50	25	14.76	14.74	14.75	14.79	14.79	16.20
		50	50	14.51	14.77	14.53	14.76	14.57	16.20
	100	0	14.72	14.55	14.69	14.53	14.70	16.20	

LTE Band 41 DSI4				Conducted Power(dBm)					Tune up
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	
				39675	40148	40620	41093	41565	
5MHz	QPSK	1	0	18.43	18.48	18.37	18.41	18.29	20.20
		1	13	18.40	18.37	18.48	18.47	18.43	20.20
		1	24	18.46	18.40	18.47	18.41	18.53	20.20
		12	0	18.37	18.33	18.44	18.33	18.44	20.20
		12	6	18.43	18.48	18.35	18.49	18.38	20.20
		12	13	18.33	18.43	18.33	18.38	18.41	20.20
		25	0	18.31	18.43	18.36	18.38	18.31	20.20
	16QAM	1	0	18.46	18.52	18.47	18.46	18.40	20.20
		1	13	18.50	18.38	18.47	18.41	18.57	20.20
		1	24	18.45	18.43	18.44	18.38	18.41	20.20
		12	0	17.54	17.38	17.53	17.38	17.56	19.20
		12	6	17.59	17.64	17.56	17.65	17.46	19.20
		12	13	17.51	17.59	17.49	17.53	17.60	19.20
		25	0	17.56	17.46	17.60	17.42	17.53	19.20
	64QAM	1	0	17.57	17.56	17.58	17.57	17.63	19.20
		1	13	17.61	17.59	17.62	17.58	17.57	19.20
		1	24	17.69	17.48	17.64	17.40	17.63	19.20
		12	0	16.52	16.52	16.52	16.61	16.52	18.20
		12	6	16.59	16.44	16.58	16.49	16.55	18.20
		12	13	16.70	16.52	16.77	16.55	16.69	18.20
		25	0	16.67	16.47	16.70	16.50	16.72	18.20
	256QAM	1	0	14.68	14.89	14.73	14.81	14.62	16.20
		1	13	14.60	14.66	14.54	14.68	14.54	16.20
		1	24	14.74	14.63	14.71	14.68	14.74	16.20
12		0	14.72	14.83	14.73	14.86	14.79	16.20	

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39700	40160	40620	41080	41540	
10MHz	QPSK	12	6	14.68	14.75	14.76	14.73	14.83	16.20
		12	13	14.56	14.67	14.54	14.74	14.55	16.20
		25	0	14.77	14.48	14.75	14.53	14.77	16.20
		1	0	18.39	18.46	18.40	18.48	18.29	20.20
		1	25	18.45	18.44	18.47	18.40	18.48	20.20
		1	49	18.45	18.41	18.41	18.39	18.45	20.20
		25	0	18.44	18.40	18.41	18.38	18.44	20.20
	16QAM	25	13	18.41	18.44	18.41	18.50	18.37	20.20
		25	25	18.38	18.42	18.35	18.42	18.38	20.20
		50	0	18.32	18.33	18.37	18.36	18.27	20.20
		1	0	18.46	18.51	18.45	18.44	18.43	20.20
		1	25	18.46	18.38	18.43	18.36	18.50	20.20
		1	49	18.42	18.44	18.48	18.44	18.45	20.20
		25	0	17.55	17.39	17.57	17.37	17.49	19.20
	64QAM	25	13	17.56	17.67	17.58	17.66	17.54	19.20
		25	25	17.52	17.55	17.45	17.60	17.60	19.20
		50	0	17.58	17.43	17.55	17.40	17.57	19.20
		1	0	17.59	17.53	17.61	17.50	17.70	19.20
		1	25	17.56	17.54	17.55	17.59	17.63	19.20
		1	49	17.65	17.40	17.70	17.46	17.72	19.20
		25	0	16.56	16.62	16.48	16.59	16.50	18.20
	256QAM	25	13	16.62	16.48	16.62	16.45	16.52	18.20
		25	25	16.73	16.58	16.78	16.55	16.73	18.20
		50	0	16.76	16.53	16.74	16.46	16.70	18.20
		1	0	14.73	14.81	14.67	14.88	14.65	16.20
1		25	14.60	14.64	14.55	14.72	14.61	16.20	
1		49	14.72	14.67	14.79	14.58	14.77	16.20	
25		0	14.74	14.83	14.71	14.76	14.74	16.20	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39725	40173	40620	41068	41515	
15MHz	QPSK	1	0	18.37	18.39	18.35	18.45	18.28	20.20
		1	38	18.47	18.39	18.48	18.38	18.44	20.20
		1	74	18.40	18.46	18.51	18.41	18.45	20.20
		36	0	18.41	18.42	18.37	18.36	18.44	20.20
		36	18	18.35	18.53	18.33	18.45	18.31	20.20
		36	39	18.39	18.37	18.34	18.38	18.41	20.20
		75	0	18.32	18.33	18.27	18.33	18.28	20.20
	16QAM	1	0	18.46	18.45	18.52	18.49	18.47	20.20
		1	38	18.51	18.34	18.41	18.42	18.51	20.20
		1	74	18.50	18.38	18.42	18.41	18.39	20.20
		36	0	17.49	17.44	17.49	17.43	17.58	19.20
		36	18	17.52	17.60	17.53	17.66	17.48	19.20
		36	39	17.50	17.52	17.51	17.50	17.55	19.20
		75	0	17.52	17.40	17.52	17.43	17.57	19.20
	64QAM	1	0	17.65	17.51	17.65	17.50	17.65	19.20
		1	38	17.62	17.57	17.63	17.54	17.56	19.20

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up	
				39750	40185	40620	41055	41490		
20MHz	256QAM	1	74	17.70	17.43	17.74	17.47	17.66	19.20	
		36	0	16.53	16.61	16.51	16.61	16.53	18.20	
		36	18	16.64	16.42	16.56	16.43	16.57	18.20	
		36	39	16.70	16.59	16.74	16.59	16.71	18.20	
		75	0	16.72	16.47	16.67	16.54	16.73	18.20	
		1	0	14.76	14.89	14.72	14.84	14.67	16.20	
		1	38	14.58	14.70	14.57	14.68	14.57	16.20	
		1	74	14.79	14.61	14.79	14.61	14.82	16.20	
		36	0	14.72	14.82	14.72	14.85	14.77	16.20	
		36	18	14.74	14.79	14.74	14.83	14.76	16.20	
	36	39	14.56	14.66	14.52	14.76	14.58	16.20		
	75	0	14.70	14.51	14.73	14.49	14.74	16.20		
	20MHz	QPSK	1	0	18.42	18.38	18.66	18.48	18.33	20.20
			1	50	18.46	18.45	18.44	18.41	18.42	20.20
			1	99	18.51	18.39	18.45	18.39	18.48	20.20
			50	0	18.39	18.41	18.57	18.42	18.44	20.20
			50	25	18.35	18.43	18.35	18.45	18.40	20.20
			50	50	18.37	18.37	18.44	18.41	18.47	20.20
			100	0	18.30	18.35	18.46	18.38	18.27	20.20
		16QAM	1	0	18.54	18.43	18.45	18.49	18.44	20.20
1			50	18.41	18.42	18.41	18.35	18.59	20.20	
1			99	18.50	18.35	18.43	18.38	18.48	20.20	
50			0	17.51	17.42	17.56	17.44	17.58	19.20	
50			25	17.54	17.61	17.52	17.64	17.48	19.20	
50			50	17.49	17.50	17.45	17.58	17.53	19.20	
64QAM		100	0	17.58	17.40	17.59	17.46	17.63	19.20	
		1	0	17.67	17.59	17.63	17.55	17.62	19.20	
		1	50	17.56	17.54	17.58	17.59	17.63	19.20	
		1	99	17.67	17.45	17.73	17.46	17.73	19.20	
		50	0	16.52	16.58	16.53	16.55	16.56	18.20	
		50	25	16.62	16.52	16.63	16.52	16.53	18.20	
		50	50	16.78	16.62	16.71	16.56	16.77	18.20	
256QAM	100	0	16.75	16.56	16.73	16.49	16.73	18.20		
	1	0	14.76	14.83	14.77	14.82	14.65	16.20		
	1	50	14.57	14.72	14.58	14.65	14.58	16.20		
	1	99	14.80	14.66	14.80	14.59	14.85	16.20		
	50	0	14.76	14.78	14.76	14.81	14.69	16.20		
	50	25	14.67	14.78	14.67	14.81	14.85	16.20		
	50	50	14.49	14.71	14.58	14.75	14.64	16.20		
100	0	14.71	14.51	14.72	14.56	14.75	16.20			

4 Conducted Power of Main Antenna(Ant3)

4.1 Conducted Power of GSM

GSM 1900 DSI1&5										
Burst Output Power(dBm)				Tune up	Division Factors	Frame-Average Output Power(dBm)			Tune up	
Channel	512	661	810			512	661	810		
GSM(GMSK)	GSM	27.76	27.99	27.85	29.50	-9.19	18.57	18.80	18.66	20.31
GPRS (GMSK)	1 TX Slot	28.04	28.02	28.18	29.50	-9.19	18.85	18.83	18.99	20.31
	2 TX Slots	24.88	24.65	24.61	26.50	-6.18	18.70	18.47	18.43	20.32
	3 TX Slots	22.87	22.87	22.95	24.70	-4.42	18.45	18.45	18.53	20.28
	4 TX Slots	22.18	22.22	22.15	23.50	-3.17	19.01	19.05	18.98	20.33
EGPRS (GMSK)	1 TX Slot	28.14	28.05	28.11	29.50	-9.19	18.95	18.86	18.92	20.31
	2 TX Slots	24.74	24.62	24.69	26.50	-6.18	18.56	18.44	18.51	20.32
	3 TX Slots	22.83	22.83	22.87	24.70	-4.42	18.41	18.41	18.45	20.28
	4 TX Slots	21.61	21.70	21.71	23.50	-3.17	18.44	18.53	18.54	20.33
EGPRS(8PSK)	1 TX Slot	23.67	23.67	23.73	25.50	-9.19	14.48	14.48	14.54	16.31
	2 TX Slots	21.65	21.58	21.58	22.50	-6.18	15.47	15.40	15.40	16.32
	3 TX Slots	20.05	20.07	20.04	20.70	-4.42	15.63	15.65	15.62	16.28
	4 TX Slots	18.18	18.17	18.10	19.50	-3.17	15.01	15.00	14.93	16.33

GSM 1900 Default&DSI3&4										
Burst Output Power(dBm)				Tune up	Division Factors	Frame-Average Output Power(dBm)			Tune up	
Channel	512	661	810			512	661	810		
GSM(GMSK)	GSM	28.66	28.87	28.76	30.50	-9.19	19.47	19.68	19.57	21.31
GPRS (GMSK)	1 TX Slot	28.99	28.89	29.06	30.50	-9.19	19.80	19.70	19.87	21.31
	2 TX Slots	25.75	25.52	25.53	27.50	-6.18	19.57	19.34	19.35	21.32
	3 TX Slots	23.73	23.78	23.86	25.70	-4.42	19.31	19.36	19.44	21.28
	4 TX Slots	22.54	22.59	22.53	24.50	-3.17	19.37	19.42	19.36	21.33
EGPRS (GMSK)	1 TX Slot	29.03	28.98	29.04	30.50	-9.19	19.84	19.79	19.85	21.31
	2 TX Slots	25.61	25.53	25.54	27.50	-6.18	19.43	19.35	19.36	21.32
	3 TX Slots	23.76	23.74	23.75	25.70	-4.42	19.34	19.32	19.33	21.28
	4 TX Slots	22.52	22.56	22.58	24.50	-3.17	19.35	19.39	19.41	21.33
EGPRS(8PSK)	1 TX Slot	24.59	24.63	24.64	26.50	-9.19	15.40	15.44	15.45	17.31
	2 TX Slots	22.51	22.49	22.50	23.50	-6.18	16.33	16.31	16.32	17.32
	3 TX Slots	20.99	20.99	20.93	21.70	-4.42	16.57	16.57	16.51	17.28
	4 TX Slots	19.03	19.11	19.05	20.50	-3.17	15.86	15.94	15.88	17.33

4.2 Conducted Power of WCDMA

WCDMA Band II DS11&5					
Average Conducted Power(dBm)					
Channel		9262	9400	9538	Tune up
WCDMA	12.2kbps RMC	17.86	17.89	17.86	19.50
	12.2kbps AMR	17.79	17.71	17.77	19.50
HSDPA	Subtest 1	17.34	17.29	17.38	18.50
	Subtest 2	17.31	17.39	17.35	18.50
	Subtest 3	16.89	16.93	16.96	18.00
	Subtest 4	16.82	16.76	16.91	18.00
HSUPA	Subtest 1	15.27	15.25	15.34	17.00
	Subtest 2	15.31	15.41	15.34	16.50
	Subtest 3	16.39	16.17	16.37	17.50
	Subtest 4	14.76	14.78	14.93	16.50
	Subtest 5	16.30	16.31	16.45	17.50
DC-HSDPA	Subtest 1	17.22	17.23	17.42	18.50
	Subtest 2	17.32	17.21	17.52	18.50
	Subtest 3	16.88	16.80	16.79	18.00
	Subtest 4	16.96	16.82	16.87	18.00
HSPA+	16QAM	15.28	15.30	15.40	16.50

WCDMA Band II DS13					
Average Conducted Power(dBm)					
Channel		9262	9400	9538	Tune up
WCDMA	12.2kbps RMC	20.42	20.44	20.37	22.00
	12.2kbps AMR	20.23	20.23	20.31	22.00
HSDPA	Subtest 1	19.76	19.76	19.85	21.00
	Subtest 2	19.81	19.81	19.93	21.00
	Subtest 3	19.41	19.40	19.44	20.50
	Subtest 4	19.37	19.19	19.48	20.50
HSUPA	Subtest 1	17.71	17.76	17.85	19.50
	Subtest 2	17.83	17.91	17.82	19.00
	Subtest 3	18.86	18.74	18.89	20.00
	Subtest 4	17.32	17.29	17.37	19.00
	Subtest 5	18.84	18.77	18.96	20.00
DC-HSDPA	Subtest 1	19.67	19.80	19.97	21.00
	Subtest 2	19.84	19.74	19.95	21.00
	Subtest 3	19.29	19.37	19.22	20.50
	Subtest 4	19.35	19.31	19.31	20.50
HSPA+	16QAM	17.82	17.78	17.85	19.00

WCDMA Band II Default&DS14					
Average Conducted Power(dBm)					
Channel		9262	9400	9538	Tune up
WCDMA	12.2kbps RMC	23.23	23.31	23.19	25.00
	12.2kbps AMR	23.11	23.05	23.14	25.00
HSDPA	Subtest 1	22.63	22.64	22.66	24.00
	Subtest 2	22.61	22.68	22.64	24.00
	Subtest 3	22.18	22.18	22.20	23.50
	Subtest 4	22.15	22.07	22.29	23.50
HSUPA	Subtest 1	20.50	20.58	20.63	22.50
	Subtest 2	20.64	20.72	20.59	22.00
	Subtest 3	21.66	21.49	21.70	23.00
	Subtest 4	20.07	20.05	20.17	22.00
	Subtest 5	21.59	21.61	21.69	23.00
DC-HSDPA	Subtest 1	22.52	22.51	22.70	24.00
	Subtest 2	22.61	22.50	22.81	24.00
	Subtest 3	22.13	22.18	22.10	23.50
	Subtest 4	22.19	22.11	22.18	23.50
HSPA+	16QAM	20.58	20.53	20.65	22.00

WCDMA Band IV DS11&5					
Average Conducted Power(dBm)					
Channel		1312	1412	1513	Tune up
WCDMA	12.2kbps RMC	18.21	18.22	18.09	19.50
	12.2kbps AMR	18.01	18.03	18.1	19.50
HSDPA	Subtest 1	17.65	17.61	17.61	18.50
	Subtest 2	17.65	17.58	17.67	18.50
	Subtest 3	17.10	17.23	17.22	18.00
	Subtest 4	17.18	16.99	17.26	18.00
HSUPA	Subtest 1	15.57	15.63	15.50	17.00
	Subtest 2	15.67	15.63	15.66	16.50
	Subtest 3	16.70	16.57	16.75	17.50
	Subtest 4	15.06	15.02	15.17	16.50
	Subtest 5	16.52	16.52	16.69	17.50
DC-HSDPA	Subtest 1	17.51	17.60	17.70	18.50
	Subtest 2	17.53	17.57	17.85	18.50
	Subtest 3	17.17	17.15	17.08	18.00
	Subtest 4	17.17	17.10	17.17	18.00
HSPA+	16QAM	15.60	15.57	15.67	16.50

WCDMA Band IV DSI3					
Average Conducted Power(dBm)					
Channel		1312	1412	1513	Tune up
WCDMA	12.2kbps RMC	20.36	20.37	20.28	22.00
	12.2kbps AMR	20.33	20.26	20.29	22.00
HSDPA	Subtest 1	19.77	19.82	19.79	21.00
	Subtest 2	19.84	19.80	19.85	21.00
	Subtest 3	19.39	19.39	19.41	20.50
	Subtest 4	19.38	19.22	19.50	20.50
HSUPA	Subtest 1	17.70	17.70	17.83	19.50
	Subtest 2	17.89	17.87	17.78	19.00
	Subtest 3	18.88	18.74	18.89	20.00
	Subtest 4	17.33	17.24	17.36	19.00
DC-HSDPA	Subtest 5	18.84	18.82	18.88	20.00
	Subtest 1	19.74	19.73	19.96	21.00
	Subtest 2	19.80	19.76	19.94	21.00
HSPA+	Subtest 3	19.34	19.36	19.22	20.50
	Subtest 4	19.37	19.24	19.29	20.50
HSPA+	16QAM	17.75	17.73	17.90	19.00

WCDMA Band IV Default&DSI4					
Average Conducted Power(dBm)					
Channel		1312	1412	1513	Tune up
WCDMA	12.2kbps RMC	23.24	23.32	23.23	25.00
	12.2kbps AMR	23.08	23.04	23.16	25.00
HSDPA	Subtest 1	22.58	22.57	22.64	24.00
	Subtest 2	22.67	22.64	22.69	24.00
	Subtest 3	22.22	22.26	22.21	23.50
	Subtest 4	22.17	21.99	22.22	23.50
HSUPA	Subtest 1	20.57	20.51	20.59	22.50
	Subtest 2	20.68	20.73	20.57	22.00
	Subtest 3	21.65	21.44	21.63	23.00
	Subtest 4	20.07	20.03	20.18	22.00
	Subtest 5	21.66	21.60	21.67	23.00
DC-HSDPA	Subtest 1	22.50	22.58	22.77	24.00
	Subtest 2	22.62	22.57	22.81	24.00
	Subtest 3	22.14	22.20	22.02	23.50
	Subtest 4	22.15	22.08	22.12	23.50
HSPA+	16QAM	20.56	20.60	20.72	22.00

4.3 Conducted Power of LTE

LTE Band 2 DS11&5				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18607	18900	19193	
1.4MHz	QPSK	1	0	18.35	18.31	18.22	20.00
		1	2	18.27	18.33	18.24	20.00
		1	5	18.36	18.31	18.23	20.00
		3	0	18.27	18.36	18.21	20.00
		3	2	18.34	18.35	18.28	20.00
		3	3	18.27	18.36	18.26	20.00
	16QAM	6	0	18.32	18.40	18.24	20.00
		1	0	18.36	18.35	18.29	20.00
		1	2	18.37	18.33	18.20	20.00
		1	5	18.30	18.35	18.25	20.00
		3	0	18.34	18.33	18.23	20.00
		3	2	18.33	18.40	18.23	20.00
	64QAM	3	3	18.27	18.37	18.28	20.00
		6	0	18.28	18.36	18.29	20.00
		1	0	18.28	18.31	18.23	20.00
		1	2	18.27	18.38	18.27	20.00
		1	5	18.37	18.37	18.22	20.00
		3	0	18.31	18.38	18.31	20.00
	256QAM	3	2	18.35	18.31	18.27	20.00
		3	3	18.35	18.31	18.24	20.00
		6	0	18.29	18.31	18.25	20.00
		1	0	18.34	18.38	18.24	20.00
		1	2	18.34	18.33	18.26	20.00
		1	5	18.36	18.35	18.26	20.00
3MHz	QPSK	3	0	18.29	18.38	18.21	20.00
		3	2	18.34	18.35	18.30	20.00
		3	3	18.35	18.35	18.21	20.00
		6	0	18.31	18.37	18.28	20.00
		1	0	18.33	18.37	18.25	20.00
		1	7	18.34	18.34	18.25	20.00
		1	14	18.30	18.33	18.30	20.00
	16QAM	8	0	18.32	18.34	18.23	20.00
		8	4	18.35	18.36	18.28	20.00
		8	7	18.28	18.32	18.27	20.00
		15	0	18.33	18.38	18.21	20.00
		1	0	18.37	18.31	18.27	20.00
		1	7	18.29	18.39	18.22	20.00
		1	14	18.29	18.33	18.25	20.00
	64QAM	8	0	18.32	18.31	18.24	20.00
	8	4	18.36	18.37	18.24	20.00	
	8	7	18.38	18.39	18.20	20.00	
	15	0	18.31	18.36	18.24	20.00	
	1	0	18.30	18.33	18.21	20.00	

		1	7	18.32	18.29	18.22	20.00
		1	14	18.36	18.39	18.25	20.00
		8	0	18.36	18.31	18.21	20.00
		8	4	18.35	18.36	18.27	20.00
		8	7	18.33	18.32	18.21	20.00
	15	0	18.30	18.35	18.21	20.00	
	256QAM	1	0	18.27	18.36	18.27	20.00
		1	7	18.31	18.30	18.21	20.00
		1	14	18.37	18.32	18.22	20.00
		8	0	18.29	18.30	18.26	20.00
		8	4	18.34	18.30	18.30	20.00
8		7	18.31	18.30	18.31	20.00	
15	0	18.31	18.31	18.29	20.00		
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18625	18900	19175	
5MHz	QPSK	1	0	18.36	18.31	18.30	20.00
		1	13	18.38	18.31	18.24	20.00
		1	24	18.29	18.29	18.25	20.00
		12	0	18.33	18.36	18.26	20.00
		12	6	18.38	18.37	18.26	20.00
		12	13	18.36	18.31	18.24	20.00
		25	0	18.33	18.35	18.26	20.00
	16QAM	1	0	18.34	18.29	18.22	20.00
		1	13	18.30	18.37	18.25	20.00
		1	24	18.33	18.38	18.22	20.00
		12	0	18.29	18.29	18.28	20.00
		12	6	18.34	18.38	18.30	20.00
		12	13	18.30	18.35	18.22	20.00
		25	0	18.28	18.32	18.23	20.00
	64QAM	1	0	18.36	18.37	18.27	20.00
		1	13	18.37	18.33	18.26	20.00
		1	24	18.35	18.39	18.29	20.00
		12	0	18.37	18.31	18.28	20.00
		12	6	18.32	18.33	18.23	20.00
		12	13	18.37	18.40	18.23	20.00
		25	0	18.27	18.36	18.27	20.00
	256QAM	1	0	18.27	18.34	18.27	20.00
		1	13	18.30	18.34	18.30	20.00
		1	24	18.34	18.31	18.22	20.00
		12	0	18.35	18.36	18.25	20.00
		12	6	18.33	18.37	18.26	20.00
		12	13	18.35	18.31	18.25	20.00
		25	0	18.33	18.36	18.24	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18650	18900	19150	
10MHz	QPSK	1	0	18.30	18.38	18.25	20.00
		1	25	18.34	18.38	18.21	20.00
		1	49	18.35	18.30	18.25	20.00
		25	0	18.27	18.37	18.26	20.00
		25	13	18.31	18.31	18.30	20.00
		25	25	18.31	18.40	18.29	20.00

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				18675	18900	19125		
15MHz	16QAM	50	0	18.38	18.33	18.22	20.00	
		1	0	18.29	18.30	18.26	20.00	
		1	25	18.31	18.39	18.31	20.00	
		1	49	18.34	18.32	18.29	20.00	
		25	0	18.35	18.31	18.28	20.00	
		25	13	18.35	18.36	18.21	20.00	
		25	25	18.33	18.35	18.24	20.00	
	64QAM	50	0	18.32	18.36	18.25	20.00	
		1	0	18.32	18.39	18.23	20.00	
		1	25	18.33	18.36	18.31	20.00	
		1	49	18.36	18.37	18.29	20.00	
		25	0	18.30	18.32	18.24	20.00	
		25	13	18.28	18.34	18.22	20.00	
		25	25	18.34	18.36	18.23	20.00	
	256QAM	50	0	18.36	18.38	18.29	20.00	
		1	0	18.31	18.39	18.24	20.00	
		1	25	18.33	18.38	18.23	20.00	
		1	49	18.34	18.31	18.30	20.00	
		25	0	18.37	18.35	18.28	20.00	
		25	13	18.32	18.29	18.26	20.00	
		25	25	18.34	18.35	18.29	20.00	
	15MHz	QPSK	50	0	18.36	18.38	18.31	20.00
			1	0	18.30	18.33	18.21	20.00
			1	38	18.31	18.39	18.26	20.00
			1	74	18.30	18.38	18.29	20.00
			36	0	18.37	18.31	18.30	20.00
			36	18	18.35	18.31	18.29	20.00
			36	39	18.30	18.30	18.28	20.00
16QAM		75	0	18.28	18.32	18.22	20.00	
		1	0	18.28	18.34	18.24	20.00	
		1	38	18.29	18.34	18.22	20.00	
		1	74	18.29	18.33	18.29	20.00	
		36	0	18.28	18.29	18.30	20.00	
		36	18	18.32	18.31	18.28	20.00	
		36	39	18.37	18.39	18.29	20.00	
64QAM		75	0	18.35	18.30	18.31	20.00	
		1	0	18.31	18.38	18.29	20.00	
		1	38	18.37	18.39	18.28	20.00	
		1	74	18.33	18.33	18.24	20.00	
		36	0	18.35	18.35	18.27	20.00	
		36	18	18.30	18.32	18.21	20.00	
		36	39	18.29	18.34	18.29	20.00	
256QAM		75	0	18.37	18.33	18.25	20.00	
		1	0	18.35	18.40	18.30	20.00	
		1	38	18.33	18.37	18.25	20.00	
		1	74	18.37	18.30	18.23	20.00	
		36	0	18.34	18.37	18.30	20.00	
		36	18	18.37	18.30	18.22	20.00	
		36	39	18.30	18.38	18.24	20.00	

Bandwidth	Modulation	75	0	18.29	18.35	18.22	20.00
		RB size	RB offset	Channel 18700	Channel 18900	Channel 19100	Tune up
20MHz	QPSK	1	0	18.77	18.88	18.79	20.00
		1	50	18.71	18.71	18.61	20.00
		1	99	18.73	18.78	18.61	20.00
		50	0	18.73	18.84	18.72	20.00
		50	25	18.71	18.80	18.65	20.00
		50	50	18.67	18.77	18.70	20.00
		100	0	18.69	18.77	18.69	20.00
	16QAM	1	0	18.72	18.80	18.67	20.00
		1	50	18.71	18.80	18.65	20.00
		1	99	18.71	18.77	18.70	20.00
		50	0	18.78	18.72	18.71	20.00
		50	25	18.69	18.70	18.66	20.00
		50	50	18.71	18.76	18.66	20.00
		100	0	18.68	18.79	18.62	20.00
	64QAM	1	0	18.75	18.71	18.68	20.00
		1	50	18.68	18.76	18.66	20.00
		1	99	18.73	18.77	18.60	20.00
		50	0	18.73	18.78	18.68	20.00
		50	25	18.69	18.71	18.62	20.00
		50	50	18.68	18.71	18.60	20.00
		100	0	18.69	18.75	18.61	20.00
	256QAM	1	0	18.71	18.76	18.65	20.00
		1	50	18.74	18.75	18.64	20.00
		1	99	18.74	18.72	18.66	20.00
		50	0	18.68	18.74	18.67	20.00
		50	25	18.73	18.77	18.70	20.00
		50	50	18.76	18.72	18.61	20.00
		100	0	18.71	18.72	18.68	20.00

LTE Band 2 DSI3				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18607	18900	19193	
1.4MHz	QPSK	1	0	20.80	20.81	20.75	22.50
		1	2	20.77	20.86	20.80	22.50
		1	5	20.81	20.89	20.78	22.50
		3	0	20.86	20.88	20.75	22.50
		3	2	20.86	20.82	20.76	22.50
		3	3	20.86	20.82	20.78	22.50
		6	0	20.87	20.87	20.75	22.50
	16QAM	1	0	20.79	20.89	20.77	22.50
		1	2	20.78	20.88	20.73	22.50
		1	5	20.78	20.90	20.81	22.50
		3	0	20.86	20.79	20.77	22.50
		3	2	20.82	20.89	20.75	22.50
		3	3	20.85	20.82	20.77	22.50
		6	0	20.82	20.88	20.78	22.50

	64QAM	1	0	20.85	20.85	20.77	22.50			
		1	2	20.80	20.90	20.71	22.50			
		1	5	20.77	20.79	20.72	22.50			
		3	0	20.83	20.82	20.73	22.50			
		3	2	20.86	20.80	20.73	22.50			
		3	3	20.83	20.79	20.76	22.50			
	256QAM	6	0	20.86	20.84	20.71	22.50			
		1	0	18.87	19.18	19.04	20.50			
		1	2	18.85	18.99	19.00	20.50			
		1	5	19.11	18.89	19.11	20.50			
		3	0	19.09	19.08	18.90	20.50			
		3	2	18.98	18.97	19.00	20.50			
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up		
					18615	18900	19185			
3MHz			QPSK	1	0	20.79	20.86	20.79	22.50	
				1	7	20.86	20.87	20.74	22.50	
				1	14	20.87	20.83	20.78	22.50	
				8	0	20.80	20.89	20.81	22.50	
				8	4	20.83	20.82	20.74	22.50	
				8	7	20.87	20.85	20.76	22.50	
			16QAM	15	0	20.79	20.88	20.78	22.50	
				1	0	20.81	20.79	20.73	22.50	
				1	7	20.85	20.87	20.79	22.50	
				1	14	20.84	20.88	20.72	22.50	
				8	0	20.85	20.82	20.78	22.50	
				8	4	20.87	20.82	20.81	22.50	
	64QAM	8	7	20.80	20.81	20.74	22.50			
		15	0	20.80	20.88	20.73	22.50			
		1	0	20.78	20.89	20.79	22.50			
		1	7	20.87	20.84	20.81	22.50			
		1	14	20.85	20.89	20.80	22.50			
		8	0	20.82	20.86	20.76	22.50			
	256QAM	8	4	20.80	20.84	20.73	22.50			
		8	7	20.80	20.84	20.77	22.50			
		15	0	20.84	20.84	20.76	22.50			
		1	0	18.90	19.10	18.98	20.50			
		1	7	18.85	18.93	18.99	20.50			
		1	14	19.06	18.80	19.11	20.50			
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up		
					18625	18900	19175			
			5MHz	QPSK	8	0	19.10	19.07	18.92	20.50
					8	4	18.91	18.97	19.02	20.50
8					7	18.92	18.93	19.00	20.50	
15					0	18.90	18.84	19.07	20.50	
1					0	20.86	20.87	20.71	22.50	
1					13	20.87	20.84	20.79	22.50	
				1	24	20.87	20.84	20.74	22.50	
				12	0	20.78	20.87	20.76	22.50	
				12	6	20.83	20.86	20.74	22.50	

	16QAM	12	13	20.86	20.87	20.78	22.50	
		25	0	20.80	20.82	20.76	22.50	
		1	0	20.82	20.85	20.73	22.50	
		1	13	20.84	20.86	20.76	22.50	
		1	24	20.79	20.83	20.79	22.50	
		12	0	20.77	20.81	20.80	22.50	
		12	6	20.81	20.89	20.72	22.50	
		12	13	20.82	20.81	20.75	22.50	
	64QAM	25	0	20.80	20.86	20.79	22.50	
		1	0	20.78	20.87	20.80	22.50	
		1	13	20.83	20.89	20.73	22.50	
		1	24	20.86	20.83	20.80	22.50	
		12	0	20.87	20.83	20.73	22.50	
		12	6	20.87	20.87	20.81	22.50	
		12	13	20.86	20.85	20.76	22.50	
		25	0	20.79	20.89	20.75	22.50	
	256QAM	1	0	18.98	19.19	19.01	20.50	
		1	13	18.84	19.02	18.96	20.50	
		1	24	19.02	18.88	19.10	20.50	
		12	0	19.07	19.16	18.95	20.50	
		12	6	18.96	19.06	18.91	20.50	
		12	13	18.86	18.98	19.06	20.50	
		25	0	18.93	18.82	19.08	20.50	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					18650	18900	19150	
10MHz	QPSK	1	0	20.83	20.82	20.79	22.50	
		1	25	20.77	20.83	20.75	22.50	
		1	49	20.79	20.86	20.71	22.50	
		25	0	20.85	20.81	20.72	22.50	
		25	13	20.87	20.82	20.71	22.50	
		25	25	20.77	20.82	20.75	22.50	
		50	0	20.85	20.88	20.72	22.50	
	16QAM	1	0	20.85	20.87	20.73	22.50	
		1	25	20.88	20.87	20.74	22.50	
		1	49	20.82	20.90	20.75	22.50	
		25	0	20.84	20.86	20.74	22.50	
		25	13	20.84	20.83	20.74	22.50	
		25	25	20.84	20.89	20.80	22.50	
		50	0	20.82	20.89	20.72	22.50	
	64QAM	1	0	20.86	20.84	20.72	22.50	
		1	25	20.79	20.86	20.75	22.50	
		1	49	20.79	20.83	20.71	22.50	
		25	0	20.84	20.85	20.76	22.50	
		25	13	20.87	20.82	20.78	22.50	
		25	25	20.83	20.84	20.71	22.50	
		50	0	20.78	20.82	20.70	22.50	
	256QAM	1	0	18.98	19.10	19.05	20.50	
		1	25	18.85	18.93	18.97	20.50	
		1	49	19.06	18.81	19.10	20.50	
		25	0	19.01	19.11	18.91	20.50	
25		13	18.93	19.04	18.92	20.50		

Bandwidth	Modulation	25	25	18.85	18.99	18.97	20.50
		50	0	18.97	18.91	19.10	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18675	18900	19125	
15MHz	QPSK	1	0	20.79	20.82	20.80	22.50
		1	38	20.83	20.87	20.80	22.50
		1	74	20.82	20.85	20.80	22.50
		36	0	20.78	20.82	20.73	22.50
		36	18	20.84	20.84	20.78	22.50
		36	39	20.83	20.84	20.73	22.50
		75	0	20.78	20.80	20.71	22.50
	16QAM	1	0	20.88	20.89	20.79	22.50
		1	38	20.78	20.83	20.77	22.50
		1	74	20.82	20.87	20.76	22.50
		36	0	20.80	20.82	20.74	22.50
		36	18	20.85	20.83	20.77	22.50
		36	39	20.78	20.82	20.72	22.50
		75	0	20.86	20.88	20.71	22.50
	64QAM	1	0	20.87	20.84	20.72	22.50
		1	38	20.82	20.80	20.76	22.50
		1	74	20.81	20.86	20.75	22.50
		36	0	20.82	20.83	20.71	22.50
		36	18	20.77	20.87	20.71	22.50
		36	39	20.81	20.90	20.80	22.50
		75	0	20.86	20.81	20.79	22.50
	256QAM	1	0	18.94	19.19	18.96	20.50
		1	38	18.87	19.03	19.02	20.50
		1	74	19.04	18.85	19.18	20.50
		36	0	19.01	19.12	18.89	20.50
		36	18	18.98	19.00	19.00	20.50
		36	39	18.93	19.00	19.00	20.50
		75	0	18.95	18.83	19.09	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18700	18900	19100	
20MHz	QPSK	1	0	20.81	20.98	20.87	22.50
		1	50	20.77	20.89	20.76	22.50
		1	99	20.78	20.86	20.75	22.50
		50	0	20.88	20.94	20.89	22.50
		50	25	20.79	20.85	20.79	22.50
		50	50	20.85	20.84	20.79	22.50
		100	0	20.88	20.91	20.80	22.50
	16QAM	1	0	20.77	20.83	20.77	22.50
		1	50	20.79	20.80	20.71	22.50
		1	99	20.84	20.82	20.73	22.50
		50	0	20.82	20.88	20.70	22.50
		50	25	20.81	20.84	20.73	22.50
		50	50	20.84	20.83	20.71	22.50
		100	0	20.84	20.87	20.74	22.50
	64QAM	1	0	20.86	20.82	20.79	22.50
		1	50	20.85	20.89	20.78	22.50
		1	99	20.85	20.80	20.78	22.50
		1	99	20.85	20.80	20.78	22.50

		50	0	20.78	20.84	20.76	22.50
		50	25	20.82	20.84	20.76	22.50
		50	50	20.79	20.84	20.70	22.50
		100	0	20.81	20.89	20.79	22.50
	256QAM	1	0	18.92	19.15	19.05	20.50
		1	50	18.83	18.99	19.05	20.50
		1	99	19.04	18.84	19.15	20.50
		50	0	19.06	19.09	18.91	20.50
		50	25	18.92	19.04	19.02	20.50
		50	50	18.92	18.99	18.99	20.50
		100	0	18.99	18.89	19.10	20.50

LTE Band 2 Default&DSI4				Conducted Power(dBm)				
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				18607	18900	19193		
1.4MHz	QPSK	1	0	23.71	23.62	23.61	25.50	
		1	2	23.51	23.64	23.58	25.50	
		1	5	23.56	23.59	23.71	25.50	
		3	0	23.50	23.60	23.56	25.50	
		3	2	23.50	23.61	23.57	25.50	
		3	3	23.58	23.69	23.64	25.50	
	16QAM	6	0	22.60	22.71	22.67	24.50	
		1	0	22.74	22.69	22.69	24.50	
		1	2	22.66	22.72	22.89	24.50	
		1	5	22.79	22.76	22.75	24.50	
		3	0	22.83	22.78	22.72	24.50	
		3	2	22.81	22.71	22.72	24.50	
	64QAM	3	3	22.80	22.71	22.74	24.50	
		6	0	21.70	21.82	21.91	23.50	
		1	0	21.82	21.73	21.83	23.50	
		1	2	21.79	21.85	21.75	23.50	
		1	5	21.83	21.82	21.84	23.50	
		3	0	21.85	21.86	21.79	23.50	
	256QAM	3	2	21.79	21.82	21.77	23.50	
		3	3	21.81	21.83	21.84	23.50	
		6	0	20.80	20.81	20.86	22.50	
		1	0	18.87	19.18	19.04	20.50	
		1	2	18.85	18.99	19.00	20.50	
		1	5	19.11	18.89	19.11	20.50	
			3	0	19.09	19.08	18.90	20.50
			3	2	18.98	18.97	19.00	20.50
			3	3	18.84	18.93	19.06	20.50
			6	0	18.97	18.84	19.16	20.50
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
	3MHz	QPSK			18615	18900	19185	
1			0	23.63	23.61	23.59	25.50	
1			7	23.53	23.71	23.55	25.50	
1			14	23.52	23.65	23.64	25.50	
		8	0	22.70	22.60	22.53	24.50	

	16QAM	8	4	22.66	22.76	22.70	24.50
		8	7	22.68	22.67	22.72	24.50
		15	0	22.63	22.68	22.62	24.50
		1	0	22.79	22.77	22.75	24.50
		1	7	22.71	22.70	22.73	24.50
		1	14	22.63	22.64	22.69	24.50
		8	0	21.80	21.72	21.69	23.50
		8	4	21.78	21.84	21.74	23.50
		8	7	21.74	21.81	21.67	23.50
	15	0	21.77	21.68	21.76	23.50	
	64QAM	1	0	21.86	21.71	21.82	23.50
		1	7	21.89	21.89	21.74	23.50
		1	14	21.87	21.71	21.77	23.50
		8	0	20.86	20.80	20.93	22.50
		8	4	20.85	20.80	20.86	22.50
		8	7	21.00	20.93	20.77	22.50
	256QAM	15	0	20.90	20.84	20.86	22.50
		1	0	18.90	19.10	18.98	20.50
		1	7	18.85	18.93	18.99	20.50
		1	14	19.06	18.80	19.11	20.50
		8	0	19.10	19.07	18.92	20.50
8		4	18.91	18.97	19.02	20.50	
8		7	18.92	18.93	19.00	20.50	
15	0	18.90	18.84	19.07	20.50		
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18625	18900	19175	
5MHz	QPSK	1	0	23.64	23.64	23.60	25.50
		1	13	23.63	23.65	23.54	25.50
		1	24	23.57	23.66	23.66	25.50
		12	0	22.72	22.59	22.58	24.50
		12	6	22.67	22.70	22.66	24.50
		12	13	22.70	22.66	22.73	24.50
		25	0	22.56	22.73	22.57	24.50
	16QAM	1	0	22.70	22.76	22.77	24.50
		1	13	22.81	22.69	22.72	24.50
		1	24	22.68	22.62	22.74	24.50
		12	0	21.80	21.71	21.74	23.50
		12	6	21.88	21.84	21.77	23.50
		12	13	21.83	21.78	21.63	23.50
		25	0	21.85	21.71	21.82	23.50
	64QAM	1	0	21.88	21.78	21.81	23.50
		1	13	21.89	21.83	21.79	23.50
		1	24	21.86	21.78	21.74	23.50
		12	0	20.84	20.81	20.93	22.50
		12	6	20.88	20.76	20.90	22.50
		12	13	21.01	21.00	20.84	22.50
		25	0	20.93	20.85	20.89	22.50
256QAM	1	0	18.98	19.19	19.01	20.50	
	1	13	18.84	19.02	18.96	20.50	
	1	24	19.02	18.88	19.10	20.50	
	12	0	19.07	19.16	18.95	20.50	

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
		12	6	18.96	19.06	18.91	
10MHz	QPSK	12	13	18.86	18.98	19.06	20.50
		25	0	18.93	18.82	19.08	20.50
		1	0	23.59	23.67	23.53	25.50
		1	25	23.61	23.65	23.57	25.50
		1	49	23.53	23.61	23.56	25.50
		25	0	22.73	22.64	22.55	24.50
	16QAM	25	13	22.66	22.73	22.72	24.50
		25	25	22.66	22.63	22.73	24.50
		50	0	22.55	22.70	22.58	24.50
		1	0	22.72	22.79	22.75	24.50
		1	25	22.75	22.70	22.68	24.50
		1	49	22.66	22.61	22.67	24.50
	64QAM	25	0	21.76	21.74	21.70	23.50
		25	13	21.80	21.87	21.78	23.50
		25	25	21.79	21.81	21.63	23.50
		50	0	21.75	21.74	21.81	23.50
		1	0	21.90	21.76	21.75	23.50
		1	25	21.90	21.88	21.71	23.50
	256QAM	1	49	21.87	21.74	21.78	23.50
		25	0	20.84	20.78	20.85	22.50
		25	13	20.83	20.77	20.86	22.50
		25	25	21.01	20.89	20.80	22.50
		50	0	20.89	20.76	20.93	22.50
		1	0	18.98	19.10	19.05	20.50
	15MHz	QPSK	1	25	18.85	18.93	18.97
1			49	19.06	18.81	19.10	20.50
25			0	19.01	19.11	18.91	20.50
25			13	18.93	19.04	18.92	20.50
25			25	18.85	18.99	18.97	20.50
50			0	18.97	18.91	19.10	20.50
1			0	23.63	23.62	23.61	25.50
16QAM		1	38	23.58	23.64	23.54	25.50
		1	74	23.57	23.65	23.63	25.50
		36	0	22.71	22.65	22.51	24.50
	36	18	22.64	22.74	22.66	24.50	
	36	39	22.66	22.67	22.67	24.50	
	75	0	22.58	22.66	22.58	24.50	
	1	0	22.74	22.70	22.73	24.50	
64QAM	1	38	22.78	22.63	22.71	24.50	
	1	74	22.69	22.66	22.74	24.50	
	36	0	21.74	21.68	21.75	23.50	
	36	18	21.78	21.79	21.73	23.50	
	36	39	21.77	21.79	21.69	23.50	
	75	0	21.74	21.70	21.80	23.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18650	18900	19150	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18675	18900	19125	
15MHz	QPSK	1	0	23.63	23.62	23.61	25.50
		1	38	23.58	23.64	23.54	25.50
15MHz	16QAM	1	74	23.57	23.65	23.63	25.50
		36	0	22.71	22.65	22.51	24.50
15MHz	64QAM	36	18	22.64	22.74	22.66	24.50
		36	39	22.66	22.67	22.67	24.50
15MHz	QPSK	75	0	22.58	22.66	22.58	24.50
		1	0	22.74	22.70	22.73	24.50
15MHz	16QAM	1	38	22.78	22.63	22.71	24.50
		1	74	22.69	22.66	22.74	24.50
15MHz	64QAM	36	0	21.74	21.68	21.75	23.50
		36	18	21.78	21.79	21.73	23.50
15MHz	QPSK	36	39	21.77	21.79	21.69	23.50
		75	0	21.74	21.70	21.80	23.50
15MHz	16QAM	1	0	21.88	21.75	21.73	23.50
		1	38	21.88	21.81	21.73	23.50

		1	74	21.83	21.77	21.79	23.50
		36	0	20.88	20.79	20.95	22.50
		36	18	20.88	20.75	20.87	22.50
		36	39	20.96	20.99	20.79	22.50
		75	0	20.95	20.84	20.89	22.50
	256QAM	1	0	18.94	19.19	18.96	20.50
		1	38	18.87	19.03	19.02	20.50
		1	74	19.04	18.85	19.18	20.50
		36	0	19.01	19.12	18.89	20.50
		36	18	18.98	19.00	19.00	20.50
		36	39	18.93	19.00	19.00	20.50
		75	0	18.95	18.83	19.09	20.50
Bandwidth	Modulation	RB size	RB offset	Channel 18700	Channel 18900	Channel 19100	Tune up
20MHz	QPSK	1	0	23.63	23.85	23.76	25.50
		1	50	23.56	23.73	23.57	25.50
		1	99	23.62	23.64	23.66	25.50
		50	0	22.71	22.80	22.68	24.50
		50	25	22.61	22.76	22.64	24.50
		50	50	22.68	22.63	22.66	24.50
		100	0	22.62	22.73	22.66	24.50
	16QAM	1	0	22.69	22.71	22.74	24.50
		1	50	22.70	22.66	22.71	24.50
		1	99	22.67	22.69	22.69	24.50
		50	0	21.76	21.69	21.67	23.50
		50	25	21.85	21.78	21.76	23.50
		50	50	21.79	21.83	21.69	23.50
		100	0	21.75	21.74	21.78	23.50
	64QAM	1	0	21.81	21.73	21.74	23.50
		1	50	21.92	21.86	21.75	23.50
		1	99	21.83	21.74	21.76	23.50
		50	0	20.89	20.86	20.93	22.50
		50	25	20.89	20.77	20.89	22.50
		50	50	21.00	20.90	20.82	22.50
		100	0	20.92	20.84	20.93	22.50
	256QAM	1	0	18.92	19.15	19.05	20.50
		1	50	18.83	18.99	19.05	20.50
		1	99	19.04	18.84	19.15	20.50
		50	0	19.06	19.09	18.91	20.50
		50	25	18.92	19.04	19.02	20.50
		50	50	18.92	18.99	18.99	20.50
		100	0	18.99	18.89	19.10	20.50

LTE Band 4 DSI1				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up

				19957	20175	20393			
1.4MHz	QPSK	1	0	18.58	18.66	18.58	20.00		
		1	2	18.61	18.69	18.61	20.00		
		1	5	18.67	18.64	18.60	20.00		
		3	0	18.67	18.64	18.50	20.00		
		3	2	18.62	18.61	18.52	20.00		
		3	3	18.66	18.68	18.52	20.00		
	16QAM	6	0	18.59	18.67	18.51	20.00		
		1	0	18.64	18.68	18.54	20.00		
		1	2	18.64	18.60	18.51	20.00		
		1	5	18.58	18.63	18.58	20.00		
		3	0	18.66	18.69	18.54	20.00		
		3	2	18.58	18.59	18.60	20.00		
	64QAM	3	3	18.63	18.67	18.59	20.00		
		6	0	18.59	18.61	18.59	20.00		
		1	0	18.67	18.61	18.58	20.00		
		1	2	18.65	18.66	18.59	20.00		
		1	5	18.64	18.69	18.54	20.00		
		3	0	18.64	18.63	18.54	20.00		
	256QAM	3	2	18.62	18.65	18.55	20.00		
		3	3	18.58	18.68	18.50	20.00		
		6	0	18.62	18.60	18.55	20.00		
		1	0	18.63	18.65	18.60	20.00		
		1	2	18.67	18.68	18.59	20.00		
		1	5	18.63	18.62	18.59	20.00		
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up		
				19965	20175	20385			
		3MHz	QPSK	3	3	18.59	18.66	18.58	20.00
				6	0	18.64	18.66	18.57	20.00
				1	0	18.61	18.59	18.55	20.00
				1	7	18.61	18.66	18.56	20.00
				1	14	18.68	18.60	18.53	20.00
8	0			18.62	18.62	18.59	20.00		
16QAM	8		4	18.68	18.69	18.51	20.00		
	8		7	18.66	18.66	18.61	20.00		
	15		0	18.62	18.61	18.59	20.00		
	1		0	18.66	18.63	18.60	20.00		
	1		7	18.65	18.64	18.57	20.00		
	1		14	18.59	18.69	18.51	20.00		
64QAM	8		0	18.66	18.69	18.54	20.00		
	8		4	18.61	18.64	18.56	20.00		
	8		7	18.59	18.68	18.52	20.00		
	15		0	18.61	18.61	18.56	20.00		
	1		0	18.65	18.59	18.53	20.00		
	1		7	18.66	18.60	18.55	20.00		
64QAM	1	14	18.63	18.64	18.52	20.00			
	8	0	18.59	18.65	18.52	20.00			
	8	4	18.66	18.60	18.52	20.00			

	256QAM	8	7	18.63	18.69	18.51	20.00
		15	0	18.63	18.69	18.61	20.00
		1	0	18.66	18.70	18.58	20.00
		1	7	18.59	18.64	18.56	20.00
		1	14	18.61	18.65	18.50	20.00
		8	0	18.61	18.69	18.57	20.00
		8	4	18.64	18.68	18.57	20.00
		8	7	18.65	18.60	18.57	20.00
		15	0	18.61	18.64	18.52	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19975	20175	20375	
5MHz	QPSK	1	0	18.64	18.68	18.60	20.00
		1	13	18.65	18.69	18.53	20.00
		1	24	18.57	18.59	18.60	20.00
		12	0	18.60	18.64	18.51	20.00
		12	6	18.62	18.63	18.59	20.00
		12	13	18.57	18.67	18.54	20.00
		25	0	18.66	18.65	18.60	20.00
	16QAM	1	0	18.62	18.61	18.57	20.00
		1	13	18.62	18.61	18.59	20.00
		1	24	18.67	18.60	18.60	20.00
		12	0	18.64	18.64	18.56	20.00
		12	6	18.58	18.60	18.53	20.00
		12	13	18.64	18.66	18.54	20.00
		25	0	18.63	18.69	18.52	20.00
	64QAM	1	0	18.63	18.63	18.53	20.00
		1	13	18.67	18.66	18.55	20.00
		1	24	18.62	18.64	18.54	20.00
		12	0	18.64	18.61	18.53	20.00
		12	6	18.58	18.64	18.53	20.00
		12	13	18.65	18.60	18.60	20.00
		25	0	18.61	18.61	18.57	20.00
	256QAM	1	0	18.68	18.66	18.61	20.00
		1	13	18.64	18.69	18.56	20.00
		1	24	18.57	18.61	18.56	20.00
12		0	18.63	18.64	18.59	20.00	
12		6	18.60	18.65	18.59	20.00	
12		13	18.64	18.59	18.55	20.00	
25		0	18.63	18.64	18.56	20.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20000	20175	20350	
10MHz	QPSK	1	0	18.58	18.63	18.54	20.00
		1	25	18.63	18.70	18.51	20.00
		1	49	18.58	18.68	18.57	20.00
		25	0	18.59	18.66	18.53	20.00
		25	13	18.65	18.60	18.61	20.00
		25	25	18.67	18.64	18.50	20.00
		50	0	18.65	18.60	18.53	20.00
	16QAM	1	0	18.62	18.60	18.51	20.00
		1	25	18.57	18.61	18.57	20.00

		1	49	18.61	18.68	18.54	20.00
		25	0	18.59	18.64	18.59	20.00
		25	13	18.61	18.69	18.50	20.00
		25	25	18.59	18.64	18.56	20.00
		50	0	18.57	18.65	18.56	20.00
	64QAM	1	0	18.58	18.63	18.51	20.00
		1	25	18.64	18.66	18.51	20.00
		1	49	18.65	18.65	18.55	20.00
		25	0	18.67	18.65	18.58	20.00
		25	13	18.57	18.60	18.52	20.00
		25	25	18.67	18.60	18.61	20.00
	256QAM	50	0	18.58	18.70	18.55	20.00
		1	0	18.65	18.62	18.59	20.00
		1	25	18.60	18.69	18.51	20.00
		1	49	18.64	18.68	18.54	20.00
		25	0	18.64	18.59	18.58	20.00
		25	13	18.61	18.62	18.57	20.00
		25	25	18.66	18.67	18.51	20.00
50	0	18.65	18.62	18.55	20.00		
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20025	20175	20325	
15MHz	QPSK	1	0	18.64	18.65	18.58	20.00
		1	38	18.59	18.67	18.52	20.00
		1	74	18.60	18.62	18.56	20.00
		36	0	18.58	18.66	18.51	20.00
		36	18	18.61	18.62	18.53	20.00
		36	39	18.67	18.68	18.54	20.00
		75	0	18.63	18.65	18.50	20.00
	16QAM	1	0	18.58	18.65	18.59	20.00
		1	38	18.67	18.62	18.54	20.00
		1	74	18.61	18.66	18.58	20.00
		36	0	18.63	18.59	18.59	20.00
		36	18	18.66	18.61	18.53	20.00
		36	39	18.59	18.65	18.54	20.00
		75	0	18.65	18.62	18.61	20.00
	64QAM	1	0	18.68	18.61	18.56	20.00
		1	38	18.67	18.59	18.56	20.00
		1	74	18.61	18.62	18.57	20.00
		36	0	18.60	18.65	18.53	20.00
		36	18	18.63	18.69	18.57	20.00
		36	39	18.68	18.67	18.51	20.00
		75	0	18.65	18.69	18.56	20.00
	256QAM	1	0	18.62	18.66	18.58	20.00
		1	38	18.65	18.65	18.55	20.00
		1	74	18.57	18.60	18.52	20.00
		36	0	18.59	18.67	18.54	20.00
		36	18	18.60	18.62	18.59	20.00
		36	39	18.60	18.62	18.52	20.00
		75	0	18.63	18.60	18.58	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20050	20175	20300	

20MHz	QPSK	1	0	18.65	18.73	18.55	20.00
		1	50	18.58	18.60	18.50	20.00
		1	99	18.62	18.68	18.53	20.00
		50	0	18.57	18.68	18.51	20.00
		50	25	18.57	18.63	18.61	20.00
		50	50	18.60	18.60	18.61	20.00
		100	0	18.62	18.64	18.57	20.00
	16QAM	1	0	18.61	18.69	18.51	20.00
		1	50	18.60	18.59	18.59	20.00
		1	99	18.64	18.59	18.55	20.00
		50	0	18.63	18.64	18.54	20.00
		50	25	18.63	18.67	18.56	20.00
		50	50	18.57	18.64	18.56	20.00
		100	0	18.67	18.70	18.59	20.00
	64QAM	1	0	18.66	18.62	18.60	20.00
		1	50	18.66	18.69	18.59	20.00
		1	99	18.66	18.64	18.51	20.00
		50	0	18.63	18.69	18.51	20.00
		50	25	18.62	18.65	18.52	20.00
		50	50	18.61	18.70	18.51	20.00
		100	0	18.61	18.64	18.57	20.00
	256QAM	1	0	18.63	18.65	18.60	20.00
		1	50	18.65	18.60	18.50	20.00
		1	99	18.57	18.63	18.50	20.00
		50	0	18.65	18.63	18.61	20.00
		50	25	18.62	18.68	18.53	20.00
		50	50	18.58	18.68	18.54	20.00
		100	0	18.60	18.63	18.61	20.00

LTE Band 4 DS13				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19957	20175	20393	
1.4MHz	QPSK	1	0	20.71	20.75	20.59	22.50
		1	2	20.70	20.69	20.61	22.50
		1	5	20.74	20.67	20.68	22.50
		3	0	20.71	20.82	20.67	22.50
		3	2	20.70	20.78	20.64	22.50
		3	3	20.79	20.78	20.70	22.50
		6	0	20.70	20.75	20.66	22.50
	16QAM	1	0	20.74	20.69	20.70	22.50
		1	2	20.75	20.73	20.61	22.50
		1	5	20.71	20.81	20.65	22.50
		3	0	20.67	20.73	20.68	22.50
		3	2	20.76	20.72	20.60	22.50
		3	3	20.64	20.69	20.69	22.50
		6	0	20.75	20.72	20.65	22.50
	64QAM	1	0	20.71	20.80	20.62	22.50

		1	2	20.74	20.74	20.63	22.50	
		1	5	20.71	20.67	20.65	22.50	
		3	0	20.66	20.73	20.66	22.50	
		3	2	20.73	20.73	20.59	22.50	
		3	3	20.70	20.76	20.59	22.50	
		6	0	20.69	20.70	20.67	22.50	
	256QAM	1	0	18.89	19.17	18.97	20.50	
		1	2	18.92	18.99	19.07	20.50	
		1	5	19.04	18.85	19.09	20.50	
		3	0	19.07	19.11	18.98	20.50	
		3	2	18.92	19.06	18.96	20.50	
		3	3	18.94	18.97	19.09	20.50	
6	0	18.90	18.89	19.16	20.50			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				19965	20175	20385		
3MHz	QPSK	1	0	20.71	20.72	20.62	22.50	
		1	7	20.71	20.66	20.62	22.50	
		1	14	20.75	20.72	20.66	22.50	
		8	0	20.74	20.82	20.68	22.50	
		8	4	20.78	20.71	20.62	22.50	
		8	7	20.71	20.79	20.67	22.50	
	16QAM	15	0	20.80	20.81	20.59	22.50	
		1	0	20.76	20.71	20.65	22.50	
		1	7	20.77	20.74	20.58	22.50	
		1	14	20.65	20.76	20.61	22.50	
		8	0	20.73	20.69	20.65	22.50	
		8	4	20.68	20.72	20.69	22.50	
	64QAM	8	7	20.67	20.75	20.60	22.50	
		15	0	20.80	20.70	20.68	22.50	
		1	0	20.69	20.72	20.59	22.50	
		1	7	20.75	20.79	20.67	22.50	
		1	14	20.71	20.66	20.55	22.50	
		8	0	20.65	20.79	20.69	22.50	
	256QAM	8	4	20.77	20.80	20.57	22.50	
		8	7	20.69	20.73	20.60	22.50	
		15	0	20.68	20.72	20.66	22.50	
		1	0	18.93	19.14	18.94	20.50	
		1	7	18.93	18.96	19.09	20.50	
		1	14	19.04	18.91	19.10	20.50	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					19975	20175	20375	
	5MHz	QPSK	1	0	20.69	20.70	20.64	22.50
			1	13	20.75	20.66	20.59	22.50
			1	24	20.70	20.69	20.66	22.50
			12	0	20.74	20.76	20.69	22.50

	16QAM	12	6	20.76	20.77	20.61	22.50	
		12	13	20.71	20.76	20.70	22.50	
		25	0	20.79	20.79	20.61	22.50	
		1	0	20.72	20.65	20.74	22.50	
		1	13	20.77	20.78	20.66	22.50	
		1	24	20.64	20.74	20.69	22.50	
		12	0	20.64	20.76	20.64	22.50	
		12	6	20.72	20.70	20.68	22.50	
		12	13	20.71	20.71	20.69	22.50	
	25	0	20.72	20.69	20.71	22.50		
	64QAM	1	0	20.69	20.78	20.58	22.50	
		1	13	20.68	20.68	20.68	22.50	
		1	24	20.69	20.68	20.60	22.50	
		12	0	20.72	20.76	20.68	22.50	
		12	6	20.75	20.81	20.60	22.50	
		12	13	20.66	20.79	20.67	22.50	
		25	0	20.72	20.68	20.64	22.50	
		256QAM	1	0	18.84	19.17	18.91	20.50
			1	13	18.90	19.01	19.00	20.50
	1		24	18.96	18.90	19.06	20.50	
	12		0	18.99	19.15	18.97	20.50	
	12		6	18.94	19.09	18.90	20.50	
	12		13	18.87	19.00	19.02	20.50	
	25		0	18.89	18.88	19.09	20.50	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					20000	20175	20350	
	10MHz	QPSK	1	0	20.75	20.66	20.63	22.50
			1	25	20.75	20.67	20.55	22.50
1			49	20.74	20.76	20.72	22.50	
25			0	20.81	20.82	20.73	22.50	
25			13	20.78	20.72	20.62	22.50	
25			25	20.77	20.78	20.72	22.50	
50			0	20.72	20.78	20.58	22.50	
16QAM		1	0	20.67	20.65	20.64	22.50	
		1	25	20.76	20.78	20.60	22.50	
		1	49	20.71	20.80	20.69	22.50	
		25	0	20.65	20.74	20.62	22.50	
		25	13	20.75	20.67	20.65	22.50	
		25	25	20.64	20.73	20.66	22.50	
		50	0	20.70	20.68	20.68	22.50	
64QAM		1	0	20.76	20.74	20.60	22.50	
		1	25	20.73	20.78	20.66	22.50	
		1	49	20.65	20.73	20.59	22.50	
		25	0	20.66	20.73	20.60	22.50	
		25	13	20.69	20.82	20.60	22.50	
		25	25	20.67	20.78	20.64	22.50	
		50	0	20.75	20.75	20.66	22.50	
256QAM		1	0	18.89	19.19	18.92	20.50	
		1	25	18.96	19.00	19.02	20.50	
		1	49	19.04	18.92	19.07	20.50	
		25	0	19.01	19.13	19.00	20.50	

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
		25	13	20025	20175	20325	
15MHz	QPSK	25	13	18.95	19.04	18.89	20.50
		25	25	18.94	19.03	19.04	20.50
		50	0	18.86	18.92	19.18	20.50
		1	0	20.66	20.71	20.64	22.50
		1	38	20.76	20.66	20.59	22.50
		1	74	20.69	20.76	20.67	22.50
		36	0	20.70	20.76	20.72	22.50
	16QAM	36	18	20.78	20.68	20.60	22.50
		36	39	20.75	20.80	20.64	22.50
		75	0	20.78	20.82	20.64	22.50
		1	0	20.66	20.65	20.71	22.50
		1	38	20.73	20.77	20.60	22.50
		1	74	20.72	20.82	20.62	22.50
		36	0	20.70	20.76	20.66	22.50
	64QAM	36	18	20.73	20.65	20.64	22.50
		36	39	20.69	20.70	20.60	22.50
		75	0	20.76	20.64	20.68	22.50
		1	0	20.66	20.73	20.59	22.50
		1	38	20.75	20.76	20.64	22.50
		1	74	20.64	20.67	20.64	22.50
		36	0	20.70	20.76	20.64	22.50
	256QAM	36	18	20.70	20.79	20.60	22.50
		36	39	20.73	20.78	20.70	22.50
		75	0	20.70	20.70	20.61	22.50
		1	0	18.90	19.19	18.96	20.50
		1	38	18.95	19.01	19.03	20.50
		1	74	19.05	18.90	19.14	20.50
		36	0	19.09	19.09	18.97	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20050	20175	20300	
20MHz	QPSK	1	0	20.69	20.84	20.61	22.50
		1	50	20.77	20.75	20.57	22.50
		1	99	20.66	20.68	20.72	22.50
		50	0	20.79	20.83	20.65	22.50
		50	25	20.72	20.71	20.63	22.50
		50	50	20.72	20.75	20.68	22.50
		100	0	20.71	20.75	20.59	22.50
	16QAM	1	0	20.73	20.66	20.63	22.50
		1	50	20.76	20.79	20.68	22.50
		1	99	20.72	20.78	20.66	22.50
		50	0	20.67	20.69	20.66	22.50
		50	25	20.66	20.67	20.67	22.50
		50	50	20.73	20.72	20.63	22.50
		100	0	20.71	20.72	20.65	22.50
	64QAM	1	0	20.74	20.81	20.62	22.50
		1	50	20.71	20.72	20.60	22.50

		1	99	20.64	20.74	20.65	22.50
		50	0	20.69	20.74	20.65	22.50
		50	25	20.70	20.82	20.65	22.50
		50	50	20.70	20.78	20.61	22.50
		100	0	20.75	20.67	20.65	22.50
	256QAM	1	0	18.88	19.14	19.00	20.50
		1	50	18.94	18.99	19.02	20.50
		1	99	19.03	18.92	19.04	20.50
		50	0	18.99	19.08	19.01	20.50
		50	25	18.90	19.06	18.94	20.50
		50	50	18.91	18.98	19.08	20.50
		100	0	18.93	18.90	19.14	20.50

LTE Band 4 Default&DSI4				Conducted Power(dBm)				
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				19957	20175	20393		
1.4MHz	QPSK	1	0	23.64	23.62	23.50	25.50	
		1	2	23.51	23.60	23.54	25.50	
		1	5	23.55	23.50	23.66	25.50	
		3	0	23.50	23.66	23.62	25.50	
		3	2	23.54	23.61	23.63	25.50	
		3	3	23.56	23.64	23.56	25.50	
	16QAM	6	0	22.56	22.75	22.67	24.50	
		1	0	22.74	22.69	22.69	24.50	
		1	2	22.67	22.71	22.82	24.50	
		1	5	22.81	22.71	22.78	24.50	
		3	0	22.73	22.80	22.71	24.50	
		3	2	22.81	22.79	22.73	24.50	
	64QAM	3	3	22.75	22.78	22.77	24.50	
		6	0	21.71	21.87	21.93	23.50	
		1	0	21.75	21.76	21.87	23.50	
		1	2	21.79	21.79	21.70	23.50	
		1	5	21.85	21.79	21.81	23.50	
		3	0	21.80	21.82	21.85	23.50	
	256QAM	3	2	21.86	21.80	21.80	23.50	
		3	3	21.84	21.78	21.82	23.50	
		6	0	20.83	20.87	20.88	22.50	
		1	0	18.91	19.09	18.97	20.50	
		1	2	18.84	18.94	19.05	20.50	
		1	5	19.08	18.87	19.14	20.50	
		3	0	19.06	19.10	18.90	20.50	
		3	2	18.90	19.00	19.01	20.50	
	3	3	18.84	19.04	19.03	20.50		
	6	0	18.92	18.84	19.17	20.50		
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					19965	20175	20385	
3MHz	QPSK	1	0	23.59	23.65	23.54	25.50	
		1	7	23.58	23.69	23.54	25.50	

		1	14	23.61	23.62	23.64	25.50
		8	0	22.71	22.62	22.57	24.50
		8	4	22.65	22.68	22.63	24.50
		8	7	22.69	22.71	22.77	24.50
		15	0	22.56	22.72	22.65	24.50
	16QAM	1	0	22.69	22.79	22.76	24.50
		1	7	22.77	22.69	22.65	24.50
		1	14	22.74	22.59	22.70	24.50
		8	0	21.76	21.73	21.71	23.50
		8	4	21.85	21.80	21.82	23.50
	64QAM	8	7	21.83	21.85	21.70	23.50
		15	0	21.83	21.77	21.85	23.50
		1	0	21.81	21.73	21.77	23.50
		1	7	21.91	21.79	21.80	23.50
		1	14	21.83	21.78	21.81	23.50
	256QAM	8	0	20.84	20.85	20.90	22.50
		8	4	20.88	20.71	20.85	22.50
		8	7	20.93	20.92	20.85	22.50
		15	0	20.88	20.81	20.88	22.50
		1	0	18.97	19.12	19.03	20.50
			1	7	18.85	18.93	18.96
1			14	19.10	18.85	19.10	20.50
8			0	19.08	19.14	18.95	20.50
8			4	18.96	19.02	18.95	20.50
8			7	18.88	18.93	19.04	20.50
15			0	18.97	18.89	19.17	20.50
Bandwidth			Modulation	RB size	RB offset	Channel	Channel
	19975	20175				20375	
5MHz	QPSK	1	0	23.59	23.66	23.61	25.50
		1	13	23.57	23.72	23.61	25.50
		1	24	23.56	23.68	23.61	25.50
		12	0	22.65	22.63	22.60	24.50
		12	6	22.65	22.70	22.61	24.50
		12	13	22.71	22.66	22.77	24.50
	16QAM	25	0	22.57	22.65	22.57	24.50
		1	0	22.77	22.80	22.66	24.50
		1	13	22.77	22.73	22.72	24.50
		1	24	22.71	22.65	22.76	24.50
		12	0	21.75	21.73	21.77	23.50
		12	6	21.83	21.81	21.74	23.50
	64QAM	12	13	21.83	21.80	21.64	23.50
		25	0	21.79	21.69	21.82	23.50
		1	0	21.82	21.73	21.79	23.50
		1	13	21.86	21.81	21.76	23.50
		1	24	21.86	21.75	21.72	23.50
		12	0	20.82	20.87	20.91	22.50
	256QAM	12	6	20.84	20.82	20.85	22.50
		12	13	20.98	20.93	20.83	22.50
		25	0	20.87	20.77	20.85	22.50
1	0	18.87	19.13	18.99	20.50		

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20000	20175	20350	
10MHz	QPSK	1	13	18.94	18.97	18.99	20.50
		1	24	19.08	18.90	19.16	20.50
		12	0	19.07	19.09	18.88	20.50
		12	6	18.99	18.96	18.99	20.50
		12	13	18.91	18.94	18.99	20.50
		25	0	18.96	18.82	19.08	20.50
	16QAM	1	0	23.61	23.66	23.60	25.50
		1	25	23.56	23.74	23.63	25.50
		1	49	23.53	23.66	23.58	25.50
		25	0	22.70	22.62	22.56	24.50
		25	13	22.65	22.76	22.68	24.50
		25	25	22.68	22.70	22.75	24.50
	64QAM	50	0	22.56	22.70	22.61	24.50
		1	0	22.78	22.81	22.74	24.50
		1	25	22.70	22.65	22.65	24.50
		1	49	22.68	22.66	22.77	24.50
		25	0	21.77	21.70	21.75	23.50
		25	13	21.88	21.88	21.74	23.50
	256QAM	25	25	21.73	21.86	21.63	23.50
		50	0	21.79	21.70	21.82	23.50
		1	0	21.85	21.73	21.74	23.50
		1	25	21.89	21.87	21.71	23.50
		1	49	21.90	21.73	21.78	23.50
		25	0	20.82	20.87	20.96	22.50
	QPSK	25	13	20.83	20.81	20.93	22.50
25		25	20.91	21.00	20.86	22.50	
50		0	20.87	20.76	20.83	22.50	
1		0	18.97	19.20	19.03	20.50	
1		25	18.86	18.93	19.07	20.50	
1		49	19.02	18.80	19.18	20.50	
15MHz	QPSK	25	0	19.06	19.13	18.98	20.50
		25	13	18.93	18.99	18.94	20.50
		25	25	18.90	19.02	18.97	20.50
		50	0	18.94	18.91	19.07	20.50
		1	0	23.59	23.66	23.56	25.50
		1	38	23.57	23.68	23.57	25.50
	16QAM	1	74	23.60	23.61	23.58	25.50
		36	0	22.64	22.62	22.59	24.50
		36	18	22.61	22.74	22.66	24.50
		36	39	22.74	22.70	22.77	24.50
		75	0	22.56	22.71	22.64	24.50
		1	0	22.77	22.74	22.71	24.50
QPSK	1	38	22.72	22.71	22.70	24.50	
	1	74	22.73	22.64	22.66	24.50	
	36	0	21.75	21.65	21.75	23.50	
	36	18	21.79	21.81	21.76	23.50	
	36	39	21.73	21.82	21.67	23.50	

	64QAM	75	0	21.79	21.68	21.78	23.50
		1	0	21.89	21.78	21.81	23.50
		1	38	21.92	21.89	21.71	23.50
		1	74	21.90	21.79	21.72	23.50
		36	0	20.83	20.88	20.95	22.50
		36	18	20.88	20.71	20.93	22.50
		36	39	20.98	20.96	20.82	22.50
	256QAM	75	0	20.89	20.80	20.90	22.50
		1	0	18.88	19.15	19.03	20.50
		1	38	18.87	19.01	18.96	20.50
		1	74	19.08	18.88	19.19	20.50
		36	0	19.04	19.14	18.96	20.50
		36	18	18.97	19.03	18.99	20.50
		36	39	18.84	18.94	19.05	20.50
20MHz	QPSK	75	0	18.93	18.91	19.13	20.50
		1	0	23.60	23.77	23.56	25.50
		1	50	23.60	23.74	23.56	25.50
		1	99	23.55	23.67	23.59	25.50
		50	0	22.72	22.75	22.54	24.50
		50	25	22.63	22.71	22.70	24.50
		50	50	22.69	22.64	22.74	24.50
	16QAM	100	0	22.58	22.68	22.65	24.50
		1	0	22.75	22.80	22.68	24.50
		1	50	22.81	22.73	22.65	24.50
		1	99	22.70	22.65	22.75	24.50
		50	0	21.79	21.72	21.73	23.50
		50	25	21.79	21.86	21.81	23.50
		50	50	21.83	21.83	21.69	23.50
64QAM	100	0	21.79	21.74	21.82	23.50	
	1	0	21.88	21.73	21.74	23.50	
	1	50	21.86	21.85	21.77	23.50	
	1	99	21.89	21.70	21.73	23.50	
	50	0	20.88	20.83	20.95	22.50	
	50	25	20.84	20.73	20.87	22.50	
	50	50	20.92	20.95	20.79	22.50	
256QAM	100	0	20.96	20.77	20.84	22.50	
	1	0	18.88	19.15	18.96	20.50	
	1	50	18.92	18.99	19.05	20.50	
	1	99	19.02	18.89	19.10	20.50	
	50	0	19.04	19.10	18.97	20.50	
	50	25	18.95	19.06	18.94	20.50	
	50	50	18.89	19.02	19.05	20.50	

LTE Band 4 DSI5				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up

				19957	20175	20393	
1.4MHz	QPSK	1	0	13.77	13.81	13.80	15.50
		1	2	13.81	13.85	13.75	15.50
		1	5	13.84	13.92	13.73	15.50
		3	0	13.77	13.87	13.78	15.50
		3	2	13.80	13.90	13.79	15.50
		3	3	13.76	13.91	13.80	15.50
	16QAM	6	0	13.79	13.82	13.71	15.50
		1	0	13.83	13.83	13.79	15.50
		1	2	13.82	13.82	13.75	15.50
		1	5	13.74	13.89	13.74	15.50
		3	0	13.82	13.89	13.79	15.50
		3	2	13.76	13.88	13.77	15.50
	64QAM	3	3	13.84	13.86	13.78	15.50
		6	0	13.79	13.86	13.70	15.50
		1	0	13.77	13.88	13.74	15.50
		1	2	13.84	13.83	13.71	15.50
		1	5	13.77	13.85	13.70	15.50
		3	0	13.75	13.89	13.75	15.50
	256QAM	3	2	13.84	13.82	13.79	15.50
		3	3	13.82	13.92	13.80	15.50
		6	0	13.82	13.87	13.71	15.50
		1	0	13.76	13.86	13.77	15.50
		1	2	13.81	13.85	13.81	15.50
		1	5	13.81	13.84	13.76	15.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19965	20175	20385	
3MHz	QPSK	1	0	13.82	13.83	13.79	15.50
		1	7	13.79	13.91	13.71	15.50
		1	14	13.82	13.91	13.77	15.50
		8	0	13.77	13.87	13.77	15.50
		8	4	13.79	13.83	13.71	15.50
		8	7	13.78	13.83	13.81	15.50
	16QAM	15	0	13.82	13.88	13.76	15.50
		1	0	13.81	13.84	13.76	15.50
		1	7	13.76	13.92	13.71	15.50
		1	14	13.82	13.91	13.75	15.50
		8	0	13.79	13.85	13.72	15.50
		8	4	13.80	13.91	13.78	15.50
	64QAM	8	7	13.77	13.82	13.75	15.50
		15	0	13.75	13.90	13.73	15.50
		1	0	13.83	13.82	13.77	15.50
		1	7	13.80	13.85	13.74	15.50
		1	14	13.84	13.81	13.70	15.50
		8	0	13.78	13.89	13.71	15.50
		8	4	13.74	13.85	13.70	15.50

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				19975	20175	20375		
5MHz	256QAM	8	7	13.81	13.87	13.79	15.50	
		15	0	13.76	13.83	13.74	15.50	
		1	0	13.82	13.91	13.77	15.50	
		1	7	13.84	13.85	13.78	15.50	
		1	14	13.79	13.92	13.74	15.50	
		8	0	13.76	13.92	13.78	15.50	
		8	4	13.82	13.81	13.75	15.50	
		8	7	13.85	13.87	13.78	15.50	
	5MHz	QPSK	1	0	13.77	13.81	13.75	15.50
			1	13	13.77	13.85	13.75	15.50
			1	24	13.76	13.81	13.71	15.50
			12	0	13.76	13.88	13.76	15.50
			12	6	13.79	13.86	13.72	15.50
			12	13	13.77	13.92	13.80	15.50
25			0	13.84	13.87	13.78	15.50	
16QAM		1	0	13.82	13.84	13.71	15.50	
		1	13	13.75	13.84	13.73	15.50	
		1	24	13.74	13.87	13.79	15.50	
		12	0	13.79	13.89	13.74	15.50	
		12	6	13.75	13.88	13.80	15.50	
		12	13	13.85	13.83	13.72	15.50	
		25	0	13.77	13.86	13.73	15.50	
64QAM		1	0	13.80	13.92	13.73	15.50	
		1	13	13.76	13.89	13.74	15.50	
		1	24	13.78	13.91	13.76	15.50	
		12	0	13.76	13.86	13.77	15.50	
	12	6	13.75	13.89	13.74	15.50		
	12	13	13.82	13.87	13.70	15.50		
	25	0	13.83	13.90	13.72	15.50		
256QAM	1	0	13.77	13.92	13.71	15.50		
	1	13	13.81	13.81	13.78	15.50		
	1	24	13.81	13.84	13.81	15.50		
	12	0	13.76	13.89	13.76	15.50		
	12	6	13.79	13.86	13.75	15.50		
	12	13	13.82	13.89	13.79	15.50		
	25	0	13.75	13.85	13.71	15.50		
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				20000	20175	20350		
10MHz	QPSK	1	0	13.85	13.90	13.70	15.50	
		1	25	13.75	13.87	13.71	15.50	
		1	49	13.74	13.90	13.77	15.50	
		25	0	13.75	13.82	13.77	15.50	
		25	13	13.83	13.83	13.80	15.50	
		25	25	13.74	13.90	13.81	15.50	
		50	0	13.75	13.83	13.80	15.50	
	16QAM	1	0	13.77	13.84	13.80	15.50	
		1	25	13.83	13.82	13.71	15.50	

		1	49	13.81	13.87	13.78	15.50
		25	0	13.84	13.84	13.76	15.50
		25	13	13.80	13.89	13.80	15.50
		25	25	13.76	13.89	13.72	15.50
		50	0	13.76	13.83	13.80	15.50
	64QAM	1	0	13.76	13.84	13.75	15.50
		1	25	13.77	13.88	13.79	15.50
		1	49	13.76	13.83	13.80	15.50
		25	0	13.82	13.85	13.79	15.50
		25	13	13.78	13.92	13.78	15.50
	256QAM	25	25	13.80	13.83	13.78	15.50
		50	0	13.82	13.90	13.74	15.50
		1	0	13.77	13.91	13.75	15.50
		1	25	13.80	13.89	13.78	15.50
		1	49	13.78	13.83	13.77	15.50
		25	0	13.76	13.86	13.78	15.50
		25	13	13.79	13.89	13.73	15.50
		25	25	13.84	13.91	13.80	15.50
50		0	13.83	13.87	13.70	15.50	
Bandwidth		Modulation	RB size	RB offset	Channel	Channel	Channel
				20025	20175	20325	
15MHz	QPSK	1	0	13.78	13.85	13.71	15.50
		1	38	13.82	13.83	13.79	15.50
		1	74	13.75	13.86	13.75	15.50
		36	0	13.77	13.85	13.71	15.50
		36	18	13.82	13.91	13.81	15.50
		36	39	13.84	13.91	13.79	15.50
		75	0	13.76	13.90	13.78	15.50
	16QAM	1	0	13.83	13.85	13.76	15.50
		1	38	13.84	13.82	13.74	15.50
		1	74	13.82	13.83	13.74	15.50
		36	0	13.79	13.90	13.77	15.50
		36	18	13.76	13.83	13.79	15.50
		36	39	13.75	13.90	13.76	15.50
		75	0	13.75	13.82	13.74	15.50
	64QAM	1	0	13.77	13.90	13.81	15.50
		1	38	13.78	13.82	13.78	15.50
		1	74	13.82	13.90	13.76	15.50
		36	0	13.84	13.89	13.76	15.50
		36	18	13.81	13.89	13.70	15.50
		36	39	13.80	13.86	13.76	15.50
		75	0	13.82	13.92	13.79	15.50
	256QAM	1	0	13.80	13.86	13.79	15.50
		1	38	13.83	13.87	13.71	15.50
		1	74	13.74	13.88	13.72	15.50
		36	0	13.79	13.89	13.75	15.50
		36	18	13.78	13.89	13.72	15.50
		36	39	13.82	13.90	13.72	15.50
		75	0	13.83	13.90	13.75	15.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20050	20175	20300	

20MHz	QPSK	1	0	13.82	13.97	13.75	15.50
		1	50	13.75	13.92	13.71	15.50
		1	99	13.82	13.86	13.77	15.50
		50	0	13.83	13.95	13.71	15.50
		50	25	13.85	13.86	13.72	15.50
		50	50	13.84	13.91	13.73	15.50
		100	0	13.78	13.84	13.73	15.50
	16QAM	1	0	13.83	13.90	13.77	15.50
		1	50	13.79	13.89	13.77	15.50
		1	99	13.83	13.83	13.71	15.50
		50	0	13.82	13.88	13.77	15.50
		50	25	13.82	13.85	13.77	15.50
		50	50	13.79	13.90	13.74	15.50
		100	0	13.76	13.87	13.72	15.50
	64QAM	1	0	13.77	13.87	13.74	15.50
		1	50	13.83	13.88	13.70	15.50
		1	99	13.83	13.89	13.77	15.50
		50	0	13.80	13.83	13.75	15.50
		50	25	13.76	13.87	13.74	15.50
		50	50	13.82	13.88	13.79	15.50
		100	0	13.82	13.85	13.74	15.50
	256QAM	1	0	13.85	13.91	13.81	15.50
		1	50	13.84	13.86	13.80	15.50
		1	99	13.81	13.86	13.80	15.50
		50	0	13.79	13.89	13.80	15.50
		50	25	13.79	13.84	13.77	15.50
		50	50	13.83	13.84	13.74	15.50
		100	0	13.85	13.89	13.75	15.50

LTE Band 7 DSI1&5				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20775	21100	21425	
5MHz	QPSK	1	0	17.86	17.93	17.76	19.00
		1	13	17.85	17.84	17.79	19.00
		1	24	17.82	17.89	17.75	19.00
		12	0	17.79	17.90	17.75	19.00
		12	6	17.86	17.88	17.80	19.00
		12	13	17.78	17.89	17.78	19.00
		25	0	17.83	17.84	17.75	19.00
	16QAM	1	0	17.79	17.88	17.82	19.00
		1	13	17.87	17.86	17.83	19.00
		1	24	17.79	17.92	17.74	19.00
		12	0	17.80	17.89	17.75	19.00
		12	6	17.77	17.94	17.75	19.00
		12	13	17.79	17.89	17.75	19.00
		25	0	17.81	17.88	17.76	19.00
	64QAM	1	0	17.86	17.90	17.74	19.00
		1	13	17.86	17.92	17.80	19.00
		1	24	17.77	17.84	17.82	19.00

		12	0	17.85	17.90	17.73	19.00	
		12	6	17.79	17.88	17.81	19.00	
		12	13	17.83	17.86	17.81	19.00	
		25	0	17.80	17.87	17.72	19.00	
	256QAM	1	0	17.83	17.90	17.80	19.00	
		1	13	17.77	17.87	17.82	19.00	
		1	24	17.86	17.93	17.73	19.00	
		12	0	17.82	17.88	17.73	19.00	
		12	6	17.82	17.93	17.75	19.00	
		12	13	17.83	17.89	17.77	19.00	
		25	0	17.86	17.94	17.77	19.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
10MHz	QPSK	1	0	17.83	17.88	17.81	19.00	
		1	25	17.85	17.94	17.75	19.00	
		1	49	17.80	17.85	17.74	19.00	
		25	0	17.83	17.91	17.76	19.00	
		25	13	17.76	17.94	17.80	19.00	
		25	25	17.78	17.90	17.76	19.00	
		50	0	17.83	17.90	17.78	19.00	
	16QAM	1	0	17.80	17.85	17.77	19.00	
		1	25	17.77	17.88	17.78	19.00	
		1	49	17.80	17.86	17.73	19.00	
		25	0	17.79	17.87	17.77	19.00	
		25	13	17.86	17.84	17.75	19.00	
		25	25	17.79	17.84	17.73	19.00	
	64QAM	50	0	17.82	17.87	17.79	19.00	
		1	0	17.81	17.90	17.81	19.00	
		1	25	17.82	17.91	17.82	19.00	
		1	49	17.83	17.91	17.73	19.00	
		25	0	17.82	17.88	17.81	19.00	
		25	13	17.80	17.86	17.80	19.00	
	256QAM	25	25	17.77	17.84	17.74	19.00	
		50	0	17.83	17.88	17.83	19.00	
		1	0	17.82	17.90	17.79	19.00	
		1	25	17.83	17.89	17.78	19.00	
		1	49	17.80	17.87	17.76	19.00	
		25	0	17.77	17.88	17.74	19.00	
			25	13	17.83	17.87	17.78	19.00
			25	25	17.78	17.86	17.83	19.00
			50	0	17.83	17.87	17.74	19.00
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
	15MHz	QPSK	20825		21100		21375	
1			0	17.78	17.90	17.72	19.00	
1			38	17.86	17.90	17.79	19.00	
1			74	17.87	17.86	17.77	19.00	
36			0	17.77	17.91	17.72	19.00	
36			18	17.79	17.84	17.73	19.00	
36			39	17.83	17.84	17.78	19.00	
75		0	17.84	17.85	17.81	19.00		
16QAM		1	0	17.79	17.94	17.83	19.00	

		1	38	17.83	17.87	17.75	19.00	
		1	74	17.85	17.87	17.76	19.00	
		36	0	17.79	17.87	17.73	19.00	
		36	18	17.77	17.91	17.81	19.00	
		36	39	17.81	17.88	17.81	19.00	
		75	0	17.77	17.86	17.82	19.00	
	64QAM	1	0	17.84	17.93	17.77	19.00	
		1	38	17.86	17.84	17.79	19.00	
		1	74	17.76	17.87	17.80	19.00	
		36	0	17.81	17.93	17.81	19.00	
		36	18	17.83	17.94	17.76	19.00	
		36	39	17.83	17.89	17.72	19.00	
	256QAM	75	0	17.84	17.86	17.73	19.00	
		1	0	17.80	17.92	17.82	19.00	
		1	38	17.76	17.88	17.81	19.00	
		1	74	17.80	17.89	17.73	19.00	
		36	0	17.80	17.84	17.73	19.00	
		36	18	17.77	17.92	17.77	19.00	
			36	39	17.83	17.93	17.81	19.00
			75	0	17.86	17.89	17.79	19.00
					Channel	Channel	Channel	Tune up
			20850	21100	21350			
20MHz	QPSK	1	0	17.96	17.99	17.90	19.00	
		1	50	17.86	17.92	17.79	19.00	
		1	99	17.79	17.92	17.81	19.00	
		50	0	17.87	17.96	17.80	19.00	
		50	25	17.85	17.92	17.73	19.00	
		50	50	17.80	17.90	17.73	19.00	
		100	0	17.78	17.85	17.76	19.00	
	16QAM	1	0	17.79	17.85	17.79	19.00	
		1	50	17.78	17.92	17.82	19.00	
		1	99	17.86	17.91	17.81	19.00	
		50	0	17.85	17.93	17.78	19.00	
		50	25	17.79	17.86	17.81	19.00	
		50	50	17.77	17.89	17.73	19.00	
		100	0	17.80	17.89	17.76	19.00	
	64QAM	1	0	17.83	17.87	17.79	19.00	
		1	50	17.86	17.86	17.81	19.00	
		1	99	17.83	17.89	17.75	19.00	
		50	0	17.80	17.92	17.82	19.00	
		50	25	17.79	17.85	17.74	19.00	
		50	50	17.82	17.89	17.79	19.00	
		100	0	17.85	17.86	17.74	19.00	
	256QAM	1	0	17.78	17.86	17.74	19.00	
		1	50	17.81	17.85	17.76	19.00	
		1	99	17.76	17.93	17.80	19.00	
		50	0	17.86	17.86	17.72	19.00	
		50	25	17.77	17.84	17.81	19.00	
		50	50	17.85	17.94	17.80	19.00	
		100	0	17.87	17.85	17.75	19.00	

LTE Band 7 DSI3				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20775	21100	21425	
5MHz	QPSK	1	0	18.77	18.83	18.72	20.50
		1	13	18.78	18.79	18.67	20.50
		1	24	18.75	18.84	18.68	20.50
		12	0	18.75	18.77	18.76	20.50
		12	6	18.74	18.84	18.75	20.50
		12	13	18.73	18.80	18.74	20.50
		25	0	18.77	18.87	18.67	20.50
	16QAM	1	0	18.75	18.78	18.73	20.50
		1	13	18.77	18.85	18.67	20.50
		1	24	18.73	18.79	18.75	20.50
		12	0	18.75	18.82	18.74	20.50
		12	6	18.76	18.78	18.74	20.50
		12	13	18.75	18.80	18.69	20.50
		25	0	18.80	18.80	18.75	20.50
	64QAM	1	0	18.72	18.82	18.74	20.50
		1	13	18.77	18.82	18.75	20.50
		1	24	18.72	18.82	18.68	20.50
		12	0	18.70	18.83	18.73	20.50
		12	6	18.72	18.84	18.73	20.50
		12	13	18.71	18.77	18.74	20.50
		25	0	18.77	18.81	18.76	20.50
	256QAM	1	0	18.80	18.87	18.73	20.50
		1	13	18.72	18.87	18.77	20.50
		1	24	18.71	18.81	18.71	20.50
12		0	18.74	18.85	18.74	20.50	
12		6	18.74	18.79	18.71	20.50	
12		13	18.70	18.85	18.69	20.50	
25		0	18.78	18.87	18.71	20.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
10MHz	QPSK	1	0	18.72	18.78	18.67	20.50
		1	25	18.70	18.81	18.68	20.50
		1	49	18.74	18.85	18.67	20.50
		25	0	18.71	18.83	18.75	20.50
		25	13	18.77	18.80	18.68	20.50
		25	25	18.78	18.79	18.68	20.50
		50	0	18.78	18.83	18.74	20.50
	16QAM	1	0	18.79	18.87	18.77	20.50
		1	25	18.79	18.87	18.69	20.50
		1	49	18.76	18.80	18.66	20.50
		25	0	18.76	18.84	18.68	20.50
		25	13	18.80	18.79	18.74	20.50
		25	25	18.76	18.81	18.67	20.50
		50	0	18.79	18.84	18.69	20.50

	64QAM	1	0	18.76	18.83	18.74	20.50
		1	25	18.72	18.84	18.69	20.50
		1	49	18.76	18.81	18.74	20.50
		25	0	18.73	18.80	18.67	20.50
		25	13	18.77	18.80	18.75	20.50
		25	25	18.79	18.87	18.72	20.50
		50	0	18.73	18.80	18.77	20.50
	256QAM	1	0	18.72	18.79	18.71	20.50
		1	25	18.79	18.87	18.69	20.50
		1	49	18.73	18.81	18.76	20.50
		25	0	18.79	18.80	18.67	20.50
		25	13	18.76	18.87	18.68	20.50
		25	25	18.75	18.78	18.71	20.50
		50	0	18.76	18.81	18.74	20.50
Bandwidth	Modulation	RB size	RB offset	Channel 20825	Channel 21100	Channel 21375	Tune up
15MHz	QPSK	1	0	18.78	18.85	18.76	20.50
		1	38	18.79	18.81	18.72	20.50
		1	74	18.77	18.81	18.68	20.50
		36	0	18.73	18.81	18.72	20.50
		36	18	18.74	18.82	18.68	20.50
		36	39	18.75	18.79	18.76	20.50
		75	0	18.76	18.86	18.76	20.50
	16QAM	1	0	18.77	18.82	18.67	20.50
		1	38	18.77	18.87	18.70	20.50
		1	74	18.71	18.77	18.76	20.50
		36	0	18.72	18.83	18.69	20.50
		36	18	18.79	18.83	18.68	20.50
		36	39	18.75	18.82	18.77	20.50
		75	0	18.78	18.84	18.66	20.50
	64QAM	1	0	18.74	18.79	18.76	20.50
		1	38	18.74	18.77	18.75	20.50
		1	74	18.72	18.84	18.67	20.50
		36	0	18.72	18.84	18.70	20.50
		36	18	18.75	18.77	18.76	20.50
		36	39	18.81	18.81	18.72	20.50
		75	0	18.71	18.81	18.71	20.50
	256QAM	1	0	18.70	18.79	18.72	20.50
		1	38	18.77	18.78	18.73	20.50
		1	74	18.75	18.81	18.67	20.50
		36	0	18.76	18.77	18.68	20.50
		36	18	18.73	18.77	18.74	20.50
		36	39	18.71	18.81	18.74	20.50
		75	0	18.78	18.80	18.71	20.50
Bandwidth	Modulation	RB size	RB offset	Channel 20850	Channel 21100	Channel 21350	Tune up
20MHz	QPSK	1	0	18.83	18.95	18.92	20.50
		1	50	18.77	18.79	18.69	20.50
		1	99	18.74	18.86	18.77	20.50
		50	0	18.79	18.88	18.77	20.50
		50	25	18.77	18.78	18.72	20.50

		50	50	18.78	18.85	18.73	20.50
		100	0	18.72	18.80	18.76	20.50
	16QAM	1	0	18.79	18.84	18.73	20.50
		1	50	18.71	18.81	18.70	20.50
		1	99	18.73	18.77	18.69	20.50
		50	0	18.74	18.81	18.76	20.50
		50	25	18.73	18.84	18.77	20.50
		50	50	18.80	18.84	18.76	20.50
		100	0	18.71	18.85	18.75	20.50
		64QAM	1	0	18.77	18.86	18.75
	1		50	18.70	18.78	18.72	20.50
	1		99	18.71	18.82	18.77	20.50
	50		0	18.71	18.81	18.70	20.50
	50		25	18.78	18.78	18.75	20.50
	50		50	18.72	18.79	18.70	20.50
	256QAM	100	0	18.75	18.85	18.67	20.50
		1	0	18.75	18.81	18.68	20.50
		1	50	18.73	18.83	18.67	20.50
		1	99	18.76	18.85	18.67	20.50
		50	0	18.77	18.87	18.67	20.50
		50	25	18.73	18.82	18.77	20.50
		50	50	18.71	18.88	18.77	20.50
	100	0	18.73	18.83	18.69	20.50	

LTE Band 7 Default&DSI4				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20775	21100	21425	
5MHz	QPSK	1	0	24.20	24.17	24.16	25.50
		1	13	24.20	24.25	24.15	25.50
		1	24	24.18	24.22	24.15	25.50
		12	0	23.29	23.22	23.15	24.50
		12	6	23.16	23.27	23.23	24.50
		12	13	23.30	23.25	23.29	24.50
		25	0	23.14	23.19	23.15	24.50
	16QAM	1	0	23.26	23.34	23.23	24.50
		1	13	23.28	23.22	23.25	24.50
		1	24	23.29	23.23	23.26	24.50
		12	0	22.37	22.22	22.33	23.50
		12	6	22.35	22.44	22.29	23.50
		12	13	22.34	22.40	22.23	23.50
		25	0	22.38	22.29	22.40	23.50
	64QAM	1	0	22.45	22.33	22.39	23.50
		1	13	22.42	22.42	22.35	23.50
		1	24	22.50	22.31	22.34	23.50
		12	0	21.45	21.42	21.44	22.50
		12	6	21.44	21.31	21.48	22.50
		12	13	21.58	21.56	21.37	22.50
		25	0	21.45	21.41	21.47	22.50
	256QAM	1	0	19.47	19.76	19.60	20.50

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20800	21100	21400	
10MHz	QPSK	1	13	19.42	19.53	19.64	20.50
		1	24	19.65	19.48	19.68	20.50
		12	0	19.66	19.64	19.46	20.50
		12	6	19.57	19.57	19.49	20.50
		12	13	19.48	19.59	19.62	20.50
		25	0	19.51	19.47	19.69	20.50
	16QAM	1	0	24.15	24.26	24.10	25.50
		1	25	24.18	24.24	24.10	25.50
		1	49	24.13	24.23	24.16	25.50
		25	0	23.21	23.27	24.23	24.50
		25	13	23.15	23.28	23.25	24.50
		25	25	23.26	23.23	23.31	24.50
	64QAM	50	0	23.13	23.27	23.19	24.50
		1	0	23.29	23.33	23.34	24.50
		1	25	23.32	23.27	23.28	24.50
		1	49	23.24	23.25	23.30	24.50
		25	0	22.30	22.28	22.33	23.50
		25	13	22.39	22.41	22.34	23.50
	256QAM	25	25	22.33	22.37	22.23	23.50
		50	0	22.34	22.25	22.32	23.50
		1	0	22.45	22.30	22.36	23.50
		1	25	22.41	22.39	22.35	23.50
		1	49	22.45	22.25	22.33	23.50
		25	0	21.44	21.45	21.50	22.50
	15MHz	QPSK	25	13	21.42	21.37	21.44
25			25	21.50	21.57	21.36	22.50
50			0	21.54	21.39	21.51	22.50
1			0	19.46	19.75	19.54	20.50
1			25	19.46	19.53	19.55	20.50
1			49	19.63	19.46	19.70	20.50
16QAM		25	0	19.68	19.66	19.48	20.50
		25	13	19.51	19.64	19.51	20.50
15MHz	QPSK	25	25	19.47	19.55	19.54	20.50
		50	0	19.54	19.40	19.66	20.50
		1	0	24.13	24.20	24.14	25.50
		1	38	24.10	24.25	24.11	25.50
		1	74	24.13	24.24	24.19	25.50
		36	0	23.30	23.22	23.10	24.50
	16QAM	36	18	23.22	23.26	23.28	24.50
		36	39	23.26	23.21	23.28	24.50
15MHz	QPSK	75	0	23.20	23.22	23.17	24.50
		1	0	23.33	23.32	23.32	24.50
		1	38	23.37	23.24	23.23	24.50
		1	74	23.26	23.27	23.23	24.50
		36	0	22.33	22.22	22.26	23.50
		36	18	22.39	22.39	22.34	23.50
15MHz	16QAM	36	39	22.32	22.44	22.20	23.50

	64QAM	75	0	22.34	22.31	22.41	23.50
		1	0	22.44	22.36	22.31	23.50
		1	38	22.44	22.42	22.36	23.50
		1	74	22.47	22.26	22.37	23.50
		36	0	21.47	21.36	21.47	22.50
		36	18	21.48	21.32	21.49	22.50
		36	39	21.58	21.50	21.38	22.50
	256QAM	75	0	21.53	21.42	21.40	22.50
		1	0	19.55	19.72	19.58	20.50
		1	38	19.46	19.56	19.62	20.50
		1	74	19.67	19.39	19.70	20.50
		36	0	19.60	19.74	19.51	20.50
		36	18	19.50	19.60	19.53	20.50
		36	39	19.42	19.51	19.55	20.50
75	0	19.49	19.43	19.70	20.50		
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
20MHz	QPSK	1	0	20850	21100	21350	
		1	50	24.21	24.29	24.25	25.50
		1	99	24.16	24.25	24.17	25.50
		50	0	24.17	24.25	24.24	25.50
		50	25	23.33	23.37	23.31	24.50
		50	50	23.18	23.29	23.24	24.50
		100	0	23.32	23.24	23.28	24.50
	16QAM	1	0	23.21	23.29	23.18	24.50
		1	50	23.35	23.40	23.28	24.50
		1	99	23.42	23.33	23.28	24.50
		50	0	23.34	23.30	23.34	24.50
		50	25	22.35	22.29	22.38	23.50
		50	50	22.42	22.44	22.37	23.50
		100	0	22.37	22.45	22.32	23.50
	64QAM	1	0	22.44	22.35	22.37	23.50
		1	50	22.44	22.39	22.39	23.50
		1	99	22.52	22.39	22.35	23.50
		50	0	22.45	22.40	22.33	23.50
		50	25	21.49	21.49	21.49	22.50
		50	50	21.46	21.39	21.52	22.50
		100	0	21.54	21.53	21.43	22.50
	256QAM	1	0	21.52	21.39	21.51	22.50
		1	0	19.51	19.77	19.57	20.50
		1	50	19.49	19.57	19.59	20.50
		1	99	19.69	19.42	19.73	20.50
		50	0	19.68	19.67	19.53	20.50
		50	25	19.56	19.58	19.63	20.50
		50	50	19.47	19.63	19.61	20.50
100	0	19.59	19.51	19.71	20.50		

LTE Band 7 DSI1&5 ENDC				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20775	21100	21425	

5MHz	QPSK	1	0	15.63	15.74	15.61	16.60
		1	13	15.49	15.54	15.49	16.60
		1	24	15.60	15.57	15.57	16.60
		12	0	15.52	15.60	15.57	16.60
		12	6	15.34	15.34	15.47	16.60
		12	13	15.44	15.33	15.36	16.60
		25	0	15.56	15.49	15.67	16.60
	16QAM	1	0	15.31	15.41	15.56	16.60
		1	13	15.38	15.52	15.51	16.60
		1	24	15.53	15.56	15.38	16.60
		12	0	15.52	15.57	15.56	16.60
		12	6	15.49	15.51	15.44	16.60
		12	13	15.30	15.60	15.56	16.60
		25	0	15.57	15.69	15.52	16.60
	64QAM	1	0	15.33	15.71	15.52	16.60
		1	13	15.45	15.71	15.50	16.60
		1	24	15.49	15.69	15.34	16.60
		12	0	15.53	15.72	15.42	16.60
		12	6	15.47	15.48	15.41	16.60
		12	13	15.49	15.64	15.43	16.60
		25	0	15.54	15.68	15.51	16.60
	256QAM	1	0	15.59	15.64	15.42	16.60
		1	13	15.42	15.52	15.52	16.60
		1	24	15.63	15.59	15.44	16.60
		12	0	15.54	15.39	15.55	16.60
		12	6	15.48	15.70	15.39	16.60
		12	13	15.57	15.72	15.52	16.60
		25	0	15.40	15.53	15.42	16.60
Bandwidth	Modulation	RB size	RB offset	Channel 20800	Channel 21100	Channel 21400	Tune up
10MHz	QPSK	1	0	15.57	15.66	15.72	16.60
		1	25	15.46	15.61	15.50	16.60
		1	49	15.52	15.44	15.56	16.60
		25	0	15.41	15.57	15.50	16.60
		25	13	15.24	15.42	15.44	16.60
		25	25	15.55	15.41	15.34	16.60
		50	0	15.47	15.53	15.55	16.60
	16QAM	1	0	15.33	15.46	15.56	16.60
		1	25	15.39	15.48	15.53	16.60
		1	49	15.54	15.53	15.38	16.60
		25	0	15.49	15.59	15.46	16.60
		25	13	15.54	15.55	15.40	16.60
		25	25	15.30	15.53	15.57	16.60
		50	0	15.55	15.65	15.55	16.60
	64QAM	1	0	15.39	15.71	15.61	16.60
		1	25	15.41	15.75	15.42	16.60
		1	49	15.53	15.64	15.41	16.60
		25	0	15.58	15.67	15.38	16.60
		25	13	15.51	15.47	15.53	16.60
		25	25	15.48	15.74	15.47	16.60
		50	0	15.57	15.69	15.41	16.60

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up		
				20825	21100	21375			
15MHz	256QAM	1	0	15.56	15.68	15.55	16.60		
		1	25	15.39	15.51	15.50	16.60		
		1	49	15.60	15.71	15.52	16.60		
		25	0	15.61	15.50	15.46	16.60		
		25	13	15.40	15.68	15.40	16.60		
		25	25	15.44	15.75	15.45	16.60		
		50	0	15.41	15.58	15.34	16.60		
	15MHz	QPSK	1	0	15.62	15.69	15.67	16.60	
			1	38	15.43	15.50	15.49	16.60	
			1	74	15.54	15.56	15.53	16.60	
			36	0	15.39	15.54	15.47	16.60	
			36	18	15.26	15.38	15.46	16.60	
			36	39	15.51	15.43	15.42	16.60	
			75	0	15.60	15.53	15.61	16.60	
		16QAM	1	0	15.42	15.43	15.53	16.60	
			1	38	15.37	15.42	15.50	16.60	
			1	74	15.46	15.60	15.45	16.60	
			36	0	15.40	15.55	15.49	16.60	
			36	18	15.50	15.61	15.40	16.60	
			36	39	15.44	15.56	15.66	16.60	
			75	0	15.58	15.64	15.48	16.60	
64QAM		1	0	15.29	15.67	15.58	16.60		
		1	38	15.37	15.74	15.36	16.60		
		1	74	15.50	15.58	15.35	16.60		
		36	0	15.50	15.61	15.35	16.60		
		36	18	15.38	15.53	15.47	16.60		
		36	39	15.47	15.71	15.43	16.60		
		75	0	15.47	15.69	15.50	16.60		
256QAM		1	0	15.48	15.66	15.52	16.60		
		1	38	15.40	15.62	15.52	16.60		
		1	74	15.62	15.68	15.54	16.60		
		36	0	15.50	15.47	15.49	16.60		
		36	18	15.42	15.73	15.46	16.60		
		36	39	15.57	15.63	15.49	16.60		
		75	0	15.48	15.51	15.37	16.60		
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up		
20MHz	QPSK	1	0	15.66	15.78	15.72	16.60		
		1	50	15.58	15.65	15.54	16.60		
		1	99	15.63	15.58	15.58	16.60		
		50	0	15.53	15.67	15.59	16.60		
		50	25	15.39	15.45	15.52	16.60		
		50	50	15.57	15.46	15.48	16.60		
		100	0	15.61	15.64	15.68	16.60		
	16QAM	1	0	15.45	15.52	15.59	16.60		
		1	50	15.45	15.55	15.63	16.60		
		1	99	15.54	15.67	15.52	16.60		
		50	0	15.53	15.62	15.60	16.60		
		50	25	15.62	15.63	15.51	16.60		
		Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
						20850	21100	21350	



		50	50	15.45	15.67	15.66	16.60
		100	0	15.64	15.77	15.57	16.60
	64QAM	1	0	15.40	15.77	15.66	16.60
		1	50	15.50	15.75	15.51	16.60
		1	99	15.54	15.71	15.46	16.60
		50	0	15.58	15.74	15.47	16.60
		50	25	15.52	15.58	15.55	16.60
		50	50	15.59	15.77	15.47	16.60
		100	0	15.58	15.75	15.53	16.60
		256QAM	1	0	15.63	15.74	15.56
	1		50	15.53	15.62	15.60	16.60
	1		99	15.64	15.72	15.59	16.60
	50		0	15.64	15.51	15.57	16.60
	50		25	15.55	15.75	15.49	16.60
	50		50	15.57	15.76	15.57	16.60
	100		0	15.52	15.62	15.48	16.60

LTE Band 7 Default&DSI4 ENDC				Conducted Power(dBm)				
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				20775	21100	21425		
5MHz	QPSK	1	0	21.90	22.04	21.98	23.10	
		1	13	21.65	21.90	21.69	23.10	
		1	24	21.64	21.85	21.87	23.10	
		12	0	20.73	20.88	20.86	22.10	
		12	6	20.77	20.81	20.65	22.10	
		12	13	20.73	20.87	20.68	22.10	
		25	0	20.85	20.92	20.80	22.10	
	16QAM	1	0	20.84	20.97	20.79	22.10	
		1	13	20.80	20.86	20.91	22.10	
		1	24	20.70	20.92	20.85	22.10	
		12	0	19.77	19.81	19.94	21.10	
		12	6	19.75	19.91	19.78	21.10	
		12	13	19.82	19.97	19.77	21.10	
		25	0	19.71	19.79	19.84	21.10	
	64QAM	1	0	19.76	19.98	19.88	21.10	
		1	13	19.83	19.88	19.90	21.10	
		1	24	19.79	20.04	19.87	21.10	
		12	0	18.88	18.98	18.81	20.10	
		12	6	18.65	19.03	18.78	20.10	
		12	13	18.64	18.97	18.86	20.10	
		25	0	18.77	18.86	18.76	20.10	
	256QAM	1	0	16.65	16.83	16.87	18.10	
		1	13	16.80	17.00	16.77	18.10	
		1	24	16.81	16.99	16.92	18.10	
		12	0	16.64	16.94	16.81	18.10	
		12	6	16.73	16.86	16.74	18.10	
		12	13	16.86	16.87	16.81	18.10	
		25	0	16.64	17.04	16.75	18.10	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up

				20800	21100	21400		
10MHz	QPSK	1	0	21.79	22.02	21.98	23.10	
		1	25	21.71	21.95	21.80	23.10	
		1	49	21.73	21.86	21.83	23.10	
		25	0	20.75	20.96	20.83	22.10	
		25	13	20.82	20.86	20.73	22.10	
		25	25	20.72	20.81	20.67	22.10	
	16QAM	50	0	20.76	20.95	20.76	22.10	
		1	0	20.77	20.89	20.78	22.10	
		1	25	20.72	20.85	20.83	22.10	
		1	49	20.70	20.93	20.93	22.10	
		25	0	19.73	19.73	19.83	21.10	
		25	13	19.76	19.89	19.80	21.10	
	64QAM	25	25	19.72	19.96	19.75	21.10	
		50	0	19.66	19.74	19.82	21.10	
		1	0	19.74	20.03	19.82	21.10	
		1	25	19.75	19.84	19.92	21.10	
		1	49	19.82	20.01	19.82	21.10	
		25	0	18.85	19.02	18.89	20.10	
	256QAM	25	13	18.68	18.99	18.80	20.10	
		25	25	18.65	18.98	18.81	20.10	
		50	0	18.70	18.92	18.69	20.10	
		1	0	16.65	16.85	16.91	18.10	
		1	25	16.92	16.98	16.78	18.10	
		1	49	16.71	16.90	16.88	18.10	
	15MHz	QPSK	25	0	16.72	16.91	16.71	18.10
			25	13	16.71	16.82	16.81	18.10
			25	25	16.75	16.85	16.78	18.10
			50	0	16.67	17.04	16.79	18.10
1			0	21.85	21.95	21.90	23.10	
1			38	21.68	21.98	21.68	23.10	
16QAM		1	74	21.75	21.83	21.80	23.10	
		36	0	20.76	20.89	20.78	22.10	
		36	18	20.85	20.78	20.72	22.10	
		36	39	20.73	20.76	20.72	22.10	
		75	0	20.79	20.95	20.74	22.10	
		1	0	20.86	21.00	20.69	22.10	
64QAM	1	38	20.79	20.80	20.94	22.10		
	1	74	20.66	21.04	20.92	22.10		
	36	0	19.83	19.76	19.91	21.10		
	36	18	19.72	19.96	19.82	21.10		
	36	39	19.77	19.99	19.89	21.10		
	75	0	19.61	19.84	19.80	21.10		
15MHz	64QAM	1	0	19.71	20.03	19.88	21.10	
		1	38	19.86	19.87	19.88	21.10	
		1	74	19.75	19.92	19.86	21.10	
		36	0	18.86	18.96	18.81	20.10	
		36	18	18.78	18.98	18.85	20.10	
		36	39	18.69	18.94	18.90	20.10	
Bandwidth	Modulation	RB size	RB offset	Channel 20825	Channel 21100	Channel 21375	Tune up	

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				20850	21100	21350		
20MHz	256QAM	75	0	18.76	18.91	18.80	20.10	
		1	0	16.68	16.95	16.93	18.10	
		1	38	16.79	16.92	16.81	18.10	
		1	74	16.76	16.93	16.86	18.10	
		36	0	16.69	16.91	16.68	18.10	
		36	18	16.71	16.87	16.85	18.10	
		36	39	16.74	16.88	16.76	18.10	
	75	0	16.68	16.92	16.85	18.10		
	20MHz	QPSK	1	0	21.93	22.06	21.99	23.10
			1	50	21.76	21.99	21.81	23.10
			1	99	21.76	21.93	21.89	23.10
			50	0	20.87	20.96	20.89	22.10
			50	25	20.86	20.90	20.78	22.10
			50	50	20.76	20.87	20.80	22.10
			100	0	20.88	20.98	20.81	22.10
		16QAM	1	0	20.89	21.04	20.80	22.10
			1	50	20.82	20.89	20.97	22.10
			1	99	20.79	21.04	20.97	22.10
			50	0	19.87	19.87	19.96	21.10
			50	25	19.82	20.01	19.88	21.10
			50	50	19.83	20.00	19.90	21.10
			100	0	19.75	19.88	19.89	21.10
		64QAM	1	0	19.79	20.05	19.93	21.10
			1	50	19.86	19.96	19.98	21.10
			1	99	19.86	20.05	19.88	21.10
			50	0	18.92	19.05	18.93	20.10
			50	25	18.79	19.03	18.87	20.10
			50	50	18.74	19.03	18.93	20.10
100			0	18.81	18.94	18.81	20.10	
256QAM		1	0	16.75	16.98	16.98	18.10	
		1	50	16.93	17.03	16.91	18.10	
		1	99	16.83	17.00	16.98	18.10	
		50	0	16.77	16.96	16.81	18.10	
		50	25	16.83	16.96	16.88	18.10	
		50	50	16.88	16.96	16.82	18.10	
		100	0	16.77	17.06	16.89	18.10	

LTE Band 7 DS13 ENDC				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20775	21100	21425	
5MHz	QPSK	1	0	16.85	17.10	16.88	18.10
		1	13	16.55	16.88	16.56	18.10
		1	24	16.74	16.83	16.45	18.10
		12	0	16.57	16.86	16.79	18.10
		12	6	16.55	16.73	16.74	18.10
		12	13	16.83	16.63	16.56	18.10
		25	0	16.85	16.88	16.85	18.10

	16QAM	1	0	16.54	16.71	16.49	18.10
		1	13	16.79	16.90	16.71	18.10
		1	24	16.65	16.75	16.80	18.10
		12	0	16.45	16.75	16.72	18.10
		12	6	16.58	16.71	16.68	18.10
		12	13	16.66	16.92	16.60	18.10
		25	0	16.65	16.91	17.01	18.10
	64QAM	1	0	16.69	16.96	16.76	18.10
		1	13	16.68	16.60	17.04	18.10
		1	24	17.00	16.71	17.02	18.10
		12	0	16.64	16.86	16.73	18.10
		12	6	16.87	16.68	16.54	18.10
		12	13	16.76	16.71	16.71	18.10
	256QAM	25	0	16.52	16.93	16.88	18.10
		1	0	16.82	16.79	16.74	18.10
		1	13	16.86	16.84	16.73	18.10
		1	24	16.59	16.83	16.88	18.10
		12	0	16.65	16.76	16.56	18.10
		12	6	16.54	16.59	16.85	18.10
		12	13	16.94	16.92	16.59	18.10
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
20800					21100	21400	
10MHz	QPSK	1	0	16.82	17.11	16.97	18.10
		1	25	16.51	16.82	16.49	18.10
		1	49	16.60	16.74	16.58	18.10
		25	0	16.48	16.80	16.65	18.10
		25	13	16.67	16.55	16.72	18.10
		25	25	16.67	16.51	16.51	18.10
		50	0	16.89	16.75	16.81	18.10
	16QAM	1	0	16.52	16.85	16.58	18.10
		1	25	16.92	16.94	16.78	18.10
		1	49	16.80	16.76	16.95	18.10
		25	0	16.52	16.93	16.75	18.10
		25	13	16.56	16.78	16.73	18.10
		25	25	16.63	16.94	16.53	18.10
		50	0	16.70	16.96	16.86	18.10
	64QAM	1	0	16.67	16.88	16.86	18.10
		1	25	16.71	16.74	16.86	18.10
		1	49	16.81	16.85	16.82	18.10
		25	0	16.67	16.72	16.85	18.10
		25	13	16.78	16.66	16.73	18.10
		25	25	16.75	16.86	16.75	18.10
		50	0	16.51	16.82	16.73	18.10
	256QAM	1	0	16.74	16.73	16.73	18.10
		1	25	16.85	16.87	16.76	18.10
		1	49	16.54	16.68	16.79	18.10
		25	0	16.69	16.76	16.68	18.10
		25	13	16.45	16.63	16.65	18.10
		25	25	17.01	17.01	16.62	18.10
		50	0	16.56	16.71	16.76	18.10

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20825	21100	21375	
15MHz	QPSK	1	0	16.90	16.89	17.04	18.10
		1	38	16.58	16.90	16.39	18.10
		1	74	16.55	16.80	16.47	18.10
		36	0	16.40	16.75	16.71	18.10
		36	18	16.56	16.61	16.73	18.10
		36	39	16.81	16.68	16.55	18.10
		75	0	16.71	16.82	16.88	18.10
	16QAM	1	0	16.68	16.76	16.59	18.10
		1	38	16.89	16.86	16.90	18.10
		1	74	16.63	16.65	16.84	18.10
		36	0	16.42	16.97	16.71	18.10
		36	18	16.58	16.80	16.76	18.10
		36	39	16.48	16.82	16.70	18.10
		75	0	16.62	16.92	17.00	18.10
	64QAM	1	0	16.72	16.91	16.72	18.10
		1	38	16.67	16.65	16.91	18.10
		1	74	16.87	16.85	16.85	18.10
		36	0	16.62	16.77	16.77	18.10
		36	18	16.67	16.83	16.65	18.10
		36	39	16.71	16.71	16.70	18.10
		75	0	16.55	16.97	16.88	18.10
	256QAM	1	0	16.79	16.73	16.84	18.10
		1	38	16.89	16.83	16.59	18.10
		1	74	16.55	16.71	16.92	18.10
		36	0	16.85	16.65	16.61	18.10
		36	18	16.69	16.75	16.69	18.10
		36	39	16.84	17.09	16.60	18.10
		75	0	16.73	16.81	16.75	18.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
20MHz	QPSK	1	0	17.05	17.13	17.06	18.10
		1	50	16.71	16.98	16.63	18.10
		1	99	16.78	16.88	16.64	18.10
		50	0	16.60	16.86	16.81	18.10
		50	25	16.68	16.75	16.82	18.10
		50	50	16.90	16.70	16.73	18.10
		100	0	16.94	16.94	17.00	18.10
	16QAM	1	0	16.74	16.88	16.69	18.10
		1	50	17.02	17.06	16.92	18.10
		1	99	16.82	16.87	17.02	18.10
		50	0	16.62	16.98	16.91	18.10
		50	25	16.62	16.82	16.87	18.10
		50	50	16.66	17.05	16.75	18.10
		100	0	16.72	17.07	17.05	18.10
	64QAM	1	0	16.78	17.05	16.95	18.10
		1	50	16.83	16.76	17.05	18.10
		1	99	17.00	16.93	17.02	18.10
		50	0	16.84	16.90	16.98	18.10
		50	25	16.88	16.85	16.79	18.10
		50	50	16.88	16.85	16.79	18.10

		50	50	16.79	16.92	16.80	18.10
		100	0	16.63	16.97	16.93	18.10
	256QAM	1	0	16.89	16.88	16.84	18.10
		1	50	17.03	17.06	16.80	18.10
		1	99	16.71	16.93	16.93	18.10
		50	0	16.86	16.84	16.77	18.10
		50	25	16.69	16.75	16.90	18.10
		50	50	17.03	17.10	16.66	18.10
100	0	16.77	16.86	16.87	18.10		

LTE Band 66 DS11&5				Conducted Power(dBm)				
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				131979	132322	132665		
1.4MHz	QPSK	1	0	17.25	17.38	17.35	19.00	
		1	2	17.26	17.33	17.27	19.00	
		1	5	17.26	17.35	17.35	19.00	
		3	0	17.35	17.36	17.35	19.00	
		3	1	17.31	17.39	17.30	19.00	
		3	3	17.36	17.34	17.29	19.00	
	16QAM	6	0	17.31	17.35	17.34	19.00	
		1	0	17.26	17.35	17.35	19.00	
		1	2	17.33	17.37	17.36	19.00	
		1	5	17.30	17.33	17.29	19.00	
		3	0	17.35	17.32	17.35	19.00	
		3	1	17.32	17.28	17.36	19.00	
	64QAM	3	3	17.26	17.35	17.27	19.00	
		6	0	17.33	17.37	17.36	19.00	
		1	0	17.33	17.29	17.35	19.00	
		1	2	17.30	17.39	17.27	19.00	
		1	5	17.36	17.28	17.36	19.00	
		3	0	17.35	17.35	17.35	19.00	
	256QAM	3	1	17.35	17.32	17.36	19.00	
		3	3	17.29	17.31	17.36	19.00	
		6	0	17.35	17.32	17.29	19.00	
		1	0	17.33	17.32	17.35	19.00	
		1	2	17.34	17.31	17.34	19.00	
		1	5	17.34	17.29	17.31	19.00	
	3MHz	QPSK	3	0	17.28	17.36	17.27	19.00
			3	1	17.28	17.34	17.30	19.00
	3		3	17.32	17.29	17.30	19.00	
	6		0	17.32	17.37	17.27	19.00	
8	0		17.33	17.32	17.35	19.00		
8	4		17.26	17.29	17.29	19.00		
				17.29	17.37	17.30	19.00	

	16QAM	15	0	17.26	17.35	17.28	19.00
		1	0	17.28	17.38	17.37	19.00
		1	7	17.29	17.39	17.31	19.00
		1	14	17.35	17.38	17.26	19.00
		8	0	17.31	17.38	17.35	19.00
		8	4	17.28	17.34	17.29	19.00
		8	7	17.28	17.34	17.30	19.00
	64QAM	15	0	17.25	17.36	17.34	19.00
		1	0	17.27	17.32	17.32	19.00
		1	7	17.35	17.34	17.26	19.00
		1	14	17.33	17.39	17.26	19.00
		8	0	17.28	17.37	17.26	19.00
		8	4	17.33	17.39	17.28	19.00
		8	7	17.26	17.30	17.27	19.00
	256QAM	15	0	17.30	17.35	17.35	19.00
		1	0	17.35	17.35	17.30	19.00
		1	7	17.29	17.29	17.28	19.00
		1	14	17.29	17.36	17.34	19.00
		8	0	17.33	17.34	17.35	19.00
		8	4	17.35	17.28	17.36	19.00
		8	7	17.26	17.37	17.27	19.00
15	0	17.29	17.30	17.31	19.00		
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131997	132322	132647	
5MHz	QPSK	1	0	17.26	17.30	17.27	19.00
		1	13	17.32	17.39	17.30	19.00
		1	24	17.30	17.34	17.37	19.00
		12	0	17.28	17.31	17.29	19.00
		12	6	17.27	17.29	17.34	19.00
		12	13	17.30	17.31	17.36	19.00
		25	0	17.34	17.37	17.33	19.00
	16QAM	1	0	17.36	17.39	17.30	19.00
		1	13	17.28	17.30	17.29	19.00
		1	24	17.30	17.33	17.31	19.00
		12	0	17.33	17.37	17.35	19.00
		12	6	17.30	17.34	17.29	19.00
		12	13	17.30	17.32	17.28	19.00
		25	0	17.32	17.38	17.32	19.00
	64QAM	1	0	17.33	17.34	17.27	19.00
		1	13	17.32	17.35	17.31	19.00
		1	24	17.28	17.36	17.37	19.00
		12	0	17.33	17.32	17.35	19.00
		12	6	17.35	17.32	17.29	19.00
		12	13	17.30	17.34	17.31	19.00
		25	0	17.30	17.34	17.28	19.00
	256QAM	1	0	17.28	17.37	17.34	19.00
		1	13	17.28	17.29	17.28	19.00
		1	24	17.32	17.32	17.28	19.00
		12	0	17.33	17.33	17.34	19.00
		12	6	17.35	17.31	17.34	19.00
		12	13	17.26	17.29	17.37	19.00

Bandwidth	Modulation	25	0	17.31	17.30	17.32	19.00
		RB size	RB offset	Channel 132022	Channel 132322	Channel 132622	Tune up
10MHz	QPSK	1	0	17.32	17.36	17.34	19.00
		1	25	17.31	17.31	17.36	19.00
		1	49	17.27	17.35	17.33	19.00
		25	0	17.35	17.38	17.26	19.00
		25	13	17.28	17.30	17.28	19.00
		25	25	17.34	17.33	17.32	19.00
		50	0	17.28	17.35	17.29	19.00
	16QAM	1	0	17.33	17.28	17.33	19.00
		1	25	17.28	17.38	17.32	19.00
		1	49	17.30	17.38	17.31	19.00
		25	0	17.26	17.34	17.32	19.00
		25	13	17.27	17.33	17.28	19.00
		25	25	17.31	17.36	17.26	19.00
		50	0	17.25	17.39	17.32	19.00
	64QAM	1	0	17.27	17.35	17.35	19.00
		1	25	17.34	17.35	17.35	19.00
		1	49	17.28	17.39	17.36	19.00
		25	0	17.34	17.38	17.27	19.00
		25	13	17.32	17.32	17.30	19.00
		25	25	17.34	17.37	17.33	19.00
		50	0	17.28	17.33	17.29	19.00
	256QAM	1	0	17.35	17.30	17.36	19.00
		1	25	17.27	17.37	17.33	19.00
		1	49	17.26	17.33	17.30	19.00
25		0	17.28	17.30	17.34	19.00	
25		13	17.30	17.30	17.35	19.00	
25		25	17.28	17.34	17.28	19.00	
50		0	17.32	17.29	17.27	19.00	
Bandwidth	Modulation	RB size	RB offset	Channel 132047	Channel 132322	Channel 132597	Tune up
15MHz	QPSK	1	0	17.32	17.28	17.33	19.00
		1	38	17.30	17.35	17.36	19.00
		1	74	17.34	17.32	17.30	19.00
		36	0	17.29	17.29	17.26	19.00
		36	18	17.34	17.29	17.35	19.00
		36	39	17.27	17.37	17.32	19.00
		75	0	17.28	17.32	17.28	19.00
	16QAM	1	0	17.29	17.31	17.29	19.00
		1	38	17.29	17.36	17.35	19.00
		1	74	17.26	17.34	17.32	19.00
		36	0	17.31	17.37	17.28	19.00
		36	18	17.32	17.33	17.30	19.00
		36	39	17.33	17.33	17.35	19.00
		75	0	17.33	17.38	17.30	19.00
	64QAM	1	0	17.36	17.32	17.28	19.00
		1	38	17.26	17.33	17.27	19.00
		1	74	17.32	17.30	17.26	19.00
		36	0	17.29	17.34	17.32	19.00

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				132072	132322	132572		
20MHz	256QAM	36	18	17.30	17.36	17.32	19.00	
		36	39	17.35	17.29	17.28	19.00	
		75	0	17.32	17.33	17.34	19.00	
		1	0	17.35	17.38	17.34	19.00	
		1	38	17.29	17.32	17.36	19.00	
		1	74	17.31	17.37	17.32	19.00	
		36	0	17.33	17.31	17.28	19.00	
		36	18	17.27	17.30	17.28	19.00	
		36	39	17.27	17.37	17.29	19.00	
	75	0	17.28	17.37	17.30	19.00		
	20MHz	QPSK	1	0	17.33	17.56	17.33	19.00
			1	50	17.34	17.37	17.28	19.00
			1	99	17.33	17.29	17.34	19.00
			50	0	17.35	17.43	17.36	19.00
			50	25	17.30	17.39	17.31	19.00
			50	50	17.31	17.30	17.32	19.00
			100	0	17.30	17.40	17.35	19.00
		16QAM	1	0	17.30	17.35	17.35	19.00
			1	50	17.26	17.38	17.30	19.00
			1	99	17.34	17.29	17.32	19.00
			50	0	17.36	17.30	17.30	19.00
			50	25	17.31	17.35	17.30	19.00
			50	50	17.25	17.30	17.30	19.00
			100	0	17.30	17.38	17.37	19.00
		64QAM	1	0	17.31	17.38	17.32	19.00
			1	50	17.34	17.34	17.32	19.00
			1	99	17.25	17.36	17.27	19.00
			50	0	17.29	17.28	17.36	19.00
50			25	17.28	17.33	17.31	19.00	
50			50	17.36	17.36	17.32	19.00	
100			0	17.31	17.35	17.28	19.00	
256QAM		1	0	17.34	17.29	17.29	19.00	
		1	50	17.28	17.36	17.34	19.00	
		1	99	17.35	17.36	17.29	19.00	
		50	0	17.26	17.30	17.36	19.00	
		50	25	17.34	17.31	17.33	19.00	
		50	50	17.27	17.37	17.30	19.00	
		100	0	17.27	17.31	17.26	19.00	

LTE Band 66 DS13				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131979	132322	132665	
1.4MHz	QPSK	1	0	20.21	20.24	20.30	22.00
		1	2	20.26	20.26	20.19	22.00
		1	5	20.23	20.21	20.25	22.00
		3	0	20.17	20.24	20.23	22.00
		3	1	20.18	20.22	20.24	22.00

	16QAM	3	3	20.25	20.30	20.30	22.00
		6	0	20.27	20.31	20.27	22.00
		1	0	20.23	20.26	20.24	22.00
		1	2	20.22	20.36	20.19	22.00
		1	5	20.24	20.28	20.21	22.00
		3	0	20.27	20.35	20.20	22.00
		3	1	20.27	20.25	20.24	22.00
		3	3	20.25	20.22	20.27	22.00
	64QAM	6	0	20.18	20.26	20.20	22.00
		1	0	20.34	20.24	20.28	22.00
		1	2	20.32	20.23	20.31	22.00
		1	5	20.18	20.28	20.26	22.00
		3	0	20.25	20.26	20.21	22.00
		3	1	20.24	20.24	20.31	22.00
	256QAM	3	3	20.30	20.19	20.25	22.00
		6	0	20.00	19.79	20.00	21.50
		1	0	17.93	18.24	18.05	19.50
		1	2	17.96	18.08	18.09	19.50
		1	5	18.07	17.93	18.13	19.50
		3	0	18.14	18.25	18.05	19.50
		3	1	18.02	18.14	18.11	19.50
	3	3	18.03	18.06	18.08	19.50	
	6	0	17.98	17.98	18.19	19.50	
	Bandwidth	Modulation	RB size	RB offset	Channel 131987	Channel 132322	Channel 132657
3MHz	QPSK	1	0	20.16	20.24	20.23	22.00
		1	7	20.19	20.36	20.24	22.00
		1	14	20.32	20.21	20.19	22.00
		8	0	20.28	20.26	20.19	22.00
		8	4	20.20	20.28	20.31	22.00
		8	7	20.25	20.23	20.28	22.00
		15	0	20.22	20.25	20.19	22.00
	16QAM	1	0	20.17	20.25	20.31	22.00
		1	7	20.24	20.35	20.25	22.00
		1	14	20.24	20.32	20.25	22.00
		8	0	20.30	20.30	20.20	22.00
		8	4	20.33	20.34	20.26	22.00
		8	7	20.19	20.28	20.31	22.00
		15	0	20.23	20.32	20.25	22.00
	64QAM	1	0	20.29	20.27	20.25	22.00
		1	7	20.24	20.28	20.25	22.00
		1	14	20.21	20.26	20.34	22.00
		8	0	19.96	19.85	19.96	21.50
		8	4	19.91	19.91	19.86	21.50
		8	7	20.04	19.95	19.89	21.50
		15	0	19.99	19.79	19.91	21.50
	256QAM	1	0	17.97	18.22	18.09	19.50
		1	7	17.92	18.11	18.03	19.50
		1	14	18.10	17.98	18.19	19.50
8		0	18.16	18.26	18.08	19.50	
8		4	18.03	18.16	18.12	19.50	

Bandwidth	Modulation	8	7	17.95	17.98	18.09	19.50
		15	0	17.92	17.87	18.17	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131997	132322	132647	
5MHz	QPSK	1	0	20.22	20.31	20.29	22.00
		1	13	20.16	20.36	20.24	22.00
		1	24	20.27	20.21	20.25	22.00
		12	0	20.26	20.24	20.17	22.00
		12	6	20.17	20.19	20.26	22.00
		12	13	20.21	20.26	20.30	22.00
		25	0	20.30	20.31	20.22	22.00
	16QAM	1	0	20.25	20.23	20.29	22.00
		1	13	20.22	20.36	20.18	22.00
		1	24	20.17	20.28	20.27	22.00
		12	0	20.25	20.29	20.22	22.00
		12	6	20.24	20.34	20.28	22.00
		12	13	20.29	20.24	20.31	22.00
		25	0	20.20	20.26	20.25	22.00
	64QAM	1	0	20.28	20.18	20.30	22.00
		1	13	20.27	20.18	20.22	22.00
		1	24	20.15	20.30	20.27	22.00
		12	0	19.88	19.87	19.99	21.50
		12	6	20.00	19.84	19.91	21.50
		12	13	20.11	19.97	19.90	21.50
		25	0	20.00	19.85	19.95	21.50
	256QAM	1	0	17.95	18.23	18.06	19.50
		1	13	17.87	18.11	18.11	19.50
		1	24	18.14	17.96	18.12	19.50
		12	0	18.18	18.26	18.05	19.50
		12	6	18.03	18.12	18.08	19.50
		12	13	17.94	17.99	18.10	19.50
		25	0	17.93	17.93	18.17	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132022	132322	132622	
10MHz	QPSK	1	0	20.22	20.28	20.25	22.00
		1	25	20.22	20.36	20.20	22.00
		1	49	20.29	20.26	20.26	22.00
		25	0	20.19	20.25	20.20	22.00
		25	13	20.21	20.26	20.27	22.00
		25	25	20.30	20.31	20.29	22.00
		50	0	20.27	20.29	20.24	22.00
	16QAM	1	0	20.26	20.24	20.21	22.00
		1	25	20.21	20.29	20.18	22.00
		1	49	20.22	20.28	20.30	22.00
		25	0	20.21	20.35	20.27	22.00
		25	13	20.25	20.32	20.33	22.00
		25	25	20.30	20.31	20.34	22.00
	64QAM	50	0	20.26	20.37	20.21	22.00
		1	0	20.32	20.20	20.26	22.00
		1	25	20.30	20.25	20.20	22.00
		1	49	20.17	20.26	20.32	22.00
		1	49	20.17	20.26	20.32	22.00

	256QAM	25	0	19.95	19.91	19.97	21.50
		25	13	19.95	19.90	19.93	21.50
		25	25	20.11	19.97	19.87	21.50
		50	0	19.92	19.81	20.01	21.50
		1	0	17.96	18.22	18.05	19.50
		1	25	17.87	18.04	18.04	19.50
		1	49	18.06	17.91	18.10	19.50
		25	0	18.15	18.25	18.03	19.50
		25	13	17.96	18.19	18.07	19.50
		25	25	17.95	17.99	18.10	19.50
50	0	17.92	17.92	18.26	19.50		
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132047	132322	132597	
15MHz	QPSK	1	0	20.23	20.23	20.26	22.00
		1	38	20.19	20.36	20.25	22.00
		1	74	20.23	20.21	20.20	22.00
		36	0	20.24	20.27	20.17	22.00
		36	18	20.25	20.25	20.29	22.00
		36	39	20.21	20.21	20.34	22.00
		75	0	20.21	20.34	20.26	22.00
	16QAM	1	0	20.21	20.26	20.32	22.00
		1	38	20.23	20.30	20.21	22.00
		1	74	20.23	20.23	20.21	22.00
		36	0	20.23	20.27	20.18	22.00
		36	18	20.24	20.30	20.25	22.00
		36	39	20.25	20.28	20.34	22.00
		75	0	20.24	20.32	20.21	22.00
	64QAM	1	0	20.26	20.26	20.25	22.00
		1	38	20.31	20.27	20.24	22.00
		1	74	20.23	20.36	20.29	22.00
		36	0	19.93	19.93	20.02	21.50
		36	18	19.95	19.87	19.86	21.50
		36	39	20.10	19.95	19.84	21.50
		75	0	19.96	19.79	19.94	21.50
	256QAM	1	0	18.02	18.14	18.08	19.50
		1	38	17.97	18.02	18.06	19.50
		1	74	18.08	18.02	18.15	19.50
		36	0	18.11	18.23	18.07	19.50
		36	18	17.99	18.19	18.12	19.50
		36	39	18.00	17.98	18.02	19.50
		75	0	17.92	17.88	18.17	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132072	132322	132572	
20MHz	QPSK	1	0	20.18	20.42	20.30	22.00
		1	50	20.23	20.35	20.19	22.00
		1	99	20.28	20.19	20.18	22.00
		50	0	20.22	20.39	20.25	22.00
		50	25	20.18	20.26	20.31	22.00
		50	50	20.24	20.21	20.30	22.00
		100	0	20.25	20.35	20.17	22.00
	16QAM	1	0	20.19	20.20	20.22	22.00

		1	50	20.24	20.30	20.17	22.00
		1	99	20.14	20.30	20.32	22.00
		50	0	20.31	20.31	20.26	22.00
		50	25	20.26	20.30	20.32	22.00
		50	50	20.25	20.29	20.31	22.00
		100	0	20.19	20.30	20.17	22.00
	64QAM	1	0	20.26	20.28	20.28	22.00
		1	50	20.25	20.28	20.27	22.00
		1	99	20.14	20.30	20.31	22.00
		50	0	19.92	19.87	19.98	21.50
		50	25	19.99	19.86	19.87	21.50
		50	50	20.07	19.98	19.92	21.50
	256QAM	100	0	19.95	19.84	20.00	21.50
		1	0	17.95	18.14	18.10	19.50
		1	50	17.95	18.03	18.13	19.50
		1	99	18.07	18.02	18.16	19.50
		50	0	18.11	18.19	18.08	19.50
		50	25	18.06	18.14	18.08	19.50
		50	50	18.03	18.02	18.11	19.50
	100	0	17.94	17.98	18.24	19.50	

LTE Band 66 Default&DSI4				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131979	132322	132665	
1.4MHz	QPSK	1	0	22.65	22.68	22.66	24.50
		1	2	22.56	22.62	22.58	24.50
		1	5	22.55	22.52	22.75	24.50
		3	0	22.52	22.68	22.55	24.50
		3	1	22.55	22.69	22.60	24.50
		3	3	22.50	22.62	22.65	24.50
		6	0	21.57	21.74	21.60	23.50
	16QAM	1	0	21.76	21.79	21.65	23.50
		1	2	21.72	21.74	21.84	23.50
		1	5	21.80	21.77	21.68	23.50
		3	0	21.83	21.78	21.70	23.50
		3	1	21.82	21.80	21.71	23.50
		3	3	21.82	21.71	21.74	23.50
		6	0	20.77	20.90	20.87	22.50
	64QAM	1	0	20.76	20.78	20.84	22.50
		1	2	20.76	20.85	20.68	22.50
		1	5	20.79	20.82	20.83	22.50
		3	0	20.87	20.86	20.84	22.50
		3	1	20.86	20.78	20.75	22.50
		3	3	20.88	20.76	20.78	22.50
		6	0	19.80	19.89	19.86	21.50
	256QAM	1	0	18.02	18.19	18.10	19.50
		1	2	17.95	18.03	18.06	19.50
		1	5	18.15	17.97	18.18	19.50
3		0	18.13	18.19	18.04	19.50	

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				131987	132322	132657		
3MHz	QPSK	3	1	18.06	18.07	18.02	19.50	
		3	3	18.01	18.09	18.05	19.50	
		6	0	17.98	17.90	18.22	19.50	
	16QAM	QPSK	1	0	22.66	22.71	22.69	24.50
			1	7	22.66	22.71	22.66	24.50
			1	14	22.60	22.65	22.72	24.50
			8	0	21.79	21.76	21.65	23.50
			8	4	21.73	21.82	21.71	23.50
			8	7	21.73	21.72	21.76	23.50
		16QAM	15	0	21.61	21.70	21.67	23.50
			1	0	21.79	21.83	21.76	23.50
			1	7	21.85	21.78	21.75	23.50
			1	14	21.72	21.71	21.74	23.50
			8	0	20.86	20.82	20.78	22.50
			8	4	20.91	20.87	20.90	22.50
		64QAM	8	7	20.90	20.93	20.71	22.50
			15	0	20.85	20.80	20.86	22.50
			1	0	20.98	20.77	20.85	22.50
			1	7	20.96	20.90	20.83	22.50
			1	14	20.91	20.86	20.82	22.50
			8	0	19.93	19.95	19.95	21.50
			8	4	20.00	19.87	20.01	21.50
		256QAM	8	7	20.00	20.06	19.87	21.50
			15	0	20.01	19.83	20.00	21.50
	1		0	17.97	18.17	18.12	19.50	
	1		7	18.00	18.05	18.04	19.50	
	1		14	18.18	17.88	18.19	19.50	
8	0		18.13	18.21	17.97	19.50		
8	4		18.00	18.13	18.07	19.50		
5MHz	QPSK	8	7	17.96	18.00	18.13	19.50	
		15	0	18.02	17.96	18.19	19.50	
16QAM		1	0	22.68	22.67	22.60	24.50	
		1	13	22.66	22.79	22.69	24.50	
		1	24	22.68	22.73	22.69	24.50	
		12	0	21.70	21.71	21.57	23.50	
		12	6	21.72	21.75	21.77	23.50	
	12	13	21.74	21.75	21.78	23.50		
	25	0	21.60	21.78	21.68	23.50		
	64QAM	1	0	21.85	21.81	21.75	23.50	
		1	13	21.87	21.74	21.81	23.50	
		1	24	21.77	21.70	21.80	23.50	
		12	0	20.85	20.78	20.79	22.50	
		12	6	20.84	20.86	20.85	22.50	
		12	13	20.81	20.86	20.71	22.50	
		25	0	20.90	20.81	20.90	22.50	
5MHz	64QAM	1	0	20.95	20.80	20.81	22.50	
		1	13	20.92	20.93	20.82	22.50	

		1	24	20.99	20.76	20.88	22.50
		12	0	19.91	19.91	19.93	21.50
		12	6	20.01	19.87	19.90	21.50
		12	13	20.07	20.05	19.87	21.50
		25	0	19.95	19.82	19.96	21.50
	256QAM	1	0	18.04	18.18	18.06	19.50
		1	13	17.99	18.10	18.10	19.50
		1	24	18.09	17.97	18.21	19.50
		12	0	18.12	18.20	18.04	19.50
		12	6	18.06	18.09	18.03	19.50
		12	13	18.01	18.04	18.11	19.50
		25	0	18.01	17.96	18.21	19.50
Bandwidth	Modulation	RB size	RB offset	Channel 132022	Channel 132322	Channel 132622	Tune up
10MHz	QPSK	1	0	22.71	22.70	22.69	24.50
		1	25	22.65	22.73	22.60	24.50
		1	49	22.67	22.67	22.71	24.50
		25	0	21.77	21.69	21.67	23.50
		25	13	21.75	21.82	21.73	23.50
		25	25	21.78	21.74	21.81	23.50
		50	0	21.65	21.75	21.63	23.50
	16QAM	1	0	21.77	21.78	21.74	23.50
		1	25	21.79	21.75	21.76	23.50
		1	49	21.71	21.67	21.75	23.50
		25	0	20.82	20.72	20.76	22.50
		25	13	20.88	20.90	20.88	22.50
		25	25	20.81	20.93	20.76	22.50
		50	0	20.87	20.85	20.91	22.50
	64QAM	1	0	20.98	20.83	20.84	22.50
		1	25	20.94	20.95	20.76	22.50
		1	49	20.93	20.79	20.81	22.50
		25	0	19.89	19.94	19.97	21.50
		25	13	19.99	19.83	19.93	21.50
		25	25	20.04	19.96	19.86	21.50
		50	0	19.99	19.90	19.93	21.50
	256QAM	1	0	17.98	18.26	18.05	19.50
		1	25	17.97	18.07	18.04	19.50
		1	49	18.12	17.96	18.20	19.50
25		0	18.07	18.19	17.99	19.50	
25		13	18.06	18.12	17.99	19.50	
25		25	17.93	18.03	18.13	19.50	
50		0	18.00	17.97	18.20	19.50	
Bandwidth	Modulation	RB size	RB offset	Channel 132047	Channel 132322	Channel 132597	Tune up
15MHz	QPSK	1	0	22.69	22.76	22.69	24.50
		1	38	22.67	22.75	22.68	24.50
		1	74	22.60	22.68	22.65	24.50
		36	0	21.77	21.77	21.60	23.50
		36	18	21.71	21.85	21.71	23.50
		36	39	21.79	21.73	21.77	23.50
		75	0	21.68	21.70	21.64	23.50

	16QAM	1	0	21.83	21.83	21.75	23.50
		1	38	21.83	21.75	21.79	23.50
		1	74	21.81	21.68	21.77	23.50
		36	0	20.83	20.74	20.76	22.50
		36	18	20.92	20.95	20.84	22.50
		36	39	20.87	20.91	20.75	22.50
		75	0	20.84	20.83	20.90	22.50
	64QAM	1	0	20.88	20.79	20.82	22.50
		1	38	20.92	20.93	20.78	22.50
		1	74	20.98	20.81	20.84	22.50
		36	0	19.88	19.93	19.97	21.50
		36	18	19.94	19.86	19.98	21.50
		36	39	20.07	20.02	19.92	21.50
		75	0	20.01	19.93	19.92	21.50
	256QAM	1	0	18.02	18.21	18.07	19.50
		1	38	17.99	18.03	18.06	19.50
		1	74	18.16	17.95	18.22	19.50
		36	0	18.17	18.23	18.01	19.50
		36	18	18.04	18.08	18.04	19.50
		36	39	17.94	18.11	18.06	19.50
		75	0	18.02	17.99	18.20	19.50
Bandwidth	Modulation	RB size	RB offset	Channel 132072	Channel 132322	Channel 132572	Tune up
20MHz	QPSK	1	0	22.70	22.88	22.70	24.50
		1	50	22.70	22.76	22.69	24.50
		1	99	22.60	22.66	22.70	24.50
		50	0	21.76	21.83	21.65	23.50
		50	25	21.70	21.82	21.77	23.50
		50	50	21.73	21.75	21.75	23.50
		100	0	21.66	21.71	21.64	23.50
	16QAM	1	0	21.80	21.82	21.75	23.50
		1	50	21.78	21.74	21.80	23.50
		1	99	21.73	21.68	21.83	23.50
		50	0	20.82	20.81	20.77	22.50
		50	25	20.93	20.86	20.86	22.50
		50	50	20.85	20.90	20.70	22.50
		100	0	20.88	20.76	20.89	22.50
	64QAM	1	0	20.93	20.85	20.85	22.50
		1	50	20.90	20.89	20.81	22.50
		1	99	20.90	20.84	20.88	22.50
		50	0	19.91	19.89	20.00	21.50
		50	25	19.96	19.88	19.90	21.50
		50	50	20.07	19.97	19.88	21.50
		100	0	19.96	19.84	19.97	21.50
	256QAM	1	0	17.97	18.19	18.07	19.50
		1	50	17.92	18.08	18.08	19.50
		1	99	18.12	17.97	18.16	19.50
		50	0	18.13	18.24	18.04	19.50
		50	25	18.02	18.14	18.09	19.50
		50	50	17.99	18.03	18.07	19.50
100		0	17.97	17.93	18.23	19.50	

LTE Band 66 DSI1&5 ENDC				Conducted Power(dBm)				
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				131979	132322	132665		
1.4MHz	QPSK	1	0	16.89	17.13	17.02	18.10	
		1	2	16.89	16.87	16.83	18.10	
		1	5	16.86	16.94	16.91	18.10	
		3	0	16.82	16.91	16.94	18.10	
		3	1	16.87	17.04	16.89	18.10	
		3	3	16.79	16.96	16.89	18.10	
		6	0	16.96	16.88	16.76	18.10	
	16QAM	1	0	16.80	17.00	16.96	18.10	
		1	2	16.88	17.05	16.85	18.10	
		1	5	16.85	16.93	16.75	18.10	
		3	0	16.83	17.00	16.92	18.10	
		3	1	16.85	16.75	16.90	18.10	
		3	3	16.74	16.99	16.82	18.10	
		6	0	16.65	16.85	16.88	18.10	
	64QAM	1	0	16.76	16.75	17.01	18.10	
		1	2	16.85	17.09	16.76	18.10	
		1	5	16.73	16.79	16.88	18.10	
		3	0	16.81	16.87	16.81	18.10	
		3	1	16.88	16.98	16.86	18.10	
		3	3	16.70	16.91	16.82	18.10	
		6	0	16.85	16.88	16.80	18.10	
	256QAM	1	0	16.73	16.99	17.02	18.10	
		1	2	16.81	17.00	16.84	18.10	
		1	5	16.69	17.10	16.91	18.10	
		3	0	16.83	16.86	17.01	18.10	
		3	1	16.86	17.09	16.92	18.10	
		3	3	16.94	16.85	16.97	18.10	
		6	0	16.81	17.05	16.83	18.10	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
3MHz	QPSK	1	0	16.84	17.08	17.01	18.10	
		1	7	16.75	16.87	16.87	18.10	
		1	14	16.85	16.87	16.81	18.10	
		8	0	16.82	16.98	16.93	18.10	
		8	4	16.95	17.03	16.81	18.10	
		8	7	16.74	16.87	16.96	18.10	
		15	0	16.81	17.02	16.72	18.10	
	16QAM	1	0	16.84	17.11	17.05	18.10	
		1	7	16.93	16.92	16.77	18.10	
		1	14	16.85	17.01	16.85	18.10	
		8	0	16.89	17.05	16.91	18.10	
		8	4	16.91	16.92	16.84	18.10	
		8	7	16.76	16.96	16.89	18.10	
		15	0	16.71	16.92	16.79	18.10	
	64QAM	1	0	16.69	16.81	16.97	18.10	
		1	7	16.82	17.02	16.77	18.10	
		1	14	16.68	16.82	16.81	18.10	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					131987	132322	132657	

	256QAM	8	0	16.78	16.99	16.92	18.10
		8	4	16.82	17.01	16.83	18.10
		8	7	16.83	16.89	16.82	18.10
		15	0	16.86	17.04	16.85	18.10
		1	0	16.85	16.97	16.99	18.10
		1	7	16.70	16.88	16.85	18.10
		1	14	16.74	17.00	16.75	18.10
		8	0	16.85	16.83	17.04	18.10
		8	4	16.84	17.10	16.88	18.10
		8	7	16.94	16.90	16.90	18.10
15	0	16.80	17.08	16.78	18.10		
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131997	132322	132647	
5MHz	QPSK	1	0	16.88	17.11	16.95	18.10
		1	13	16.83	16.92	16.97	18.10
		1	24	16.73	17.00	16.77	18.10
		12	0	16.77	16.92	16.82	18.10
		12	6	16.96	16.94	16.76	18.10
		12	13	16.69	16.92	16.93	18.10
		25	0	16.91	16.98	16.83	18.10
	16QAM	1	0	16.78	17.03	17.02	18.10
		1	13	16.96	16.91	16.74	18.10
		1	24	16.91	16.96	16.90	18.10
		12	0	16.91	17.01	16.76	18.10
		12	6	16.96	16.79	16.98	18.10
		12	13	16.82	17.06	16.71	18.10
		25	0	16.77	16.95	16.75	18.10
	64QAM	1	0	16.79	16.80	17.05	18.10
		1	13	16.77	17.02	16.80	18.10
		1	24	16.79	16.78	16.88	18.10
		12	0	16.76	16.95	16.86	18.10
		12	6	16.85	17.01	16.80	18.10
		12	13	16.81	16.92	16.91	18.10
		25	0	16.79	16.92	16.84	18.10
	256QAM	1	0	16.87	16.98	16.91	18.10
		1	13	16.81	17.02	16.81	18.10
		1	24	16.70	17.03	16.86	18.10
		12	0	16.93	16.92	16.95	18.10
		12	6	16.95	17.13	16.84	18.10
		12	13	16.95	16.90	17.05	18.10
		25	0	16.72	17.08	16.81	18.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132022	132322	132622	
10MHz	QPSK	1	0	16.95	17.11	17.01	18.10
		1	25	16.88	16.81	16.92	18.10
		1	49	16.85	16.84	16.86	18.10
		25	0	16.79	16.84	16.87	18.10
		25	13	16.92	16.98	16.95	18.10
		25	25	16.84	17.00	16.87	18.10
		50	0	16.81	16.96	16.88	18.10
	16QAM	1	0	16.85	16.98	16.91	18.10



		1	25	16.95	17.07	16.70	18.10		
		1	49	16.90	17.04	16.77	18.10		
		25	0	16.85	17.08	16.85	18.10		
		25	13	17.00	16.85	16.93	18.10		
		25	25	16.89	16.91	16.76	18.10		
		50	0	16.63	16.85	16.93	18.10		
	64QAM	1	0	16.83	16.89	16.91	18.10		
		1	25	16.84	17.06	16.88	18.10		
		1	49	16.67	16.77	16.77	18.10		
		25	0	16.90	17.00	16.91	18.10		
		25	13	16.77	16.95	16.79	18.10		
		25	25	16.68	16.90	16.81	18.10		
	256QAM	50	0	16.79	16.88	16.88	18.10		
		1	0	16.82	16.96	16.89	18.10		
		1	25	16.81	16.95	16.82	18.10		
		1	49	16.65	17.03	16.94	18.10		
		25	0	16.95	16.86	16.97	18.10		
		25	13	16.91	16.98	16.85	18.10		
		25	25	16.82	17.02	17.02	18.10		
		50	0	16.73	17.04	16.89	18.10		
		Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
						132047	132322	132597	
		15MHz	QPSK	1	0	16.98	17.12	17.00	18.10
				1	38	16.86	16.83	16.83	18.10
1	74			16.71	16.85	16.78	18.10		
36	0			16.87	16.89	16.92	18.10		
36	18			16.90	16.93	16.84	18.10		
36	39			16.82	16.86	16.98	18.10		
75	0			16.90	16.95	16.88	18.10		
16QAM	1		0	16.83	16.93	16.99	18.10		
	1		38	16.85	16.96	16.73	18.10		
	1		74	16.81	17.00	16.72	18.10		
	36		0	16.87	17.03	16.86	18.10		
	36		18	16.96	16.80	16.83	18.10		
	36		39	16.79	16.96	16.85	18.10		
	75		0	16.77	16.97	16.87	18.10		
64QAM	1		0	16.86	16.83	16.97	18.10		
	1		38	16.92	17.05	16.85	18.10		
	1		74	16.70	16.91	16.76	18.10		
	36		0	16.83	16.97	16.82	18.10		
	36		18	16.89	17.08	16.86	18.10		
	36		39	16.83	16.93	16.78	18.10		
	75		0	16.91	17.06	16.86	18.10		
256QAM	1		0	16.73	16.91	16.96	18.10		
	1		38	16.75	16.84	16.73	18.10		
	1		74	16.63	17.08	16.85	18.10		
	36		0	16.93	16.91	16.97	18.10		
	36		18	16.93	17.01	16.87	18.10		
	36		39	16.95	16.91	17.02	18.10		
	75		0	16.84	16.90	16.74	18.10		
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up		

				132072	132322	132572	
20MHz	QPSK	1	0	17.01	17.15	17.09	18.10
		1	50	16.95	16.95	17.01	18.10
		1	99	16.91	17.04	16.94	18.10
		50	0	16.92	17.04	17.02	18.10
		50	25	17.01	17.07	16.96	18.10
		50	50	16.87	17.04	17.00	18.10
		100	0	17.00	17.07	16.91	18.10
	16QAM	1	0	16.90	17.11	17.09	18.10
		1	50	16.96	17.09	16.89	18.10
		1	99	16.95	17.08	16.91	18.10
		50	0	16.97	17.11	16.94	18.10
		50	25	17.01	16.94	17.00	18.10
		50	50	16.90	17.07	16.90	18.10
		100	0	16.83	17.04	16.94	18.10
	64QAM	1	0	16.87	16.93	17.08	18.10
		1	50	16.92	17.10	16.93	18.10
		1	99	16.83	16.93	16.91	18.10
		50	0	16.91	17.06	16.93	18.10
		50	25	16.91	17.13	16.96	18.10
		50	50	16.88	17.07	16.96	18.10
		100	0	16.96	17.08	16.98	18.10
	256QAM	1	0	16.90	17.05	17.05	18.10
		1	50	16.83	17.02	16.90	18.10
		1	99	16.82	17.11	16.94	18.10
		50	0	16.96	17.00	17.09	18.10
		50	25	17.01	17.13	16.96	18.10
		50	50	16.97	17.05	17.09	18.10
		100	0	16.84	17.09	16.93	18.10

LTE Band 66 Default&DSI4 ENDC				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131979	132322	132665	
1.4MHz	QPSK	1	0	22.42	22.60	22.57	23.60
		1	2	22.50	22.33	22.45	23.60
		1	5	22.48	22.43	22.54	23.60
		3	0	22.51	22.37	22.25	23.60
		3	1	22.58	22.56	22.36	23.60
		3	3	22.35	22.44	22.44	23.60
		6	0	21.31	21.41	21.35	22.60
	16QAM	1	0	21.39	21.51	21.43	22.60
		1	2	21.47	21.52	21.52	22.60
		1	5	21.43	21.46	21.48	22.60
		3	0	21.32	21.48	21.50	22.60
		3	1	21.25	21.51	21.53	22.60
		3	3	21.35	21.36	21.46	22.60
		6	0	20.23	20.42	20.43	21.60
	64QAM	1	0	20.55	20.62	20.58	21.60
		1	2	20.36	20.41	20.39	21.60

		1	5	20.26	20.54	20.47	21.60
		3	0	20.47	20.41	20.28	21.60
		3	1	20.32	20.48	20.31	21.60
		3	3	20.41	20.46	20.48	21.60
		6	0	19.35	19.53	19.43	20.60
	256QAM	1	0	17.37	17.41	17.43	18.60
		1	2	17.38	17.57	17.53	18.60
		1	5	17.54	17.43	17.45	18.60
		3	0	17.41	17.44	17.39	18.60
		3	1	17.39	17.53	17.41	18.60
		3	3	17.21	17.39	17.46	18.60
		6	0	17.28	17.54	17.44	18.60
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131987	132322	132657	
3MHz	QPSK	1	0	22.44	22.64	22.48	23.60
		1	7	22.53	22.37	22.40	23.60
		1	14	22.52	22.43	22.36	23.60
		8	0	21.42	21.54	21.39	22.60
		8	4	21.46	21.61	21.43	22.60
		8	7	21.37	21.52	21.52	22.60
		15	0	21.34	21.47	21.37	22.60
	16QAM	1	0	21.47	21.53	21.46	22.60
		1	7	21.36	21.46	21.49	22.60
		1	14	21.51	21.48	21.53	22.60
		8	0	20.40	20.47	20.41	21.60
		8	4	20.37	20.49	20.47	21.60
		8	7	20.54	20.41	20.43	21.60
		15	0	20.38	20.51	20.29	21.60
	64QAM	1	0	20.54	20.56	20.51	21.60
		1	7	20.48	20.38	20.38	21.60
		1	14	20.25	20.47	20.48	21.60
		8	0	19.39	19.41	19.30	20.60
		8	4	19.39	19.63	19.27	20.60
		8	7	19.37	19.45	19.42	20.60
		15	0	19.35	19.54	19.39	20.60
	256QAM	1	0	17.36	17.40	17.31	18.60
		1	7	17.46	17.54	17.54	18.60
		1	14	17.43	17.54	17.34	18.60
		8	0	17.35	17.46	17.37	18.60
		8	4	17.45	17.53	17.46	18.60
		8	7	17.31	17.47	17.41	18.60
		15	0	17.37	17.49	17.47	18.60
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131997	132322	132647	
5MHz	QPSK	1	0	22.48	22.63	22.63	23.60
		1	13	22.44	22.33	22.57	23.60
		1	24	22.35	22.44	22.36	23.60
		12	0	21.37	21.53	21.43	22.60
		12	6	21.46	21.62	21.52	22.60
		12	13	21.49	21.42	21.39	22.60
		25	0	21.47	21.46	21.50	22.60

	16QAM	1	0	21.57	21.53	21.37	22.60	
		1	13	21.39	21.46	21.40	22.60	
		1	24	21.54	21.41	21.39	22.60	
		12	0	20.29	20.33	20.50	21.60	
		12	6	20.21	20.37	20.48	21.60	
		12	13	20.36	20.46	20.34	21.60	
	64QAM	25	0	20.29	20.54	20.38	21.60	
		1	0	20.45	20.56	20.43	21.60	
		1	13	20.47	20.40	20.44	21.60	
		1	24	20.31	20.42	20.54	21.60	
		12	0	19.37	19.38	19.45	20.60	
		12	6	19.38	19.55	19.29	20.60	
	256QAM	12	13	19.42	19.59	19.36	20.60	
		25	0	19.27	19.59	19.27	20.60	
		1	0	17.38	17.51	17.32	18.60	
		1	13	17.30	17.48	17.40	18.60	
		1	24	17.42	17.49	17.51	18.60	
		12	0	17.42	17.44	17.37	18.60	
			12	6	17.46	17.49	17.49	18.60
			12	13	17.24	17.36	17.58	18.60
			25	0	17.32	17.46	17.44	18.60
25			0	17.32	17.46	17.44	18.60	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				132022	132322	132622		
10MHz	QPSK	1	0	22.45	22.57	22.45	23.60	
		1	25	22.44	22.31	22.49	23.60	
		1	49	22.44	22.54	22.44	23.60	
		25	0	21.47	21.38	21.42	22.60	
		25	13	21.46	21.48	21.33	22.60	
		25	25	21.35	21.47	21.48	22.60	
		50	0	21.39	21.36	21.46	22.60	
	16QAM	1	0	21.49	21.52	21.42	22.60	
		1	25	21.32	21.35	21.36	22.60	
		1	49	21.55	21.49	21.34	22.60	
		25	0	20.38	20.40	20.51	21.60	
		25	13	20.30	20.51	20.52	21.60	
		25	25	20.38	20.45	20.29	21.60	
	64QAM	50	0	20.37	20.50	20.40	21.60	
		1	0	20.49	20.44	20.53	21.60	
		1	25	20.32	20.50	20.41	21.60	
		1	49	20.24	20.50	20.47	21.60	
		25	0	19.51	19.42	19.39	20.60	
		25	13	19.29	19.58	19.44	20.60	
	256QAM	25	25	19.42	19.60	19.35	20.60	
		50	0	19.36	19.59	19.44	20.60	
		1	0	17.43	17.49	17.36	18.60	
		1	25	17.32	17.42	17.54	18.60	
		1	49	17.51	17.52	17.37	18.60	
		25	0	17.45	17.50	17.35	18.60	
			25	13	17.42	17.44	17.38	18.60
			25	25	17.40	17.39	17.51	18.60
50			0	17.30	17.42	17.39	18.60	
50			0	17.30	17.42	17.39	18.60	

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132047	132322	132597	
15MHz	QPSK	1	0	22.47	22.65	22.51	23.60
		1	38	22.48	22.44	22.57	23.60
		1	74	22.38	22.42	22.36	23.60
		36	0	21.44	21.37	21.30	22.60
		36	18	21.42	21.56	21.42	22.60
		36	39	21.31	21.41	21.40	22.60
		75	0	21.36	21.44	21.46	22.60
	16QAM	1	0	21.55	21.50	21.44	22.60
		1	38	21.49	21.42	21.45	22.60
		1	74	21.44	21.45	21.52	22.60
		36	0	20.38	20.37	20.43	21.60
		36	18	20.25	20.33	20.42	21.60
		36	39	20.55	20.38	20.35	21.60
		75	0	20.42	20.58	20.45	21.60
	64QAM	1	0	20.40	20.56	20.56	21.60
		1	38	20.43	20.40	20.54	21.60
		1	74	20.22	20.40	20.48	21.60
		36	0	19.44	19.43	19.35	20.60
		36	18	19.32	19.63	19.35	20.60
		36	39	19.45	19.45	19.45	20.60
		75	0	19.36	19.67	19.31	20.60
	256QAM	1	0	17.31	17.57	17.48	18.60
		1	38	17.46	17.54	17.42	18.60
		1	74	17.43	17.38	17.49	18.60
		36	0	17.33	17.43	17.30	18.60
		36	18	17.39	17.57	17.53	18.60
		36	39	17.37	17.46	17.45	18.60
		75	0	17.39	17.50	17.41	18.60
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
20MHz	QPSK	1	0	22.59	22.68	22.64	23.60
		1	50	22.58	22.51	22.58	23.60
		1	99	22.53	22.60	22.56	23.60
		50	0	21.51	21.56	21.45	22.60
		50	25	21.58	21.64	21.53	22.60
		50	50	21.50	21.54	21.53	22.60
		100	0	21.51	21.50	21.52	22.60
	16QAM	1	0	21.58	21.62	21.47	22.60
		1	50	21.52	21.55	21.53	22.60
		1	99	21.56	21.58	21.53	22.60
		50	0	20.49	20.53	20.61	21.60
		50	25	20.41	20.52	20.61	21.60
		50	50	20.55	20.54	20.48	21.60
		100	0	20.43	20.61	20.46	21.60
	64QAM	1	0	20.57	20.62	20.59	21.60
		1	50	20.51	20.56	20.55	21.60
		1	99	20.41	20.57	20.63	21.60
		50	0	19.55	19.55	19.47	20.60
		50	25	19.47	19.64	19.45	20.60
		50	50	19.47	19.64	19.45	20.60

		50	50	19.57	19.64	19.52	20.60
		100	0	19.47	19.68	19.44	20.60
	256QAM	1	0	17.45	17.60	17.50	18.60
		1	50	17.48	17.61	17.56	18.60
		1	99	17.56	17.57	17.51	18.60
		50	0	17.46	17.55	17.48	18.60
		50	25	17.57	17.58	17.53	18.60
		50	50	17.41	17.50	17.59	18.60
100	0	17.40	17.55	17.55	18.60		

LTE Band 66 DSI3 ENDC				Conducted Power(dBm)				
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				131979	132322	132665		
1.4MHz	QPSK	1	0	20.00	20.09	20.01	21.10	
		1	2	19.84	19.88	19.98	21.10	
		1	5	19.95	19.86	19.89	21.10	
		3	0	19.89	19.90	19.92	21.10	
		3	1	20.01	19.92	19.83	21.10	
		3	3	19.92	19.82	19.89	21.10	
	16QAM	6	0	19.98	19.92	19.93	21.10	
		1	0	19.88	19.96	19.94	21.10	
		1	2	19.96	19.82	19.92	21.10	
		1	5	19.90	19.89	20.08	21.10	
		3	0	19.95	20.10	19.92	21.10	
		3	1	19.86	20.01	19.99	21.10	
	64QAM	3	3	19.76	19.96	19.95	21.10	
		6	0	19.95	19.87	20.09	21.10	
		1	0	19.95	19.91	20.00	21.10	
		1	2	19.81	20.05	19.95	21.10	
		1	5	19.76	20.10	19.93	21.10	
		3	0	20.41	20.55	20.42	21.60	
	256QAM	3	1	20.35	20.41	20.36	21.60	
		3	3	20.30	20.44	20.47	21.60	
		6	0	19.39	19.37	19.40	20.60	
		1	0	17.48	17.45	17.44	18.60	
		1	2	17.47	17.44	17.48	18.60	
		1	5	17.38	17.44	17.53	18.60	
		3	0	17.55	17.55	17.36	18.60	
		3	1	17.34	17.33	17.56	18.60	
		3	3	17.48	17.58	17.45	18.60	
		6	0	17.45	17.43	17.48	18.60	
Bandwidth		Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
3MHz		QPSK			131987	132322	132657	
	1		0	20.07	20.15	20.06	21.10	
	1		7	19.83	19.90	20.02	21.10	
	1		14	20.02	19.99	19.81	21.10	
	8		0	19.96	19.96	19.95	21.10	
	8		4	20.02	20.09	19.95	21.10	

	16QAM	8	7	20.06	19.85	19.76	21.10
		15	0	19.93	19.92	19.95	21.10
		1	0	19.80	19.85	19.94	21.10
		1	7	19.87	19.92	20.08	21.10
		1	14	19.83	19.84	19.92	21.10
		8	0	19.87	19.91	19.91	21.10
		8	4	19.87	20.01	20.04	21.10
		8	7	19.76	19.91	20.07	21.10
	64QAM	15	0	19.95	19.86	19.98	21.10
		1	0	19.95	19.90	19.89	21.10
		1	7	19.73	20.00	19.96	21.10
		1	14	19.83	20.08	20.00	21.10
		8	0	19.53	19.56	19.38	20.60
		8	4	19.30	19.44	19.35	20.60
		8	7	19.34	19.60	19.55	20.60
	256QAM	15	0	19.38	19.53	19.50	20.60
		1	0	17.46	17.28	17.38	18.60
		1	7	17.46	17.42	17.52	18.60
		1	14	17.47	17.52	17.47	18.60
		8	0	17.44	17.39	17.30	18.60
		8	4	17.43	17.33	17.52	18.60
8		7	17.32	17.58	17.39	18.60	
15	0	17.39	17.44	17.50	18.60		
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131997	132322	132647	
5MHz	QPSK	1	0	20.08	20.05	20.11	21.10
		1	13	19.91	19.95	20.00	21.10
		1	24	19.85	19.90	19.96	21.10
		12	0	19.98	19.82	19.88	21.10
		12	6	19.97	19.97	19.79	21.10
		12	13	20.01	19.91	19.93	21.10
		25	0	19.90	19.93	19.90	21.10
	16QAM	1	0	19.92	19.98	19.97	21.10
		1	13	19.83	19.89	19.93	21.10
		1	24	19.95	19.87	20.00	21.10
		12	0	19.94	19.92	19.91	21.10
		12	6	19.81	19.94	19.99	21.10
		12	13	19.84	19.92	19.97	21.10
		25	0	19.79	20.01	20.00	21.10
	64QAM	1	0	19.95	19.98	19.93	21.10
		1	13	19.77	20.05	20.02	21.10
		1	24	19.88	20.06	20.06	21.10
		12	0	19.40	19.45	19.43	20.60
		12	6	19.34	19.45	19.42	20.60
		12	13	19.40	19.45	19.58	20.60
		25	0	19.43	19.33	19.39	20.60
	256QAM	1	0	17.55	17.36	17.39	18.60
		1	13	17.41	17.43	17.61	18.60
		1	24	17.40	17.34	17.39	18.60
		12	0	17.38	17.58	17.40	18.60
		12	6	17.43	17.31	17.37	18.60

Bandwidth	Modulation	12	13	17.32	17.41	17.48	18.60
		25	0	17.50	17.46	17.56	18.60
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132022	132322	132622	
10MHz	QPSK	1	0	19.98	20.13	20.12	21.10
		1	25	19.92	19.98	19.96	21.10
		1	49	20.02	20.04	19.80	21.10
		25	0	19.97	19.84	19.98	21.10
		25	13	20.06	20.07	19.82	21.10
		25	25	20.00	19.97	19.89	21.10
		50	0	19.90	19.87	19.92	21.10
	16QAM	1	0	19.78	19.98	20.00	21.10
		1	25	19.92	19.78	19.99	21.10
		1	49	19.83	19.91	19.98	21.10
		25	0	19.95	20.03	20.07	21.10
		25	13	19.99	20.00	19.89	21.10
		25	25	19.70	19.87	20.02	21.10
		50	0	19.89	19.91	20.00	21.10
	64QAM	1	0	19.93	19.92	19.88	21.10
		1	25	19.72	20.07	19.94	21.10
		1	49	19.89	19.91	19.93	21.10
		25	0	19.37	19.42	19.35	20.60
		25	13	19.47	19.59	19.33	20.60
		25	25	19.30	19.55	19.57	20.60
		50	0	19.40	19.42	19.42	20.60
	256QAM	1	0	17.49	17.33	17.43	18.60
		1	25	17.35	17.43	17.49	18.60
		1	49	17.37	17.38	17.49	18.60
		25	0	17.37	17.50	17.30	18.60
		25	13	17.35	17.41	17.54	18.60
		25	25	17.36	17.52	17.37	18.60
		50	0	17.52	17.36	17.49	18.60
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
Bandwidth	Modulation	RB size	RB offset	132047	132322	132597	Tune up
				132047	132322	132597	
15MHz	QPSK	1	0	20.06	20.04	19.96	21.10
		1	38	19.85	19.79	19.92	21.10
		1	74	19.84	20.00	19.79	21.10
		36	0	19.87	19.85	19.85	21.10
		36	18	20.03	20.02	19.84	21.10
		36	39	20.02	19.88	19.92	21.10
		75	0	20.05	19.98	19.89	21.10
	16QAM	1	0	19.77	19.98	20.07	21.10
		1	38	19.86	19.95	20.07	21.10
		1	74	19.80	19.96	20.03	21.10
		36	0	19.92	19.98	20.06	21.10
		36	18	19.95	20.10	19.94	21.10
		36	39	19.73	20.02	20.09	21.10
		75	0	19.95	19.93	20.11	21.10
	64QAM	1	0	19.94	20.03	19.91	21.10
		1	38	19.78	20.04	19.94	21.10
		1	74	19.89	20.10	20.01	21.10
		1	74	19.89	20.10	20.01	21.10

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				132072	132322	132572		
20MHz	256QAM	36	0	19.48	19.50	19.35	20.60	
		36	18	19.39	19.50	19.32	20.60	
		36	39	19.39	19.46	19.50	20.60	
		75	0	19.41	19.43	19.51	20.60	
		1	0	17.48	17.34	17.52	18.60	
		1	38	17.46	17.35	17.59	18.60	
		1	74	17.33	17.47	17.38	18.60	
		36	0	17.48	17.58	17.33	18.60	
		36	18	17.26	17.30	17.40	18.60	
	36	39	17.46	17.54	17.35	18.60		
	75	0	17.34	17.46	17.45	18.60		
	20MHz	QPSK	1	0	20.08	20.16	20.13	21.10
			1	50	19.99	19.99	20.03	21.10
			1	99	20.04	20.05	19.97	21.10
			50	0	20.02	20.01	20.02	21.10
			50	25	20.07	20.10	19.98	21.10
			50	50	20.08	20.02	19.94	21.10
			100	0	20.05	20.01	19.96	21.10
		16QAM	1	0	19.97	19.99	20.09	21.10
			1	50	20.03	19.98	20.09	21.10
			1	99	20.00	20.03	20.08	21.10
			50	0	20.04	20.10	20.08	21.10
			50	25	20.00	20.11	20.08	21.10
			50	50	19.89	20.05	20.09	21.10
			100	0	19.99	20.05	20.13	21.10
		64QAM	1	0	19.97	20.07	20.04	21.10
			1	50	19.89	20.11	20.12	21.10
			1	99	19.95	20.11	20.12	21.10
50			0	19.56	19.62	19.43	20.60	
50			25	19.48	19.60	19.45	20.60	
50			50	19.47	19.64	19.62	20.60	
100			0	19.51	19.53	19.55	20.60	
256QAM		1	0	17.55	17.47	17.53	18.60	
		1	50	17.55	17.47	17.61	18.60	
		1	99	17.48	17.53	17.54	18.60	
		50	0	17.56	17.59	17.49	18.60	
		50	25	17.45	17.48	17.57	18.60	
		50	50	17.51	17.59	17.51	18.60	
		100	0	17.53	17.48	17.58	18.60	

LTE Band 38 DS1&5				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37775	38000	38225	
5MHz	QPSK	1	0	18.76	18.78	18.80	20.50
		1	13	18.78	18.84	18.79	20.50
		1	24	18.73	18.86	18.82	20.50
		12	0	18.77	18.90	18.76	20.50

	16QAM	12	6	18.85	18.82	18.79	20.50
		12	13	18.82	18.84	18.78	20.50
		25	0	18.86	18.86	18.73	20.50
		1	0	18.81	18.84	18.78	20.50
		1	13	18.84	18.85	18.75	20.50
		1	24	18.86	18.86	18.76	20.50
		12	0	18.77	18.82	18.78	20.50
		12	6	18.82	18.79	18.81	20.50
		12	13	18.78	18.81	18.81	20.50
	25	0	18.75	18.84	18.79	20.50	
	64QAM	1	0	18.85	18.90	18.81	20.50
		1	13	18.80	18.88	18.87	20.50
		1	24	18.86	18.76	18.76	20.50
		12	0	18.77	18.92	18.71	20.50
		12	6	18.77	18.83	18.77	20.50
		12	13	18.79	18.77	18.75	20.50
		25	0	18.78	18.82	18.81	20.50
	256QAM	1	0	18.02	17.99	18.03	19.50
		1	13	17.94	17.97	17.93	19.50
		1	24	17.94	18.00	18.03	19.50
		12	0	18.01	18.00	18.01	19.50
		12	6	17.97	17.93	17.98	19.50
		12	13	17.97	17.96	17.98	19.50
		25	0	17.98	17.93	17.92	19.50
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
37800					38000	38200	
10MHz	QPSK	1	0	18.80	18.79	18.79	20.50
		1	25	18.77	18.76	18.82	20.50
		1	49	18.82	18.79	18.83	20.50
		25	0	18.75	18.85	18.81	20.50
		25	13	18.85	18.81	18.83	20.50
		25	25	18.72	18.83	18.72	20.50
		50	0	18.81	18.88	18.70	20.50
	16QAM	1	0	18.83	18.83	18.85	20.50
		1	25	18.72	18.84	18.81	20.50
		1	49	18.88	18.82	18.86	20.50
		25	0	18.75	18.85	18.82	20.50
		25	13	18.77	18.76	18.82	20.50
		25	25	18.75	18.75	18.76	20.50
		50	0	18.82	18.80	18.77	20.50
	64QAM	1	0	18.82	18.83	18.81	20.50
		1	25	18.84	18.88	18.83	20.50
		1	49	18.91	18.72	18.74	20.50
		25	0	18.75	18.84	18.75	20.50
		25	13	18.82	18.87	18.77	20.50
		25	25	18.84	18.79	18.81	20.50
		50	0	18.79	18.74	18.83	20.50
	256QAM	1	0	18.00	18.02	17.97	19.50
		1	25	18.02	18.00	17.93	19.50
		1	49	18.00	17.94	18.01	19.50
		25	0	18.02	17.92	17.93	19.50
25		0	18.02	17.92	17.93	19.50	

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37825	38000	38175	
15MHz	QPSK	25	13	17.92	17.96	18.00	19.50
		25	25	17.98	17.99	17.98	19.50
		50	0	18.03	17.97	18.00	19.50
		1	0	19.23	19.35	19.31	20.50
		1	38	19.26	19.32	19.24	20.50
		1	74	19.31	19.29	19.27	20.50
		36	0	19.30	19.41	19.29	20.50
	36	18	19.32	19.28	19.31	20.50	
	36	39	19.28	19.32	19.25	20.50	
	75	0	19.30	19.35	19.29	20.50	
	16QAM	1	0	19.33	19.34	19.37	20.50
		1	38	19.37	19.37	19.26	20.50
		1	74	19.35	19.37	19.27	20.50
		36	0	19.27	19.30	19.33	20.50
		36	18	19.29	19.30	19.30	20.50
		36	39	19.33	19.32	19.30	20.50
		75	0	19.30	19.34	19.27	20.50
	64QAM	1	0	19.27	19.35	19.31	20.50
		1	38	19.33	19.33	19.39	20.50
		1	74	19.40	19.25	19.21	20.50
		36	0	19.34	19.39	19.22	20.50
36		18	19.35	19.42	19.30	20.50	
36		39	19.28	19.29	19.30	20.50	
75		0	19.29	19.28	19.26	20.50	
256QAM	1	0	18.49	18.44	18.48	19.50	
	1	38	18.50	18.47	18.45	19.50	
	1	74	18.51	18.49	18.50	19.50	
	36	0	18.51	18.48	18.46	19.50	
	36	18	18.44	18.52	18.52	19.50	
	36	39	18.45	18.47	18.42	19.50	
	75	0	18.51	18.52	18.45	19.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
20MHz	QPSK	25	13	17.92	17.96	18.00	19.50
		25	25	17.98	17.99	17.98	19.50
		50	0	18.03	17.97	18.00	19.50
		1	0	19.23	19.35	19.31	20.50
		1	50	19.25	19.34	19.28	20.50
		1	99	19.31	19.32	19.30	20.50
		50	0	19.32	19.44	19.28	20.50
	50	25	19.31	19.31	19.29	20.50	
	50	50	19.33	19.40	19.27	20.50	
	100	0	19.37	19.40	19.26	20.50	
	16QAM	1	0	19.31	19.24	19.27	20.50
		1	50	19.38	19.36	19.27	20.50
		1	99	19.31	19.34	19.26	20.50
		50	0	19.33	19.33	19.28	20.50
		50	25	19.26	19.33	19.32	20.50
		50	50	19.26	19.26	19.31	20.50
		100	0	19.27	19.27	19.21	20.50
	64QAM	1	0	19.33	19.32	19.29	20.50
		1	50	19.30	19.34	19.33	20.50

		1	99	19.37	19.22	19.19	20.50
		50	0	19.35	19.36	19.21	20.50
		50	25	19.25	19.41	19.24	20.50
		50	50	19.26	19.27	19.32	20.50
		100	0	19.34	19.31	19.22	20.50
	256QAM	1	0	18.53	18.43	18.45	19.50
		1	50	18.45	18.52	18.53	19.50
		1	99	18.46	18.47	18.50	19.50
		50	0	18.48	18.53	18.45	19.50
		50	25	18.50	18.43	18.43	19.50
		50	50	18.51	18.47	18.42	19.50
		100	0	18.44	18.44	18.48	19.50

LTE Band 38 DSI3				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37775	38000	38225	
5MHz	QPSK	1	0	20.85	20.79	20.75	22.50
		1	13	20.71	20.74	20.79	22.50
		1	24	20.67	20.83	20.81	22.50
		12	0	20.77	20.86	20.69	22.50
		12	6	20.76	20.84	20.78	22.50
		12	13	20.84	20.76	20.78	22.50
		25	0	20.85	20.86	20.74	22.50
	16QAM	1	0	20.91	20.74	20.83	22.50
		1	13	20.79	20.95	20.84	22.50
		1	24	20.87	20.84	20.87	22.50
		12	0	20.76	20.75	20.80	22.50
		12	6	20.73	20.84	20.85	22.50
		12	13	20.71	20.77	20.73	22.50
		25	0	20.72	20.79	20.73	22.50
	64QAM	1	0	20.86	20.85	20.81	22.50
		1	13	20.77	20.81	20.79	22.50
		1	24	20.76	20.79	20.70	22.50
		12	0	20.85	20.91	20.72	22.50
		12	6	20.77	20.88	20.75	22.50
		12	13	20.83	20.72	20.83	22.50
		25	0	20.74	20.87	20.78	22.50
	256QAM	1	0	19.01	18.95	18.93	20.50
		1	13	18.99	18.93	18.98	20.50
		1	24	18.92	19.03	18.98	20.50
		12	0	19.01	18.94	18.94	20.50
		12	6	19.02	18.99	18.94	20.50
		12	13	19.03	19.02	19.00	20.50
		25	0	18.99	18.95	18.96	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
10MHz	QPSK			37800	38000	38200	
		1	0	20.80	20.77	20.80	22.50
		1	25	20.69	20.79	20.78	22.50
		1	49	20.66	20.89	20.82	22.50

	16QAM	25	0	20.77	20.90	20.77	22.50	
		25	13	20.76	20.75	20.78	22.50	
		25	25	20.78	20.83	20.76	22.50	
		50	0	20.85	20.84	20.79	22.50	
		1	0	20.92	20.73	20.76	22.50	
		1	25	20.82	20.85	20.87	22.50	
		1	49	20.81	20.76	20.82	22.50	
		25	0	20.81	20.82	20.84	22.50	
		25	13	20.73	20.78	20.87	22.50	
		25	25	20.72	20.78	20.70	22.50	
	50	0	20.80	20.81	20.77	22.50		
	64QAM	1	0	20.83	20.85	20.82	22.50	
		1	25	20.74	20.86	20.80	22.50	
		1	49	20.80	20.74	20.71	22.50	
		25	0	20.80	20.85	20.74	22.50	
		25	13	20.85	20.86	20.76	22.50	
		25	25	20.84	20.72	20.80	22.50	
	256QAM	50	0	20.70	20.79	20.85	22.50	
		1	0	19.00	18.95	18.97	20.50	
		1	25	19.01	19.02	18.93	20.50	
		1	49	19.03	18.97	18.98	20.50	
		25	0	18.93	19.02	18.97	20.50	
		25	13	18.98	18.95	18.95	20.50	
		25	25	18.96	18.99	18.93	20.50	
	50	0	19.03	19.03	19.02	20.50		
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					37825	38000	38175	
	15MHz	QPSK	1	0	20.84	20.75	20.79	22.50
1			38	20.74	20.74	20.73	22.50	
1			74	20.75	20.86	20.78	22.50	
36			0	20.74	20.87	20.71	22.50	
36			18	20.86	20.77	20.78	22.50	
36			39	20.77	20.78	20.73	22.50	
75			0	20.84	20.85	20.72	22.50	
16QAM		1	0	20.88	20.72	20.79	22.50	
		1	38	20.78	20.87	20.86	22.50	
		1	74	20.80	20.83	20.85	22.50	
		36	0	20.74	20.76	20.79	22.50	
		36	18	20.75	20.87	20.83	22.50	
		36	39	20.75	20.73	20.70	22.50	
64QAM		75	0	20.79	20.83	20.78	22.50	
		1	0	20.81	20.83	20.86	22.50	
		1	38	20.84	20.78	20.84	22.50	
		1	74	20.77	20.77	20.72	22.50	
		36	0	20.79	20.95	20.73	22.50	
		36	18	20.82	20.95	20.70	22.50	
		36	39	20.83	20.80	20.79	22.50	
256QAM		75	0	20.69	20.78	20.84	22.50	
		1	0	18.93	18.96	18.93	20.50	
		1	38	19.00	19.01	18.93	20.50	
			1	74	18.96	18.99	18.97	20.50

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				37850	38000	38150		
20MHz	QPSK	36	0	18.99	18.95	18.92	20.50	
		36	18	18.98	18.97	19.00	20.50	
		36	39	18.99	18.93	19.00	20.50	
		75	0	18.96	18.97	18.99	20.50	
	16QAM	16QAM	1	0	20.81	20.98	20.84	22.50
			1	50	20.70	20.77	20.76	22.50
			1	99	20.66	20.81	20.83	22.50
			50	0	20.76	20.87	20.78	22.50
			50	25	20.83	20.82	20.85	22.50
			50	50	20.78	20.78	20.82	22.50
	64QAM	64QAM	100	0	20.86	20.88	20.71	22.50
			1	0	20.90	20.76	20.82	22.50
			1	50	20.83	20.88	20.86	22.50
			1	99	20.85	20.77	20.87	22.50
			50	0	20.83	20.75	20.77	22.50
			50	25	20.73	20.84	20.85	22.50
	256QAM	256QAM	50	50	20.68	20.71	20.75	22.50
			100	0	20.77	20.82	20.77	22.50
			1	0	20.85	20.87	20.80	22.50
			1	50	20.80	20.82	20.77	22.50
			1	99	20.79	20.75	20.69	22.50
			50	0	20.82	20.86	20.77	22.50
	256QAM	256QAM	50	25	20.81	20.94	20.67	22.50
			50	50	20.81	20.78	20.83	22.50
			100	0	20.76	20.82	20.80	22.50
			1	0	18.98	18.92	18.96	20.50
			1	50	19.02	19.01	18.92	20.50
			1	99	18.99	19.02	18.98	20.50
256QAM	256QAM	50	0	18.96	18.94	19.02	20.50	
		50	25	18.97	18.93	18.96	20.50	
		50	50	18.96	18.92	19.00	20.50	
		100	0	19.00	19.01	18.92	20.50	

LTE Band 38 Default&DSI4				Conducted Power(dBm)				
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				37775	38000	38225		
5MHz	QPSK	1	0	23.60	23.55	23.71	25.50	
		1	13	23.65	23.63	23.63	25.50	
		1	24	23.62	23.59	23.65	25.50	
		12	0	22.59	22.67	22.60	24.50	
		12	6	22.71	22.71	22.65	24.50	
		12	13	22.69	22.79	22.73	24.50	
	16QAM	16QAM	25	0	22.61	22.73	22.67	24.50
			1	0	22.69	22.78	22.74	24.50
			1	13	22.64	22.70	22.80	24.50
			1	24	22.84	22.71	22.66	24.50
			12	0	21.83	21.80	21.72	23.50

	64QAM	12	6	21.89	21.79	21.81	23.50
		12	13	21.84	21.82	21.69	23.50
		25	0	21.76	21.83	21.94	23.50
		1	0	21.73	21.76	21.87	23.50
		1	13	21.83	21.85	21.80	23.50
		1	24	21.84	21.87	21.74	23.50
		12	0	20.78	20.87	20.92	22.50
		12	6	21.02	20.84	20.88	22.50
		12	13	20.95	20.92	20.87	22.50
	25	0	20.88	20.79	20.91	22.50	
	256QAM	1	0	19.03	19.15	19.13	20.50
		1	13	19.00	19.00	19.11	20.50
		1	24	19.02	19.13	19.31	20.50
		12	0	19.13	19.23	18.95	20.50
		12	6	19.08	19.11	19.04	20.50
12		13	19.01	19.09	19.14	20.50	
25	0	19.21	18.98	19.22	20.50		
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37800	38000	38200	
10MHz	QPSK	1	0	23.66	23.58	23.67	25.50
		1	25	23.62	23.71	23.56	25.50
		1	49	23.57	23.57	23.57	25.50
		25	0	22.61	22.63	22.61	24.50
		25	13	22.67	22.72	22.66	24.50
		25	25	22.69	22.83	22.69	24.50
		50	0	22.56	22.73	22.67	24.50
	16QAM	1	0	22.63	22.77	22.75	24.50
		1	25	22.69	22.72	22.85	24.50
		1	49	22.83	22.75	22.65	24.50
		25	0	21.78	21.76	21.72	23.50
		25	13	21.86	21.84	21.83	23.50
		25	25	21.79	21.79	21.72	23.50
	50	0	21.77	21.93	21.93	23.50	
	64QAM	1	0	21.77	21.78	21.87	23.50
		1	25	21.88	21.90	21.73	23.50
		1	49	21.77	21.87	21.78	23.50
		25	0	20.86	20.95	20.87	22.50
		25	13	20.96	20.81	20.89	22.50
		25	25	20.96	20.88	20.92	22.50
	50	0	20.83	20.78	20.85	22.50	
	256QAM	1	0	18.95	19.15	19.12	20.50
		1	25	18.94	19.05	19.04	20.50
		1	49	19.01	19.17	19.26	20.50
		25	0	19.12	19.19	18.86	20.50
		25	13	19.07	19.09	19.09	20.50
		25	25	18.94	19.09	19.11	20.50
50	0	19.18	18.93	19.27	20.50		
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37825	38000	38175	
15MHz	QPSK	1	0	23.62	23.57	23.70	25.50
		1	38	23.65	23.66	23.61	25.50

		1	74	23.60	23.62	23.58	25.50	
		36	0	22.61	22.67	22.60	24.50	
		36	18	22.64	22.71	22.67	24.50	
		36	39	22.61	22.78	22.74	24.50	
		75	0	22.53	22.71	22.59	24.50	
	16QAM	1	0	22.66	22.83	22.69	24.50	
		1	38	22.62	22.70	22.79	24.50	
		1	74	22.81	22.74	22.66	24.50	
		36	0	21.84	21.77	21.72	23.50	
		36	18	21.88	21.80	21.87	23.50	
		36	39	21.86	21.84	21.73	23.50	
	64QAM	75	0	21.75	21.87	21.86	23.50	
		1	0	21.74	21.85	21.89	23.50	
		1	38	21.88	21.92	21.74	23.50	
		1	74	21.84	21.79	21.79	23.50	
		36	0	20.80	20.92	20.86	22.50	
		36	18	20.93	20.85	20.90	22.50	
		36	39	20.90	20.92	20.83	22.50	
	256QAM	75	0	20.84	20.73	20.91	22.50	
		1	0	18.98	19.18	19.09	20.50	
		1	38	18.97	19.02	19.03	20.50	
		1	74	19.09	19.10	19.28	20.50	
		36	0	19.15	19.28	18.91	20.50	
		36	18	19.07	19.13	19.11	20.50	
		36	39	18.93	19.05	19.12	20.50	
	75	0	19.18	18.91	19.26	20.50		
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					37850	38000	38150	
20MHz	QPSK	1	0	23.57	23.84	23.76	25.50	
		1	50	23.62	23.64	23.60	25.50	
		1	99	23.61	23.55	23.64	25.50	
		50	0	22.61	22.85	22.54	24.50	
		50	25	22.68	22.66	22.73	24.50	
		50	50	22.63	22.83	22.72	24.50	
		100	0	22.56	22.75	22.61	24.50	
	16QAM	1	0	22.62	22.73	22.72	24.50	
		1	50	22.69	22.73	22.83	24.50	
		1	99	22.81	22.75	22.70	24.50	
		50	0	21.85	21.82	21.69	23.50	
		50	25	21.90	21.76	21.83	23.50	
		50	50	21.82	21.83	21.76	23.50	
		100	0	21.83	21.90	21.91	23.50	
	64QAM	1	0	21.76	21.77	21.81	23.50	
		1	50	21.86	21.86	21.71	23.50	
		1	99	21.86	21.80	21.83	23.50	
		50	0	20.87	20.94	20.93	22.50	
		50	25	20.94	20.82	20.84	22.50	
		50	50	20.94	20.86	20.87	22.50	
		100	0	20.85	20.74	20.89	22.50	
	256QAM	1	0	18.98	19.22	19.15	20.50	
		1	50	19.04	19.06	19.09	20.50	



		1	99	19.09	19.11	19.30	20.50
		50	0	19.14	19.28	18.86	20.50
		50	25	19.02	19.15	19.02	20.50
		50	50	18.96	19.09	19.15	20.50
		100	0	19.20	18.97	19.28	20.50

LTE Band 38 DSI1&5 ENDC				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37775	38000	38225	
5MHz	QPSK	1	0	16.76	16.87	16.73	17.90
		1	13	16.55	16.68	16.61	17.90
		1	24	16.69	16.61	16.69	17.90
		12	0	16.71	16.74	16.78	17.90
		12	6	16.75	16.57	16.67	17.90
		12	13	16.62	16.74	16.62	17.90
		25	0	16.69	16.78	16.72	17.90
	16QAM	1	0	16.70	16.71	16.68	17.90
		1	13	16.68	16.72	16.81	17.90
		1	24	16.54	16.75	16.61	17.90
		12	0	16.68	16.71	16.77	17.90
		12	6	16.57	16.84	16.62	17.90
		12	13	16.52	16.67	16.83	17.90
		25	0	16.61	16.80	16.64	17.90
	64QAM	1	0	16.57	16.58	16.68	17.90
		1	13	16.78	16.83	16.55	17.90
		1	24	16.70	16.80	16.68	17.90
		12	0	16.67	16.76	16.73	17.90
		12	6	16.59	16.67	16.69	17.90
		12	13	16.59	16.83	16.79	17.90
		25	0	16.69	16.78	16.58	17.90
	256QAM	1	0	16.77	16.72	16.59	17.90
		1	13	16.63	16.76	16.64	17.90
		1	24	16.62	16.75	16.61	17.90
12		0	16.58	16.64	16.67	17.90	
12		6	16.66	16.88	16.63	17.90	
12		13	16.64	16.70	16.69	17.90	
25		0	16.67	16.78	16.55	17.90	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
10MHz	QPSK			37800	38000	38200	
		1	0	16.84	16.90	16.82	17.90
		1	25	16.67	16.69	16.50	17.90
		1	49	16.78	16.73	16.68	17.90
		25	0	16.66	16.72	16.70	17.90
		25	13	16.78	16.63	16.71	17.90
		25	25	16.64	16.82	16.52	17.90
	50	0	16.70	16.69	16.56	17.90	
	16QAM	1	0	16.78	16.71	16.67	17.90
		1	25	16.56	16.82	16.70	17.90

		1	49	16.55	16.84	16.67	17.90	
		25	0	16.62	16.77	16.71	17.90	
		25	13	16.72	16.84	16.67	17.90	
		25	25	16.62	16.75	16.79	17.90	
		50	0	16.67	16.80	16.64	17.90	
	64QAM	1	0	16.62	16.64	16.69	17.90	
		1	25	16.70	16.79	16.68	17.90	
		1	49	16.64	16.82	16.63	17.90	
		25	0	16.67	16.84	16.71	17.90	
		25	13	16.59	16.63	16.75	17.90	
		25	25	16.59	16.74	16.72	17.90	
	256QAM	50	0	16.58	16.87	16.67	17.90	
		1	0	16.79	16.73	16.59	17.90	
		1	25	16.68	16.67	16.69	17.90	
		1	49	16.65	16.68	16.65	17.90	
		25	0	16.63	16.76	16.66	17.90	
		25	13	16.64	16.87	16.70	17.90	
		25	25	16.71	16.75	16.66	17.90	
50	0	16.78	16.69	16.64	17.90			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				37825	38000	38175		
15MHz	QPSK	1	0	16.69	16.92	16.86	17.90	
		1	38	16.57	16.79	16.67	17.90	
		1	74	16.75	16.62	16.58	17.90	
		36	0	16.75	16.77	16.72	17.90	
		36	18	16.76	16.66	16.80	17.90	
		36	39	16.64	16.71	16.68	17.90	
		75	0	16.58	16.61	16.69	17.90	
	16QAM	1	0	16.70	16.69	16.59	17.90	
		1	38	16.54	16.85	16.86	17.90	
		1	74	16.57	16.83	16.69	17.90	
		36	0	16.61	16.73	16.69	17.90	
		36	18	16.62	16.70	16.68	17.90	
		36	39	16.57	16.62	16.70	17.90	
		75	0	16.56	16.73	16.71	17.90	
	64QAM	1	0	16.51	16.73	16.54	17.90	
		1	38	16.71	16.90	16.60	17.90	
		1	74	16.72	16.80	16.68	17.90	
		36	0	16.62	16.81	16.75	17.90	
		36	18	16.66	16.73	16.81	17.90	
		36	39	16.68	16.76	16.79	17.90	
		75	0	16.58	16.88	16.57	17.90	
	256QAM	1	0	16.81	16.77	16.56	17.90	
		1	38	16.63	16.69	16.54	17.90	
		1	74	16.65	16.57	16.60	17.90	
		36	0	16.66	16.72	16.80	17.90	
		36	18	16.60	16.85	16.72	17.90	
		36	39	16.64	16.82	16.67	17.90	
		75	0	16.67	16.74	16.55	17.90	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					37850	38000	38150	

20MHz	QPSK	1	0	16.86	16.94	16.88	17.90
		1	50	16.71	16.83	16.68	17.90
		1	99	16.81	16.75	16.70	17.90
		50	0	16.77	16.91	16.81	17.90
		50	25	16.78	16.75	16.86	17.90
		50	50	16.79	16.89	16.72	17.90
		100	0	16.73	16.80	16.73	17.90
	16QAM	1	0	16.80	16.87	16.72	17.90
		1	50	16.70	16.85	16.87	17.90
		1	99	16.69	16.91	16.77	17.90
		50	0	16.75	16.85	16.83	17.90
		50	25	16.72	16.90	16.75	17.90
		50	50	16.68	16.80	16.85	17.90
		100	0	16.71	16.90	16.78	17.90
	64QAM	1	0	16.70	16.78	16.73	17.90
		1	50	16.83	16.92	16.75	17.90
		1	99	16.77	16.91	16.70	17.90
		50	0	16.77	16.88	16.81	17.90
		50	25	16.73	16.81	16.87	17.90
		50	50	16.76	16.84	16.84	17.90
		100	0	16.75	16.91	16.70	17.90
	256QAM	1	0	16.82	16.88	16.73	17.90
		1	50	16.78	16.84	16.69	17.90
		1	99	16.76	16.75	16.74	17.90
		50	0	16.67	16.79	16.84	17.90
		50	25	16.74	16.91	16.73	17.90
		50	50	16.79	16.85	16.78	17.90
		100	0	16.81	16.85	16.73	17.90

LTE Band 38 DS13 ENDC				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37775	38000	38225	
5MHz	QPSK	1	0	18.58	18.68	18.80	19.90
		1	13	18.47	18.64	18.62	19.90
		1	24	18.38	18.48	18.54	19.90
		12	0	18.38	18.62	18.74	19.90
		12	6	18.58	18.54	18.66	19.90
		12	13	18.34	18.51	18.72	19.90
		25	0	18.52	18.77	18.61	19.90
	16QAM	1	0	18.41	18.59	18.52	19.90
		1	13	18.45	18.75	18.57	19.90



		1	24	18.55	18.67	18.66	19.90			
		12	0	18.54	18.75	18.53	19.90			
		12	6	18.69	18.66	18.49	19.90			
		12	13	18.42	18.56	18.73	19.90			
		25	0	18.50	18.68	18.71	19.90			
	64QAM	1	0	18.40	18.64	18.47	19.90			
		1	13	18.33	18.63	18.56	19.90			
		1	24	18.44	18.70	18.68	19.90			
		12	0	18.56	18.75	18.77	19.90			
		12	6	18.63	18.71	18.57	19.90			
	256QAM	12	13	18.64	18.73	18.39	19.90			
		25	0	18.57	18.50	18.63	19.90			
		1	0	16.57	16.72	16.54	17.90			
		1	13	16.58	16.65	16.73	17.90			
		1	24	16.51	16.72	16.56	17.90			
	10MHz	QPSK	12	0	16.66	16.71	16.61	17.90		
			12	6	16.50	16.50	16.54	17.90		
			12	13	16.59	16.59	16.73	17.90		
			25	0	16.46	16.69	16.61	17.90		
	16QAM		1	0	18.71	18.84	18.77	19.90		
			1	25	18.37	18.60	18.65	19.90		
1			49	18.45	18.72	18.39	19.90			
25		0	18.44	18.73	18.75	19.90				
25		13	18.46	18.69	18.65	19.90				
25		25	18.35	18.70	18.75	19.90				
64QAM	50	0	18.41	18.74	18.61	19.90				
	1	0	18.45	18.72	18.51	19.90				
	1	25	18.47	18.60	18.70	19.90				
	1	49	18.57	18.71	18.60	19.90				
	25	0	18.61	18.72	18.69	19.90				
	25	13	18.56	18.60	18.52	19.90				
256QAM	25	25	18.48	18.57	18.74	19.90				
	50	0	18.39	18.76	18.74	19.90				
	1	0	18.46	18.77	18.58	19.90				
	1	25	18.57	18.66	18.58	19.90				
	1	49	18.37	18.64	18.70	19.90				
	25	0	18.48	18.60	18.76	19.90				
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up			
				37800	38000	38200				
				1	0	16.49		16.77	16.51	17.90
				1	25	16.60		16.70	16.58	17.90
				1	49	16.48		16.75	16.50	17.90
				25	0	16.50		16.71	16.54	17.90
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up			
				37825	38000	38175				
				25	13	16.44		16.60	16.75	17.90
				25	25	16.63		16.62	16.63	17.90
				50	0	16.36		16.64	16.60	17.90

15MHz	QPSK	1	0	18.73	18.82	18.73	19.90
		1	38	18.34	18.55	18.54	19.90
		1	74	18.41	18.56	18.46	19.90
		36	0	18.45	18.67	18.59	19.90
		36	18	18.44	18.71	18.70	19.90
		36	39	18.52	18.48	18.65	19.90
		75	0	18.50	18.59	18.53	19.90
	16QAM	1	0	18.38	18.68	18.44	19.90
		1	38	18.49	18.68	18.73	19.90
		1	74	18.69	18.69	18.63	19.90
		36	0	18.62	18.70	18.63	19.90
		36	18	18.66	18.51	18.63	19.90
		36	39	18.46	18.56	18.57	19.90
		75	0	18.47	18.57	18.71	19.90
	64QAM	1	0	18.56	18.65	18.59	19.90
		1	38	18.50	18.77	18.59	19.90
		1	74	18.41	18.74	18.65	19.90
		36	0	18.45	18.79	18.57	19.90
		36	18	18.67	18.65	18.46	19.90
		36	39	18.67	18.81	18.44	19.90
		75	0	18.39	18.72	18.75	19.90
	256QAM	1	0	16.52	16.76	16.62	17.90
		1	38	16.48	16.75	16.65	17.90
		1	74	16.56	16.65	16.55	17.90
		36	0	16.65	16.67	16.65	17.90
		36	18	16.42	16.57	16.68	17.90
		36	39	16.60	16.75	16.79	17.90
		75	0	16.40	16.48	16.51	17.90
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37850	38000	38150	
20MHz	QPSK	1	0	18.74	18.88	18.82	19.90
		1	50	18.57	18.73	18.75	19.90
		1	99	18.60	18.73	18.63	19.90
		50	0	18.61	18.84	18.77	19.90
		50	25	18.67	18.77	18.78	19.90
		50	50	18.56	18.71	18.80	19.90
		100	0	18.65	18.81	18.71	19.90
	16QAM	1	0	18.62	18.76	18.65	19.90
		1	50	18.66	18.75	18.77	19.90
		1	99	18.73	18.87	18.75	19.90
		50	0	18.64	18.76	18.78	19.90
		50	25	18.73	18.75	18.70	19.90
		50	50	18.67	18.78	18.78	19.90
		100	0	18.58	18.80	18.75	19.90
	64QAM	1	0	18.62	18.81	18.67	19.90
		1	50	18.57	18.78	18.67	19.90
		1	99	18.54	18.82	18.79	19.90
		50	0	18.58	18.79	18.80	19.90
		50	25	18.69	18.73	18.66	19.90
		50	50	18.70	18.84	18.64	19.90
		100	0	18.59	18.75	18.79	19.90



	256QAM	1	0	16.58	16.83	16.69	17.90
		1	50	16.62	16.87	16.76	17.90
		1	99	16.72	16.87	16.73	17.90
		50	0	16.73	16.76	16.70	17.90
		50	25	16.62	16.74	16.77	17.90
		50	50	16.71	16.82	16.81	17.90
		100	0	16.56	16.72	16.68	17.90

LTE Band 38 Default&DSI4 ENDC				Conducted Power(dBm)				
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				37775	38000	38225		
5MHz	QPSK	1	0	21.84	21.68	21.80	22.90	
		1	13	21.65	21.71	21.74	22.90	
		1	24	21.69	21.59	21.66	22.90	
		12	0	20.78	20.58	20.57	21.90	
		12	6	20.61	20.61	20.77	21.90	
		12	13	20.63	20.66	20.82	21.90	
		25	0	20.56	20.77	20.56	21.90	
	16QAM	1	0	20.48	20.62	20.73	21.90	
		1	13	20.62	20.71	20.73	21.90	
		1	24	20.61	20.73	20.58	21.90	
		12	0	19.79	19.70	19.72	20.90	
		12	6	19.55	19.90	19.61	20.90	
		12	13	19.65	19.61	19.65	20.90	
		25	0	19.48	19.79	19.63	20.90	
	64QAM	1	0	19.61	19.70	19.77	20.90	
		1	13	19.75	19.67	19.58	20.90	
		1	24	19.50	19.77	19.66	20.90	
		12	0	18.79	18.81	18.65	19.90	
		12	6	18.86	18.81	18.62	19.90	
		12	13	18.75	18.54	18.55	19.90	
		25	0	18.62	18.83	18.72	19.90	
	256QAM	1	0	16.81	16.59	16.60	17.90	
		1	13	16.70	16.64	16.71	17.90	
		1	24	16.60	16.84	16.71	17.90	
		12	0	16.57	16.65	16.67	17.90	
		12	6	16.68	16.55	16.74	17.90	
		12	13	16.77	16.84	16.78	17.90	
		25	0	16.71	16.53	16.63	17.90	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
	10MHz	QPSK	1	0	21.69	21.86	21.76	22.90
1			25	21.79	21.76	21.79	22.90	
1			49	21.83	21.69	21.55	22.90	
25			0	20.76	20.58	20.63	21.90	
25			13	20.69	20.67	20.65	21.90	
25			25	20.69	20.72	20.71	21.90	
50			0	20.55	20.74	20.52	21.90	
16QAM		1	0	20.63	20.84	20.68	21.90	
					37800	38000	38200	

		1	25	20.47	20.80	20.76	21.90		
		1	49	20.64	20.87	20.67	21.90		
		25	0	19.78	19.73	19.60	20.90		
		25	13	19.73	19.74	19.56	20.90		
		25	25	19.68	19.52	19.65	20.90		
		50	0	19.68	19.67	19.69	20.90		
	64QAM	1	0	19.57	19.62	19.62	20.90		
		1	25	19.66	19.73	19.73	20.90		
		1	49	19.51	19.87	19.69	20.90		
		25	0	18.65	18.65	18.68	19.90		
		25	13	18.74	18.62	18.79	19.90		
		25	25	18.78	18.52	18.48	19.90		
	256QAM	50	0	18.71	18.83	18.64	19.90		
		1	0	16.84	16.73	16.75	17.90		
		1	25	16.53	16.59	16.76	17.90		
		1	49	16.77	16.78	16.79	17.90		
		25	0	16.54	16.80	16.66	17.90		
		25	13	16.54	16.61	16.65	17.90		
		25	25	16.72	16.83	16.74	17.90		
		50	0	16.72	16.60	16.70	17.90		
		Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
						37825	38000	38175	
15MHz	QPSK	1	0	21.64	21.77	21.87	22.90		
		1	38	21.68	21.75	21.82	22.90		
		1	74	21.63	21.61	21.67	22.90		
		36	0	20.65	20.55	20.60	21.90		
		36	18	20.60	20.61	20.60	21.90		
		36	39	20.75	20.74	20.89	21.90		
		75	0	20.75	20.69	20.65	21.90		
	16QAM	1	0	20.63	20.66	20.60	21.90		
		1	38	20.68	20.92	20.75	21.90		
		1	74	20.56	20.92	20.65	21.90		
		36	0	19.82	19.87	19.78	20.90		
		36	18	19.70	19.76	19.79	20.90		
		36	39	19.62	19.72	19.66	20.90		
		75	0	19.53	19.66	19.58	20.90		
	64QAM	1	0	19.80	19.61	19.76	20.90		
		1	38	19.73	19.70	19.68	20.90		
		1	74	19.52	19.69	19.81	20.90		
		36	0	18.71	18.65	18.76	19.90		
		36	18	18.77	18.79	18.63	19.90		
		36	39	18.73	18.68	18.67	19.90		
		75	0	18.68	18.85	18.79	19.90		
	256QAM	1	0	16.77	16.63	16.58	17.90		
		1	38	16.70	16.62	16.60	17.90		
		1	74	16.73	16.65	16.80	17.90		
		36	0	16.60	16.77	16.68	17.90		
		36	18	16.56	16.65	16.67	17.90		
		36	39	16.61	16.71	16.70	17.90		
		75	0	16.62	16.65	16.72	17.90		
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	

				37850	38000	38150	
20MHz	QPSK	1	0	21.88	21.93	21.90	22.90
		1	50	21.87	21.81	21.83	22.90
		1	99	21.87	21.74	21.72	22.90
		50	0	20.85	20.78	20.78	21.90
		50	25	20.84	20.85	20.82	21.90
		50	50	20.81	20.89	20.89	21.90
		100	0	20.77	20.80	20.77	21.90
	16QAM	1	0	20.69	20.86	20.74	21.90
		1	50	20.69	20.93	20.80	21.90
		1	99	20.72	20.92	20.75	21.90
		50	0	19.83	19.89	19.78	20.90
		50	25	19.79	19.93	19.80	20.90
		50	50	19.71	19.77	19.81	20.90
		100	0	19.71	19.82	19.72	20.90
	64QAM	1	0	19.81	19.76	19.81	20.90
		1	50	19.85	19.79	19.76	20.90
		1	99	19.71	19.91	19.89	20.90
		50	0	18.83	18.84	18.84	19.90
		50	25	18.87	18.87	18.83	19.90
		50	50	18.82	18.77	18.71	19.90
		100	0	18.76	18.87	18.87	19.90
	256QAM	1	0	16.88	16.79	16.79	17.90
		1	50	16.72	16.76	16.82	17.90
		1	99	16.78	16.85	16.87	17.90
		50	0	16.71	16.87	16.87	17.90
		50	25	16.77	16.74	16.86	17.90
		50	50	16.85	16.84	16.84	17.90
		100	0	16.75	16.77	16.84	17.90

LTE Band 41 DSI1&5				Conducted Power(dBm)					
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39675	40148	40620	41093	41565	
5MHz	QPSK	1	0	19.44	19.46	19.40	19.47	19.47	20.50
		1	13	19.41	19.43	19.40	19.41	19.35	20.50
		1	24	19.45	19.45	19.47	19.37	19.44	20.50
		12	0	19.43	19.44	19.44	19.44	19.41	20.50
		12	6	19.47	19.35	19.42	19.41	19.46	20.50
		12	13	19.47	19.46	19.42	19.43	19.42	20.50
		25	0	19.49	19.43	19.41	19.40	19.43	20.50
	16QAM	1	0	19.43	19.42	19.51	19.47	19.41	20.50
		1	13	19.44	19.48	19.42	19.44	19.41	20.50
		1	24	19.40	19.47	19.46	19.50	19.45	20.50
		12	0	19.38	19.35	19.45	19.40	19.41	20.50
		12	6	19.42	19.36	19.42	19.42	19.47	20.50
		12	13	19.39	19.39	19.44	19.36	19.50	20.50
		25	0	19.44	19.43	19.37	19.44	19.42	20.50
	64QAM	1	0	19.43	19.51	19.42	19.44	19.45	20.50
		1	13	19.39	19.32	19.48	19.34	19.42	20.50

		1	24	19.44	19.42	19.35	19.44	19.39	20.50		
		12	0	19.42	19.43	19.42	19.52	19.46	20.50		
		12	6	19.37	19.48	19.46	19.51	19.48	20.50		
		12	13	19.46	19.42	19.52	19.43	19.39	20.50		
		25	0	19.53	19.48	19.44	19.41	19.43	20.50		
	256QAM	1	0	19.20	19.12	19.17	19.15	19.12	20.00		
		1	13	19.18	19.19	19.22	19.22	19.21	20.00		
		1	24	19.15	19.12	19.17	19.16	19.16	20.00		
		12	0	19.16	19.17	19.21	19.18	19.17	20.00		
		12	6	19.15	19.14	19.18	19.15	19.15	20.00		
		12	13	19.23	19.17	19.19	19.19	19.18	20.00		
		25	0	19.12	19.20	19.22	19.12	19.17	20.00		
		Bandwidth	Modulation	RB size	RB offset	Channel 39700	Channel 40160	Channel 40620	Channel 41080	Channel 41540	Tune up
		10MHz	QPSK	1	0	19.43	19.45	19.36	19.50	19.37	20.50
				1	25	19.36	19.38	19.41	19.40	19.43	20.50
	1			49	19.46	19.45	19.45	19.43	19.51	20.50	
	25			0	19.44	19.49	19.42	19.46	19.44	20.50	
	25			13	19.48	19.38	19.47	19.41	19.44	20.50	
	25			25	19.48	19.46	19.45	19.42	19.43	20.50	
	16QAM		50	0	19.43	19.47	19.47	19.46	19.48	20.50	
1			0	19.43	19.39	19.42	19.46	19.48	20.50		
1			25	19.43	19.45	19.39	19.47	19.38	20.50		
1			49	19.38	19.46	19.44	19.50	19.41	20.50		
25		0	19.41	19.33	19.41	19.41	19.45	20.50			
25		13	19.46	19.40	19.46	19.36	19.38	20.50			
64QAM	25	25	19.47	19.41	19.45	19.42	19.48	20.50			
	50	0	19.41	19.47	19.39	19.41	19.43	20.50			
	1	0	19.45	19.43	19.45	19.43	19.38	20.50			
	1	25	19.47	19.39	19.47	19.41	19.41	20.50			
	1	49	19.36	19.38	19.42	19.44	19.42	20.50			
	25	0	19.43	19.45	19.40	19.49	19.43	20.50			
256QAM	25	13	19.37	19.42	19.44	19.42	19.48	20.50			
	25	25	19.50	19.46	19.42	19.39	19.48	20.50			
	50	0	19.50	19.47	19.44	19.39	19.43	20.50			
	1	0	19.21	19.17	19.13	19.22	19.17	20.00			
	1	25	19.15	19.16	19.22	19.19	19.14	20.00			
	1	49	19.12	19.16	19.23	19.16	19.15	20.00			
		25	0	19.20	19.15	19.20	19.20	19.18	20.00		
		25	13	19.21	19.21	19.19	19.15	19.21	20.00		
		25	25	19.13	19.14	19.19	19.16	19.14	20.00		
		50	0	19.21	19.17	19.19	19.16	19.14	20.00		
		Bandwidth	Modulation	RB size	RB offset	Channel 39725	Channel 40173	Channel 40620	Channel 41068	Channel 41515	Tune up
	15MHz	QPSK	1	0	19.47	19.51	19.44	19.53	19.42	20.50	
			1	38	19.38	19.41	19.35	19.37	19.38	20.50	
			1	74	19.45	19.45	19.44	19.41	19.50	20.50	
			36	0	19.42	19.41	19.43	19.50	19.42	20.50	
			36	18	19.45	19.40	19.44	19.38	19.44	20.50	
36			39	19.42	19.40	19.50	19.46	19.41	20.50		
75	0	19.43	19.38	19.48	19.45	19.44	20.50				

	16QAM	1	0	19.43	19.42	19.43	19.48	19.46	20.50	
		1	38	19.39	19.42	19.46	19.46	19.40	20.50	
		1	74	19.47	19.47	19.41	19.48	19.38	20.50	
		36	0	19.34	19.42	19.40	19.39	19.40	20.50	
		36	18	19.44	19.37	19.47	19.45	19.42	20.50	
		36	39	19.39	19.44	19.40	19.44	19.46	20.50	
	64QAM	75	0	19.45	19.38	19.46	19.48	19.43	20.50	
		1	0	19.48	19.49	19.51	19.50	19.39	20.50	
		1	38	19.40	19.37	19.45	19.35	19.47	20.50	
		1	74	19.41	19.41	19.38	19.37	19.41	20.50	
		36	0	19.48	19.50	19.47	19.50	19.35	20.50	
		36	18	19.43	19.46	19.45	19.51	19.46	20.50	
	256QAM	36	39	19.47	19.40	19.45	19.36	19.48	20.50	
		75	0	19.48	19.48	19.50	19.43	19.50	20.50	
		1	0	19.19	19.18	19.14	19.21	19.21	20.00	
		1	38	19.19	19.18	19.14	19.16	19.18	20.00	
		1	74	19.20	19.15	19.14	19.23	19.23	20.00	
		36	0	19.16	19.15	19.12	19.18	19.23	20.00	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
					39750	40185	40620	41055	41490	
	20MHz	QPSK	1	0	19.71	19.68	19.75	19.66	19.68	20.50
1			50	19.38	19.39	19.44	19.44	19.39	20.50	
1			99	19.46	19.40	19.44	19.37	19.40	20.50	
50			0	19.61	19.61	19.65	19.62	19.62	20.50	
50			25	19.45	19.34	19.43	19.33	19.44	20.50	
50			50	19.43	19.43	19.41	19.43	19.44	20.50	
100			0	19.40	19.42	19.64	19.41	19.45	20.50	
16QAM		1	0	19.52	19.49	19.49	19.43	19.46	20.50	
		1	50	19.42	19.39	19.45	19.50	19.41	20.50	
		1	99	19.46	19.47	19.37	19.46	19.38	20.50	
		50	0	19.37	19.35	19.45	19.44	19.46	20.50	
		50	25	19.45	19.43	19.40	19.44	19.44	20.50	
		50	50	19.41	19.42	19.40	19.42	19.49	20.50	
		100	0	19.37	19.40	19.36	19.47	19.45	20.50	
64QAM		1	0	19.49	19.50	19.52	19.46	19.39	20.50	
		1	50	19.37	19.41	19.47	19.41	19.41	20.50	
		1	99	19.37	19.36	19.43	19.36	19.38	20.50	
		50	0	19.41	19.49	19.46	19.43	19.37	20.50	
		50	25	19.40	19.51	19.44	19.52	19.51	20.50	
		50	50	19.49	19.36	19.49	19.36	19.47	20.50	
		100	0	19.47	19.42	19.52	19.41	19.41	20.50	
256QAM		1	0	19.16	19.19	19.13	19.22	19.19	20.00	
		1	50	19.16	19.15	19.20	19.21	19.17	20.00	
		1	99	19.18	19.18	19.17	19.19	19.21	20.00	
		50	0	19.22	19.21	19.17	19.23	19.14	20.00	
		50	25	19.22	19.23	19.12	19.12	19.21	20.00	
		50	50	19.22	19.15	19.13	19.23	19.19	20.00	
	100	0	19.20	19.18	19.14	19.13	19.13	20.00		

LTE Band 41 DSI3				Conducted Power(dBm)						
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up	
				39675	40148	40620	41093	41565		
5MHz	QPSK	1	0	21.11	21.09	21.08	21.08	21.01	22.50	
		1	13	21.03	21.06	21.01	21.11	21.01	22.50	
		1	24	21.10	21.15	21.11	21.06	21.07	22.50	
		12	0	21.01	21.09	21.10	21.14	21.07	22.50	
		12	6	21.10	21.13	21.11	21.14	21.03	22.50	
		12	13	21.02	21.10	21.07	21.14	21.08	22.50	
	16QAM	25	0	21.10	21.06	21.03	21.05	21.09	22.50	
		1	0	21.09	21.11	21.05	21.06	21.10	22.50	
		1	13	21.09	21.06	21.00	21.13	21.02	22.50	
		1	24	21.05	21.08	21.10	21.06	21.01	22.50	
		12	0	21.09	21.12	21.10	21.14	21.09	22.50	
		12	6	21.10	21.13	21.01	21.08	21.11	22.50	
	64QAM	12	13	21.04	21.06	21.06	21.08	21.10	22.50	
		25	0	21.04	21.05	21.08	21.12	21.06	22.50	
		1	0	21.02	21.05	21.07	21.10	21.04	22.50	
		1	13	21.07	21.11	21.01	21.13	21.09	22.50	
		1	24	21.09	21.15	21.07	21.14	21.10	22.50	
		12	0	21.10	21.08	21.08	21.08	21.07	22.50	
	256QAM	12	6	21.00	21.13	21.09	21.08	21.07	22.50	
		12	13	21.05	21.10	21.02	21.15	21.10	22.50	
		25	0	21.08	21.13	21.03	21.06	21.01	22.50	
		1	0	19.12	19.16	19.12	19.20	19.18	20.50	
		1	13	18.99	19.03	18.95	18.99	19.04	20.50	
		1	24	19.13	19.13	19.12	19.13	19.13	20.50	
	10MHz	QPSK	12	0	19.16	19.16	19.24	19.16	19.23	20.50
			12	6	19.13	19.11	19.11	19.12	19.07	20.50
			12	13	19.08	19.01	18.99	19.05	19.09	20.50
			25	0	18.96	18.92	19.02	18.96	18.98	20.50
1			0	21.03	21.07	21.03	21.06	21.03	22.50	
1			25	21.05	21.07	21.01	21.11	21.02	22.50	
16QAM		1	49	21.01	21.14	21.05	21.06	21.10	22.50	
		25	0	21.01	21.08	21.06	21.15	21.01	22.50	
		25	13	21.04	21.09	21.01	21.10	21.07	22.50	
		25	25	21.06	21.08	21.11	21.13	21.11	22.50	
		50	0	21.01	21.14	21.00	21.11	21.00	22.50	
		1	0	21.10	21.13	21.08	21.07	21.05	22.50	
64QAM	1	25	21.02	21.14	21.04	21.09	21.02	22.50		
	1	49	21.02	21.09	21.00	21.15	21.02	22.50		
	25	0	21.02	21.05	21.04	21.16	21.05	22.50		
	25	13	21.09	21.13	21.01	21.15	21.09	22.50		
	25	25	21.06	21.14	21.01	21.08	21.03	22.50		
	50	0	21.03	21.13	21.10	21.09	21.07	22.50		
		1	0	21.10	21.06	21.05	21.07	21.11	22.50	
		1	25	21.10	21.15	21.02	21.06	21.05	22.50	
		1	49	21.09	21.06	21.09	21.06	21.07	22.50	

	256QAM	25	0	21.04	21.13	21.03	21.14	21.08	22.50
		25	13	21.09	21.07	21.10	21.12	21.04	22.50
		25	25	21.07	21.12	21.05	21.09	21.09	22.50
		50	0	21.08	21.09	21.01	21.15	21.06	22.50
		1	0	19.14	19.17	19.10	19.17	19.19	20.50
		1	25	18.95	18.97	19.02	18.96	19.03	20.50
		1	49	19.14	19.11	19.17	19.14	19.15	20.50
		25	0	19.15	19.23	19.20	19.21	19.21	20.50
		25	13	19.07	19.16	19.12	19.15	19.09	20.50
		25	25	19.10	19.01	19.01	19.02	19.02	20.50
50	0	18.98	18.92	18.98	18.93	18.99	20.50		
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39725	40173	40620	41068	41515	
15MHz	QPSK	1	0	21.09	21.10	21.08	21.13	21.01	22.50
		1	38	21.08	21.10	21.10	21.16	21.07	22.50
		1	74	21.11	21.09	21.10	21.10	21.05	22.50
		36	0	21.03	21.16	21.02	21.06	21.02	22.50
		36	18	21.02	21.11	21.03	21.15	21.07	22.50
		36	39	21.01	21.14	21.08	21.08	21.01	22.50
		75	0	21.03	21.10	21.02	21.09	21.01	22.50
	16QAM	1	0	21.05	21.08	21.10	21.14	21.09	22.50
		1	38	21.04	21.07	21.00	21.09	21.08	22.50
		1	74	21.07	21.13	21.03	21.07	21.03	22.50
		36	0	21.07	21.06	21.07	21.15	21.05	22.50
		36	18	21.10	21.06	21.08	21.12	21.04	22.50
		36	39	21.10	21.13	21.06	21.13	21.06	22.50
	64QAM	75	0	21.04	21.10	21.06	21.06	21.05	22.50
		1	0	21.06	21.11	21.09	21.15	21.04	22.50
		1	38	21.09	21.09	21.08	21.07	21.04	22.50
		1	74	21.00	21.06	21.09	21.08	21.03	22.50
		36	0	21.02	21.07	21.03	21.13	21.06	22.50
		36	18	21.07	21.12	21.09	21.06	21.03	22.50
		36	39	21.03	21.13	21.09	21.10	21.04	22.50
	256QAM	75	0	21.04	21.13	21.02	21.08	21.02	22.50
		1	0	19.16	19.14	19.18	19.18	19.18	20.50
		1	38	18.99	19.01	19.03	19.04	19.04	20.50
		1	74	19.16	19.11	19.18	19.11	19.14	20.50
		36	0	19.25	19.22	19.19	19.23	19.17	20.50
		36	18	19.06	19.14	19.12	19.15	19.14	20.50
		36	39	19.02	19.07	19.00	19.03	19.09	20.50
	75	0	19.01	18.99	18.97	19.02	19.01	20.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39750	40185	40620	41055	41490	
20MHz	QPSK	1	0	21.09	21.11	21.19	21.19	21.14	22.50
		1	50	21.07	21.07	21.11	21.15	21.01	22.50
		1	99	21.04	21.08	21.02	21.08	21.10	22.50
		50	0	21.15	21.15	21.17	21.16	21.14	22.50
		50	25	21.04	21.10	21.05	21.06	21.09	22.50
		50	50	21.10	21.12	21.10	21.14	21.08	22.50
		100	0	21.06	21.14	21.16	21.07	21.06	22.50
	16QAM	1	0	21.07	21.05	21.04	21.13	21.01	22.50

		1	50	21.05	21.06	21.05	21.10	21.02	22.50
		1	99	21.07	21.15	21.11	21.15	21.10	22.50
		50	0	21.08	21.13	21.04	21.11	21.07	22.50
		50	25	21.03	21.13	21.10	21.14	21.01	22.50
		50	50	21.04	21.10	21.09	21.14	21.08	22.50
		100	0	21.05	21.11	21.04	21.10	21.08	22.50
	64QAM	1	0	21.08	21.07	21.10	21.13	21.06	22.50
		1	50	21.10	21.16	21.08	21.12	21.03	22.50
		1	99	21.11	21.13	21.09	21.15	21.01	22.50
		50	0	21.03	21.15	21.02	21.12	21.10	22.50
		50	25	21.08	21.13	21.07	21.09	21.06	22.50
		50	50	21.01	21.14	21.09	21.12	21.10	22.50
	256QAM	100	0	21.03	21.12	21.07	21.06	21.08	22.50
		1	0	19.11	19.10	19.14	19.18	19.13	20.50
		1	50	19.00	18.95	19.02	19.04	19.03	20.50
		1	99	19.14	19.13	19.18	19.20	19.12	20.50
		50	0	19.22	19.19	19.15	19.19	19.25	20.50
		50	25	19.07	19.14	19.14	19.15	19.14	20.50
		50	50	19.00	19.09	19.04	19.06	19.09	20.50
	100	0	18.98	19.01	18.98	18.94	18.92	20.50	

LTE Band 41 Default&DSI4				Conducted Power(dBm)					Tune up
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	
				39675	40148	40620	41093	41565	
5MHz	QPSK	1	0	23.61	23.56	23.65	23.65	23.67	25.50
		1	13	23.58	23.68	23.68	23.69	23.58	25.50
		1	24	23.60	23.57	23.66	23.57	23.60	25.50
		12	0	22.66	22.66	22.67	22.67	22.57	24.50
		12	6	22.69	22.70	22.68	22.75	22.70	24.50
		12	13	22.59	22.72	22.79	22.73	22.69	24.50
		25	0	22.53	22.79	22.76	22.77	22.62	24.50
	16QAM	1	0	22.73	22.83	22.78	22.74	22.73	24.50
		1	13	22.69	22.78	22.80	22.70	22.87	24.50
		1	24	22.81	22.67	22.72	22.69	22.63	24.50
		12	0	21.80	21.76	21.78	21.78	21.79	23.50
		12	6	21.89	21.85	21.76	21.77	21.80	23.50
		12	13	21.86	21.81	21.81	21.87	21.68	23.50
		25	0	21.76	21.91	21.93	21.89	21.94	23.50
	64QAM	1	0	21.75	21.81	21.84	21.81	21.90	23.50
		1	13	21.80	21.86	21.93	21.82	21.77	23.50
		1	24	21.82	21.82	21.77	21.85	21.81	23.50
		12	0	20.85	20.95	20.96	20.90	20.84	22.50
		12	6	20.99	20.80	20.83	20.81	20.86	22.50
		12	13	20.95	20.86	20.86	20.90	20.88	22.50
		25	0	20.86	20.83	20.79	20.80	20.90	22.50
	256QAM	1	0	19.02	19.15	19.15	19.19	19.14	20.50
		1	13	18.93	19.03	19.02	18.96	19.12	20.50
		1	24	19.09	19.16	19.11	19.18	19.30	20.50
		12	0	19.15	19.23	19.22	19.24	18.94	20.50

Bandwidth	Modulation	12	6	19.10	19.12	19.17	19.10	19.09	20.50	
		12	13	18.98	19.03	19.06	19.10	19.11	20.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up	
				39700	40160	40620	41080	41540		
10MHz	QPSK	1	0	23.66	23.58	23.56	23.64	23.66	25.50	
		1	25	23.66	23.63	23.64	23.62	23.56	25.50	
		1	49	23.59	23.62	23.65	23.58	23.55	25.50	
		25	0	22.62	22.61	22.63	22.64	22.61	24.50	
		25	13	22.62	22.73	22.70	22.76	22.70	24.50	
		25	25	22.67	22.74	22.82	22.77	22.67	24.50	
	16QAM	50	0	22.59	22.69	22.78	22.69	22.62	24.50	
		1	0	22.63	22.79	22.75	22.78	22.68	24.50	
		1	25	22.64	22.72	22.78	22.74	22.80	24.50	
		1	49	22.78	22.70	22.68	22.77	22.62	24.50	
		25	0	21.80	21.72	21.79	21.73	21.74	23.50	
		25	13	21.81	21.85	21.77	21.78	21.86	23.50	
	64QAM	25	25	21.82	21.88	21.81	21.83	21.67	23.50	
		50	0	21.82	21.89	21.93	21.92	21.93	23.50	
		1	0	21.82	21.78	21.77	21.78	21.83	23.50	
		1	25	21.89	21.88	21.90	21.88	21.73	23.50	
		1	49	21.78	21.79	21.88	21.79	21.84	23.50	
		25	0	20.87	20.89	20.95	20.97	20.94	22.50	
	256QAM	25	13	20.98	20.79	20.81	20.88	20.88	22.50	
		25	25	20.91	20.94	20.89	20.87	20.85	22.50	
		50	0	20.90	20.75	20.74	20.78	20.85	22.50	
		1	0	18.99	19.20	19.14	19.22	19.15	20.50	
		1	25	19.03	19.02	19.00	18.99	19.05	20.50	
		1	49	19.09	19.20	19.20	19.18	19.35	20.50	
	15MHz	QPSK	25	0	19.07	19.30	19.27	19.23	18.87	20.50
			25	13	19.04	19.16	19.13	19.14	19.03	20.50
			25	25	19.00	19.06	19.14	19.08	19.11	20.50
			50	0	19.18	18.98	19.00	19.00	19.24	20.50
			1	0	23.64	23.57	23.61	23.57	23.67	25.50
			1	38	23.62	23.64	23.64	23.69	23.59	25.50
16QAM		1	74	23.64	23.63	23.55	23.58	23.61	25.50	
		36	0	22.58	22.66	22.66	22.64	22.53	24.50	
		36	18	22.64	22.73	22.67	22.77	22.74	24.50	
		36	39	22.68	22.74	22.80	22.73	22.71	24.50	
		75	0	22.62	22.72	22.79	22.70	22.63	24.50	
		1	0	22.63	22.79	22.80	22.81	22.69	24.50	
64QAM		1	38	22.66	22.76	22.70	22.69	22.86	24.50	
		1	74	22.77	22.73	22.68	22.75	22.63	24.50	
		36	0	21.83	21.75	21.78	21.82	21.68	23.50	
		36	18	21.91	21.78	21.75	21.78	21.80	23.50	
		36	39	21.80	21.78	21.77	21.83	21.66	23.50	
		75	0	21.76	21.88	21.93	21.86	21.94	23.50	
15MHz	64QAM	1	0	21.76	21.76	21.84	21.76	21.82	23.50	
		1	38	21.80	21.89	21.84	21.89	21.73	23.50	

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39750	40185	40620	41055	41490	
20MHz	QPSK	1	0	23.65	23.74	23.81	23.64	23.74	25.50
		1	50	23.59	23.70	23.69	23.67	23.64	25.50
		1	99	23.63	23.61	23.57	23.64	23.58	25.50
		50	0	22.67	22.59	22.87	22.62	22.57	24.50
		50	25	22.61	22.69	22.66	22.67	22.69	24.50
	16QAM	50	50	22.61	22.73	22.75	22.83	22.71	24.50
		100	0	22.53	22.79	22.81	22.75	22.66	24.50
		1	0	22.70	22.79	22.79	22.81	22.70	24.50
		1	50	22.64	22.77	22.73	22.74	22.89	24.50
		1	99	22.78	22.70	22.77	22.68	22.71	24.50
		50	0	21.83	21.82	21.78	21.82	21.76	23.50
	64QAM	50	25	21.84	21.85	21.78	21.81	21.84	23.50
		50	50	21.80	21.77	21.80	21.85	21.74	23.50
		100	0	21.85	21.86	21.92	21.85	21.89	23.50
		1	0	21.81	21.82	21.84	21.83	21.88	23.50
		1	50	21.91	21.87	21.89	21.87	21.78	23.50
		1	99	21.80	21.78	21.78	21.87	21.80	23.50
		50	0	20.88	20.93	20.97	20.91	20.94	22.50
	256QAM	50	25	21.02	20.87	20.87	20.80	20.87	22.50
		50	50	20.92	20.92	20.86	20.87	20.88	22.50
100		0	20.92	20.82	20.79	20.75	20.89	22.50	
1		0	18.93	19.15	19.18	19.23	19.13	20.50	
1		50	18.95	19.00	18.98	18.97	19.12	20.50	
1		99	19.04	19.16	19.13	19.16	19.28	20.50	
50		0	19.13	19.20	19.22	19.21	18.91	20.50	
50	25	19.10	19.12	19.09	19.09	19.08	20.50		
50	50	18.96	19.05	19.09	19.08	19.11	20.50		
100	0	19.23	18.98	18.97	19.01	19.25	20.50		

LTE Band 41 Default&DSi4 ENDC				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	20.96	20.98	21.22	21.12	21.18	22.20
		1	13	20.86	20.96	21.10	20.91	20.94	22.20
		1	24	20.93	20.90	21.02	21.10	20.95	22.20

		12	0	19.85	19.81	20.19	19.93	19.92	21.20
		12	6	19.91	19.85	19.95	19.97	20.14	21.20
		12	13	19.86	19.93	20.00	19.95	19.97	21.20
		25	0	19.83	20.04	20.09	19.99	20.09	21.20
	16QAM	1	0	19.97	19.87	20.06	20.13	20.13	21.20
		1	13	20.01	19.99	20.05	20.07	19.90	21.20
		1	24	20.02	20.00	20.14	19.94	19.99	21.20
		12	0	18.84	19.11	18.93	19.02	18.91	20.20
		12	6	18.85	18.85	18.97	19.05	19.11	20.20
		12	13	18.97	18.85	19.10	19.02	18.99	20.20
		25	0	18.99	19.08	19.05	19.01	19.13	20.20
		25	0	18.82	18.95	19.15	18.99	19.04	20.20
	64QAM	1	13	18.87	18.87	19.12	19.03	18.85	20.20
		1	24	18.81	18.98	18.95	18.87	19.06	20.20
		12	0	17.84	18.07	18.16	17.83	17.91	19.20
		12	6	17.95	17.97	18.01	17.98	18.07	19.20
		12	13	17.95	17.95	18.14	17.86	18.03	19.20
		25	0	18.02	17.86	18.15	17.99	18.11	19.20
		25	0	18.02	17.86	18.15	17.99	18.11	19.20
	256QAM	1	0	15.94	15.86	15.93	16.06	16.15	17.20
		1	13	15.81	15.91	15.97	15.87	16.13	17.20
		1	24	16.03	15.91	16.02	16.00	16.18	17.20
		12	0	15.72	15.99	16.09	15.99	15.97	17.20
		12	6	15.89	15.88	16.02	15.94	16.02	17.20
		12	13	15.95	15.88	16.01	16.03	16.05	17.20
		25	0	15.97	15.99	15.98	15.89	16.08	17.20
		25	0	15.97	15.99	15.98	15.89	16.08	17.20
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel
				39700	40160	40620	41080	41540	
10MHz	QPSK	1	0	21.03	21.06	21.20	21.05	21.13	22.20
		1	25	20.87	21.09	21.09	20.95	20.93	22.20
		1	49	20.91	20.84	21.02	20.97	20.88	22.20
		25	0	19.96	19.90	19.99	19.93	19.95	21.20
		25	13	19.94	19.91	19.99	20.01	20.20	21.20
		25	25	19.87	20.11	20.04	20.07	19.93	21.20
		50	0	19.88	20.01	20.11	19.99	20.00	21.20
	16QAM	1	0	19.81	19.89	20.01	20.03	20.14	21.20
		1	25	20.01	20.08	19.97	19.99	19.86	21.20
		1	49	19.96	19.92	20.15	19.94	20.05	21.20
		25	0	18.75	19.12	19.02	18.91	19.06	20.20
		25	13	18.87	18.98	18.92	18.88	19.15	20.20
		25	25	18.93	18.91	19.06	19.04	19.10	20.20
		50	0	18.83	19.03	19.10	18.96	19.06	20.20
	64QAM	1	0	18.89	18.94	19.04	18.88	19.09	20.20
		1	25	18.83	18.97	19.12	19.12	18.87	20.20
		1	49	18.81	18.93	19.10	19.02	18.90	20.20
		25	0	17.99	17.96	18.19	17.91	18.00	19.20
		25	13	17.94	17.86	18.07	18.07	17.89	19.20
		25	25	17.87	17.89	18.14	17.84	18.01	19.20
		50	0	17.97	17.91	18.19	17.89	17.98	19.20
	256QAM	1	0	15.92	15.87	16.00	15.95	16.17	17.20
		1	25	15.86	15.88	15.96	15.82	16.07	17.20
		1	49	15.96	15.94	16.03	15.99	16.09	17.20

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39725	40173	40620	41068	41515	
		25	0	15.79	16.00	16.08	16.02	16.00	17.20
		25	13	15.92	15.89	15.97	15.96	16.03	17.20
		25	25	15.86	15.88	16.01	16.09	16.18	17.20
		50	0	15.90	16.03	16.00	16.08	16.06	17.20
15MHz	QPSK	1	0	20.91	21.14	21.10	20.97	21.02	22.20
		1	38	20.75	20.95	21.02	21.03	20.92	22.20
		1	74	20.85	20.95	20.88	20.92	20.98	22.20
		36	0	20.00	19.84	20.11	19.89	20.09	21.20
		36	18	19.92	19.93	19.89	19.99	20.13	21.20
		36	39	20.02	20.05	20.17	19.97	19.96	21.20
		75	0	19.94	19.96	20.01	19.91	20.14	21.20
	16QAM	1	0	19.87	20.05	20.08	20.07	20.15	21.20
		1	38	19.97	19.94	20.04	19.97	19.92	21.20
		1	74	19.93	20.01	20.08	20.02	20.11	21.20
		36	0	18.83	18.97	18.93	18.88	18.98	20.20
		36	18	18.89	18.91	19.09	18.90	18.99	20.20
		36	39	18.84	19.03	19.02	18.99	18.97	20.20
		75	0	18.86	19.00	19.17	18.87	19.15	20.20
	64QAM	1	0	18.90	18.98	18.97	18.86	18.95	20.20
		1	38	18.87	19.01	19.19	18.94	19.02	20.20
		1	74	18.95	18.85	18.98	18.99	18.95	20.20
		36	0	17.89	17.95	18.17	17.86	18.01	19.20
		36	18	17.98	17.90	18.03	17.95	17.95	19.20
		36	39	17.94	17.90	18.01	17.97	18.03	19.20
		75	0	18.01	17.96	18.17	17.97	18.08	19.20
	256QAM	1	0	16.00	15.95	16.00	16.07	16.02	17.20
		1	38	15.74	15.87	16.00	15.95	16.02	17.20
		1	74	16.02	15.93	15.95	16.10	16.08	17.20
		36	0	15.73	15.88	16.10	16.02	16.12	17.20
		36	18	15.88	15.85	16.02	16.01	16.05	17.20
		36	39	15.99	15.92	15.99	16.03	16.04	17.20
		75	0	15.98	16.04	16.05	15.89	16.02	17.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39750	40185	40620	41055	41490	
20MHz	QPSK	1	0	21.11	21.16	21.23	21.15	21.21	22.20
		1	50	20.94	21.10	21.12	21.08	21.03	22.20
		1	99	20.93	20.97	21.07	21.11	21.07	22.20
		50	0	20.03	20.00	20.19	19.97	20.10	21.20
		50	25	20.07	20.01	20.05	20.10	20.21	21.20
		50	50	20.04	20.13	20.18	20.09	20.12	21.20
		100	0	19.98	20.09	20.20	20.04	20.17	21.20
	16QAM	1	0	19.97	20.07	20.15	20.14	20.19	21.20
		1	50	20.03	20.13	20.17	20.08	20.05	21.20
		1	99	20.08	20.01	20.15	20.06	20.13	21.20
		50	0	18.93	19.16	19.04	19.03	19.09	20.20
		50	25	19.03	19.02	19.09	19.08	19.18	20.20
		50	50	18.99	19.04	19.19	19.08	19.14	20.20
		100	0	19.03	19.15	19.19	19.04	19.20	20.20
	64QAM	1	0	18.98	19.06	19.17	19.00	19.09	20.20

		1	50	18.94	19.04	19.23	19.13	19.02	20.20
		1	99	18.95	19.02	19.11	19.02	19.07	20.20
		50	0	17.99	18.11	18.21	18.01	18.05	19.20
		50	25	18.03	17.97	18.18	18.08	18.07	19.20
		50	50	18.04	17.98	18.18	18.02	18.15	19.20
		100	0	18.02	18.05	18.22	18.08	18.13	19.20
	256QAM	1	0	16.09	16.03	16.08	16.13	16.19	17.20
		1	50	15.93	16.05	16.09	16.00	16.20	17.20
		1	99	16.09	16.04	16.04	16.13	16.19	17.20
		50	0	15.92	16.07	16.22	16.06	16.13	17.20
		50	25	15.98	15.98	16.04	16.11	16.16	17.20
		50	50	16.05	15.98	16.18	16.10	16.20	17.20
		100	0	16.09	16.10	16.15	16.08	16.08	17.20

LTE Band 41 DSI1&5 ENDC				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	15.95	16.00	16.14	15.99	15.98	17.20
		1	13	15.72	15.86	15.98	15.84	15.83	17.20
		1	24	15.84	15.96	15.91	15.82	15.91	17.20
		12	0	15.82	15.85	15.94	15.74	15.92	17.20
		12	6	15.89	15.91	15.90	15.82	16.02	17.20
		12	13	15.76	16.00	15.86	15.94	15.95	17.20
	16QAM	25	0	15.61	15.95	15.88	15.83	15.90	17.20
		1	0	15.69	15.77	16.01	15.92	15.92	17.20
		1	13	15.81	15.89	16.02	15.86	15.86	17.20
		1	24	16.05	15.95	16.01	15.76	16.00	17.20
		12	0	15.85	15.87	15.76	15.88	15.87	17.20
		12	6	15.91	15.77	15.91	15.85	16.02	17.20
	64QAM	12	13	15.79	15.83	16.01	15.71	15.99	17.20
		25	0	15.76	16.10	15.94	15.99	15.89	17.20
		1	0	15.89	15.93	16.08	15.92	15.93	17.20
		1	13	15.75	15.79	16.02	15.95	15.80	17.20
		1	24	15.80	15.64	16.00	15.74	16.01	17.20
		12	0	15.64	15.88	16.00	15.89	15.80	17.20
	256QAM	12	6	15.83	15.73	15.96	15.87	15.80	17.20
		12	13	15.74	15.78	15.92	15.91	16.02	17.20
		25	0	15.77	15.78	16.00	15.82	16.05	17.20
		1	0	15.87	15.80	15.97	15.86	16.02	17.20
		1	13	15.74	15.88	15.97	15.86	15.93	17.20
		1	24	15.85	15.99	15.73	15.88	16.12	17.20
		12	0	15.73	15.91	15.90	15.78	15.90	17.20
		12	6	15.67	15.75	15.80	15.81	16.07	17.20
	12	13	15.87	15.76	15.99	15.79	15.92	17.20	
	25	0	15.90	15.96	16.07	16.05	16.02	17.20	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
10MHz	QPSK	1	0	16.00	16.11	16.00	15.85	16.05	17.20
		1	25	15.74	15.93	16.03	15.73	15.98	17.20

		1	49	15.89	15.77	15.87	15.85	15.91	17.20	
		25	0	15.95	15.98	15.81	15.72	15.99	17.20	
		25	13	15.94	15.86	15.77	15.81	15.96	17.20	
		25	25	15.77	16.03	16.00	15.97	16.02	17.20	
		50	0	15.60	15.85	15.85	15.88	16.00	17.20	
	16QAM	1	0	15.80	15.90	16.00	15.92	15.95	17.20	
		1	25	15.66	15.89	15.97	15.75	15.86	17.20	
		1	49	15.90	15.93	15.94	15.85	15.95	17.20	
		25	0	15.89	15.94	15.78	15.71	15.80	17.20	
		25	13	15.95	15.77	15.98	15.78	16.07	17.20	
		25	25	15.76	15.79	15.93	15.82	16.01	17.20	
	64QAM	50	0	15.87	16.01	15.98	15.82	15.98	17.20	
		1	0	15.85	15.91	15.99	15.92	15.79	17.20	
		1	25	15.74	15.88	15.99	16.04	15.71	17.20	
		1	49	15.65	15.81	15.97	15.89	15.97	17.20	
		25	0	15.81	15.90	15.89	15.77	15.84	17.20	
		25	13	15.81	15.82	16.04	15.75	15.72	17.20	
		25	25	15.81	15.85	15.99	15.80	15.91	17.20	
	256QAM	50	0	15.68	15.80	15.90	15.92	16.03	17.20	
		1	0	15.90	15.72	16.06	15.81	15.94	17.20	
		1	25	15.64	15.85	15.96	15.80	15.99	17.20	
		1	49	15.75	15.87	15.73	15.84	16.06	17.20	
		25	0	15.60	15.83	16.02	15.94	15.88	17.20	
		25	13	15.65	15.70	15.77	15.75	16.03	17.20	
		25	25	15.87	15.75	16.07	15.90	15.82	17.20	
	50	0	15.85	15.99	16.06	15.90	16.04	17.20		
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
					39725	40173	40620	41068	41515	
15MHz	QPSK	1	0	16.00	15.96	16.13	15.92	16.03	17.20	
		1	38	15.75	15.93	15.94	15.78	15.83	17.20	
		1	74	15.88	15.80	15.85	15.84	15.90	17.20	
		36	0	15.87	15.85	15.92	15.71	15.97	17.20	
		36	18	15.88	15.97	15.82	15.80	16.08	17.20	
		36	39	15.82	16.02	15.98	15.96	16.00	17.20	
		75	0	15.71	15.83	15.93	15.69	16.01	17.20	
	16QAM	1	0	15.88	15.79	15.99	15.99	15.90	17.20	
		1	38	15.73	15.80	16.04	15.77	15.72	17.20	
		1	74	15.86	15.84	15.98	15.84	16.05	17.20	
		36	0	15.87	15.95	15.90	15.70	15.74	17.20	
		36	18	15.84	15.83	15.95	15.88	15.96	17.20	
		36	39	15.84	15.89	15.85	15.82	16.08	17.20	
		75	0	15.89	15.97	16.02	15.84	16.01	17.20	
	64QAM	1	0	15.75	15.91	16.01	15.84	15.92	17.20	
		1	38	15.63	15.85	16.05	16.06	15.82	17.20	
		1	74	15.77	15.69	15.94	15.81	16.01	17.20	
		36	0	15.71	15.98	15.99	15.84	15.76	17.20	
		36	18	15.82	15.71	16.06	15.79	15.88	17.20	
		36	39	15.75	15.79	15.83	15.79	15.89	17.20	
		75	0	15.78	15.85	15.98	16.00	16.01	17.20	
	256QAM	1	0	16.05	15.84	15.94	15.81	15.97	17.20	
		1	38	15.77	16.02	15.89	15.79	16.07	17.20	

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up	
				39750	40185	40620	41055	41490		
20MHz	QPSK	1	74	15.90	15.93	15.76	15.81	16.15	17.20	
		36	0	15.71	15.79	15.99	15.74	15.93	17.20	
		36	18	15.62	15.74	15.91	15.73	15.97	17.20	
		36	39	15.85	15.83	15.97	15.85	15.96	17.20	
		75	0	15.82	15.93	15.99	15.89	15.90	17.20	
	16QAM	QPSK	1	0	16.02	16.13	16.17	16.00	16.14	17.20
			1	50	15.86	15.99	16.04	15.91	16.02	17.20
			1	99	15.92	15.96	15.93	15.94	15.94	17.20
			50	0	15.97	15.99	16.01	15.78	16.03	17.20
			50	25	16.02	15.99	15.95	15.99	16.12	17.20
			50	50	15.94	16.06	16.06	16.09	16.05	17.20
		16QAM	100	0	15.78	16.00	16.04	15.88	16.06	17.20
			1	0	15.88	15.91	16.07	16.06	16.02	17.20
			1	50	15.83	15.99	16.16	15.89	15.87	17.20
			1	99	16.06	16.00	16.07	15.92	16.05	17.20
			50	0	15.90	15.96	15.93	15.88	15.92	17.20
			50	25	15.96	15.96	16.00	15.97	16.09	17.20
	64QAM	50	50	15.90	15.97	16.02	15.89	16.12	17.20	
		100	0	15.92	16.13	16.11	16.01	16.03	17.20	
		1	0	15.90	16.05	16.09	15.95	15.98	17.20	
		1	50	15.78	15.99	16.11	16.12	15.89	17.20	
		1	99	15.83	15.84	16.06	15.92	16.05	17.20	
		50	0	15.82	16.04	16.07	15.93	15.95	17.20	
		50	25	15.97	15.90	16.09	15.92	15.89	17.20	
	256QAM	50	50	15.87	15.89	16.02	15.95	16.05	17.20	
		100	0	15.84	15.90	16.06	16.02	16.06	17.20	
		1	0	16.07	15.85	16.07	15.94	16.04	17.20	
		1	50	15.77	16.02	16.02	15.93	16.13	17.20	
		1	99	15.92	16.02	15.89	15.95	16.10	17.20	
		50	0	15.79	15.92	16.07	15.94	16.07	17.20	
50		25	15.80	15.85	15.91	15.93	16.12	17.20		
50	50	15.88	15.92	16.13	15.98	16.01	17.20			
100	0	16.00	16.04	16.13	16.05	16.07	17.20			

LTE Band 41 DSI3 ENDC				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	17.91	17.95	18.15	17.84	18.06	19.20
		1	13	17.60	18.07	17.98	17.79	17.97	19.20
		1	24	17.73	17.76	17.83	18.07	17.72	19.20
		12	0	17.85	17.76	17.98	17.81	18.00	19.20
		12	6	17.82	17.89	17.90	18.03	18.04	19.20
		12	13	17.79	17.93	17.91	17.81	18.00	19.20
		25	0	17.78	17.89	17.91	17.96	17.96	19.20
	16QAM	1	0	17.83	17.80	18.02	17.97	17.79	19.20
		1	13	17.87	17.94	17.97	17.83	17.88	19.20
		1	24	17.94	17.88	17.86	17.81	17.92	19.20

	64QAM	12	0	17.68	18.04	17.96	17.80	17.76	19.20
		12	6	17.69	17.73	17.79	17.79	17.88	19.20
		12	13	17.81	17.84	17.92	17.87	17.99	19.20
		25	0	17.72	17.89	18.00	17.77	18.04	19.20
		1	0	17.61	17.92	18.01	17.90	18.00	19.20
		1	13	17.87	17.73	18.00	18.12	17.91	19.20
		1	24	17.74	17.95	18.00	17.77	17.96	19.20
		12	0	17.79	17.86	18.08	17.96	17.76	19.20
		12	6	17.83	17.70	17.99	17.98	17.89	19.20
	12	13	17.92	17.65	17.97	17.88	18.09	19.20	
	25	0	17.88	18.00	17.93	17.88	17.73	19.20	
	256QAM	1	0	15.90	15.82	15.74	16.07	16.05	17.20
		1	13	15.67	15.85	15.92	15.83	16.15	17.20
		1	24	15.94	15.76	15.97	16.03	15.92	17.20
		12	0	15.68	15.97	15.96	15.90	15.98	17.20
		12	6	15.83	15.96	15.76	15.79	15.89	17.20
		12	13	15.77	15.67	16.15	16.00	16.07	17.20
		25	0	15.94	16.00	16.01	15.93	15.99	17.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39700	40160	40620	41080	41540	
10MHz	QPSK	1	0	18.05	17.91	18.14	17.86	18.00	19.20
		1	25	17.61	18.02	17.89	17.75	17.87	19.20
		1	49	17.76	17.75	17.83	17.93	17.80	19.20
		25	0	17.84	17.87	18.05	17.76	17.89	19.20
		25	13	17.88	17.74	17.88	17.94	17.96	19.20
		25	25	17.74	17.87	17.97	17.94	17.92	19.20
		50	0	17.80	17.94	17.96	17.83	17.97	19.20
	16QAM	1	0	17.76	17.81	17.87	17.82	17.83	19.20
		1	25	17.88	17.85	18.02	17.91	17.75	19.20
		1	49	17.93	17.87	17.76	17.84	18.00	19.20
		25	0	17.68	17.93	17.90	17.84	17.87	19.20
		25	13	17.79	17.87	17.78	17.81	17.83	19.20
		25	25	17.70	17.73	17.90	18.02	17.98	19.20
	50	0	17.84	17.96	17.95	17.83	17.86	19.20	
	64QAM	1	0	17.71	17.83	17.91	17.84	17.92	19.20
		1	25	17.78	17.67	18.01	18.09	17.75	19.20
		1	49	17.72	17.85	17.89	17.73	17.92	19.20
		25	0	17.72	17.96	17.90	17.97	17.80	19.20
		25	13	17.94	17.76	18.04	17.89	17.83	19.20
		25	25	17.76	17.70	17.96	17.76	18.05	19.20
		50	0	17.87	18.04	18.03	17.87	17.83	19.20
	256QAM	1	0	15.88	15.80	15.87	16.02	16.02	17.20
		1	25	15.73	15.83	16.01	15.69	16.03	17.20
		1	49	16.07	15.81	15.93	15.97	15.96	17.20
		25	0	15.74	15.95	16.03	15.81	15.87	17.20
		25	13	15.74	15.84	15.83	15.91	15.98	17.20
		25	25	15.78	15.60	16.06	15.84	16.09	17.20
		50	0	15.88	15.87	15.87	15.95	15.94	17.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
15MHz	QPSK	1	0	17.92	17.91	18.01	17.95	18.11	19.20

		1	38	17.62	18.01	17.87	17.73	17.88	19.20
		1	74	17.78	17.74	17.85	18.10	17.74	19.20
		36	0	17.83	17.88	18.06	17.92	17.94	19.20
		36	18	17.75	17.92	17.93	18.08	18.03	19.20
		36	39	17.90	17.86	17.99	17.93	17.97	19.20
		75	0	17.78	17.87	17.97	17.99	18.06	19.20
	16QAM	1	0	17.71	17.92	18.00	17.84	17.90	19.20
		1	38	17.78	17.98	18.04	17.88	17.76	19.20
		1	74	17.92	17.92	17.95	17.86	17.96	19.20
		36	0	17.71	18.08	17.96	17.78	17.80	19.20
		36	18	17.83	17.77	17.73	17.92	18.00	19.20
		36	39	17.76	17.81	17.84	17.85	18.07	19.20
	64QAM	75	0	17.87	17.96	18.04	17.80	17.85	19.20
		1	0	17.69	17.82	17.88	17.75	18.01	19.20
		1	38	17.71	17.71	17.96	17.96	17.85	19.20
		1	74	17.78	17.83	17.89	17.88	17.98	19.20
		36	0	17.70	17.93	18.01	17.91	17.82	19.20
		36	18	17.94	17.86	18.01	17.79	17.94	19.20
	256QAM	36	39	17.81	17.69	17.93	17.92	17.90	19.20
		75	0	17.89	18.00	17.91	17.76	17.90	19.20
		1	0	15.83	15.79	15.83	16.03	16.01	17.20
1		38	15.75	15.68	15.88	15.81	16.00	17.20	
1		74	15.92	15.76	15.87	15.92	15.93	17.20	
36		0	15.64	15.93	15.95	15.95	16.00	17.20	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39750	40185	40620	41055	41490	
20MHz	QPSK	1	0	18.09	18.10	18.17	18.01	18.11	19.20
		1	50	17.76	18.09	18.01	17.88	18.01	19.20
		1	99	17.80	17.86	17.91	18.11	17.90	19.20
		50	0	17.89	17.95	18.08	17.95	18.02	19.20
		50	25	17.94	17.93	18.04	18.09	18.13	19.20
		50	50	17.91	17.99	18.05	17.95	18.09	19.20
		100	0	17.87	17.95	18.08	18.00	18.09	19.20
	16QAM	1	0	17.87	17.94	18.03	18.01	17.99	19.20
		1	50	17.96	18.00	18.10	17.97	17.94	19.20
		1	99	18.07	17.98	17.96	17.90	18.10	19.20
		50	0	17.81	18.09	17.99	17.97	17.89	19.20
		50	25	17.83	17.90	17.92	17.97	18.02	19.20
		50	50	17.86	17.92	18.02	18.04	18.12	19.20
		100	0	17.88	18.01	18.12	17.86	18.04	19.20
	64QAM	1	0	17.80	17.97	18.05	17.93	18.09	19.20
		1	50	17.88	17.85	18.07	18.12	17.93	19.20
		1	99	17.83	17.95	18.06	17.89	17.99	19.20
		50	0	17.89	18.02	18.09	17.98	17.89	19.20
		50	25	17.98	17.87	18.05	17.99	17.96	19.20
		50	50	17.95	17.84	18.01	17.93	18.09	19.20
		100	0	17.99	18.05	18.10	17.89	17.93	19.20
256QAM	1	0	16.03	15.85	15.88	16.09	16.09	17.20	

		1	50	15.80	15.87	16.01	15.86	16.15	17.20
		1	99	16.09	15.95	15.98	16.10	16.11	17.20
		50	0	15.83	16.06	16.04	16.00	16.06	17.20
		50	25	15.91	15.98	15.84	15.98	16.05	17.20
		50	50	15.89	15.78	16.17	16.02	16.11	17.20
		100	0	15.99	16.00	16.06	16.05	16.07	17.20

5 Conducted Power of Main Antenna(Ant4)

5.1 Conducted Power of GSM

GSM 1900 Default&DS1&3&4&5										
		Burst Output Power(dBm)			Tune up	Division Factors	Frame-Average Output Power(dBm)			Tune up
Channel		512	661	810			512	661	810	
GSM(GMSK)	GSM	28.68	28.73	28.70	30.00	-9.19	19.49	19.54	19.51	20.81
GPRS (GMSK)	1 TX Slot	28.82	28.89	28.84	30.00	-9.19	19.63	19.70	19.65	20.81
	2 TX Slots	25.42	25.37	25.45	27.00	-6.18	19.24	19.19	19.27	20.82
	3 TX Slots	23.45	23.45	23.51	25.20	-4.42	19.03	19.03	19.09	20.78
	4 TX Slots	22.22	22.29	22.24	24.00	-3.17	19.05	19.12	19.07	20.83
EGPRS (GMSK)	1 TX Slot	28.87	28.88	28.86	30.00	-9.19	19.68	19.69	19.67	20.81
	2 TX Slots	25.39	25.40	25.41	27.00	-6.18	19.21	19.22	19.23	20.82
	3 TX Slots	23.47	23.44	23.51	25.20	-4.42	19.05	19.02	19.09	20.78
	4 TX Slots	22.23	22.28	22.25	24.00	-3.17	19.06	19.11	19.08	20.83
EGPRS(8PSK)	1 TX Slot	24.76	24.78	24.74	26.00	-9.19	15.57	15.59	15.55	16.81
	2 TX Slots	21.86	21.86	21.89	23.00	-6.18	15.68	15.68	15.71	16.82
	3 TX Slots	20.11	20.13	20.09	21.20	-4.42	15.69	15.71	15.67	16.78
	4 TX Slots	18.79	18.75	18.75	20.00	-3.17	15.62	15.58	15.58	16.83

5.2 Conducted Power of WCDMA

WCDMA Band II Default&DS1&4					
		Average Conducted Power(dBm)			
Channel		9262	9400	9538	Tune up
WCDMA	12.2kbps RMC	22.90	22.91	22.80	24.60
	12.2kbps AMR	22.80	22.72	22.75	24.60
HSDPA	Subtest 1	22.40	22.31	22.37	23.60
	Subtest 2	22.43	22.34	22.38	23.60
	Subtest 3	21.82	21.94	21.91	23.10
	Subtest 4	21.93	21.74	21.98	23.10
HSUPA	Subtest 1	20.23	20.26	20.25	22.10
	Subtest 2	20.35	20.36	20.32	21.60
	Subtest 3	21.34	21.19	21.44	22.60
	Subtest 4	19.80	19.75	19.85	21.60
	Subtest 5	21.30	21.36	21.40	22.60
DC-HSDPA	Subtest 1	22.27	22.25	22.46	23.60
	Subtest 2	22.28	22.24	22.49	23.60
	Subtest 3	21.80	21.84	21.81	23.10
	Subtest 4	21.86	21.70	21.91	23.10
HSPA+	16QAM	20.31	20.23	20.38	21.60

WCDMA Band II DSI3&5					
Average Conducted Power(dBm)					
Channel		9262	9400	9538	Tune up
WCDMA	12.2kbps RMC	20.47	20.48	20.38	22.10
	12.2kbps AMR	20.35	20.35	20.34	22.10
HSDPA	Subtest 1	20.04	19.89	19.94	21.10
	Subtest 2	20.07	19.96	20.01	21.10
	Subtest 3	19.44	19.48	19.56	20.60
	Subtest 4	19.58	19.33	19.53	20.60
HSUPA	Subtest 1	17.85	17.82	17.86	19.60
	Subtest 2	17.89	17.95	17.87	19.10
	Subtest 3	18.91	18.83	19.05	20.10
	Subtest 4	17.45	17.34	17.45	19.10
DC-HSDPA	Subtest 1	18.90	18.98	19.04	20.10
	Subtest 2	19.82	19.84	20.02	21.10
	Subtest 3	19.92	19.87	20.14	21.10
	Subtest 4	19.35	19.41	19.46	20.60
HSPA+	16QAM	19.48	19.28	19.49	20.60
HSPA+	16QAM	17.91	17.79	17.97	19.10

WCDMA Band IV Default&DSI1&4					
Average Conducted Power(dBm)					
Channel		1312	1412	1513	Tune up
WCDMA	12.2kbps RMC	22.94	23.00	22.96	24.60
	12.2kbps AMR	22.82	22.81	22.82	24.60
HSDPA	Subtest 1	22.41	22.36	22.42	23.60
	Subtest 2	22.46	22.53	22.53	23.60
	Subtest 3	21.91	22.02	21.93	23.10
	Subtest 4	21.94	21.77	22.01	23.10
HSUPA	Subtest 1	20.40	20.36	20.33	22.10
	Subtest 2	20.46	20.47	20.47	21.60
	Subtest 3	21.50	21.31	21.46	22.60
	Subtest 4	19.87	19.92	19.97	21.60
	Subtest 5	21.37	21.40	21.49	22.60
DC-HSDPA	Subtest 1	22.35	22.41	22.60	23.60
	Subtest 2	22.34	22.44	22.58	23.60
	Subtest 3	21.94	21.89	21.86	23.10
	Subtest 4	21.92	21.82	22.02	23.10
HSPA+	16QAM	20.42	20.35	20.49	21.60

WCDMA Band IV DSI3&5					
Average Conducted Power(dBm)					
Channel		1312	1412	1513	Tune up
WCDMA	12.2kbps RMC	21.49	21.54	21.53	23.10
	12.2kbps AMR	21.37	21.41	21.45	23.10
HSDPA	Subtest 1	21.00	20.92	21.01	22.10
	Subtest 2	21.04	21.16	21.11	22.10
	Subtest 3	20.52	20.67	20.53	21.60
	Subtest 4	20.51	20.36	20.64	21.60
HSUPA	Subtest 1	18.98	18.99	18.98	20.60

	Subtest 2	19.10	19.10	19.02	20.10
	Subtest 3	20.15	19.94	20.04	21.10
	Subtest 4	18.42	18.46	18.52	20.10
	Subtest 5	20.00	19.94	20.03	21.10
DC-HSDPA	Subtest 1	20.95	21.01	21.16	22.10
	Subtest 2	20.97	21.06	21.15	22.10
	Subtest 3	20.53	20.51	20.44	21.60
	Subtest 4	20.46	20.38	20.58	21.60
HSPA+	16QAM	18.99	18.99	19.03	20.10

5.3 Conducted Power of LTE

LTE Band 2 Default&DS1&4				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18607	18900	19193	
1.4MHz	QPSK	1	0	23.23	23.21	23.21	25.00
		1	2	23.15	23.28	23.19	25.00
		1	5	23.22	23.13	23.30	25.00
		3	0	23.11	23.26	23.15	25.00
		3	2	23.11	23.28	23.14	25.00
		3	3	23.09	23.22	23.15	25.00
	16QAM	6	0	22.22	22.36	22.21	24.00
		1	0	22.32	22.37	22.33	24.00
		1	2	22.29	22.36	22.45	24.00
		1	5	22.38	22.38	22.32	24.00
		3	0	22.33	22.41	22.31	24.00
		3	2	22.41	22.39	22.35	24.00
	64QAM	3	3	22.41	22.30	22.32	24.00
		6	0	21.40	21.47	21.51	23.00
		1	0	21.41	21.38	21.46	23.00
		1	2	21.40	21.41	21.29	23.00
		1	5	21.44	21.46	21.39	23.00
		3	0	21.46	21.42	21.35	23.00
	256QAM	3	2	21.41	21.41	21.34	23.00
		3	3	21.45	21.39	21.42	23.00
		6	0	20.44	20.41	20.44	22.00
		1	0	18.66	18.90	18.69	20.00
		1	2	18.58	18.65	18.76	20.00
		1	5	18.82	18.61	18.91	20.00
	3	0	18.76	18.89	18.63	20.00	
	3	2	18.64	18.70	18.73	20.00	
	3	3	18.61	18.66	18.78	20.00	
	6	0	18.68	18.62	18.82	20.00	
	Channel	Channel	Channel	Tune up			
	18615	18900	19185				
3MHz	QPSK	1	0	23.26	23.27	23.20	25.00
		1	7	23.21	23.19	23.13	25.00
		1	14	23.24	23.22	23.21	25.00
		8	0	22.25	22.20	22.23	24.00

		8	4	22.26	22.28	22.28	24.00
		8	7	22.35	22.29	22.33	24.00
		15	0	22.27	22.18	22.27	24.00
	16QAM	1	0	22.37	22.36	22.27	24.00
		1	7	22.33	22.30	22.37	24.00
		1	14	22.30	22.30	22.30	24.00
		8	0	21.35	21.36	21.44	23.00
		8	4	21.39	21.43	21.35	23.00
		8	7	21.38	21.41	21.37	23.00
		15	0	21.40	21.41	21.34	23.00
	64QAM	1	0	21.40	21.40	21.36	23.00
		1	7	21.34	21.44	21.40	23.00
		1	14	21.39	21.39	21.41	23.00
		8	0	20.42	20.50	20.51	22.00
		8	4	20.50	20.44	20.50	22.00
		8	7	20.48	20.48	20.48	22.00
	256QAM	15	0	20.47	20.47	20.48	22.00
		1	0	18.60	18.89	18.74	20.00
		1	7	18.64	18.67	18.74	20.00
		1	14	18.78	18.53	18.91	20.00
		8	0	18.79	18.85	18.62	20.00
8		4	18.62	18.68	18.67	20.00	
8		7	18.62	18.69	18.74	20.00	
15	0	18.60	18.59	18.81	20.00		
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18625	18900	19175	
5MHz	QPSK	1	0	23.27	23.22	23.23	25.00
		1	13	23.18	23.20	23.13	25.00
		1	24	23.16	23.20	23.22	25.00
		12	0	22.17	22.24	22.24	24.00
		12	6	22.22	22.30	22.23	24.00
		12	13	22.29	22.35	22.37	24.00
	16QAM	25	0	22.25	22.28	22.24	24.00
		1	0	22.38	22.34	22.30	24.00
		1	13	22.34	22.35	22.30	24.00
		1	24	22.27	22.28	22.35	24.00
		12	0	21.40	21.39	21.39	23.00
		12	6	21.37	21.42	21.38	23.00
		12	13	21.37	21.41	21.36	23.00
	64QAM	25	0	21.37	21.41	21.38	23.00
		1	0	21.42	21.41	21.36	23.00
		1	13	21.37	21.34	21.35	23.00
		1	24	21.45	21.45	21.36	23.00
		12	0	20.45	20.51	20.47	22.00
		12	6	20.51	20.46	20.53	22.00
	256QAM	12	13	20.45	20.52	20.51	22.00
		25	0	20.49	20.45	20.51	22.00
1		0	18.62	18.83	18.73	20.00	
		1	13	18.62	18.73	18.70	20.00
		1	24	18.84	18.54	18.89	20.00

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18650	18900	19150	
10MHz	QPSK	12	0	18.81	18.86	18.67	20.00
		12	6	18.71	18.72	18.71	20.00
		12	13	18.57	18.68	18.70	20.00
		25	0	18.64	18.58	18.79	20.00
		1	0	23.20	23.26	23.20	25.00
		1	25	23.21	23.18	23.13	25.00
		1	49	23.23	23.24	23.18	25.00
	16QAM	25	0	22.18	22.19	22.21	24.00
		25	13	22.27	22.25	22.29	24.00
		25	25	22.30	22.27	22.29	24.00
		50	0	22.20	22.20	22.20	24.00
		1	0	22.28	22.34	22.29	24.00
		1	25	22.32	22.34	22.33	24.00
		1	49	22.27	22.34	22.36	24.00
	64QAM	25	0	21.42	21.41	21.36	23.00
		25	13	21.41	21.42	21.38	23.00
		25	25	21.36	21.43	21.40	23.00
		50	0	21.36	21.36	21.38	23.00
		1	0	21.40	21.40	21.37	23.00
		1	25	21.38	21.39	21.42	23.00
		1	49	21.42	21.41	21.35	23.00
	256QAM	25	0	20.45	20.50	20.48	22.00
		25	13	20.52	20.48	20.44	22.00
		25	25	20.49	20.45	20.45	22.00
		50	0	20.48	20.48	20.46	22.00
		1	0	18.64	18.88	18.72	20.00
		1	25	18.64	18.71	18.70	20.00
		1	49	18.82	18.59	18.85	20.00
15MHz	QPSK	25	0	18.73	18.89	18.67	20.00
		25	13	18.69	18.76	18.64	20.00
		25	25	18.58	18.73	18.71	20.00
		50	0	18.66	18.63	18.88	20.00
		1	0	23.62	23.58	23.60	25.00
		1	38	23.62	23.55	23.62	25.00
		1	74	23.67	23.66	23.60	25.00
	16QAM	36	0	22.66	22.62	22.58	24.00
		36	18	22.66	22.67	22.69	24.00
		36	39	22.68	22.68	22.70	24.00
		75	0	22.69	22.61	22.66	24.00
		1	0	22.74	22.77	22.77	24.00
		1	38	22.68	22.73	22.73	24.00
		1	74	22.73	22.68	22.74	24.00
	64QAM	36	0	21.83	21.83	21.79	23.00
		36	18	21.84	21.84	21.82	23.00
		36	39	21.84	21.84	21.81	23.00
		75	0	21.76	21.77	21.83	23.00
		1	0	21.81	21.79	21.82	23.00

		1	38	21.83	21.83	21.80	23.00
		1	74	21.83	21.79	21.80	23.00
		36	0	20.87	20.90	20.89	22.00
		36	18	20.92	20.86	20.87	22.00
		36	39	20.91	20.82	20.83	22.00
		75	0	20.87	20.87	20.86	22.00
	256QAM	1	0	19.00	19.23	19.11	20.00
		1	38	19.04	19.08	19.11	20.00
		1	74	19.15	19.03	19.28	20.00
		36	0	19.20	19.27	19.04	20.00
		36	18	19.09	19.16	19.07	20.00
		36	39	19.02	19.10	19.18	20.00
		75	0	19.07	18.97	19.26	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18700	18900	19100	
20MHz	QPSK	1	0	23.63	23.79	23.67	25.00
		1	50	23.62	23.58	23.62	25.00
		1	99	23.62	23.63	23.60	25.00
		50	0	22.72	22.77	22.74	24.00
		50	25	22.62	22.65	22.69	24.00
		50	50	22.69	22.72	22.72	24.00
		100	0	22.60	22.66	22.64	24.00
	16QAM	1	0	22.71	22.78	22.71	24.00
		1	50	22.74	22.69	22.67	24.00
		1	99	22.68	22.75	22.70	24.00
		50	0	21.76	21.77	21.81	23.00
		50	25	21.75	21.82	21.75	23.00
		50	50	21.80	21.77	21.77	23.00
		100	0	21.81	21.83	21.77	23.00
	64QAM	1	0	21.75	21.84	21.78	23.00
		1	50	21.80	21.78	21.76	23.00
		1	99	21.84	21.81	21.80	23.00
		50	0	20.92	20.92	20.92	22.00
		50	25	20.91	20.93	20.93	22.00
		50	50	20.89	20.91	20.85	22.00
		100	0	20.88	20.83	20.87	22.00
	256QAM	1	0	19.09	19.28	19.14	20.00
		1	50	19.03	19.09	19.10	20.00
		1	99	19.21	18.99	19.30	20.00
		50	0	19.15	19.23	19.09	20.00
		50	25	19.12	19.17	19.13	20.00
		50	50	19.02	19.06	19.13	20.00
		100	0	19.01	19.05	19.21	20.00

LTE Band 2 DSI3&5				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18607	18900	19193	
1.4MHz	QPSK	1	0	21.35	21.36	21.28	23.00

		1	2	21.43	21.41	21.35	23.00
		1	5	21.33	21.46	21.44	23.00
		3	0	21.32	21.46	21.33	23.00
		3	2	21.45	21.41	21.37	23.00
		3	3	21.44	21.36	21.35	23.00
		6	0	21.30	21.29	21.33	23.00
	16QAM	1	0	21.38	21.42	21.27	23.00
		1	2	21.35	21.37	21.33	23.00
		1	5	21.32	21.43	21.39	23.00
		3	0	21.32	21.45	21.40	23.00
		3	2	21.43	21.31	21.35	23.00
		3	3	21.42	21.45	21.35	23.00
	64QAM	6	0	21.32	21.48	21.40	23.00
		1	0	21.37	21.42	21.35	23.00
		1	2	21.38	21.40	21.40	23.00
		1	5	21.41	21.36	21.32	23.00
		3	0	21.41	21.41	21.37	23.00
		3	2	21.34	21.39	21.38	23.00
	256QAM	3	3	21.40	21.40	21.37	23.00
		6	0	20.42	20.45	20.46	22.00
		1	0	18.72	18.85	18.75	20.00
1		2	18.60	18.71	18.67	20.00	
1		5	18.83	18.55	18.88	20.00	
3		0	18.72	18.81	18.73	20.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18615	18900	19185	
3MHz	QPSK	1	0	21.37	21.45	21.33	23.00
		1	7	21.45	21.41	21.31	23.00
		1	14	21.35	21.40	21.40	23.00
		8	0	21.39	21.49	21.30	23.00
		8	4	21.45	21.33	21.34	23.00
		8	7	21.42	21.41	21.36	23.00
		15	0	21.37	21.38	21.32	23.00
	16QAM	1	0	21.42	21.45	21.32	23.00
		1	7	21.44	21.33	21.30	23.00
		1	14	21.31	21.44	21.32	23.00
		8	0	21.36	21.46	21.36	23.00
		8	4	21.34	21.36	21.40	23.00
		8	7	21.33	21.39	21.32	23.00
		15	0	21.38	21.42	21.39	23.00
	64QAM	1	0	21.41	21.36	21.36	23.00
		1	7	21.40	21.35	21.40	23.00
		1	14	21.44	21.43	21.31	23.00
		8	0	20.49	20.48	20.48	22.00
		8	4	20.50	20.53	20.55	22.00
		8	7	20.49	20.50	20.50	22.00
		15	0	20.49	20.41	20.52	22.00

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				18625	18900	19175		
	256QAM	1	0	18.68	18.90	18.76	20.00	
		1	7	18.59	18.64	18.64	20.00	
		1	14	18.79	18.63	18.88	20.00	
		8	0	18.77	18.87	18.71	20.00	
		8	4	18.67	18.72	18.69	20.00	
		8	7	18.60	18.62	18.74	20.00	
		15	0	18.61	18.68	18.83	20.00	
5MHz	QPSK	1	0	21.38	21.45	21.34	23.00	
		1	13	21.41	21.40	21.32	23.00	
		1	24	21.30	21.37	21.42	23.00	
		12	0	21.30	21.44	21.38	23.00	
		12	6	21.39	21.34	21.41	23.00	
		12	13	21.43	21.45	21.33	23.00	
		25	0	21.32	21.34	21.37	23.00	
	16QAM	1	0	21.38	21.45	21.32	23.00	
			1	13	21.37	21.39	21.31	23.00
			1	24	21.35	21.40	21.32	23.00
			12	0	21.40	21.45	21.33	23.00
			12	6	21.36	21.32	21.33	23.00
			12	13	21.34	21.35	21.26	23.00
		25	0	21.37	21.41	21.32	23.00	
	64QAM	1	0	21.34	21.38	21.32	23.00	
			1	13	21.34	21.41	21.39	23.00
			1	24	21.34	21.42	21.31	23.00
			12	0	20.50	20.53	20.46	22.00
			12	6	20.55	20.49	20.50	22.00
			12	13	20.49	20.47	20.42	22.00
			25	0	20.49	20.45	20.49	22.00
	256QAM	1	0	18.68	18.86	18.78	20.00	
			1	13	18.64	18.68	18.73	20.00
			1	24	18.78	18.53	18.86	20.00
			12	0	18.75	18.80	18.73	20.00
			12	6	18.76	18.79	18.69	20.00
			12	13	18.61	18.67	18.73	20.00
			25	0	18.56	18.66	18.84	20.00
10MHz	QPSK	1	0	21.37	21.44	21.28	23.00	
		1	25	21.39	21.42	21.34	23.00	
		1	49	21.34	21.45	21.37	23.00	
		25	0	21.33	21.46	21.35	23.00	
		25	13	21.40	21.40	21.36	23.00	
		25	25	21.44	21.35	21.33	23.00	
		50	0	21.34	21.30	21.34	23.00	
	16QAM	1	0	21.33	21.40	21.31	23.00	
			1	25	21.36	21.39	21.34	23.00
			1	49	21.32	21.38	21.38	23.00
			25	0	21.32	21.38	21.37	23.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				18650	18900	19150		

	64QAM	25	13	21.40	21.31	21.32	23.00
		25	25	21.33	21.35	21.26	23.00
		50	0	21.39	21.48	21.39	23.00
		1	0	21.39	21.36	21.37	23.00
		1	25	21.35	21.34	21.37	23.00
		1	49	21.41	21.44	21.29	23.00
		25	0	20.49	20.49	20.51	22.00
		25	13	20.46	20.56	20.49	22.00
		25	25	20.51	20.53	20.49	22.00
	50	0	20.43	20.43	20.42	22.00	
	256QAM	1	0	18.64	18.86	18.77	20.00
		1	25	18.60	18.67	18.68	20.00
		1	49	18.81	18.56	18.88	20.00
		25	0	18.71	18.85	18.73	20.00
		25	13	18.70	18.79	18.71	20.00
25		25	18.61	18.65	18.70	20.00	
50	0	18.61	18.68	18.82	20.00		
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18675	18900	19125	
15MHz	QPSK	1	0	21.40	21.38	21.32	23.00
		1	38	21.35	21.39	21.39	23.00
		1	74	21.32	21.43	21.36	23.00
		36	0	21.33	21.39	21.35	23.00
		36	18	21.38	21.41	21.42	23.00
		36	39	21.40	21.42	21.35	23.00
		75	0	21.37	21.39	21.28	23.00
	16QAM	1	0	21.42	21.45	21.27	23.00
		1	38	21.41	21.37	21.28	23.00
		1	74	21.30	21.43	21.37	23.00
		36	0	21.37	21.47	21.34	23.00
		36	18	21.42	21.35	21.40	23.00
		36	39	21.32	21.40	21.34	23.00
		75	0	21.36	21.48	21.40	23.00
	64QAM	1	0	21.42	21.38	21.40	23.00
		1	38	21.39	21.37	21.35	23.00
		1	74	21.39	21.43	21.38	23.00
		36	0	20.53	20.48	20.47	22.00
		36	18	20.48	20.53	20.49	22.00
		36	39	20.52	20.54	20.46	22.00
		75	0	20.52	20.38	20.45	22.00
	256QAM	1	0	18.64	18.89	18.68	20.00
		1	38	18.65	18.72	18.71	20.00
		1	74	18.76	18.62	18.85	20.00
		36	0	18.71	18.79	18.67	20.00
		36	18	18.69	18.76	18.73	20.00
		36	39	18.57	18.64	18.77	20.00
75		0	18.56	18.66	18.85	20.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18700	18900	19100	
20MHz	QPSK	1	0	21.95	22.02	21.94	23.00
		1	50	21.86	21.86	21.87	23.00

		1	99	21.82	21.95	21.88	23.00	
		50	0	21.87	22.01	21.91	23.00	
		50	25	21.94	21.88	21.83	23.00	
		50	50	21.86	21.94	21.84	23.00	
		100	0	21.81	21.89	21.85	23.00	
	16QAM	1	0	21.87	21.89	21.86	23.00	
		1	50	21.86	21.87	21.82	23.00	
		1	99	21.84	21.89	21.82	23.00	
		50	0	21.82	21.98	21.90	23.00	
		50	25	21.90	21.85	21.85	23.00	
		50	50	21.84	21.86	21.76	23.00	
	64QAM	100	0	21.84	21.90	21.82	23.00	
		1	0	21.90	21.90	21.91	23.00	
		1	50	21.89	21.80	21.84	23.00	
		1	99	21.88	21.84	21.88	23.00	
		50	0	21.04	20.99	20.98	22.00	
		50	25	20.97	21.08	21.03	22.00	
		50	50	21.02	21.05	20.92	22.00	
	256QAM	100	0	20.93	20.90	20.98	22.00	
		1	0	19.22	19.33	19.27	20.00	
		1	50	19.18	19.22	19.23	20.00	
		1	99	19.27	19.10	19.37	20.00	
		50	0	19.20	19.35	19.13	20.00	
		50	25	19.24	19.21	19.21	20.00	
		50	50	19.13	19.20	19.26	20.00	
			100	0	19.11	19.11	19.33	20.00

LTE Band 2 Default&DSI1&4 ENDC				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18607	18900	19193	
1.4MHz	QPSK	1	0	19.25	19.25	19.13	20.40
		1	2	19.14	19.19	19.14	20.40
		1	5	19.09	19.00	19.16	20.40
		3	0	18.97	19.14	19.10	20.40
		3	2	19.00	19.15	19.17	20.40
		3	3	19.12	19.23	19.08	20.40
		6	0	18.21	18.21	18.10	19.40
	16QAM	1	0	18.23	18.26	18.26	19.40
		1	2	18.25	18.29	18.43	19.40
		1	5	18.31	18.24	18.23	19.40
		3	0	18.23	18.37	18.20	19.40
		3	2	18.27	18.34	18.24	19.40
		3	3	18.30	18.19	18.27	19.40
		6	0	17.38	17.44	17.43	18.40
	64QAM	1	0	17.42	17.33	17.36	18.40
		1	2	17.38	17.41	17.14	18.40
		1	5	17.38	17.46	17.39	18.40
		3	0	17.48	17.34	17.26	18.40

	256QAM	3	2	17.42	17.26	17.34	18.40
		3	3	17.30	17.31	17.33	18.40
		6	0	16.42	16.27	16.42	17.40
		1	0	14.54	14.74	14.72	15.40
		1	2	14.45	14.58	14.72	15.40
		1	5	14.69	14.49	14.91	15.40
		3	0	14.68	14.82	14.61	15.40
		3	2	14.53	14.66	14.74	15.40
		3	3	14.57	14.51	14.72	15.40
6	0	14.58	14.56	14.85	15.40		
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18615	18900	19185	
3MHz	QPSK	1	0	19.25	19.21	19.17	20.40
		1	7	19.05	19.22	19.01	20.40
		1	14	19.09	19.17	19.22	20.40
		8	0	18.27	18.13	18.16	19.40
		8	4	18.13	18.28	18.27	19.40
		8	7	18.20	18.19	18.28	19.40
		15	0	18.22	18.18	18.23	19.40
	16QAM	1	0	18.39	18.23	18.31	19.40
		1	7	18.34	18.30	18.22	19.40
		1	14	18.16	18.23	18.25	19.40
		8	0	17.21	17.32	17.46	18.40
		8	4	17.25	17.34	17.21	18.40
		8	7	17.22	17.29	17.25	18.40
		15	0	17.38	17.29	17.29	18.40
	64QAM	1	0	17.37	17.41	17.20	18.40
		1	7	17.20	17.46	17.32	18.40
		1	14	17.40	17.27	17.29	18.40
		8	0	16.34	16.44	16.47	17.40
		8	4	16.49	16.34	16.47	17.40
		8	7	16.32	16.51	16.51	17.40
		15	0	16.43	16.50	16.33	17.40
	256QAM	1	0	14.60	14.85	14.68	15.40
		1	7	14.50	14.53	14.77	15.40
		1	14	14.68	14.42	14.87	15.40
		8	0	14.68	14.79	14.47	15.40
		8	4	14.57	14.55	14.68	15.40
		8	7	14.65	14.64	14.70	15.40
15		0	14.64	14.47	14.76	15.40	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18625	18900	19175	
5MHz	QPSK	1	0	19.30	19.10	19.13	20.40
		1	13	19.15	19.22	19.01	20.40
		1	24	19.10	19.19	19.07	20.40
		12	0	18.16	18.23	18.23	19.40
		12	6	18.06	18.24	18.09	19.40
		12	13	18.30	18.32	18.33	19.40
		25	0	18.19	18.17	18.15	19.40

	16QAM	1	0	18.29	18.31	18.17	19.40	
		1	13	18.28	18.28	18.23	19.40	
		1	24	18.20	18.28	18.20	19.40	
		12	0	17.40	17.40	17.33	18.40	
		12	6	17.22	17.42	17.24	18.40	
		12	13	17.22	17.26	17.32	18.40	
	64QAM	25	0	17.30	17.35	17.25	18.40	
		1	0	17.37	17.26	17.30	18.40	
		1	13	17.36	17.24	17.35	18.40	
		1	24	17.32	17.37	17.35	18.40	
		12	0	16.39	16.40	16.45	17.40	
		12	6	16.37	16.35	16.50	17.40	
	256QAM	12	13	16.35	16.51	16.51	17.40	
		25	0	16.41	16.35	16.45	17.40	
		1	0	14.51	14.85	14.63	15.40	
		1	13	14.57	14.58	14.61	15.40	
		1	24	14.78	14.45	14.74	15.40	
		12	0	14.69	14.81	14.70	15.40	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					18650	18900	19150	
10MHz	QPSK	12	13	14.56	14.71	14.57	15.40	
		25	0	14.50	14.46	14.76	15.40	
		1	0	19.19	19.30	19.20	20.40	
		1	25	19.15	19.13	19.03	20.40	
		1	49	19.13	19.16	19.22	20.40	
		25	0	18.05	18.05	18.21	19.40	
		25	13	18.23	18.21	18.28	19.40	
	16QAM	25	25	18.15	18.25	18.20	19.40	
		50	0	18.20	18.14	18.06	19.40	
		1	0	18.21	18.27	18.30	19.40	
		1	25	18.19	18.31	18.20	19.40	
		1	49	18.23	18.30	18.28	19.40	
		25	0	17.34	17.44	17.37	18.40	
		25	13	17.30	17.34	17.39	18.40	
	64QAM	25	25	17.36	17.43	17.25	18.40	
		50	0	17.21	17.22	17.30	18.40	
		1	0	17.26	17.36	17.27	18.40	
		1	25	17.42	17.32	17.45	18.40	
		1	49	17.44	17.45	17.21	18.40	
		25	0	16.34	16.51	16.33	17.40	
		25	13	16.39	16.37	16.37	17.40	
	256QAM	25	25	16.52	16.35	16.48	17.40	
		50	0	16.49	16.47	16.45	17.40	
		1	0	14.54	14.77	14.72	15.40	
		1	25	14.60	14.61	14.64	15.40	
		1	49	14.78	14.63	14.78	15.40	
		25	0	14.57	14.82	14.52	15.40	
25		13	14.64	14.72	14.56	15.40		
		25	25	14.55	14.64	14.59	15.40	
		50	0	14.59	14.59	14.90	15.40	

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18675	18900	19125	
15MHz	QPSK	1	0	19.18	19.11	19.21	20.40
		1	38	19.22	19.16	19.20	20.40
		1	74	19.27	19.27	19.20	20.40
		36	0	18.13	18.16	18.07	19.40
		36	18	18.12	18.25	18.24	19.40
		36	39	18.21	18.23	18.18	19.40
		75	0	18.14	18.23	18.13	19.40
	16QAM	1	0	18.38	18.31	18.40	19.40
		1	38	18.28	18.30	18.18	19.40
		1	74	18.17	18.13	18.33	19.40
		36	0	17.29	17.39	17.42	18.40
		36	18	17.33	17.40	17.30	18.40
		36	39	17.47	17.36	17.35	18.40
		75	0	17.27	17.35	17.46	18.40
	64QAM	1	0	17.31	17.37	17.38	18.40
		1	38	17.46	17.41	17.35	18.40
		1	74	17.35	17.25	17.25	18.40
		36	0	16.31	16.45	16.40	17.40
		36	18	16.47	16.40	16.51	17.40
		36	39	16.45	16.35	16.34	17.40
		75	0	16.47	16.44	16.35	17.40
	256QAM	1	0	14.54	14.80	14.59	15.40
		1	38	14.63	14.56	14.73	15.40
		1	74	14.73	14.48	14.79	15.40
		36	0	14.82	14.81	14.56	15.40
		36	18	14.63	14.76	14.67	15.40
		36	39	14.53	14.67	14.68	15.40
		75	0	14.58	14.51	14.74	15.40
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
20MHz	QPSK	1	0	19.20	19.37	19.21	20.40
		1	50	19.09	19.17	19.10	20.40
		1	99	19.16	19.25	19.18	20.40
		50	0	18.27	18.22	18.26	19.40
		50	25	18.14	18.23	18.18	19.40
		50	50	18.21	18.26	18.20	19.40
		100	0	18.15	18.11	18.20	19.40
	16QAM	1	0	18.34	18.37	18.25	19.40
		1	50	18.35	18.27	18.17	19.40
		1	99	18.29	18.36	18.27	19.40
		50	0	17.31	17.23	17.36	18.40
		50	25	17.35	17.42	17.33	18.40
		50	50	17.31	17.31	17.31	18.40
		100	0	17.31	17.37	17.41	18.40
	64QAM	1	0	17.37	17.33	17.36	18.40
		1	50	17.29	17.22	17.20	18.40
		1	99	17.34	17.35	17.38	18.40
		50	0	16.46	16.38	16.50	17.40
		50	25	16.46	16.43	16.45	17.40
		50	50	16.46	16.43	16.45	17.40

		50	50	16.52	16.51	16.46	17.40
		100	0	16.40	16.30	16.39	17.40
	256QAM	1	0	14.71	14.83	14.73	15.40
		1	50	14.58	14.65	14.58	15.40
		1	99	14.84	14.63	14.75	15.40
		50	0	14.66	14.68	14.54	15.40
		50	25	14.72	14.66	14.74	15.40
		50	50	14.51	14.66	14.74	15.40
100	0	14.63	14.60	14.84	15.40		

LTE Band 2 DSI3&5 ENDC				Conducted Power(dBm)				
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				18607	18900	19193		
1.4MHz	QPSK	1	0	17.22	17.43	17.28	18.40	
		1	2	17.06	17.12	17.01	18.40	
		1	5	17.06	17.13	17.35	18.40	
		3	0	16.95	17.20	17.26	18.40	
		3	2	16.92	17.10	17.31	18.40	
		3	3	17.02	17.19	17.21	18.40	
	16QAM	6	0	17.20	17.15	17.21	18.40	
		1	0	17.25	17.35	17.24	18.40	
		1	2	17.40	17.41	17.31	18.40	
		1	5	17.27	17.35	17.12	18.40	
		3	0	17.16	17.38	17.16	18.40	
		3	2	17.17	17.36	17.35	18.40	
	64QAM	3	3	17.35	17.19	17.24	18.40	
		6	0	17.28	17.21	17.42	18.40	
		1	0	17.35	17.28	17.09	18.40	
		1	2	17.37	17.41	16.86	18.40	
		1	5	17.15	17.24	17.40	18.40	
		3	0	17.37	17.29	17.02	18.40	
	256QAM	3	2	17.28	17.23	17.07	18.40	
		3	3	17.35	17.14	17.32	18.40	
		3	3	14.51	14.51	14.68	15.40	
		6	0	14.34	14.59	14.70	15.40	
		1	0	14.46	14.64	14.56	15.40	
		1	2	14.41	14.34	14.78	15.40	
	3MHz	QPSK	1	0	17.20	17.41	17.34	18.40
			1	7	17.16	17.29	16.88	18.40
			1	14	16.98	17.22	17.22	18.40
			8	0	17.19	17.31	17.29	18.40
8			4	17.14	17.15	17.19	18.40	

	16QAM	8	7	17.28	17.19	17.33	18.40	
		15	0	17.18	17.31	17.27	18.40	
		1	0	17.36	17.26	17.32	18.40	
		1	7	17.32	17.17	17.36	18.40	
		1	14	17.29	17.11	17.17	18.40	
		8	0	17.17	17.16	17.35	18.40	
		8	4	17.00	17.13	17.04	18.40	
		8	7	17.14	17.27	17.08	18.40	
	64QAM	15	0	17.35	17.26	17.11	18.40	
		1	0	17.39	17.18	17.25	18.40	
		1	7	16.96	17.18	17.03	18.40	
		1	14	17.38	17.03	17.21	18.40	
		8	0	16.34	16.39	16.26	17.40	
		8	4	16.24	16.18	16.52	17.40	
		8	7	16.34	16.25	16.31	17.40	
	256QAM	15	0	16.46	16.30	16.37	17.40	
		1	0	14.48	14.65	14.73	15.40	
		1	7	14.30	14.52	14.50	15.40	
		1	14	14.51	14.35	14.84	15.40	
		8	0	14.42	14.81	14.43	15.40	
		8	4	14.34	14.49	14.61	15.40	
		8	7	14.44	14.68	14.52	15.40	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					18625	18900	19175	
	5MHz	QPSK	1	0	17.45	17.17	17.29	18.40
			1	13	17.22	17.16	17.10	18.40
			1	24	17.27	17.28	17.01	18.40
			12	0	17.07	17.15	17.31	18.40
12			6	17.25	17.38	16.96	18.40	
12			13	17.42	17.37	17.23	18.40	
25			0	17.24	17.30	17.33	18.40	
16QAM		1	0	17.43	17.41	17.13	18.40	
		1	13	17.37	17.36	17.43	18.40	
		1	24	17.23	17.33	17.36	18.40	
		12	0	17.25	17.16	17.15	18.40	
		12	6	17.17	17.43	17.15	18.40	
		12	13	17.11	17.09	17.35	18.40	
		25	0	17.08	17.24	17.30	18.40	
64QAM		1	0	17.32	17.04	17.13	18.40	
		1	13	17.16	17.14	17.15	18.40	
		1	24	17.29	17.19	17.37	18.40	
		12	0	16.42	16.35	16.26	17.40	
		12	6	16.28	16.30	16.37	17.40	
		12	13	16.23	16.53	16.28	17.40	
		25	0	16.28	16.39	16.38	17.40	
256QAM		1	0	14.37	14.91	14.37	15.40	
		1	13	14.46	14.38	14.47	15.40	
		1	24	14.80	14.20	14.73	15.40	
		12	0	14.47	14.87	14.63	15.40	

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up		
		12	6	14.61	14.45	14.51		15.40	
		12	13	14.31	14.76	14.32	15.40		
		25	0	14.54	14.39	14.81	15.40		
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up		
10MHz	QPSK	18650	18900	19150	17.33	17.26	17.31	18.40	
		1	0	17.33	17.28	17.23	18.40		
		1	25	17.10	17.36	17.37	18.40		
		1	49	17.02	17.07	17.29	18.40		
		25	0	17.17	17.19	17.25	18.40		
		25	13	17.15	17.44	17.21	18.40		
	16QAM	50	0	17.32	17.08	16.94	18.40		
		1	0	17.32	17.44	17.34	18.40		
		1	25	17.34	17.42	17.30	18.40		
		1	49	17.14	17.36	17.33	18.40		
		25	0	17.27	17.40	17.25	18.40		
		25	13	17.27	17.32	17.43	18.40		
	64QAM	25	25	17.13	17.29	17.11	18.40		
		50	0	17.22	17.05	17.33	18.40		
		1	0	17.25	17.17	17.16	18.40		
		1	25	17.28	17.36	17.31	18.40		
		1	49	17.24	17.25	17.27	18.40		
		25	0	16.14	16.40	16.09	17.40		
	256QAM	25	13	16.16	16.33	16.42	17.40		
		25	25	16.33	16.11	16.26	17.40		
		50	0	16.26	16.32	16.22	17.40		
		1	0	14.57	14.75	14.69	15.40		
		1	25	14.38	14.65	14.69	15.40		
		1	49	14.51	14.62	14.64	15.40		
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
			18675	18900	19125	17.34	17.06	17.26	18.40
			1	0	17.34	17.06	17.26	18.40	
	15MHz	QPSK	1	38	17.23	17.18	17.13	18.40	
			1	74	17.23	17.40	17.39	18.40	
			36	0	17.12	17.37	16.95	18.40	
36			18	17.13	17.35	17.40	18.40		
36			39	17.09	17.09	17.24	18.40		
75			0	17.15	17.19	17.11	18.40		
16QAM		1	0	17.46	17.24	17.42	18.40		
		1	38	17.15	17.34	17.25	18.40		
		1	74	17.06	17.09	17.24	18.40		
		36	0	17.06	17.11	17.32	18.40		
		36	18	17.04	17.25	17.15	18.40		
		36	39	17.24	17.35	17.06	18.40		
64QAM		75	0	17.07	17.16	17.31	18.40		
		1	0	17.09	17.08	17.12	18.40		
			1	38	17.23	17.27	17.17	18.40	

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				18700	18900	19100		
20MHz	256QAM	1	74	17.17	17.21	17.31	18.40	
		36	0	16.07	16.41	16.46	17.40	
		36	18	16.50	16.31	16.41	17.40	
		36	39	16.30	16.30	16.34	17.40	
		75	0	16.36	16.34	16.08	17.40	
		1	0	14.37	14.70	14.63	15.40	
		1	38	14.65	14.47	14.77	15.40	
		1	74	14.78	14.27	14.65	15.40	
		36	0	14.69	14.85	14.45	15.40	
		36	18	14.51	14.73	14.62	15.40	
	36	39	14.47	14.40	14.44	15.40		
	75	0	14.46	14.39	14.69	15.40		
	20MHz	QPSK	1	0	17.33	17.48	17.15	18.40
			1	50	17.11	17.35	17.30	18.40
			1	99	17.14	17.22	17.34	18.40
			50	0	17.39	17.37	17.37	18.40
			50	25	17.07	17.32	17.31	18.40
			50	50	17.20	17.14	17.32	18.40
			100	0	17.21	17.25	17.34	18.40
		16QAM	1	0	17.32	17.38	17.41	18.40
			1	50	17.36	17.20	17.08	18.40
			1	99	17.35	17.41	17.13	18.40
			50	0	17.27	16.98	17.15	18.40
			50	25	17.19	17.35	17.22	18.40
			50	50	17.21	17.26	17.20	18.40
			100	0	17.23	17.27	17.44	18.40
		64QAM	1	0	17.27	17.19	17.07	18.40
			1	50	17.10	17.04	16.97	18.40
1			99	17.22	17.30	17.14	18.40	
50			0	16.28	16.19	16.43	17.40	
50			25	16.25	16.37	16.30	17.40	
50			50	16.55	16.40	16.18	17.40	
100			0	16.32	16.27	16.31	17.40	
256QAM		1	0	14.47	14.63	14.67	15.40	
		1	50	14.59	14.51	14.58	15.40	
		1	99	14.61	14.54	14.75	15.40	
		50	0	14.49	14.56	14.38	15.40	
		50	25	14.59	14.59	14.78	15.40	
		50	50	14.34	14.43	14.80	15.40	
		100	0	14.60	14.63	14.79	15.40	

LTE Band 4 Default&DSI1&4				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19957	20175	20393	
1.4MHz	QPSK	1	0	23.31	23.28	23.22	24.70
		1	2	23.09	23.23	23.23	24.70
		1	5	23.15	23.12	23.26	24.70

		3	0	23.12	23.25	23.22	24.70
		3	2	23.14	23.28	23.15	24.70
		3	3	23.11	23.22	23.22	24.70
		6	0	22.15	22.34	22.26	23.70
	16QAM	1	0	22.27	22.37	22.28	23.70
		1	2	22.33	22.35	22.49	23.70
		1	5	22.44	22.38	22.32	23.70
		3	0	22.39	22.31	22.31	23.70
		3	2	22.38	22.39	22.27	23.70
		3	3	22.39	22.40	22.30	23.70
		6	0	21.33	21.40	21.47	22.70
		64QAM	1	0	21.34	21.40	21.48
	1		2	21.33	21.48	21.29	22.70
	1		5	21.42	21.40	21.44	22.70
	3		0	21.39	21.36	21.39	22.70
	3		2	21.44	21.42	21.35	22.70
	3		3	21.46	21.40	21.34	22.70
	6		0	20.47	20.43	20.48	21.70
	256QAM	1	0	18.65	18.82	18.77	19.70
		1	2	18.55	18.66	18.78	19.70
		1	5	18.76	18.52	18.81	19.70
		3	0	18.78	18.88	18.69	19.70
		3	2	18.69	18.75	18.64	19.70
		3	3	18.57	18.66	18.73	19.70
6		0	18.60	18.60	18.87	19.70	
Bandwidth	Modulation	RB size	RB offset	Channel 19965	Channel 20175	Channel 20385	Tune up
3MHz	QPSK	1	0	23.30	23.32	23.29	24.70
		1	7	23.24	23.32	23.31	24.70
		1	14	23.27	23.27	23.35	24.70
		8	0	22.35	22.31	22.35	23.70
		8	4	22.42	22.36	22.42	23.70
		8	7	22.45	22.40	22.43	23.70
		15	0	22.39	22.35	22.32	23.70
	16QAM	1	0	22.47	22.48	22.44	23.70
		1	7	22.44	22.47	22.48	23.70
		1	14	22.40	22.41	22.41	23.70
		8	0	21.51	21.53	21.53	22.70
		8	4	21.46	21.52	21.50	22.70
		8	7	21.48	21.50	21.44	22.70
		15	0	21.49	21.46	21.54	22.70
	64QAM	1	0	21.55	21.54	21.51	22.70
		1	7	21.53	21.45	21.50	22.70
		1	14	21.47	21.49	21.46	22.70
		8	0	20.57	20.59	20.61	21.70
		8	4	20.61	20.58	20.53	21.70
		8	7	20.53	20.59	20.59	21.70
		15	0	20.55	20.57	20.52	21.70
	256QAM	1	0	18.68	18.88	18.70	19.70
		1	7	18.62	18.65	18.77	19.70
		1	14	18.83	18.58	18.91	19.70

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19975	20175	20375	
5MHz	QPSK	8	0	18.76	18.87	18.71	19.70
		8	4	18.65	18.76	18.65	19.70
		8	7	18.61	18.67	18.70	19.70
		15	0	18.61	18.62	18.87	19.70
		1	0	23.36	23.31	23.29	24.70
		1	13	23.28	23.25	23.23	24.70
		1	24	23.35	23.29	23.29	24.70
	16QAM	12	0	22.37	22.30	22.35	23.70
		12	6	22.39	22.34	22.35	23.70
		12	13	22.39	22.45	22.44	23.70
		25	0	22.31	22.32	22.30	23.70
		1	0	22.47	22.41	22.37	23.70
		1	13	22.47	22.44	22.38	23.70
		1	24	22.44	22.43	22.40	23.70
	64QAM	12	0	21.54	21.48	21.48	22.70
		12	6	21.54	21.49	21.47	22.70
		12	13	21.48	21.50	21.52	22.70
		25	0	21.54	21.49	21.47	22.70
		1	0	21.48	21.53	21.48	22.70
		1	13	21.52	21.45	21.54	22.70
		1	24	21.53	21.50	21.49	22.70
	256QAM	12	0	20.55	20.58	20.57	21.70
		12	6	20.57	20.58	20.57	21.70
		12	13	20.59	20.63	20.62	21.70
		25	0	20.54	20.56	20.59	21.70
		1	0	18.66	18.86	18.77	19.70
		1	13	18.63	18.65	18.74	19.70
		1	24	18.83	18.59	18.86	19.70
10MHz	QPSK	12	0	18.81	18.87	18.68	19.70
		12	6	18.64	18.69	18.69	19.70
12		13	18.57	18.75	18.73	19.70	
25		0	18.71	18.58	18.79	19.70	
1		0	23.36	23.31	23.28	24.70	
1		25	23.22	23.26	23.29	24.70	
1		49	23.30	23.37	23.33	24.70	
16QAM	25	0	22.37	22.33	22.38	23.70	
	25	13	22.34	22.40	22.37	23.70	
	25	25	22.40	22.47	22.42	23.70	
	50	0	22.30	22.33	22.32	23.70	
	1	0	22.39	22.47	22.38	23.70	
	1	25	22.39	22.44	22.46	23.70	
	1	49	22.38	22.42	22.37	23.70	
	25	0	21.44	21.45	21.54	22.70	
	25	13	21.46	21.54	21.47	22.70	
	25	25	21.54	21.54	21.55	22.70	
64QAM	50	0	21.47	21.52	21.51	22.70	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20000	20175	20350	
10MHz	64QAM	1	0	21.50	21.55	21.52	22.70

		1	25	21.52	21.50	21.52	22.70
		1	49	21.55	21.55	21.46	22.70
		25	0	20.57	20.61	20.58	21.70
		25	13	20.53	20.55	20.59	21.70
		25	25	20.58	20.56	20.61	21.70
	256QAM	50	0	20.53	20.62	20.56	21.70
		1	0	18.64	18.86	18.73	19.70
		1	25	18.65	18.66	18.79	19.70
		1	49	18.80	18.55	18.80	19.70
		25	0	18.79	18.88	18.62	19.70
		25	13	18.71	18.72	18.73	19.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20025	20175	20325	
15MHz	QPSK	1	0	23.33	23.36	23.32	24.70
		1	38	23.24	23.31	23.23	24.70
		1	74	23.27	23.35	23.34	24.70
		36	0	22.31	22.37	22.31	23.70
		36	18	22.38	22.35	22.36	23.70
		36	39	22.47	22.45	22.43	23.70
		75	0	22.29	22.30	22.37	23.70
	16QAM	1	0	22.40	22.37	22.42	23.70
		1	38	22.46	22.48	22.43	23.70
		1	74	22.39	22.40	22.42	23.70
		36	0	21.51	21.49	21.49	22.70
		36	18	21.45	21.54	21.45	22.70
		36	39	21.48	21.53	21.54	22.70
		75	0	21.51	21.52	21.51	22.70
	64QAM	1	0	21.48	21.51	21.51	22.70
		1	38	21.47	21.46	21.51	22.70
		1	74	21.46	21.50	21.54	22.70
		36	0	20.55	20.57	20.61	21.70
		36	18	20.53	20.61	20.55	21.70
		36	39	20.60	20.59	20.58	21.70
		75	0	20.58	20.61	20.59	21.70
	256QAM	1	0	18.66	18.86	18.75	19.70
		1	38	18.64	18.72	18.75	19.70
		1	74	18.82	18.54	18.80	19.70
		36	0	18.75	18.87	18.61	19.70
		36	18	18.65	18.76	18.71	19.70
		36	39	18.64	18.65	18.73	19.70
		75	0	18.60	18.63	18.80	19.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20050	20175	20300	
20MHz	QPSK	1	0	23.29	23.41	23.38	24.70
		1	50	23.29	23.25	23.24	24.70
		1	99	23.36	23.36	23.36	24.70
		50	0	22.35	22.27	22.37	23.70
		50	25	22.36	22.40	22.39	23.70
		50	50	22.39	22.45	22.38	23.70

	16QAM	100	0	22.33	22.32	22.35	23.70
		1	0	22.46	22.39	22.47	23.70
		1	50	22.47	22.45	22.42	23.70
		1	99	22.37	22.45	22.41	23.70
		50	0	21.53	21.48	21.53	22.70
		50	25	21.48	21.45	21.46	22.70
		50	50	21.47	21.48	21.45	22.70
	100	0	21.51	21.50	21.51	22.70	
	64QAM	1	0	21.52	21.53	21.50	22.70
		1	50	21.51	21.46	21.47	22.70
		1	99	21.52	21.52	21.46	22.70
		50	0	20.59	20.57	20.53	21.70
		50	25	20.63	20.57	20.57	21.70
		50	50	20.54	20.52	20.60	21.70
		100	0	20.56	20.62	20.63	21.70
	256QAM	1	0	18.60	18.87	18.75	19.70
		1	50	18.64	18.75	18.73	19.70
		1	99	18.82	18.54	18.89	19.70
		50	0	18.73	18.88	18.67	19.70
		50	25	18.66	18.69	18.69	19.70
		50	50	18.56	18.74	18.76	19.70
		100	0	18.67	18.62	18.85	19.70

LTE Band 4 DSI3&5				Conducted Power(dBm)				
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				19957	20175	20393		
1.4MHz	QPSK	1	0	21.91	21.83	21.71	23.20	
		1	2	21.90	21.87	21.88	23.20	
		1	5	21.86	21.86	21.85	23.20	
		3	0	21.82	21.82	21.77	23.20	
		3	2	21.86	21.87	21.80	23.20	
		3	3	21.79	21.89	21.76	23.20	
	16QAM	6	0	21.94	21.81	21.79	23.20	
		1	0	21.83	21.82	21.85	23.20	
		1	2	21.81	21.88	21.89	23.20	
		1	5	21.92	21.88	21.82	23.20	
		3	0	21.91	21.88	21.78	23.20	
		3	2	21.82	21.81	21.81	23.20	
		3	3	21.87	21.87	21.80	23.20	
	64QAM	6	0	21.36	21.43	21.50	22.70	
		1	0	21.31	21.39	21.45	22.70	
		1	2	21.27	21.43	21.27	22.70	
		1	5	21.42	21.36	21.42	22.70	
		3	0	21.38	21.39	21.43	22.70	
		3	2	21.45	21.46	21.34	22.70	
		3	3	21.47	21.44	21.32	22.70	
	256QAM	6	0	20.51	20.42	20.50	21.70	
		1	0	18.61	18.80	18.75	19.70	
			1	2	18.55	18.64	18.76	19.70

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19965	20175	20385	
3MHz	QPSK	1	5	18.76	18.47	18.83	19.70
		3	0	18.77	18.86	18.63	19.70
		3	2	18.67	18.73	18.66	19.70
		3	3	18.56	18.69	18.72	19.70
		6	0	18.58	18.63	18.86	19.70
	16QAM	1	0	21.91	21.87	21.87	23.20
		1	7	21.90	21.89	21.72	23.20
		1	14	21.84	21.85	21.77	23.20
		8	0	21.86	21.90	21.83	23.20
		8	4	21.83	21.86	21.78	23.20
		8	7	21.85	21.86	21.82	23.20
	64QAM	1	0	21.98	21.84	21.79	23.20
		1	7	21.86	21.93	21.74	23.20
		1	14	21.88	21.89	21.82	23.20
		8	0	21.48	21.50	21.51	22.70
		8	4	21.48	21.47	21.55	22.70
		8	7	21.48	21.52	21.41	22.70
	256QAM	1	0	21.54	21.48	21.46	22.70
		1	7	21.52	21.45	21.53	22.70
		1	14	21.48	21.48	21.47	22.70
8		0	20.53	20.53	20.63	21.70	
8		4	20.59	20.56	20.48	21.70	
8		7	20.53	20.60	20.59	21.70	
5MHz	QPSK	1	0	18.71	18.92	18.71	19.70
		1	7	18.63	18.67	18.79	19.70
		1	14	18.79	18.56	18.88	19.70
		8	0	18.71	18.87	18.71	19.70
		8	4	18.65	18.72	18.61	19.70
		8	7	18.56	18.67	18.71	19.70
	16QAM	15	0	18.59	18.64	18.81	19.70
		1	0	21.87	21.82	21.78	23.20
		1	13	21.97	21.91	21.81	23.20
		1	24	21.93	21.88	21.82	23.20
		12	0	21.90	21.83	21.75	23.20
		12	6	21.85	21.91	21.82	23.20
16QAM	12	13	21.86	21.92	21.85	23.20	
	25	0	21.91	21.79	21.84	23.20	
	1	0	22.01	21.91	21.84	23.20	
	1	13	21.84	21.89	21.78	23.20	
	1	24	21.91	21.92	21.80	23.20	
	12	0	21.55	21.55	21.50	22.70	
16QAM	12	6	21.49	21.53	21.50	22.70	
	12	13	21.44	21.48	21.42	22.70	
	25	0	21.50	21.42	21.56	22.70	

	64QAM	1	0	21.50	21.56	21.46	22.70
		1	13	21.52	21.48	21.53	22.70
		1	24	21.50	21.43	21.43	22.70
		12	0	20.56	20.59	20.64	21.70
		12	6	20.57	20.62	20.50	21.70
		12	13	20.50	20.63	20.58	21.70
		25	0	20.51	20.54	20.48	21.70
	256QAM	1	0	18.66	18.82	18.69	19.70
		1	13	18.61	18.67	18.74	19.70
		1	24	18.82	18.63	18.91	19.70
		12	0	18.79	18.85	18.73	19.70
		12	6	18.64	18.70	18.60	19.70
		12	13	18.60	18.64	18.73	19.70
		25	0	18.63	18.61	18.87	19.70
Bandwidth	Modulation	RB size	RB offset	Channel 20000	Channel 20175	Channel 20350	Tune up
10MHz	QPSK	1	0	21.87	21.82	21.85	23.20
		1	25	21.91	21.93	21.79	23.20
		1	49	21.86	21.81	21.77	23.20
		25	0	21.88	21.92	21.83	23.20
		25	13	21.81	21.85	21.78	23.20
		25	25	21.95	21.86	21.79	23.20
		50	0	21.92	21.85	21.76	23.20
	16QAM	1	0	21.92	21.86	21.83	23.20
		1	25	21.93	21.86	21.80	23.20
		1	49	21.88	21.93	21.73	23.20
		25	0	21.50	21.56	21.49	22.70
		25	13	21.48	21.52	21.44	22.70
		25	25	21.47	21.50	21.47	22.70
		50	0	21.43	21.48	21.54	22.70
	64QAM	1	0	21.53	21.49	21.55	22.70
		1	25	21.54	21.47	21.45	22.70
		1	49	21.51	21.46	21.44	22.70
		25	0	20.56	20.58	20.62	21.70
		25	13	20.59	20.62	20.50	21.70
		25	25	20.56	20.58	20.62	21.70
		50	0	20.56	20.61	20.54	21.70
	256QAM	1	0	18.66	18.87	18.65	19.70
		1	25	18.64	18.62	18.76	19.70
		1	49	18.82	18.57	18.86	19.70
		25	0	18.71	18.89	18.72	19.70
		25	13	18.60	18.74	18.63	19.70
		25	25	18.64	18.71	18.69	19.70
		50	0	18.63	18.56	18.92	19.70
Bandwidth	Modulation	RB size	RB offset	Channel 20025	Channel 20175	Channel 20325	Tune up
15MHz	QPSK	1	0	21.86	21.83	21.88	23.20
		1	38	21.96	21.89	21.79	23.20
		1	74	21.88	21.81	21.82	23.20
		36	0	21.89	21.84	21.78	23.20
		36	18	21.91	21.88	21.77	23.20

	16QAM	36	39	21.85	21.85	21.82	23.20
		75	0	21.84	21.78	21.78	23.20
		1	0	21.97	21.90	21.79	23.20
		1	38	21.94	21.96	21.79	23.20
		1	74	21.86	21.86	21.78	23.20
		36	0	21.53	21.48	21.54	22.70
		36	18	21.43	21.52	21.52	22.70
		36	39	21.46	21.54	21.47	22.70
	75	0	21.54	21.46	21.52	22.70	
	64QAM	1	0	21.56	21.56	21.56	22.70
		1	38	21.55	21.41	21.48	22.70
		1	74	21.46	21.51	21.40	22.70
		36	0	20.61	20.57	20.55	21.70
		36	18	20.66	20.59	20.49	21.70
		36	39	20.54	20.58	20.58	21.70
	256QAM	75	0	20.54	20.53	20.49	21.70
		1	0	18.63	18.93	18.70	19.70
		1	38	18.62	18.61	18.74	19.70
		1	74	18.85	18.58	18.91	19.70
		36	0	18.70	18.89	18.73	19.70
		36	18	18.62	18.74	18.60	19.70
36		39	18.66	18.67	18.68	19.70	
75	0	18.60	18.61	18.83	19.70		
Bandwidth	Modulation	RB size	RB offset	Channel 20050	Channel 20175	Channel 20300	Tune up
20MHz	QPSK	1	0	21.92	22.03	21.80	23.20
		1	50	21.97	21.90	21.81	23.20
		1	99	21.92	21.83	21.76	23.20
		50	0	21.95	21.99	21.83	23.20
		50	25	21.88	21.93	21.80	23.20
		50	50	21.93	21.89	21.83	23.20
		100	0	21.86	21.88	21.83	23.20
	16QAM	1	0	21.99	21.83	21.86	23.20
		1	50	21.92	21.86	21.73	23.20
		1	99	21.87	21.91	21.76	23.20
		50	0	21.48	21.57	21.58	22.70
		50	25	21.49	21.50	21.44	22.70
		50	50	21.43	21.45	21.39	22.70
		100	0	21.46	21.50	21.59	22.70
	64QAM	1	0	21.55	21.57	21.54	22.70
		1	50	21.48	21.47	21.54	22.70
		1	99	21.48	21.46	21.48	22.70
		50	0	20.55	20.59	20.62	21.70
		50	25	20.65	20.54	20.50	21.70
		50	50	20.48	20.63	20.58	21.70
		100	0	20.51	20.58	20.50	21.70
	256QAM	1	0	18.71	18.91	18.73	19.70
		1	50	18.58	18.69	18.82	19.70
		1	99	18.87	18.61	18.91	19.70
50		0	18.73	18.87	18.73	19.70	
50		25	18.60	18.75	18.66	19.70	

		50	50	18.57	18.71	18.72	19.70
		100	0	18.63	18.60	18.90	19.70

LTE Band 7 Default&DSI1&4				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20775	21100	21425	
5MHz	QPSK	1	0	23.75	23.77	23.78	25.70
		1	13	23.80	23.87	23.72	25.70
		1	24	23.71	23.79	23.79	25.70
		12	0	22.86	22.82	22.73	24.70
		12	6	22.85	22.92	22.85	24.70
		12	13	22.91	22.83	22.91	24.70
	16QAM	25	0	22.80	22.82	22.84	24.70
		1	0	22.85	22.91	22.85	24.70
		1	13	22.95	22.90	22.87	24.70
		1	24	22.88	22.83	22.93	24.70
		12	0	21.97	21.84	21.85	23.70
		12	6	22.04	21.98	22.00	23.70
	64QAM	12	13	21.98	22.03	21.79	23.70
		25	0	21.99	21.90	21.96	23.70
		1	0	21.98	21.96	21.93	23.70
		1	13	22.03	21.95	21.87	23.70
		1	24	22.01	21.90	21.96	23.70
		12	0	20.98	21.00	21.09	22.70
	256QAM	12	6	21.02	20.89	21.06	22.70
		12	13	21.13	21.09	21.02	22.70
		25	0	21.12	20.95	21.01	22.70
		1	0	19.06	19.27	19.22	20.70
		1	13	19.10	19.11	19.23	20.70
		1	24	19.28	19.02	19.34	20.70
10MHz	QPSK	12	0	19.25	19.30	19.14	20.70
		12	6	19.11	19.23	19.18	20.70
		12	13	19.10	19.12	19.22	20.70
		25	0	19.06	19.06	19.31	20.70
		1	0	23.74	23.80	23.77	25.70
		1	25	23.71	23.89	23.77	25.70
	16QAM	1	49	23.78	23.75	23.75	25.70
		25	0	22.90	22.80	23.78	24.70
		25	13	22.79	22.86	22.82	24.70
		25	25	22.90	22.87	22.86	24.70
		50	0	22.79	22.88	22.79	24.70
		1	0	22.96	22.89	22.84	24.70
		1	25	22.89	22.90	22.88	24.70
		1	49	22.83	22.80	22.84	24.70
		25	0	22.01	21.89	21.92	23.70
		25	13	21.99	22.05	21.98	23.70
		25	25	21.92	22.01	21.85	23.70

	64QAM	50	0	21.92	21.85	22.01	23.70
		1	0	21.98	21.90	21.98	23.70
		1	25	22.04	22.01	21.87	23.70
		1	49	22.05	21.86	21.89	23.70
		25	0	21.05	21.01	21.11	22.70
		25	13	21.06	20.94	21.07	22.70
		25	25	21.19	21.15	21.01	22.70
	256QAM	50	0	21.08	20.94	21.01	22.70
		1	0	19.14	19.27	19.12	20.70
		1	25	19.01	19.10	19.14	20.70
		1	49	19.23	19.02	19.35	20.70
		25	0	19.24	19.33	19.08	20.70
		25	13	19.10	19.15	19.10	20.70
		25	25	19.09	19.17	19.21	20.70
50	0	19.08	19.06	19.29	20.70		
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20825	21100	21375	
15MHz	QPSK	1	0	23.74	23.79	23.76	25.70
		1	38	23.77	23.85	23.80	25.70
		1	74	23.77	23.82	23.77	25.70
		36	0	22.86	22.83	22.71	24.70
		36	18	22.82	22.91	22.84	24.70
		36	39	22.84	22.80	22.87	24.70
		75	0	22.77	22.88	22.73	24.70
	16QAM	1	0	22.85	22.93	22.93	24.70
		1	38	22.95	22.85	22.83	24.70
		1	74	22.81	22.80	22.87	24.70
		36	0	21.96	21.88	21.92	23.70
		36	18	22.02	21.99	21.96	23.70
		36	39	22.00	22.02	21.78	23.70
		75	0	21.95	21.91	21.94	23.70
	64QAM	1	0	22.05	21.94	21.93	23.70
		1	38	22.07	21.98	21.93	23.70
		1	74	22.06	21.96	21.96	23.70
		36	0	21.05	21.03	21.09	22.70
		36	18	21.04	20.90	21.06	22.70
		36	39	21.15	21.06	20.97	22.70
		75	0	21.12	20.99	21.08	22.70
	256QAM	1	0	19.06	19.33	19.21	20.70
		1	38	19.01	19.09	19.21	20.70
		1	74	19.20	19.06	19.30	20.70
		36	0	19.21	19.28	19.09	20.70
		36	18	19.09	19.16	19.13	20.70
		36	39	19.09	19.11	19.14	20.70
		75	0	19.15	19.10	19.28	20.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20850	21100	21350	
20MHz	QPSK	1	0	23.81	23.82	23.79	25.70
		1	50	23.70	23.78	23.73	25.70
		1	99	23.80	23.81	23.74	25.70
		50	0	22.83	22.95	22.87	24.70

		50	25	22.81	22.94	22.76	24.70
		50	50	22.76	22.88	22.83	24.70
		100	0	22.79	22.86	22.80	24.70
	16QAM	1	0	22.85	22.88	22.90	24.70
		1	50	22.94	22.85	22.86	24.70
		1	99	22.81	22.86	22.89	24.70
		50	0	21.94	21.92	21.90	23.70
		50	25	22.04	22.06	21.90	23.70
		50	50	21.91	22.03	21.80	23.70
		100	0	21.95	21.87	21.93	23.70
		64QAM	1	0	21.97	21.89	21.96
	1		50	22.03	22.04	21.92	23.70
	1		99	22.09	21.89	21.92	23.70
	50		0	20.98	21.01	21.02	22.70
	50		25	21.00	20.98	21.02	22.70
	50		50	21.11	21.12	21.03	22.70
	256QAM	100	0	21.14	21.00	21.04	22.70
		1	0	19.10	19.34	19.23	20.70
		1	50	19.00	19.09	19.15	20.70
		1	99	19.26	19.02	19.31	20.70
		50	0	19.24	19.24	19.13	20.70
		50	25	19.12	19.19	19.10	20.70
		50	50	19.07	19.12	19.17	20.70
	100	0	19.12	19.10	19.25	20.70	

LTE Band 7 DSI3&5				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20775	21100	21425	
5MHz	QPSK	1	0	19.51	19.52	19.49	21.20
		1	13	19.45	19.57	19.48	21.20
		1	24	19.53	19.59	19.46	21.20
		12	0	19.52	19.47	19.56	21.20
		12	6	19.48	19.60	19.50	21.20
		12	13	19.54	19.58	19.49	21.20
		25	0	19.56	19.49	19.43	21.20
	16QAM	1	0	19.47	19.64	19.49	21.20
		1	13	19.54	19.60	19.52	21.20
		1	24	19.47	19.52	19.50	21.20
		12	0	19.44	19.61	19.52	21.20
		12	6	19.44	19.56	19.47	21.20
		12	13	19.40	19.46	19.48	21.20
	64QAM	25	0	19.52	19.65	19.47	21.20
		1	0	19.53	19.50	19.54	21.20
		1	13	19.57	19.55	19.42	21.20
		1	24	19.49	19.55	19.45	21.20
		12	0	19.45	19.57	19.53	21.20
		12	6	19.44	19.58	19.47	21.20
		12	6	19.44	19.58	19.47	21.20

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				20800	21100	21400		
10MHz	256QAM	12	13	19.46	19.56	19.41	21.20	
		25	0	19.49	19.55	19.49	21.20	
		1	0	19.10	19.27	19.23	20.70	
		1	13	19.05	19.11	19.22	20.70	
		1	24	19.24	19.04	19.34	20.70	
		12	0	19.25	19.26	19.12	20.70	
		12	6	19.13	19.25	19.17	20.70	
		12	13	19.11	19.09	19.21	20.70	
	25	0	19.07	19.09	19.31	20.70		
	10MHz	QPSK	1	0	19.54	19.53	19.48	21.20
			1	25	19.49	19.59	19.51	21.20
			1	49	19.51	19.55	19.41	21.20
			25	0	19.50	19.53	19.54	21.20
			25	13	19.47	19.58	19.41	21.20
			25	25	19.52	19.65	19.48	21.20
			50	0	19.47	19.51	19.47	21.20
		16QAM	1	0	19.46	19.59	19.46	21.20
			1	25	19.57	19.52	19.45	21.20
			1	49	19.45	19.53	19.47	21.20
			25	0	19.40	19.54	19.48	21.20
			25	13	19.41	19.57	19.56	21.20
			25	25	19.49	19.48	19.54	21.20
			50	0	19.48	19.61	19.47	21.20
		64QAM	1	0	19.51	19.52	19.51	21.20
			1	25	19.50	19.60	19.38	21.20
			1	49	19.51	19.51	19.49	21.20
			25	0	19.40	19.50	19.51	21.20
			25	13	19.41	19.52	19.53	21.20
25			25	19.40	19.50	19.41	21.20	
50			0	19.47	19.55	19.48	21.20	
256QAM		1	0	19.09	19.27	19.24	20.70	
		1	25	19.10	19.11	19.19	20.70	
		1	49	19.31	19.01	19.31	20.70	
		25	0	19.25	19.34	19.16	20.70	
		25	13	19.08	19.18	19.16	20.70	
		25	25	19.09	19.08	19.18	20.70	
		50	0	19.05	19.02	19.31	20.70	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
15MHz	QPSK	1	0	19.55	19.57	19.52	21.20	
		1	38	19.48	19.60	19.44	21.20	
		1	74	19.54	19.54	19.50	21.20	
		36	0	19.55	19.56	19.52	21.20	
		36	18	19.50	19.61	19.48	21.20	
		36	39	19.48	19.62	19.58	21.20	
		75	0	19.53	19.50	19.50	21.20	
	16QAM	1	0	19.46	19.59	19.57	21.20	
		1	38	19.56	19.53	19.48	21.20	
		1	74	19.43	19.58	19.51	21.20	
		1	74	19.43	19.58	19.51	21.20	

	64QAM	36	0	19.47	19.58	19.51	21.20
		36	18	19.44	19.55	19.52	21.20
		36	39	19.40	19.55	19.52	21.20
		75	0	19.49	19.67	19.49	21.20
		1	0	19.59	19.53	19.55	21.20
		1	38	19.51	19.63	19.45	21.20
		1	74	19.56	19.56	19.48	21.20
		36	0	19.42	19.51	19.48	21.20
		36	18	19.45	19.59	19.49	21.20
	64QAM	36	39	19.48	19.53	19.44	21.20
	64QAM	75	0	19.52	19.53	19.47	21.20
	256QAM	1	0	19.07	19.24	19.17	20.70
		1	38	19.05	19.06	19.26	20.70
		1	74	19.24	19.05	19.35	20.70
		36	0	19.25	19.29	19.14	20.70
		36	18	19.15	19.25	19.18	20.70
		36	39	19.07	19.09	19.18	20.70
	256QAM	75	0	19.06	19.02	19.26	20.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20850	21100	21350	
20MHz	QPSK	1	0	19.61	19.71	19.67	21.20
		1	50	19.45	19.55	19.48	21.20
		1	99	19.56	19.55	19.47	21.20
		50	0	19.56	19.66	19.57	21.20
		50	25	19.55	19.57	19.43	21.20
		50	50	19.51	19.55	19.50	21.20
		100	0	19.48	19.55	19.48	21.20
	16QAM	1	0	19.51	19.56	19.55	21.20
		1	50	19.49	19.55	19.52	21.20
		1	99	19.44	19.53	19.49	21.20
		50	0	19.44	19.56	19.53	21.20
		50	25	19.47	19.55	19.53	21.20
		50	50	19.42	19.56	19.46	21.20
		100	0	19.57	19.63	19.45	21.20
	64QAM	1	0	19.53	19.57	19.54	21.20
		1	50	19.50	19.60	19.42	21.20
		1	99	19.52	19.54	19.53	21.20
		50	0	19.47	19.50	19.44	21.20
		50	25	19.40	19.52	19.47	21.20
		50	50	19.42	19.49	19.41	21.20
		100	0	19.45	19.61	19.44	21.20
	256QAM	1	0	19.10	19.30	19.23	20.70
		1	50	19.13	19.07	19.18	20.70
		1	99	19.25	19.02	19.28	20.70
		50	0	19.19	19.25	19.13	20.70
		50	25	19.08	19.27	19.18	20.70
		50	50	19.13	19.11	19.16	20.70
100		0	19.05	19.03	19.29	20.70	

LTE Band 7 Default&DSI1&4 ENDC				Conducted Power(dBm)				
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				20775	21100	21425		
5MHz	QPSK	1	0	21.49	21.57	21.39	22.60	
		1	13	21.13	21.34	20.97	22.60	
		1	24	21.32	21.25	21.21	22.60	
		12	0	20.50	20.36	20.42	21.60	
		12	6	20.15	20.25	20.19	21.60	
		12	13	20.03	20.11	20.05	21.60	
	16QAM	25	0	20.30	20.24	20.23	21.60	
		1	0	20.21	20.14	20.34	21.60	
		1	13	20.44	20.25	20.29	21.60	
		1	24	20.39	20.25	20.15	21.60	
		12	0	19.07	19.20	18.90	20.60	
		12	6	19.12	19.30	19.44	20.60	
	64QAM	12	13	19.52	19.48	19.14	20.60	
		25	0	19.26	19.10	19.20	20.60	
		1	0	19.33	19.02	19.43	20.60	
		1	13	19.20	19.25	19.42	20.60	
		1	24	19.27	19.34	19.18	20.60	
		12	0	17.94	18.40	18.34	19.60	
	256QAM	12	6	18.30	18.29	17.94	19.60	
		12	13	18.21	18.04	17.97	19.60	
		25	0	18.28	18.17	18.18	19.60	
		1	0	16.53	16.18	16.35	17.60	
		1	13	16.11	16.27	15.99	17.60	
		1	24	16.16	16.17	16.13	17.60	
	10MHz	QPSK	12	0	16.10	16.45	16.04	17.60
			12	6	16.20	16.02	16.45	17.60
	12		13	16.29	16.48	15.95	17.60	
	25		0	16.39	16.49	16.45	17.60	
1	0		21.33	21.53	21.41	22.60		
1	25		21.24	21.42	20.92	22.60		
1	49		21.35	21.40	21.28	22.60		
10MHz	16QAM	25	0	20.32	20.31	20.24	21.60	
		25	13	20.20	20.23	20.16	21.60	
		25	25	20.14	20.20	20.08	21.60	
		50	0	20.29	20.27	20.30	21.60	
		1	0	20.07	20.30	20.35	21.60	
		1	25	20.25	20.20	20.07	21.60	
	64QAM	1	49	20.33	20.32	20.12	21.60	
		25	0	18.86	19.34	18.96	20.60	
		25	13	19.34	19.33	19.36	20.60	
		25	25	19.52	19.43	19.19	20.60	
		50	0	19.20	19.18	19.13	20.60	
	10MHz	64QAM	1	0	19.43	19.10	19.24	20.60
			1	25	19.27	19.15	19.53	20.60
1			49	19.04	19.38	19.32	20.60	

		25	0	18.18	18.44	18.40	19.60	
		25	13	18.38	18.12	18.14	19.60	
		25	25	18.06	18.01	18.05	19.60	
		50	0	18.30	18.06	18.05	19.60	
	256QAM	1	0	16.47	16.23	16.28	17.60	
		1	25	16.18	16.19	15.98	17.60	
		1	49	16.03	16.21	16.17	17.60	
		25	0	15.88	16.48	16.23	17.60	
		25	13	16.22	16.05	16.30	17.60	
		25	25	16.50	16.54	16.11	17.60	
		50	0	16.34	16.30	16.40	17.60	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
15MHz	QPSK	1	0	20825	21100	21375		
		1	38	21.34	21.43	21.57	22.60	
		1	74	21.28	21.43	21.11	22.60	
		1	74	21.27	21.35	21.19	22.60	
		36	0	20.48	20.26	20.30	21.60	
		36	18	20.25	20.29	20.15	21.60	
		36	39	20.05	20.09	20.16	21.60	
	16QAM	75	0	20.24	20.38	20.24	21.60	
		1	0	20.08	20.20	20.18	21.60	
		1	38	20.40	20.34	20.29	21.60	
		1	74	20.31	20.32	20.10	21.60	
		36	0	18.93	19.40	19.07	20.60	
		36	18	19.37	19.23	19.40	20.60	
	64QAM	36	39	19.51	19.55	19.19	20.60	
		75	0	19.22	19.02	19.07	20.60	
		1	0	19.33	19.14	19.26	20.60	
		1	38	19.40	19.18	19.34	20.60	
		1	74	19.26	19.35	19.31	20.60	
		36	0	18.08	18.44	18.37	19.60	
	256QAM	36	18	18.49	18.19	17.93	19.60	
		36	39	18.19	18.22	18.01	19.60	
		75	0	18.17	18.07	18.13	19.60	
		1	0	16.44	16.13	16.48	17.60	
		1	38	16.19	16.35	16.18	17.60	
		1	74	16.03	16.19	16.21	17.60	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
	20MHz	QPSK	20850	21100	21350			
			1	0	21.55	21.63	21.58	22.60
1			50	21.30	21.57	21.13	22.60	
1			99	21.41	21.42	21.44	22.60	
50			0	20.54	20.43	20.47	21.60	
50			25	20.33	20.37	20.34	21.60	
50			50	20.27	20.25	20.22	21.60	
16QAM		100	0	20.34	20.42	20.37	21.60	
		1	0	20.24	20.32	20.43	21.60	

		1	50	20.47	20.42	20.30	21.60
		1	99	20.45	20.41	20.17	21.60
		50	0	19.11	19.41	19.14	20.60
		50	25	19.37	19.36	19.46	20.60
		50	50	19.54	19.63	19.39	20.60
		100	0	19.33	19.23	19.24	20.60
	64QAM	1	0	19.54	19.26	19.48	20.60
		1	50	19.45	19.30	19.55	20.60
		1	99	19.28	19.58	19.34	20.60
		50	0	18.18	18.58	18.42	19.60
		50	25	18.54	18.32	18.18	19.60
		50	50	18.28	18.23	18.21	19.60
	256QAM	100	0	18.30	18.23	18.22	19.60
		1	0	16.54	16.30	16.52	17.60
		1	50	16.24	16.40	16.23	17.60
		1	99	16.22	16.28	16.29	17.60
		50	0	16.10	16.51	16.24	17.60
		50	25	16.41	16.21	16.51	17.60
		50	50	16.53	16.56	16.17	17.60
	100	0	16.43	16.53	16.56	17.60	

LTE Band 7 DSI3&5 ENDC				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20775	21100	21425	
5MHz	QPSK	1	0	17.00	17.00	17.03	18.10
		1	13	16.84	16.92	16.91	18.10
		1	24	16.67	16.62	16.71	18.10
		12	0	16.71	17.00	16.95	18.10
		12	6	16.54	16.47	16.93	18.10
		12	13	16.79	16.96	16.70	18.10
		25	0	16.78	16.76	16.55	18.10
	16QAM	1	0	16.73	16.71	16.85	18.10
		1	13	16.97	16.73	16.66	18.10
		1	24	16.88	16.85	16.52	18.10
		12	0	16.34	16.60	16.92	18.10
		12	6	16.81	17.01	16.86	18.10
		12	13	16.54	17.01	16.78	18.10
		25	0	16.59	16.76	16.43	18.10
	64QAM	1	0	16.83	16.68	17.01	18.10
		1	13	16.61	16.58	16.92	18.10
		1	24	16.83	16.81	16.81	18.10
		12	0	16.73	16.77	16.35	18.10
		12	6	16.51	17.02	16.65	18.10
		12	13	16.69	16.92	17.04	18.10
		25	0	16.35	16.89	16.48	18.10
	256QAM	1	0	16.23	16.39	16.14	17.60
		1	13	15.97	16.37	16.27	17.60
		1	24	16.16	16.41	16.26	17.60
		12	0	16.26	16.40	16.20	17.60



Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
		12	6	16.38	16.46	16.25		17.60
10MHz	QPSK	12	13	16.37	16.45	16.20	17.60	
		25	0	16.19	16.44	16.48	17.60	
		1	0	16.82	16.96	16.89	18.10	
		1	25	16.89	17.05	16.88	18.10	
		1	49	16.98	16.85	16.41	18.10	
		25	0	16.92	16.82	17.02	18.10	
	16QAM	25	13	16.50	16.48	16.83	18.10	
		25	25	16.87	16.96	16.81	18.10	
		50	0	16.77	16.58	16.55	18.10	
		1	0	16.55	16.96	16.59	18.10	
		1	25	16.95	16.45	16.63	18.10	
		1	49	16.77	16.88	16.43	18.10	
	64QAM	25	0	16.53	16.46	16.76	18.10	
		25	13	16.96	16.88	16.92	18.10	
		25	25	16.56	16.83	16.78	18.10	
		50	0	16.51	16.67	16.60	18.10	
		1	0	16.72	16.82	17.02	18.10	
		1	25	16.60	16.76	16.95	18.10	
	256QAM	1	49	16.68	16.78	16.62	18.10	
		25	0	16.50	16.79	16.49	18.10	
		25	13	16.48	17.05	16.61	18.10	
		25	25	16.39	16.83	16.90	18.10	
		50	0	16.65	16.82	16.77	18.10	
		1	0	15.98	16.51	16.31	17.60	
	15MHz	QPSK	1	25	16.09	16.25	16.51	17.60
1			49	15.86	16.41	16.08	17.60	
25			0	16.17	16.50	16.16	17.60	
25			13	16.26	16.46	16.44	17.60	
25			25	16.30	16.59	16.45	17.60	
50			0	16.27	16.53	16.28	17.60	
16QAM			1	0	16.99	16.99	17.07	18.10
		1	38	16.85	16.92	16.85	18.10	
		1	74	16.99	16.68	16.38	18.10	
		36	0	16.66	16.77	16.81	18.10	
		36	18	16.54	16.48	16.73	18.10	
		36	39	16.76	16.92	16.74	18.10	
		75	0	16.77	16.61	16.68	18.10	
64QAM		1	0	16.58	16.86	16.64	18.10	
		1	38	16.81	16.61	16.39	18.10	
		1	74	16.88	16.72	16.67	18.10	
		36	0	16.50	16.74	16.75	18.10	
		36	18	16.69	16.97	16.85	18.10	
		36	39	16.64	16.82	16.50	18.10	
15MHz		64QAM	75	0	16.67	16.79	16.38	18.10
			1	0	16.91	16.90	16.97	18.10
Bandwidth		Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					20800	21100	21400	
Bandwidth		Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					20825	21100	21375	
15MHz	64QAM	1	38	16.60	16.58	16.99	18.10	
		1	38	16.60	16.58	16.99	18.10	

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				20850	21100	21350		
20MHz	256QAM	1	74	16.73	16.71	16.75	18.10	
		36	0	16.70	17.07	16.56	18.10	
		36	18	16.75	16.86	16.69	18.10	
		36	39	16.55	16.67	16.90	18.10	
		75	0	16.46	16.72	16.67	18.10	
		1	0	16.30	16.42	16.20	17.60	
		1	38	16.19	16.34	16.52	17.60	
		1	74	15.85	16.28	16.19	17.60	
		36	0	16.39	16.38	16.23	17.60	
		36	18	16.48	16.33	16.24	17.60	
	36	39	16.13	16.63	16.42	17.60		
	75	0	16.16	16.30	16.35	17.60		
	20MHz	QPSK	1	0	17.08	17.16	17.11	18.10
			1	50	16.94	17.09	17.02	18.10
			1	99	17.00	16.87	16.71	18.10
			50	0	16.95	17.01	17.03	18.10
			50	25	16.75	16.75	16.96	18.10
			50	50	16.93	16.99	16.91	18.10
			100	0	16.88	16.92	16.70	18.10
		16QAM	1	0	16.87	17.05	16.88	18.10
			1	50	17.05	16.76	16.66	18.10
			1	99	16.91	16.89	16.72	18.10
			50	0	16.68	16.74	16.93	18.10
			50	25	17.02	17.02	17.10	18.10
			50	50	16.72	17.14	16.81	18.10
			100	0	16.68	16.87	16.72	18.10
		64QAM	1	0	16.95	16.99	17.05	18.10
			1	50	16.93	16.90	17.00	18.10
1			99	16.86	16.84	16.83	18.10	
50			0	16.78	17.09	16.70	18.10	
50			25	16.83	17.06	16.95	18.10	
50			50	16.71	16.96	17.06	18.10	
100			0	16.69	16.95	16.80	18.10	
256QAM		1	0	16.30	16.62	16.45	17.60	
		1	50	16.23	16.41	16.55	17.60	
		1	99	16.19	16.42	16.26	17.60	
		50	0	16.50	16.54	16.28	17.60	
		50	25	16.49	16.62	16.44	17.60	
		50	50	16.44	16.63	16.51	17.60	
		100	0	16.38	16.60	16.55	17.60	

LTE Band 66 Default&DSI1&4				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131979	132322	132665	
1.4MHz	QPSK	1	0	22.40	22.30	22.37	24.00
		1	2	22.26	22.32	22.28	24.00
		1	5	22.28	22.30	22.46	24.00

		3	0	22.23	22.34	22.32	24.00
		3	1	22.24	22.40	22.26	24.00
		3	3	22.18	22.32	22.28	24.00
		6	0	21.34	21.45	21.27	23.00
	16QAM	1	0	21.42	21.49	21.35	23.00
		1	2	21.41	21.39	21.54	23.00
		1	5	21.49	21.41	21.45	23.00
		3	0	21.48	21.49	21.40	23.00
		3	1	21.51	21.50	21.41	23.00
		3	3	21.48	21.40	21.45	23.00
		6	0	20.50	20.51	20.63	22.00
		64QAM	1	0	20.54	20.51	20.60
	1		2	20.49	20.48	20.44	22.00
	1		5	20.57	20.56	20.44	22.00
	3		0	20.53	20.51	20.55	22.00
	3		1	20.50	20.55	20.48	22.00
	3		3	20.53	20.57	20.49	22.00
	6		0	19.56	19.59	19.56	21.00
	256QAM	1	0	17.60	17.87	17.71	19.00
		1	2	17.61	17.68	17.76	19.00
		1	5	17.75	17.59	17.82	19.00
		3	0	17.78	17.80	17.67	19.00
		3	1	17.64	17.69	17.64	19.00
		3	3	17.57	17.70	17.77	19.00
6		0	17.61	17.62	17.85	19.00	
Bandwidth	Modulation	RB size	RB offset	Channel 131987	Channel 132322	Channel 132657	Tune up
3MHz	QPSK	1	0	22.31	22.42	22.28	24.00
		1	7	22.17	22.45	22.25	24.00
		1	14	22.29	22.35	22.33	24.00
		8	0	21.36	21.39	21.28	23.00
		8	4	21.38	21.46	21.38	23.00
		8	7	21.44	21.40	21.48	23.00
		15	0	21.31	21.37	21.38	23.00
	16QAM	1	0	21.49	21.53	21.44	23.00
		1	7	21.48	21.34	21.45	23.00
		1	14	21.41	21.34	21.43	23.00
		8	0	20.47	20.44	20.44	22.00
		8	4	20.57	20.58	20.45	22.00
		8	7	20.48	20.59	20.41	22.00
		15	0	20.51	20.45	20.57	22.00
	64QAM	1	0	20.58	20.50	20.53	22.00
		1	7	20.62	20.52	20.43	22.00
		1	14	20.63	20.49	20.43	22.00
		8	0	19.54	19.52	19.60	21.00
		8	4	19.58	19.46	19.65	21.00
		8	7	19.69	19.64	19.54	21.00
		15	0	19.59	19.58	19.60	21.00
	256QAM	1	0	17.64	17.85	17.74	19.00
		1	7	17.65	17.65	17.71	19.00
		1	14	17.77	17.53	17.90	19.00

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				131997	132322	132647		
5MHz	QPSK	8	0	17.79	17.81	17.66	19.00	
		8	4	17.64	17.74	17.65	19.00	
		8	7	17.60	17.65	17.77	19.00	
		15	0	17.64	17.56	17.80	19.00	
	16QAM	QPSK	1	0	22.36	22.32	22.25	24.00
			1	13	22.22	22.44	22.25	24.00
			1	24	22.26	22.36	22.35	24.00
			12	0	21.38	21.39	21.25	23.00
			12	6	21.33	21.40	21.44	23.00
			12	13	21.42	21.39	21.48	23.00
		16QAM	25	0	21.33	21.40	21.31	23.00
			1	0	21.42	21.44	21.42	23.00
			1	13	21.43	21.35	21.42	23.00
			1	24	21.40	21.34	21.48	23.00
			12	0	20.53	20.40	20.45	22.00
			12	6	20.54	20.52	20.46	22.00
	64QAM	12	13	20.54	20.53	20.37	22.00	
		25	0	20.55	20.46	20.49	22.00	
		1	0	20.61	20.51	20.48	22.00	
		1	13	20.64	20.52	20.41	22.00	
		1	24	20.60	20.43	20.47	22.00	
		12	0	19.52	19.58	19.62	21.00	
		12	6	19.56	19.53	19.64	21.00	
		12	13	19.68	19.62	19.51	21.00	
	256QAM	25	0	19.63	19.58	19.63	21.00	
		1	0	17.67	17.88	17.72	19.00	
		1	13	17.60	17.71	17.69	19.00	
		1	24	17.77	17.61	17.89	19.00	
12		0	17.74	17.89	17.62	19.00		
12		6	17.66	17.71	17.66	19.00		
12		13	17.65	17.71	17.70	19.00		
25		0	17.70	17.64	17.82	19.00		
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
10MHz	QPSK	132022		132022	132322	132622		
		1	0	22.32	22.39	22.28	24.00	
		1	25	22.19	22.37	22.31	24.00	
		1	49	22.30	22.29	22.29	24.00	
		25	0	21.41	21.34	21.22	23.00	
		25	13	21.33	21.48	21.42	23.00	
		25	25	21.46	21.40	21.49	23.00	
	16QAM	50	0	21.34	21.40	21.33	23.00	
		1	0	21.49	21.44	21.48	23.00	
		1	25	21.47	21.37	21.37	23.00	
		1	49	21.38	21.31	21.47	23.00	
		25	0	20.51	20.40	20.49	22.00	
		25	13	20.52	20.51	20.44	22.00	
		25	25	20.49	20.50	20.39	22.00	
	64QAM	50	0	20.54	20.46	20.48	22.00	
		1	0	20.62	20.43	20.49	22.00	

		1	25	20.56	20.52	20.42	22.00		
		1	49	20.60	20.45	20.43	22.00		
		25	0	19.55	19.61	19.64	21.00		
		25	13	19.60	19.53	19.59	21.00		
		25	25	19.73	19.61	19.58	21.00		
	256QAM	50	0	19.68	19.53	19.66	21.00		
		1	0	17.65	17.87	17.73	19.00		
		1	25	17.56	17.66	17.72	19.00		
		1	49	17.81	17.61	17.90	19.00		
		25	0	17.81	17.88	17.67	19.00		
		25	13	17.65	17.78	17.66	19.00		
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up		
				132047	132322	132597			
		15MHz	QPSK	1	0	22.29	22.38	22.25	24.00
				1	38	22.21	22.37	22.24	24.00
				1	74	22.32	22.35	22.37	24.00
				36	0	21.40	21.37	21.30	23.00
				36	18	21.31	21.43	21.43	23.00
				36	39	21.44	21.40	21.47	23.00
75	0			21.29	21.37	21.30	23.00		
16QAM	1		0	21.48	21.48	21.39	23.00		
	1		38	21.47	21.45	21.39	23.00		
	1		74	21.39	21.42	21.44	23.00		
	36		0	20.49	20.43	20.44	22.00		
	36		18	20.51	20.58	20.45	22.00		
	36		39	20.54	20.57	20.35	22.00		
	75		0	20.54	20.44	20.51	22.00		
64QAM	1		0	20.54	20.44	20.45	22.00		
	1		38	20.62	20.60	20.44	22.00		
	1		74	20.59	20.48	20.45	22.00		
	36		0	19.54	19.58	19.61	21.00		
	36		18	19.57	19.43	19.63	21.00		
	36		39	19.66	19.68	19.58	21.00		
	75		0	19.67	19.57	19.56	21.00		
256QAM	1		0	17.63	17.88	17.75	19.00		
	1		38	17.58	17.65	17.69	19.00		
	1		74	17.82	17.58	17.88	19.00		
	36		0	17.82	17.84	17.70	19.00		
	36		18	17.64	17.75	17.69	19.00		
	36		39	17.65	17.71	17.77	19.00		
	75		0	17.70	17.61	17.85	19.00		
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up		
				132072	132322	132572			
20MHz	QPSK	1	0	22.32	22.49	22.29	24.00		
		1	50	22.17	22.40	22.24	24.00		
		1	99	22.32	22.34	22.29	24.00		
		50	0	21.40	21.52	21.23	23.00		
		50	25	21.32	21.44	21.41	23.00		
		50	50	21.36	21.41	21.41	23.00		

	16QAM	100	0	21.33	21.35	21.34	23.00
		1	0	21.43	21.44	21.42	23.00
		1	50	21.47	21.44	21.43	23.00
		1	99	21.40	21.35	21.46	23.00
		50	0	20.46	20.45	20.44	22.00
		50	25	20.57	20.54	20.51	22.00
		50	50	20.48	20.59	20.36	22.00
	100	0	20.56	20.49	20.49	22.00	
	64QAM	1	0	20.56	20.44	20.55	22.00
		1	50	20.64	20.54	20.44	22.00
		1	99	20.54	20.47	20.53	22.00
		50	0	19.57	19.51	19.63	21.00
		50	25	19.60	19.53	19.62	21.00
		50	50	19.66	19.62	19.56	21.00
	256QAM	100	0	19.68	19.55	19.61	21.00
		1	0	17.69	17.91	17.67	19.00
		1	50	17.66	17.69	17.70	19.00
		1	99	17.73	17.56	17.82	19.00
		50	0	17.75	17.86	17.62	19.00
		50	25	17.65	17.74	17.65	19.00
		50	50	17.64	17.66	17.69	19.00
	100	0	17.66	17.54	17.78	19.00	

LTE Band 66 DSI3&5				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131979	132322	132665	
1.4MHz	QPSK	1	0	21.50	21.40	21.50	23.00
		1	2	21.28	21.42	21.39	23.00
		1	5	21.31	21.29	21.62	23.00
		3	0	21.32	21.45	21.36	23.00
		3	1	21.36	21.47	21.35	23.00
		3	3	21.33	21.36	21.39	23.00
		6	0	21.36	21.39	21.28	23.00
	16QAM	1	0	21.41	21.52	21.36	23.00
		1	2	21.41	21.38	21.51	23.00
		1	5	21.47	21.39	21.49	23.00
		3	0	21.46	21.49	21.44	23.00
		3	1	21.51	21.50	21.42	23.00
		3	3	21.51	21.42	21.45	23.00
		6	0	20.51	20.54	20.57	22.00
	64QAM	1	0	20.54	20.49	20.59	22.00
		1	2	20.48	20.45	20.44	22.00
		1	5	20.54	20.55	20.42	22.00
		3	0	20.50	20.54	20.49	22.00
		3	1	20.45	20.50	20.47	22.00
		3	3	20.48	20.56	20.43	22.00
		6	0	19.52	19.58	19.52	21.00
	256QAM	1	0	17.60	17.86	17.70	19.00
		1	2	17.65	17.68	17.80	19.00

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131987	132322	132657	
3MHz	QPSK	1	5	17.77	17.63	17.79	19.00
		3	0	17.83	17.85	17.72	19.00
		3	1	17.65	17.66	17.58	19.00
		3	3	17.54	17.69	17.74	19.00
		6	0	17.62	17.58	17.81	19.00
	16QAM	1	0	21.57	21.36	21.52	23.00
		1	7	21.34	21.37	21.37	23.00
		1	14	21.27	21.38	21.53	23.00
		8	0	21.35	21.38	21.24	23.00
		8	4	21.37	21.45	21.42	23.00
		8	7	21.46	21.44	21.52	23.00
		15	0	21.30	21.41	21.42	23.00
	64QAM	1	0	21.45	21.54	21.44	23.00
		1	7	21.51	21.31	21.46	23.00
		1	14	21.42	21.37	21.43	23.00
		8	0	20.41	20.47	20.46	22.00
		8	4	20.59	20.58	20.40	22.00
		8	7	20.48	20.55	20.40	22.00
	256QAM	1	0	20.56	20.49	20.53	22.00
		1	7	20.56	20.54	20.42	22.00
		1	14	20.58	20.49	20.44	22.00
		8	0	19.52	19.49	19.56	21.00
		8	4	19.61	19.48	19.70	21.00
		8	7	19.72	19.59	19.54	21.00
		15	0	19.58	19.61	19.61	21.00
	QPSK	1	0	17.64	17.88	17.74	19.00
		1	7	17.69	17.68	17.67	19.00
		1	14	17.81	17.54	17.94	19.00
8		0	17.74	17.77	17.63	19.00	
8		4	17.69	17.79	17.61	19.00	
8		7	17.59	17.62	17.72	19.00	
15		0	17.68	17.56	17.82	19.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
5MHz	QPSK	1	0	21.51	21.36	21.47	23.00
		1	13	21.33	21.41	21.46	23.00
		1	24	21.34	21.38	21.51	23.00
		12	0	21.34	21.42	21.30	23.00
		12	6	21.35	21.45	21.40	23.00
		12	13	21.44	21.41	21.52	23.00
		25	0	21.27	21.41	21.34	23.00
	16QAM	1	0	21.52	21.47	21.45	23.00
		1	13	21.45	21.34	21.46	23.00
		1	24	21.38	21.37	21.43	23.00
		12	0	20.48	20.39	20.42	22.00
		12	6	20.52	20.58	20.49	22.00
		12	13	20.52	20.59	20.40	22.00
		25	0	20.46	20.41	20.61	22.00
		131997	132322	132647			

	64QAM	1	0	20.52	20.51	20.49	22.00
		1	13	20.57	20.54	20.47	22.00
		1	24	20.61	20.45	20.43	22.00
		12	0	19.59	19.50	19.63	21.00
		12	6	19.58	19.47	19.63	21.00
		12	13	19.68	19.60	19.57	21.00
		25	0	19.55	19.58	19.54	21.00
	256QAM	1	0	17.67	17.87	17.68	19.00
		1	13	17.64	17.62	17.66	19.00
		1	24	17.75	17.49	17.88	19.00
		12	0	17.77	17.82	17.65	19.00
		12	6	17.62	17.72	17.67	19.00
		12	13	17.55	17.66	17.80	19.00
		25	0	17.68	17.52	17.79	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132022	132322	132622	
10MHz	QPSK	1	0	21.50	21.35	21.50	23.00
		1	25	21.30	21.37	21.44	23.00
		1	49	21.28	21.37	21.50	23.00
		25	0	21.36	21.35	21.24	23.00
		25	13	21.43	21.45	21.33	23.00
		25	25	21.48	21.36	21.51	23.00
		50	0	21.31	21.37	21.38	23.00
	16QAM	1	0	21.52	21.54	21.40	23.00
		1	25	21.52	21.31	21.47	23.00
		1	49	21.35	21.36	21.47	23.00
		25	0	20.45	20.42	20.46	22.00
		25	13	20.59	20.56	20.42	22.00
		25	25	20.44	20.62	20.46	22.00
		50	0	20.55	20.46	20.52	22.00
	64QAM	1	0	20.61	20.47	20.49	22.00
		1	25	20.59	20.49	20.39	22.00
		1	49	20.58	20.44	20.39	22.00
		25	0	19.55	19.54	19.60	21.00
		25	13	19.56	19.45	19.68	21.00
		25	25	19.70	19.67	19.59	21.00
		50	0	19.58	19.57	19.63	21.00
	256QAM	1	0	17.69	17.87	17.73	19.00
		1	25	17.68	17.60	17.73	19.00
		1	49	17.75	17.52	17.89	19.00
		25	0	17.76	17.75	17.64	19.00
		25	13	17.62	17.71	17.62	19.00
		25	25	17.64	17.62	17.74	19.00
		50	0	17.60	17.59	17.80	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132047	132322	132597	
15MHz	QPSK	1	0	21.51	21.38	21.44	23.00
		1	38	21.32	21.40	21.39	23.00
		1	74	21.28	21.42	21.50	23.00
		36	0	21.40	21.38	21.27	23.00
		36	18	21.43	21.45	21.33	23.00

	16QAM	36	39	21.41	21.45	21.52	23.00
		75	0	21.29	21.40	21.39	23.00
		1	0	21.54	21.57	21.49	23.00
		1	38	21.50	21.38	21.43	23.00
		1	74	21.38	21.37	21.46	23.00
		36	0	20.52	20.41	20.44	22.00
		36	18	20.56	20.53	20.45	22.00
		36	39	20.52	20.55	20.44	22.00
	64QAM	75	0	20.54	20.47	20.56	22.00
		1	0	20.57	20.48	20.54	22.00
		1	38	20.65	20.56	20.39	22.00
		1	74	20.58	20.47	20.48	22.00
		36	0	19.57	19.46	19.61	21.00
		36	18	19.62	19.41	19.66	21.00
		36	39	19.73	19.63	19.59	21.00
	256QAM	75	0	19.56	19.60	19.59	21.00
		1	0	17.63	17.89	17.70	19.00
		1	38	17.69	17.65	17.75	19.00
		1	74	17.73	17.51	17.86	19.00
		36	0	17.79	17.75	17.67	19.00
		36	18	17.64	17.72	17.62	19.00
36		39	17.60	17.70	17.72	19.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132072	132322	132572	
20MHz	QPSK	1	0	21.52	21.62	21.49	23.00
		1	50	21.33	21.41	21.47	23.00
		1	99	21.35	21.42	21.48	23.00
		50	0	21.44	21.51	21.47	23.00
		50	25	21.39	21.41	21.42	23.00
		50	50	21.42	21.37	21.48	23.00
		100	0	21.32	21.45	21.40	23.00
	16QAM	1	0	21.50	21.48	21.45	23.00
		1	50	21.46	21.35	21.41	23.00
		1	99	21.45	21.39	21.39	23.00
		50	0	20.42	20.42	20.38	22.00
		50	25	20.55	20.61	20.46	22.00
		50	50	20.43	20.56	20.40	22.00
		100	0	20.46	20.42	20.54	22.00
	64QAM	1	0	20.54	20.54	20.56	22.00
		1	50	20.58	20.47	20.44	22.00
		1	99	20.65	20.45	20.44	22.00
		50	0	19.54	19.52	19.63	21.00
		50	25	19.63	19.41	19.62	21.00
		50	50	19.67	19.65	19.50	21.00
		100	0	19.64	19.59	19.59	21.00
256QAM	1	0	17.61	17.89	17.71	19.00	
	1	50	17.65	17.65	17.69	19.00	
	1	99	17.77	17.53	17.90	19.00	
	50	0	17.77	17.79	17.70	19.00	
	50	25	17.66	17.78	17.61	19.00	

		50	50	17.59	17.59	17.72	19.00
		100	0	17.61	17.51	17.80	19.00

LTE Band 66 Default&DSI1&4 ENDC				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131979	132322	132665	
1.4MHz	QPSK	1	0	21.86	22.07	21.91	23.10
		1	2	21.81	21.82	21.99	23.10
		1	5	21.90	21.86	21.88	23.10
		3	0	21.85	21.88	21.89	23.10
		3	1	21.98	21.98	21.76	23.10
		3	3	21.72	22.00	21.77	23.10
	16QAM	6	0	20.99	20.97	21.03	22.10
		1	0	20.82	20.86	20.77	22.10
		1	2	20.90	20.88	20.76	22.10
		1	5	20.67	20.99	20.93	22.10
		3	0	20.70	20.87	20.85	22.10
		3	1	20.77	20.90	20.72	22.10
	64QAM	3	3	20.96	20.95	20.80	22.10
		6	0	19.81	19.95	19.86	21.10
		1	0	19.70	19.80	19.89	21.10
		1	2	19.86	19.94	19.84	21.10
		1	5	19.74	20.00	19.84	21.10
		3	0	19.89	19.85	19.84	21.10
	256QAM	3	1	19.79	19.92	19.90	21.10
		3	3	19.72	19.99	19.86	21.10
		6	0	18.96	18.95	18.77	20.10
		1	0	16.69	16.79	16.76	18.10
		1	2	16.84	16.89	16.69	18.10
		1	5	16.80	16.80	16.83	18.10
3MHz	QPSK	3	0	16.88	16.80	16.78	18.10
		3	1	16.65	16.93	16.69	18.10
		3	3	16.79	16.86	17.01	18.10
		6	0	16.70	16.90	16.81	18.10
		1	0	21.83	22.03	21.91	23.10
		1	7	21.74	21.91	21.97	23.10
	16QAM	1	14	21.87	21.97	21.95	23.10
		8	0	20.84	20.93	20.93	22.10
		8	4	20.95	20.94	20.88	22.10
		8	7	20.68	21.06	20.67	22.10
		15	0	21.00	20.92	20.87	22.10
		1	0	20.83	20.79	20.81	22.10
16QAM	1	7	20.83	20.83	20.78	22.10	
	1	14	20.72	20.90	20.93	22.10	
	8	0	19.86	20.05	19.72	21.10	
	8	4	19.84	19.82	19.81	21.10	
	8	7	19.85	19.90	19.80	21.10	

	64QAM	15	0	19.76	19.80	19.99	21.10
		1	0	19.83	19.92	19.82	21.10
		1	7	19.76	19.89	19.78	21.10
		1	14	19.78	19.96	19.88	21.10
		8	0	18.79	18.84	18.83	20.10
		8	4	18.77	18.89	18.94	20.10
		8	7	18.89	18.97	18.73	20.10
	256QAM	15	0	18.89	18.97	18.75	20.10
		1	0	16.81	16.83	16.75	18.10
		1	7	16.77	16.80	16.78	18.10
		1	14	16.78	16.88	16.84	18.10
		8	0	16.80	16.85	16.86	18.10
		8	4	16.65	17.04	16.67	18.10
		8	7	16.84	16.89	16.91	18.10
15	0	16.84	16.84	16.88	18.10		
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131997	132322	132647	
5MHz	QPSK	1	0	21.92	21.96	22.05	23.10
		1	13	21.79	21.90	21.82	23.10
		1	24	21.88	21.95	21.94	23.10
		12	0	20.83	21.04	20.94	22.10
		12	6	20.86	20.98	20.86	22.10
		12	13	20.83	20.91	20.72	22.10
		25	0	21.01	20.91	21.03	22.10
	16QAM	1	0	20.92	20.89	20.88	22.10
		1	13	20.84	20.93	20.85	22.10
		1	24	20.81	21.03	20.85	22.10
		12	0	19.79	20.04	19.86	21.10
		12	6	19.90	19.81	19.74	21.10
		12	13	19.83	19.90	19.91	21.10
		25	0	19.75	19.90	19.99	21.10
	64QAM	1	0	19.72	19.82	19.81	21.10
		1	13	19.87	19.96	19.71	21.10
		1	24	19.76	19.93	19.97	21.10
		12	0	18.88	18.93	18.75	20.10
		12	6	18.88	18.76	18.99	20.10
		12	13	18.82	18.93	18.72	20.10
		25	0	18.96	18.95	18.73	20.10
	256QAM	1	0	16.78	16.85	16.86	18.10
		1	13	16.81	16.77	16.76	18.10
		1	24	16.88	16.81	16.76	18.10
		12	0	16.89	16.72	16.83	18.10
		12	6	16.78	16.91	16.85	18.10
		12	13	16.88	16.90	17.00	18.10
		25	0	16.70	16.85	16.88	18.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132022	132322	132622	
10MHz	QPSK	1	0	22.02	22.05	21.99	23.10
		1	25	21.68	21.80	21.93	23.10
		1	49	21.84	22.00	21.99	23.10
		25	0	20.83	20.99	20.86	22.10

	16QAM	25	13	21.02	21.01	20.86	22.10	
		25	25	20.70	21.04	20.71	22.10	
		50	0	20.98	20.99	21.00	22.10	
		1	0	20.81	20.78	20.75	22.10	
		1	25	20.95	20.87	20.76	22.10	
		1	49	20.80	20.93	20.90	22.10	
		25	0	19.76	19.99	19.75	21.10	
		25	13	19.93	19.92	19.72	21.10	
		25	25	19.93	20.02	19.85	21.10	
	50	0	19.80	19.81	19.91	21.10		
	64QAM	1	0	19.81	19.81	19.81	21.10	
		1	25	19.96	19.80	19.71	21.10	
		1	49	19.80	19.90	19.85	21.10	
		25	0	18.86	18.80	18.85	20.10	
		25	13	18.81	18.90	18.85	20.10	
		25	25	18.70	18.99	18.88	20.10	
	256QAM	50	0	18.84	18.93	18.82	20.10	
		1	0	16.80	16.72	16.84	18.10	
		1	25	16.87	16.83	16.73	18.10	
		1	49	16.84	16.89	16.81	18.10	
		25	0	16.81	16.90	16.86	18.10	
		25	13	16.71	16.90	16.77	18.10	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					132047	132322	132597	
	15MHz	QPSK	1	0	21.97	21.98	22.03	23.10
			1	38	21.70	21.79	21.82	23.10
			1	74	21.80	21.97	21.91	23.10
			36	0	20.82	21.04	20.84	22.10
36			18	20.94	20.99	20.91	22.10	
36			39	20.68	20.96	20.77	22.10	
75			0	20.83	20.81	20.95	22.10	
16QAM		1	0	20.86	20.78	20.83	22.10	
		1	38	20.79	20.98	20.74	22.10	
		1	74	20.77	20.95	20.91	22.10	
		36	0	19.83	20.01	19.78	21.10	
		36	18	19.80	19.75	19.82	21.10	
		36	39	19.84	19.87	19.79	21.10	
		75	0	19.87	19.81	20.02	21.10	
64QAM		1	0	19.79	19.91	19.76	21.10	
		1	38	19.93	19.86	19.75	21.10	
		1	74	19.81	19.99	19.81	21.10	
		36	0	18.79	18.89	18.89	20.10	
		36	18	18.91	18.89	18.99	20.10	
		36	39	18.80	18.90	18.83	20.10	
		75	0	18.87	18.93	18.81	20.10	
256QAM		1	0	16.82	16.84	16.81	18.10	
		1	38	16.83	16.84	16.82	18.10	
		1	74	16.83	16.78	16.88	18.10	
		36	0	16.88	16.82	16.71	18.10	



Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
		36	18	16.67	16.89	16.75	
20MHz	QPSK	36	39	16.91	16.79	17.00	18.10
		75	0	16.83	17.00	16.86	18.10
		1	0	22.03	22.09	22.05	23.10
		1	50	21.83	21.96	22.01	23.10
		1	99	21.95	22.05	22.04	23.10
		50	0	20.96	21.07	21.00	22.10
	16QAM	50	25	21.03	21.03	20.96	22.10
		50	50	20.83	21.08	20.87	22.10
		100	0	21.01	21.00	21.04	22.10
		1	0	20.93	20.96	20.95	22.10
		1	50	20.95	21.02	20.86	22.10
		1	99	20.83	21.04	20.97	22.10
	64QAM	50	0	19.88	20.07	19.88	21.10
		50	25	19.96	19.92	19.86	21.10
		50	50	19.99	20.03	19.96	21.10
		100	0	19.90	20.00	20.02	21.10
		1	0	19.87	19.99	19.93	21.10
		1	50	19.96	19.97	19.89	21.10
	256QAM	1	99	19.91	20.08	19.99	21.10
		50	0	18.92	18.99	18.90	20.10
		50	25	18.92	18.93	19.00	20.10
		50	50	18.90	19.09	18.90	20.10
		100	0	18.97	19.04	18.90	20.10
		1	0	16.87	16.91	16.87	18.10
	256QAM	1	50	16.94	16.94	16.86	18.10
		1	99	16.97	16.97	16.91	18.10
		50	0	16.90	16.91	16.88	18.10
		50	25	16.84	17.05	16.86	18.10
50		50	16.92	16.99	17.04	18.10	
100		0	16.88	17.03	16.96	18.10	

LTE Band 66 DSI3&5 ENDC				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131979	132322	132665	
1.4MHz	QPSK	1	0	21.01	21.12	21.13	22.10
		1	2	20.74	20.96	20.82	22.10
		1	5	20.96	20.83	21.09	22.10
		3	0	20.87	20.96	20.82	22.10
		3	1	20.82	21.04	20.84	22.10
		3	3	20.81	20.95	20.86	22.10
		6	0	20.90	21.06	20.93	22.10
	16QAM	1	0	20.89	21.03	20.90	22.10
		1	2	20.86	20.85	20.92	22.10
		1	5	20.86	21.07	20.91	22.10
		3	0	20.05	20.04	19.96	21.10
		3	1	19.90	20.08	19.89	21.10

	64QAM	3	3	19.97	19.85	19.96	21.10	
		6	0	19.75	19.94	19.82	21.10	
		1	0	19.76	20.07	20.10	21.10	
		1	2	19.95	20.00	19.77	21.10	
		1	5	19.79	19.93	19.89	21.10	
		3	0	18.83	18.89	18.92	20.10	
		3	1	19.03	18.93	18.96	20.10	
		3	3	18.82	18.80	18.90	20.10	
	256QAM	6	0	18.92	19.06	18.94	20.10	
		1	0	16.82	16.89	16.98	18.10	
		1	2	16.83	17.02	16.99	18.10	
		1	5	16.84	16.86	16.88	18.10	
		3	0	16.82	16.87	16.89	18.10	
		3	1	16.83	16.92	16.91	18.10	
3MHz	QPSK	3	3	16.98	16.82	17.00	18.10	
		6	0	16.91	17.11	16.91	18.10	
		1	0	21.07	21.14	21.00	22.10	
		1	7	20.88	20.86	20.89	22.10	
		1	14	20.82	20.96	21.03	22.10	
		8	0	20.91	21.04	20.92	22.10	
		8	4	20.92	20.99	20.83	22.10	
	16QAM	8	7	20.85	20.80	20.85	22.10	
		15	0	20.93	20.95	20.82	22.10	
		1	0	20.88	20.95	20.87	22.10	
		1	7	20.72	20.82	20.80	22.10	
		1	14	20.83	21.04	20.92	22.10	
		8	0	20.04	20.05	19.90	21.10	
		8	4	19.81	19.98	19.90	21.10	
64QAM	8	7	19.95	19.83	20.04	21.10		
	15	0	19.75	19.91	19.88	21.10		
	1	0	19.88	20.02	20.12	21.10		
	1	7	19.84	19.98	19.77	21.10		
	1	14	19.77	19.95	19.85	21.10		
	8	0	18.99	19.02	19.04	20.10		
	8	4	19.02	18.89	18.95	20.10		
256QAM	8	7	18.74	18.91	18.97	20.10		
	15	0	18.98	19.15	18.89	20.10		
	1	0	16.81	16.96	16.99	18.10		
	1	7	16.78	16.97	16.99	18.10		
	1	14	16.92	16.94	16.91	18.10		
	8	0	16.91	17.03	16.98	18.10		
	8	4	16.80	16.79	16.99	18.10		
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				131987	132322	132657		
	5MHz	QPSK	1	0	21.06	21.13	20.99	22.10
			1	13	20.82	20.95	20.87	22.10
			1	24	20.90	20.81	20.96	22.10

		12	0	20.95	20.97	20.86	22.10	
		12	6	20.98	21.00	20.91	22.10	
		12	13	20.92	20.82	20.80	22.10	
		25	0	20.91	21.03	20.89	22.10	
	16QAM	1	0	20.93	21.04	21.01	22.10	
		1	13	20.83	20.96	20.83	22.10	
		1	24	20.82	21.11	20.99	22.10	
		12	0	20.03	19.93	19.79	21.10	
		12	6	19.71	19.95	19.83	21.10	
		12	13	19.83	19.96	19.92	21.10	
		25	0	19.91	19.81	19.92	21.10	
		64QAM	1	0	19.81	20.02	19.98	21.10
	1		13	19.94	19.83	19.81	21.10	
	1		24	19.78	20.03	20.00	21.10	
	12		0	18.85	18.94	18.94	20.10	
	12		6	18.93	18.93	18.92	20.10	
	12		13	18.73	18.83	19.04	20.10	
	25		0	18.94	19.10	18.85	20.10	
	256QAM	1	0	16.73	16.88	17.08	18.10	
		1	13	16.75	16.94	16.91	18.10	
		1	24	16.93	16.90	16.93	18.10	
		12	0	16.75	16.87	17.02	18.10	
		12	6	16.79	16.88	16.96	18.10	
		12	13	17.07	16.86	16.99	18.10	
		25	0	16.88	17.09	16.89	18.10	
	Bandwidth	Modulation	RB size	RB offset	Channel 132022	Channel 132322	Channel 132622	Tune up
	10MHz	QPSK	1	0	21.07	21.01	21.11	22.10
			1	25	20.73	20.97	20.85	22.10
1			49	20.93	20.79	21.08	22.10	
25			0	20.79	20.91	20.88	22.10	
25			13	20.84	21.06	20.89	22.10	
25			25	20.83	20.79	20.84	22.10	
50			0	21.01	21.03	21.01	22.10	
16QAM		1	0	20.86	20.94	20.96	22.10	
		1	25	20.80	20.92	20.80	22.10	
		1	49	20.74	20.98	20.97	22.10	
		25	0	19.97	19.92	19.95	21.10	
		25	13	19.80	20.12	19.93	21.10	
		25	25	19.83	20.00	19.92	21.10	
		50	0	19.77	19.88	19.92	21.10	
64QAM		1	0	19.80	19.96	19.94	21.10	
		1	25	19.85	19.97	19.77	21.10	
		1	49	19.86	20.00	19.92	21.10	
		25	0	18.91	18.94	18.90	20.10	
		25	13	18.96	18.95	18.80	20.10	
		25	25	18.87	18.83	18.92	20.10	
		50	0	18.90	19.04	18.78	20.10	
256QAM		1	0	16.89	16.86	17.02	18.10	
		1	25	16.88	17.10	16.90	18.10	
		1	49	16.97	16.87	16.86	18.10	

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				132047	132322	132597		
15MHz	QPSK	25	0	16.95	16.97	16.89	18.10	
		25	13	16.80	16.88	17.02	18.10	
		25	25	17.03	16.95	16.91	18.10	
		50	0	16.92	17.07	16.91	18.10	
		1	0	20.99	20.97	21.09	22.10	
		1	38	20.71	20.89	20.88	22.10	
		1	74	20.91	20.88	21.06	22.10	
	16QAM	36	0	20.82	20.92	20.88	22.10	
		36	18	20.79	20.93	20.89	22.10	
		36	39	20.92	20.95	20.92	22.10	
		75	0	20.97	20.88	20.95	22.10	
		1	0	20.92	21.04	20.88	22.10	
		1	38	20.73	20.84	20.85	22.10	
		1	74	20.74	21.07	20.95	22.10	
	64QAM	36	0	20.00	19.96	19.95	21.10	
		36	18	19.80	19.97	20.00	21.10	
		36	39	19.85	19.84	19.91	21.10	
		75	0	19.87	19.93	19.93	21.10	
		1	0	19.86	20.04	19.92	21.10	
		1	38	19.89	19.86	19.92	21.10	
		1	74	19.89	19.93	20.02	21.10	
	256QAM	36	0	18.86	18.98	18.88	20.10	
		36	18	19.02	18.89	18.87	20.10	
		36	39	18.81	18.80	19.00	20.10	
		75	0	18.85	19.08	18.87	20.10	
		1	0	16.69	16.84	16.96	18.10	
		1	38	16.74	17.02	17.01	18.10	
		1	74	16.89	16.89	16.92	18.10	
20MHz	QPSK	36	0	16.94	17.05	17.07	18.10	
		36	18	16.70	16.91	16.87	18.10	
		36	39	16.92	16.83	16.87	18.10	
		75	0	16.86	17.10	16.76	18.10	
		1	0	21.08	21.17	21.13	22.10	
		1	50	20.90	21.05	20.96	22.10	
		1	99	21.01	20.98	21.13	22.10	
	16QAM	50	0	20.95	21.07	20.97	22.10	
		50	25	20.98	21.01	20.96	22.10	
		50	50	20.98	20.99	20.99	22.10	
		100	0	21.04	21.07	21.01	22.10	
		1	0	21.01	21.08	21.04	22.10	
		1	50	20.91	21.01	20.95	22.10	
		1	99	20.90	21.12	21.05	22.10	
	64QAM	50	0	20.07	20.06	19.97	21.10	
		50	25	19.91	20.13	20.01	21.10	
		50	50	20.02	20.01	20.10	21.10	
		100	0	19.92	19.99	20.01	21.10	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					132072	132322	132572	
	20MHz	QPSK	1	0	19.91	20.15	20.12	21.10

		1	50	20.04	20.02	19.94	21.10
		1	99	19.90	20.08	20.04	21.10
		50	0	19.02	19.04	19.04	20.10
		50	25	19.07	19.06	19.00	20.10
		50	50	18.91	18.99	19.09	20.10
		100	0	19.04	19.15	18.95	20.10
	256QAM	1	0	16.89	16.99	17.13	18.10
		1	50	16.92	17.13	17.08	18.10
		1	99	17.01	17.01	16.95	18.10
		50	0	16.95	17.06	17.08	18.10
		50	25	16.89	16.97	17.03	18.10
		50	50	17.08	17.02	17.02	18.10
		100	0	17.02	17.12	16.94	18.10

LTE Band 38 Default&DS1&4				Conducted Power(dBm)				
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				37775	38000	38225		
5MHz	QPSK	1	0	23.47	23.41	23.43	25.20	
		1	13	23.37	23.41	23.34	25.20	
		1	24	23.37	23.45	23.39	25.20	
		12	0	22.44	22.38	22.45	24.20	
		12	6	22.43	22.46	22.47	24.20	
		12	13	22.53	22.57	22.58	24.20	
	16QAM	25	0	22.47	22.46	22.47	24.20	
		1	0	22.52	22.51	22.48	24.20	
		1	13	22.48	22.51	22.51	24.20	
		1	24	22.50	22.56	22.50	24.20	
		12	0	21.64	21.65	21.60	23.20	
		12	6	21.64	21.63	21.61	23.20	
	64QAM	12	13	21.60	21.62	21.64	23.20	
		25	0	21.62	21.61	21.55	23.20	
		1	0	21.60	21.62	21.55	23.20	
		1	13	21.63	21.64	21.57	23.20	
		1	24	21.63	21.63	21.64	23.20	
		12	0	20.63	20.71	20.63	22.20	
	256QAM	12	6	20.66	20.65	20.73	22.20	
		12	13	20.66	20.63	20.63	22.20	
		25	0	20.63	20.72	20.66	22.20	
		1	0	18.70	18.90	18.76	20.20	
		1	13	18.62	18.77	18.78	20.20	
		1	24	18.74	18.84	18.87	20.20	
	12	0	18.76	18.86	18.60	20.20		
	12	6	18.75	18.81	18.77	20.20		
	12	13	18.54	18.73	18.71	20.20		
	25	0	18.69	18.60	18.94	20.20		
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
	10MHz	QPSK	1	0	37800	38000	38200	25.20
1			25	23.41	23.40	23.47	25.20	
				37800	38000	38200	25.20	

		1	49	23.46	23.43	23.39	25.20
		25	0	22.38	22.40	22.41	24.20
		25	13	22.47	22.47	22.49	24.20
		25	25	22.54	22.54	22.49	24.20
		50	0	22.48	22.44	22.49	24.20
	16QAM	1	0	22.49	22.57	22.51	24.20
		1	25	22.55	22.50	22.54	24.20
		1	49	22.54	22.52	22.54	24.20
		25	0	21.54	21.61	21.60	23.20
		25	13	21.59	21.62	21.59	23.20
		25	25	21.57	21.55	21.58	23.20
	64QAM	50	0	21.56	21.61	21.61	23.20
		1	0	21.63	21.55	21.55	23.20
		1	25	21.56	21.57	21.64	23.20
		1	49	21.60	21.61	21.54	23.20
		25	0	20.71	20.72	20.62	22.20
		25	13	20.69	20.68	20.66	22.20
		25	25	20.63	20.72	20.71	22.20
	256QAM	50	0	20.70	20.71	20.66	22.20
		1	0	18.65	18.85	18.84	20.20
		1	25	18.60	18.71	18.77	20.20
1		49	18.81	18.84	18.93	20.20	
25		0	18.74	18.85	18.60	20.20	
25		13	18.78	18.83	18.72	20.20	
25		25	18.59	18.72	18.75	20.20	
50	0	18.69	18.61	18.91	20.20		
Bandwidth	Modulation	RB size	RB offset	Channel 37825	Channel 38000	Channel 38175	Tune up
15MHz	QPSK	1	0	23.38	23.46	23.38	25.20
		1	38	23.37	23.37	23.39	25.20
		1	74	23.47	23.39	23.39	25.20
		36	0	22.44	22.37	22.38	24.20
		36	18	22.52	22.47	22.44	24.20
		36	39	22.53	22.53	22.57	24.20
		75	0	22.49	22.49	22.46	24.20
	16QAM	1	0	22.52	22.55	22.54	24.20
		1	38	22.50	22.51	22.57	24.20
		1	74	22.47	22.47	22.49	24.20
		36	0	21.64	21.64	21.59	23.20
		36	18	21.61	21.61	21.61	23.20
		36	39	21.55	21.65	21.59	23.20
		75	0	21.59	21.54	21.57	23.20
	64QAM	1	0	21.62	21.59	21.61	23.20
		1	38	21.55	21.58	21.62	23.20
		1	74	21.65	21.56	21.56	23.20
		36	0	20.67	20.67	20.65	22.20
		36	18	20.63	20.70	20.65	22.20
		36	39	20.62	20.72	20.69	22.20
		75	0	20.70	20.67	20.71	22.20
256QAM	1	0	18.71	18.84	18.83	20.20	
	1	38	18.56	18.71	18.72	20.20	

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				37850	38000	38150		
20MHz	QPSK	1	74	18.73	18.81	18.89	20.20	
		36	0	18.75	18.88	18.61	20.20	
		36	18	18.70	18.83	18.77	20.20	
		36	39	18.65	18.67	18.68	20.20	
		75	0	18.69	18.56	18.93	20.20	
	16QAM	QPSK	1	0	23.48	23.49	23.45	25.20
			1	50	23.33	23.42	23.32	25.20
			1	99	23.45	23.42	23.44	25.20
			50	0	22.45	22.48	22.39	24.20
			50	25	22.51	22.47	22.52	24.20
			50	50	22.47	22.57	22.52	24.20
		16QAM	100	0	22.43	22.45	22.45	24.20
			1	0	22.49	22.49	22.55	24.20
			1	50	22.51	22.54	22.47	24.20
			1	99	22.52	22.53	22.47	24.20
			50	0	21.65	21.59	21.57	23.20
			50	25	21.61	21.56	21.63	23.20
		64QAM	50	50	21.58	21.56	21.59	23.20
			100	0	21.63	21.63	21.58	23.20
			1	0	21.60	21.64	21.61	23.20
			1	50	21.59	21.64	21.64	23.20
			1	99	21.62	21.62	21.56	23.20
			50	0	20.63	20.62	20.66	22.20
	256QAM	50	25	20.72	20.62	20.65	22.20	
		50	50	20.67	20.71	20.65	22.20	
		100	0	20.65	20.70	20.66	22.20	
		1	0	18.69	18.85	18.78	20.20	
		1	50	18.54	18.73	18.77	20.20	
		1	99	18.75	18.75	18.94	20.20	
	256QAM	50	0	18.73	18.86	18.58	20.20	
		50	25	18.75	18.81	18.74	20.20	
		50	50	18.56	18.69	18.66	20.20	
		100	0	18.75	18.56	18.96	20.20	

LTE Band 38 DSI3&5				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37775	38000	38225	
5MHz	QPSK	1	0	21.06	21.14	21.07	22.70
		1	13	21.11	21.03	21.11	22.70
		1	24	21.03	21.15	21.06	22.70
		12	0	21.00	21.13	21.02	22.70
		12	6	21.12	21.09	21.00	22.70
		12	13	20.99	21.15	21.03	22.70
		25	0	21.04	21.18	20.99	22.70
	16QAM	1	0	21.14	21.08	21.01	22.70
		1	13	21.01	21.09	21.12	22.70
		1	24	21.15	21.01	20.98	22.70

	64QAM	12	0	21.08	21.13	21.00	22.70
		12	6	21.00	21.07	21.02	22.70
		12	13	21.03	21.04	20.93	22.70
		25	0	21.07	21.13	21.05	22.70
		1	0	21.05	21.13	21.02	22.70
		1	13	21.06	21.16	21.06	22.70
		1	24	21.04	21.02	21.13	22.70
		12	0	20.62	20.75	20.66	22.20
		12	6	20.67	20.64	20.73	22.20
	12	13	20.67	20.60	20.63	22.20	
	25	0	20.62	20.75	20.71	22.20	
	256QAM	1	0	18.69	18.94	18.74	20.20
		1	13	18.67	18.79	18.76	20.20
		1	24	18.71	18.89	18.83	20.20
		12	0	18.73	18.86	18.57	20.20
		12	6	18.76	18.84	18.80	20.20
		12	13	18.49	18.77	18.65	20.20
	25	0	18.68	18.62	18.98	20.20	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37800	38000	38200	
10MHz	QPSK	1	0	21.04	21.12	20.99	22.70
		1	25	21.06	21.04	21.06	22.70
		1	49	21.05	21.11	21.05	22.70
		25	0	21.06	21.11	20.95	22.70
		25	13	21.07	21.18	21.03	22.70
		25	25	20.97	21.13	20.93	22.70
		50	0	21.04	21.16	20.96	22.70
	16QAM	1	0	21.08	21.03	21.07	22.70
		1	25	21.07	21.14	21.11	22.70
		1	49	21.13	21.07	20.98	22.70
		25	0	21.10	21.15	20.99	22.70
		25	13	20.99	21.13	21.03	22.70
		25	25	21.09	21.05	21.00	22.70
	50	0	21.07	21.17	21.00	22.70	
	64QAM	1	0	21.05	21.15	21.06	22.70
		1	25	21.09	21.07	21.06	22.70
		1	49	21.06	21.05	21.06	22.70
		25	0	20.58	20.71	20.65	22.20
		25	13	20.64	20.65	20.76	22.20
		25	25	20.66	20.57	20.63	22.20
	50	0	20.66	20.70	20.70	22.20	
	256QAM	1	0	18.68	18.85	18.75	20.20
		1	25	18.61	18.75	18.75	20.20
		1	49	18.78	18.89	18.82	20.20
		25	0	18.72	18.91	18.61	20.20
		25	13	18.78	18.77	18.75	20.20
		25	25	18.53	18.75	18.73	20.20
50	0	18.69	18.62	18.96	20.20		
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
15MHz	QPSK	1	0	21.04	21.14	21.02	22.70
				37825	38000	38175	

		1	38	21.07	21.03	21.07	22.70
		1	74	21.03	21.19	21.00	22.70
		36	0	21.02	21.06	20.94	22.70
		36	18	21.05	21.08	21.00	22.70
		36	39	21.01	21.08	20.95	22.70
		75	0	21.07	21.12	20.99	22.70
	16QAM	1	0	21.13	21.05	21.07	22.70
		1	38	21.03	21.13	21.07	22.70
		1	74	21.07	21.03	21.01	22.70
		36	0	21.10	21.14	21.06	22.70
		36	18	21.02	21.14	20.96	22.70
		36	39	21.05	21.06	20.95	22.70
	64QAM	75	0	21.01	21.09	21.01	22.70
		1	0	21.11	21.15	20.97	22.70
		1	38	21.05	21.14	21.03	22.70
		1	74	20.99	21.05	21.06	22.70
		36	0	20.64	20.75	20.68	22.20
		36	18	20.64	20.66	20.71	22.20
	256QAM	36	39	20.70	20.59	20.62	22.20
		75	0	20.60	20.67	20.60	22.20
		1	0	18.70	18.86	18.76	20.20
1		38	18.67	18.82	18.82	20.20	
1		74	18.75	18.87	18.87	20.20	
36		0	18.73	18.89	18.57	20.20	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37850	38000	38150	
20MHz	QPSK	1	0	21.03	21.21	20.99	22.70
		1	50	21.08	21.05	21.05	22.70
		1	99	21.09	21.13	21.03	22.70
		50	0	20.97	21.18	20.98	22.70
		50	25	21.05	21.12	20.99	22.70
		50	50	21.03	21.10	20.99	22.70
		100	0	21.00	21.12	20.98	22.70
	16QAM	1	0	21.12	21.09	21.00	22.70
		1	50	21.02	21.05	21.09	22.70
		1	99	21.14	21.04	21.04	22.70
		50	0	21.11	21.16	20.97	22.70
		50	25	21.01	21.06	20.99	22.70
		50	50	21.10	21.03	21.03	22.70
		100	0	21.03	21.09	21.00	22.70
	64QAM	1	0	21.07	21.10	21.04	22.70
		1	50	21.08	21.07	21.00	22.70
		1	99	21.01	21.09	21.13	22.70
		50	0	20.63	20.68	20.62	22.20
		50	25	20.71	20.62	20.76	22.20
		50	50	20.62	20.61	20.63	22.20
		100	0	20.67	20.71	20.65	22.20
256QAM	1	0	18.68	18.94	18.74	20.20	

		1	50	18.56	18.72	18.77	20.20
		1	99	18.76	18.80	18.86	20.20
		50	0	18.71	18.81	18.55	20.20
		50	25	18.73	18.77	18.72	20.20
		50	50	18.51	18.78	18.73	20.20
		100	0	18.69	18.61	18.93	20.20

LTE Band 38 Default&DSI1&4 ENDC				Conducted Power(dBm)				
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				37775	38000	38225		
5MHz	QPSK	1	0	21.02	20.99	21.13	22.20	
		1	13	21.12	20.98	20.91	22.20	
		1	24	20.76	20.95	20.98	22.20	
		12	0	19.99	20.03	20.15	21.20	
		12	6	19.90	19.97	19.88	21.20	
		12	13	19.83	19.94	19.97	21.20	
	16QAM	25	0	20.02	19.90	19.97	21.20	
		1	0	20.00	20.05	20.10	21.20	
		1	13	19.98	19.93	19.85	21.20	
		1	24	20.08	19.91	19.95	21.20	
		12	0	18.93	18.88	19.06	20.20	
		12	6	18.95	19.06	18.86	20.20	
	64QAM	12	13	18.81	19.05	18.83	20.20	
		25	0	18.94	19.04	19.01	20.20	
		1	0	18.92	18.80	18.89	20.20	
		1	13	18.80	18.88	18.91	20.20	
		1	24	19.02	18.97	18.84	20.20	
		12	0	17.95	18.05	17.98	19.20	
	256QAM	12	6	17.95	17.93	18.01	19.20	
		12	13	17.87	18.12	17.94	19.20	
		25	0	17.90	17.98	18.13	19.20	
		1	0	16.02	16.16	16.07	17.20	
		1	13	15.97	15.89	15.87	17.20	
		1	24	15.79	16.04	15.96	17.20	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					37800	38000	38200	
	10MHz	QPSK	1	0	20.91	21.17	21.02	22.20
			1	25	20.99	21.08	20.80	22.20
			1	49	20.95	21.05	21.11	22.20
			25	0	19.89	19.86	19.99	21.20
25			13	20.09	19.88	19.93	21.20	
25			25	19.98	20.07	19.90	21.20	
16QAM		50	0	19.98	20.01	20.01	21.20	
		1	0	19.90	20.03	20.07	21.20	
		1	25	20.04	19.96	20.02	21.20	

		1	49	20.04	19.99	19.91	21.20	
		25	0	18.89	18.88	18.87	20.20	
		25	13	18.76	18.97	18.83	20.20	
		25	25	18.91	19.02	18.92	20.20	
		50	0	18.96	18.94	18.94	20.20	
	64QAM	1	0	18.94	18.96	19.01	20.20	
		1	25	18.84	18.93	18.82	20.20	
		1	49	19.12	19.04	18.94	20.20	
		25	0	17.94	18.11	17.80	19.20	
		25	13	17.95	18.17	18.03	19.20	
	256QAM	25	25	18.07	17.96	17.95	19.20	
		50	0	17.95	17.97	18.09	19.20	
		1	0	16.11	16.09	15.93	17.20	
		1	25	15.93	15.90	15.99	17.20	
		1	49	15.74	15.93	15.98	17.20	
		25	0	15.90	16.11	15.83	17.20	
		25	13	16.04	15.95	16.05	17.20	
		25	25	15.86	15.84	15.81	17.20	
		50	0	16.11	15.96	15.94	17.20	
		Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
					37825	38000	38175	
15MHz	QPSK	1	0	20.93	21.04	21.13	22.20	
		1	38	20.97	21.11	20.95	22.20	
		1	74	20.75	21.01	21.04	22.20	
		36	0	20.06	19.79	20.14	21.20	
		36	18	19.91	19.95	19.88	21.20	
		36	39	20.03	20.01	19.81	21.20	
		75	0	20.06	19.97	19.79	21.20	
	16QAM	1	0	20.08	20.12	19.86	21.20	
		1	38	19.88	19.93	19.86	21.20	
		1	74	20.01	19.92	20.04	21.20	
		36	0	18.96	18.91	18.96	20.20	
		36	18	18.80	19.04	18.88	20.20	
		36	39	18.86	19.17	18.98	20.20	
		75	0	18.96	18.86	18.95	20.20	
	64QAM	1	0	18.95	18.81	18.93	20.20	
		1	38	18.72	18.96	18.83	20.20	
		1	74	19.12	19.01	18.85	20.20	
		36	0	17.85	18.17	17.89	19.20	
		36	18	17.93	17.98	17.93	19.20	
		36	39	17.86	17.99	18.01	19.20	
		75	0	17.90	17.94	17.88	19.20	
	256QAM	1	0	15.88	16.07	16.08	17.20	
		1	38	15.96	15.87	15.86	17.20	
		1	74	15.74	16.01	15.87	17.20	
		36	0	15.89	15.95	15.89	17.20	
		36	18	16.07	16.11	16.01	17.20	
		36	39	15.75	15.92	15.82	17.20	
		75	0	16.06	16.00	16.15	17.20	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					37850	38000	38150	

20MHz	QPSK	1	0	21.15	21.23	21.19	22.20
		1	50	21.14	21.19	21.03	22.20
		1	99	20.97	21.18	21.16	22.20
		50	0	20.13	20.04	20.15	21.20
		50	25	20.14	20.09	19.99	21.20
		50	50	20.05	20.14	20.02	21.20
		100	0	20.10	20.12	20.04	21.20
	16QAM	1	0	20.11	20.19	20.11	21.20
		1	50	20.05	20.11	20.09	21.20
		1	99	20.15	20.12	20.12	21.20
		50	0	19.12	19.04	19.08	20.20
		50	25	18.98	19.11	19.02	20.20
		50	50	19.06	19.19	19.06	20.20
		100	0	19.05	19.10	19.08	20.20
	64QAM	1	0	19.04	19.03	19.01	20.20
		1	50	18.96	19.07	19.02	20.20
		1	99	19.14	19.04	19.01	20.20
		50	0	18.02	18.19	18.02	19.20
		50	25	18.04	18.17	18.06	19.20
		50	50	18.10	18.21	18.09	19.20
		100	0	18.02	18.11	18.13	19.20
	256QAM	1	0	16.12	16.21	16.10	17.20
		1	50	16.02	16.10	16.09	17.20
		1	99	15.95	16.07	16.00	17.20
		50	0	16.14	16.15	16.00	17.20
		50	25	16.11	16.19	16.18	17.20
		50	50	15.97	16.07	16.04	17.20
		100	0	16.12	16.06	16.17	17.20

LTE Band 38 DSI3&5 ENDC				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37775	38000	38225	
5MHz	QPSK	1	0	18.57	18.58	18.49	19.70
		1	13	18.49	18.39	18.37	19.70
		1	24	18.15	18.46	18.48	19.70
		12	0	18.36	18.28	18.35	19.70
		12	6	18.38	18.37	18.31	19.70
		12	13	18.44	18.48	18.46	19.70
		25	0	18.34	18.53	18.28	19.70
	16QAM	1	0	18.46	18.57	18.40	19.70
		1	13	18.41	18.46	18.31	19.70
		1	24	18.45	18.55	18.42	19.70
		12	0	18.41	18.32	18.35	19.70
		12	6	18.28	18.37	18.26	19.70
		12	13	18.43	18.47	18.44	19.70
		25	0	18.30	18.40	18.49	19.70
	64QAM	1	0	18.44	18.34	18.20	19.70
		1	13	18.33	18.33	18.49	19.70
		1	24	18.54	18.29	18.21	19.70

	256QAM	12	0	17.78	17.96	17.91	19.20
		12	6	17.76	17.94	17.76	19.20
		12	13	17.96	18.12	17.86	19.20
		25	0	17.81	17.96	17.92	19.20
		1	0	15.77	15.88	15.89	17.20
		1	13	15.77	15.94	15.87	17.20
		1	24	15.81	16.03	15.77	17.20
		12	0	15.92	15.92	15.65	17.20
		12	6	15.79	16.02	15.83	17.20
		12	13	15.76	15.71	15.77	17.20
25	0	16.03	15.89	15.97	17.20		
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
10MHz	QPSK	1	0	18.54	18.41	18.62	19.70
		1	25	18.54	18.36	18.29	19.70
		1	49	18.31	18.50	18.59	19.70
		25	0	18.31	18.17	18.44	19.70
		25	13	18.36	18.45	18.18	19.70
		25	25	18.45	18.42	18.34	19.70
		50	0	18.42	18.54	18.30	19.70
	16QAM	1	0	18.50	18.43	18.43	19.70
		1	25	18.36	18.49	18.32	19.70
		1	49	18.49	18.57	18.48	19.70
		25	0	18.45	18.37	18.36	19.70
		25	13	18.28	18.39	18.23	19.70
		25	25	18.41	18.47	18.43	19.70
		50	0	18.37	18.29	18.37	19.70
	64QAM	1	0	18.34	18.32	18.20	19.70
		1	25	18.38	18.40	18.35	19.70
		1	49	18.55	18.26	18.16	19.70
		25	0	17.78	17.98	17.76	19.20
		25	13	17.93	17.86	17.82	19.20
		25	25	17.96	18.12	17.85	19.20
		50	0	17.82	18.00	17.86	19.20
	256QAM	1	0	15.92	16.00	15.94	17.20
		1	25	15.92	15.95	15.79	17.20
		1	49	15.84	15.96	15.76	17.20
		25	0	16.01	16.04	15.78	17.20
		25	13	15.98	15.94	15.81	17.20
		25	25	15.79	15.77	15.79	17.20
		50	0	15.93	15.97	15.95	17.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
15MHz	QPSK	1	0	18.47	18.52	18.56	19.70
		1	38	18.59	18.54	18.38	19.70
		1	74	18.22	18.49	18.53	19.70
		36	0	18.44	18.25	18.29	19.70
		36	18	18.35	18.43	18.18	19.70
		36	39	18.49	18.43	18.42	19.70
		75	0	18.46	18.46	18.22	19.70
	16QAM	1	0	18.51	18.42	18.54	19.70

		1	38	18.36	18.52	18.38	19.70		
		1	74	18.53	18.48	18.44	19.70		
		36	0	18.42	18.39	18.42	19.70		
		36	18	18.19	18.32	18.37	19.70		
		36	39	18.39	18.33	18.45	19.70		
		75	0	18.33	18.37	18.53	19.70		
	64QAM	1	0	18.30	18.19	18.20	19.70		
		1	38	18.40	18.31	18.49	19.70		
		1	74	18.49	18.24	18.29	19.70		
		36	0	17.74	18.00	17.83	19.20		
		36	18	17.90	17.83	17.72	19.20		
		36	39	17.89	18.12	17.93	19.20		
	256QAM	75	0	17.84	17.98	17.90	19.20		
		1	0	15.92	15.86	16.02	17.20		
		1	38	15.76	15.89	15.77	17.20		
		1	74	15.87	15.88	15.83	17.20		
		36	0	15.99	16.00	15.68	17.20		
		36	18	15.90	15.91	15.85	17.20		
			36	39	15.82	15.81	15.82	17.20	
			75	0	16.03	15.94	15.95	17.20	
			Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
						37850	38000	38150	
20MHz	QPSK	1	0	18.60	18.59	18.68	19.70		
		1	50	18.64	18.54	18.39	19.70		
		1	99	18.34	18.55	18.66	19.70		
		50	0	18.47	18.37	18.47	19.70		
		50	25	18.46	18.52	18.33	19.70		
		50	50	18.54	18.59	18.49	19.70		
		100	0	18.48	18.59	18.36	19.70		
	16QAM	1	0	18.58	18.58	18.56	19.70		
		1	50	18.49	18.57	18.43	19.70		
		1	99	18.59	18.61	18.57	19.70		
		50	0	18.47	18.47	18.50	19.70		
		50	25	18.32	18.45	18.40	19.70		
		50	50	18.50	18.52	18.55	19.70		
		100	0	18.47	18.47	18.56	19.70		
	64QAM	1	0	18.46	18.36	18.31	19.70		
		1	50	18.40	18.42	18.51	19.70		
		1	99	18.63	18.37	18.31	19.70		
		50	0	17.83	18.13	17.96	19.20		
		50	25	17.96	17.97	17.90	19.20		
		50	50	18.03	18.15	18.02	19.20		
		100	0	17.97	18.06	18.04	19.20		
	256QAM	1	0	15.97	16.02	16.07	17.20		
		1	50	15.93	16.06	15.97	17.20		
		1	99	15.92	16.04	15.89	17.20		
		50	0	16.02	16.12	15.82	17.20		
		50	25	15.98	16.03	15.98	17.20		
		50	50	15.93	15.88	15.86	17.20		
100		0	16.03	16.00	16.08	17.20			

LTE Band 41 Default&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	23.53	23.59	23.54	23.60	23.47	25.30	
		1	13	23.42	23.56	23.40	23.63	23.50	25.30	
		1	24	23.45	23.57	23.46	23.51	23.55	25.30	
		12	0	22.65	22.60	22.60	22.54	22.53	24.30	
		12	6	22.53	22.65	22.55	22.64	22.58	24.30	
		12	13	22.66	22.59	22.59	22.54	22.60	24.30	
	16QAM	25	0	22.47	22.58	22.49	22.54	22.48	24.30	
		1	0	22.68	22.66	22.65	22.66	22.66	24.30	
		1	13	22.70	22.63	22.67	22.59	22.58	24.30	
		1	24	22.63	22.51	22.62	22.61	22.67	24.30	
		12	0	21.67	21.61	21.70	21.62	21.63	23.30	
		12	6	21.77	21.76	21.79	21.71	21.72	23.30	
	64QAM	12	13	21.71	21.75	21.73	21.75	21.62	23.30	
		25	0	21.70	21.59	21.67	21.60	21.68	23.30	
		1	0	21.79	21.63	21.72	21.64	21.68	23.30	
		1	13	21.78	21.72	21.82	21.76	21.71	23.30	
		1	24	21.81	21.67	21.82	21.65	21.66	23.30	
		12	0	20.80	20.80	20.80	20.75	20.82	22.30	
	256QAM	12	6	20.78	20.70	20.77	20.69	20.83	22.30	
		12	13	20.84	20.81	20.93	20.84	20.73	22.30	
		25	0	20.89	20.68	20.80	20.73	20.80	22.30	
		1	0	18.87	19.07	18.80	19.06	18.93	20.30	
		1	13	18.80	18.90	18.76	18.87	18.99	20.30	
		1	24	19.03	18.78	18.99	18.75	19.04	20.30	
	10MHz	QPSK	12	0	18.94	19.06	18.98	19.00	18.82	20.30
			12	6	18.87	18.95	18.90	18.99	18.94	20.30
			12	13	18.84	18.90	18.83	18.90	18.96	20.30
			25	0	18.83	18.83	18.81	18.78	18.99	20.30
1			0	23.51	23.52	23.55	23.62	23.50	25.30	
1			25	23.43	23.62	23.38	23.56	23.50	25.30	
1			49	23.48	23.57	23.47	23.59	23.55	25.30	
16QAM		25	0	22.57	22.59	22.61	22.56	22.50	24.30	
		25	13	22.55	22.60	22.56	22.64	22.57	24.30	
		25	25	22.63	22.62	22.60	22.58	22.60	24.30	
		50	0	22.51	22.60	22.46	22.61	22.51	24.30	
		1	0	22.64	22.67	22.67	22.63	22.65	24.30	
		1	25	22.63	22.58	22.64	22.64	22.57	24.30	
		1	49	22.61	22.60	22.56	22.53	22.64	24.30	
64QAM	25	0	21.65	21.61	21.71	21.61	21.64	23.30		
	25	13	21.79	21.77	21.71	21.81	21.74	23.30		
	25	25	21.69	21.78	21.65	21.71	21.62	23.30		
	64QAM	50	0	21.71	21.63	21.68	21.62	21.74	23.30	
		1	0	21.72	21.62	21.78	21.71	21.66	23.30	
		1	25	21.77	21.81	21.81	21.81	21.62	23.30	

		1	49	21.79	21.65	21.79	21.66	21.72	23.30
		25	0	20.79	20.73	20.82	20.71	20.84	22.30
		25	13	20.77	20.67	20.78	20.71	20.78	22.30
		25	25	20.86	20.91	20.89	20.91	20.74	22.30
		50	0	20.82	20.72	20.87	20.71	20.85	22.30
	256QAM	1	0	18.83	19.01	18.82	19.12	18.89	20.30
		1	25	18.84	18.94	18.85	18.92	18.97	20.30
		1	49	18.97	18.78	19.01	18.75	19.07	20.30
		25	0	18.96	19.02	18.94	19.06	18.91	20.30
		25	13	18.85	18.90	18.91	18.97	18.90	20.30
		25	25	18.86	18.95	18.81	18.95	18.92	20.30
		50	0	18.83	18.79	18.83	18.83	19.01	20.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39725	40173	40620	41068	41515	
15MHz	QPSK	1	0	23.49	23.57	23.54	23.53	23.50	25.30
		1	38	23.33	23.65	23.41	23.58	23.51	25.30
		1	74	23.48	23.60	23.45	23.51	23.50	25.30
		36	0	22.57	22.52	22.62	22.58	22.49	24.30
		36	18	22.51	22.61	22.53	22.61	22.61	24.30
		36	39	22.62	22.58	22.58	22.62	22.66	24.30
	16QAM	75	0	22.47	22.55	22.49	22.55	22.55	24.30
		1	0	22.61	22.64	22.71	22.70	22.69	24.30
		1	38	22.65	22.55	22.68	22.60	22.65	24.30
		1	74	22.56	22.56	22.58	22.54	22.66	24.30
		36	0	21.69	21.65	21.72	21.61	21.63	23.30
		36	18	21.73	21.78	21.71	21.73	21.72	23.30
	64QAM	36	39	21.66	21.79	21.71	21.73	21.59	23.30
		75	0	21.68	21.70	21.70	21.62	21.75	23.30
		1	0	21.75	21.64	21.73	21.66	21.70	23.30
		1	38	21.81	21.74	21.82	21.72	21.63	23.30
		1	74	21.75	21.70	21.82	21.70	21.71	23.30
		36	0	20.79	20.75	20.77	20.70	20.84	22.30
	256QAM	36	18	20.79	20.70	20.84	20.71	20.76	22.30
		36	39	20.84	20.84	20.86	20.88	20.77	22.30
		75	0	20.82	20.68	20.86	20.70	20.79	22.30
		1	0	18.80	19.10	18.85	19.05	18.89	20.30
		1	38	18.80	18.87	18.81	18.86	18.88	20.30
		1	74	19.00	18.77	19.00	18.79	19.08	20.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39750	40185	40620	41055	41490	
20MHz	QPSK	1	0	23.53	23.51	23.59	23.56	23.49	25.30
		1	50	23.43	23.53	23.40	23.58	23.52	25.30
		1	99	23.54	23.57	23.51	23.52	23.54	25.30
		50	0	22.63	22.54	22.68	22.54	22.48	24.30
		50	25	22.52	22.68	22.57	22.67	22.54	24.30
		50	50	22.60	22.58	22.66	22.61	22.61	24.30
		100	0	22.55	22.64	22.52	22.65	22.49	24.30

	16QAM	1	0	22.68	22.63	22.67	22.64	22.68	24.30
		1	50	22.72	22.55	22.64	22.55	22.65	24.30
		1	99	22.58	22.55	22.60	22.62	22.63	24.30
		50	0	21.65	21.58	21.70	21.61	21.66	23.30
		50	25	21.72	21.76	21.78	21.74	21.71	23.30
		50	50	21.68	21.72	21.75	21.78	21.56	23.30
	64QAM	100	0	21.67	21.64	21.68	21.68	21.70	23.30
		1	0	21.79	21.70	21.79	21.67	21.75	23.30
		1	50	21.75	21.80	21.81	21.72	21.64	23.30
		1	99	21.77	21.68	21.79	21.62	21.70	23.30
		50	0	20.81	20.70	20.78	20.80	20.79	22.30
		50	25	20.86	20.73	20.85	20.72	20.81	22.30
	256QAM	50	50	20.93	20.87	20.92	20.86	20.76	22.30
		100	0	20.88	20.78	20.84	20.74	20.76	22.30
		1	0	18.85	19.05	18.79	19.03	18.88	20.30
		1	50	18.82	18.95	18.84	18.85	18.96	20.30
		1	99	18.95	18.73	18.94	18.79	19.10	20.30
		50	0	19.01	19.05	18.96	19.05	18.89	20.30
		50	25	18.83	18.90	18.83	18.98	18.91	20.30
		50	50	18.87	18.87	18.81	18.89	18.91	20.30
		100	0	18.84	18.81	18.90	18.78	19.07	20.30

LTE Band 41 DSI3&5				Conducted Power(dBm)					
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39675	40148	40620	41093	41565	
5MHz	QPSK	1	0	21.79	21.94	21.87	21.88	21.78	23.30
		1	13	21.79	21.86	21.83	21.87	21.78	23.30
		1	24	21.85	21.86	21.83	21.84	21.83	23.30
		12	0	21.78	21.80	21.73	21.85	21.77	23.30
		12	6	21.79	21.88	21.79	21.90	21.81	23.30
		12	13	21.86	21.91	21.79	21.91	21.78	23.30
	16QAM	25	0	21.77	21.82	21.80	21.85	21.75	23.30
		1	0	21.81	21.83	21.77	21.84	21.75	23.30
		1	13	21.80	21.76	21.73	21.81	21.88	23.30
		1	24	21.90	21.87	21.81	21.88	21.72	23.30
		12	0	21.77	21.88	21.79	21.89	21.86	23.30
		12	6	21.87	21.83	21.85	21.82	21.85	23.30
	64QAM	12	13	21.80	21.79	21.76	21.87	21.80	23.30
		25	0	21.83	21.86	21.80	21.84	21.81	23.30
		1	0	21.88	21.84	21.81	21.87	21.79	23.30
		1	13	21.83	21.81	21.79	21.78	21.77	23.30
		1	24	21.84	21.84	21.86	21.86	21.83	23.30
		12	0	20.84	20.76	20.81	20.70	20.74	22.30
	256QAM	12	6	20.73	20.86	20.78	20.86	20.74	22.30
		12	13	20.86	20.77	20.85	20.74	20.76	22.30
		25	0	20.69	20.81	20.65	20.84	20.63	22.30
		1	0	19.10	18.83	19.04	18.89	19.05	20.30
		1	13	18.92	18.75	18.86	18.72	18.97	20.30
		1	24	18.77	19.03	18.72	18.95	18.70	20.30

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up	
				39700	40160	40620	41080	41540		
10MHz	QPSK	12	0	19.04	18.90	19.09	18.92	19.03	20.30	
		12	6	18.91	18.87	18.94	18.86	18.90	20.30	
		12	13	18.91	18.90	18.82	18.85	18.94	20.30	
		25	0	18.82	18.82	18.84	18.91	18.84	20.30	
		1	0	21.86	21.86	21.88	21.89	21.77	23.30	
		1	25	21.84	21.82	21.78	21.89	21.86	23.30	
		1	49	21.88	21.76	21.84	21.81	21.77	23.30	
	16QAM	25	0	21.79	21.79	21.74	21.81	21.80	23.30	
		25	13	21.76	21.94	21.74	21.85	21.89	23.30	
		25	25	21.76	21.92	21.79	21.87	21.78	23.30	
		50	0	21.80	21.84	21.81	21.80	21.80	23.30	
		1	0	21.77	21.83	21.78	21.88	21.76	23.30	
		1	25	21.72	21.76	21.79	21.84	21.79	23.30	
		1	49	21.82	21.81	21.80	21.82	21.78	23.30	
	64QAM	25	0	21.80	21.84	21.72	21.83	21.88	23.30	
		25	13	21.87	21.85	21.83	21.80	21.89	23.30	
		25	25	21.76	21.78	21.74	21.85	21.79	23.30	
		50	0	21.74	21.84	21.75	21.85	21.87	23.30	
		1	0	21.87	21.85	21.84	21.88	21.80	23.30	
		1	25	21.77	21.86	21.76	21.86	21.80	23.30	
		1	49	21.79	21.83	21.84	21.81	21.80	23.30	
	256QAM	25	0	20.80	20.71	20.80	20.74	20.79	22.30	
		25	13	20.74	20.85	20.71	20.86	20.76	22.30	
		25	25	20.81	20.84	20.80	20.84	20.86	22.30	
		50	0	20.66	20.85	20.63	20.91	20.70	22.30	
		1	0	19.01	18.81	19.04	18.89	19.03	20.30	
		1	25	18.87	18.79	18.85	18.74	18.95	20.30	
		1	49	18.80	19.05	18.76	19.00	18.77	20.30	
15MHz	QPSK	25	0	19.11	18.91	19.09	18.89	19.08	20.30	
		25	13	18.94	18.88	18.94	18.89	18.93	20.30	
		25	25	18.91	18.81	18.85	18.83	18.92	20.30	
		50	0	18.83	18.88	18.81	18.90	18.81	20.30	
		1	0	21.88	21.90	21.85	21.89	21.75	23.30	
		1	38	21.84	21.88	21.85	21.89	21.76	23.30	
		1	74	21.88	21.81	21.81	21.80	21.82	23.30	
	16QAM	36	0	21.73	21.82	21.81	21.86	21.85	23.30	
		36	18	21.74	21.91	21.75	21.86	21.82	23.30	
		36	39	21.78	21.91	21.85	21.92	21.82	23.30	
		75	0	21.71	21.84	21.79	21.82	21.82	23.30	
		1	0	21.80	21.81	21.77	21.84	21.79	23.30	
		1	38	21.81	21.86	21.75	21.77	21.79	23.30	
		1	74	21.80	21.86	21.86	21.87	21.80	23.30	
	64QAM	36	0	21.75	21.80	21.75	21.85	21.79	23.30	
		36	18	21.83	21.81	21.80	21.88	21.90	23.30	
		36	39	21.76	21.78	21.70	21.83	21.78	23.30	
			75	0	21.75	21.84	21.85	21.92	21.84	23.30
			1	0	21.85	21.80	21.84	21.80	21.85	23.30

		1	38	21.82	21.79	21.76	21.76	21.83	23.30
		1	74	21.77	21.83	21.78	21.83	21.85	23.30
		36	0	20.75	20.77	20.83	20.71	20.76	22.30
		36	18	20.69	20.86	20.75	20.82	20.68	22.30
		36	39	20.83	20.77	20.80	20.82	20.81	22.30
		75	0	20.70	20.90	20.62	20.88	20.69	22.30
	256QAM	1	0	19.11	18.88	19.11	18.86	19.03	20.30
		1	38	18.90	18.79	18.86	18.73	18.96	20.30
		1	74	18.70	18.96	18.73	19.01	18.67	20.30
		36	0	19.11	18.96	19.08	18.90	19.06	20.30
		36	18	18.93	18.86	18.89	18.80	18.96	20.30
		36	39	18.90	18.84	18.88	18.84	18.95	20.30
		75	0	18.87	18.91	18.82	18.82	18.84	20.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39750	40185	40620	41055	41490	
20MHz	QPSK	1	0	21.88	21.94	21.97	21.86	21.87	23.30
		1	50	21.80	21.92	21.81	21.84	21.81	23.30
		1	99	21.86	21.77	21.82	21.83	21.80	23.30
		50	0	21.86	21.91	21.96	21.91	21.88	23.30
		50	25	21.71	21.87	21.71	21.90	21.86	23.30
		50	50	21.84	21.83	21.76	21.89	21.82	23.30
		100	0	21.74	21.87	21.96	21.77	21.82	23.30
	16QAM	1	0	21.81	21.85	21.82	21.92	21.75	23.30
		1	50	21.74	21.77	21.76	21.86	21.80	23.30
		1	99	21.84	21.82	21.80	21.84	21.77	23.30
		50	0	21.78	21.88	21.77	21.91	21.86	23.30
		50	25	21.80	21.81	21.80	21.85	21.84	23.30
		50	50	21.78	21.81	21.72	21.88	21.71	23.30
		100	0	21.77	21.85	21.82	21.86	21.86	23.30
	64QAM	1	0	21.87	21.85	21.85	21.81	21.88	23.30
		1	50	21.83	21.85	21.79	21.82	21.76	23.30
		1	99	21.77	21.88	21.86	21.82	21.85	23.30
		50	0	20.83	20.78	20.80	20.72	20.75	22.30
		50	25	20.74	20.77	20.69	20.84	20.78	22.30
		50	50	20.79	20.76	20.82	20.76	20.82	22.30
		100	0	20.70	20.80	20.65	20.87	20.63	22.30
	256QAM	1	0	19.08	18.86	19.10	18.83	19.01	20.30
		1	50	18.92	18.81	18.91	18.73	18.95	20.30
		1	99	18.75	19.02	18.77	18.97	18.69	20.30
		50	0	19.04	18.89	19.11	18.97	19.10	20.30
		50	25	18.95	18.89	18.85	18.87	18.90	20.30
		50	50	18.86	18.84	18.86	18.86	18.92	20.30
		100	0	18.82	18.83	18.87	18.92	18.80	20.30

LTE Band 41 Default&DSI1&4 ENDC				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	20.51	20.58	20.65	20.46	20.55	21.80
		1	13	20.59	20.65	20.65	20.38	20.49	21.80

		1	24	20.52	20.33	20.48	20.44	20.72	21.80	
		12	0	19.57	19.50	19.40	19.48	19.60	20.80	
		12	6	19.50	19.48	19.59	19.59	19.46	20.80	
		12	13	19.49	19.54	19.55	19.43	19.55	20.80	
		25	0	19.57	19.61	19.54	19.43	19.50	20.80	
	16QAM	1	0	19.44	19.54	19.57	19.47	19.59	20.80	
		1	13	19.32	19.60	19.51	19.55	19.49	20.80	
		1	24	19.44	19.59	19.61	19.32	19.52	20.80	
		12	0	18.43	18.47	18.67	18.33	18.54	19.80	
		12	6	18.54	18.41	18.49	18.41	18.54	19.80	
	64QAM	12	13	18.46	18.51	18.70	18.36	18.50	19.80	
		25	0	18.47	18.45	18.46	18.35	18.61	19.80	
		1	0	18.54	18.41	18.51	18.39	18.52	19.80	
		1	13	18.57	18.43	18.55	18.44	18.40	19.80	
		1	24	18.38	18.52	18.60	18.27	18.57	19.80	
	256QAM	12	0	17.66	17.49	17.42	17.45	17.52	18.80	
		12	6	17.61	17.49	17.48	17.33	17.51	18.80	
		12	13	17.64	17.54	17.68	17.46	17.57	18.80	
		25	0	17.52	17.46	17.54	17.41	17.55	18.80	
		1	0	15.44	15.49	15.55	15.37	15.56	16.80	
		1	13	15.35	15.48	15.57	15.46	15.52	16.80	
		1	24	15.58	15.63	15.39	15.50	15.52	16.80	
		12	0	15.47	15.44	15.56	15.44	15.69	16.80	
		12	6	15.48	15.49	15.50	15.38	15.57	16.80	
		12	13	15.58	15.68	15.58	15.38	15.41	16.80	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
					39700	40160	40620	41080	41540	
	10MHz	QPSK	1	0	20.58	20.53	20.57	20.51	20.58	21.80
1			25	20.46	20.59	20.66	20.49	20.47	21.80	
1			49	20.43	20.39	20.54	20.29	20.64	21.80	
25			0	19.54	19.59	19.48	19.41	19.65	20.80	
25			13	19.48	19.41	19.55	19.55	19.42	20.80	
25			25	19.45	19.53	19.68	19.39	19.54	20.80	
50			0	19.53	19.53	19.46	19.38	19.46	20.80	
16QAM		1	0	19.47	19.45	19.44	19.39	19.53	20.80	
		1	25	19.37	19.56	19.58	19.54	19.51	20.80	
		1	49	19.41	19.53	19.58	19.36	19.59	20.80	
		25	0	18.48	18.50	18.53	18.41	18.47	19.80	
		25	13	18.46	18.56	18.43	18.50	18.42	19.80	
		25	25	18.56	18.50	18.59	18.44	18.41	19.80	
64QAM		50	0	18.46	18.38	18.58	18.48	18.67	19.80	
		1	0	18.59	18.39	18.54	18.46	18.40	19.80	
		1	25	18.49	18.46	18.67	18.44	18.41	19.80	
		1	49	18.41	18.55	18.69	18.29	18.65	19.80	
		25	0	17.60	17.37	17.44	17.51	17.48	18.80	
		25	13	17.64	17.44	17.45	17.39	17.45	18.80	
256QAM		25	25	17.63	17.55	17.71	17.35	17.52	18.80	
		50	0	17.59	17.49	17.51	17.45	17.64	18.80	
		1	0	15.48	15.47	15.52	15.46	15.64	16.80	
			1	25	15.41	15.56	15.68	15.55	15.64	16.80

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up	
				39725	40173	40620	41068	41515		
15MHz	QPSK	1	49	15.49	15.52	15.43	15.44	15.50	16.80	
		25	0	15.37	15.51	15.40	15.43	15.70	16.80	
		25	13	15.46	15.58	15.58	15.48	15.54	16.80	
		25	25	15.58	15.62	15.56	15.32	15.40	16.80	
		50	0	15.42	15.50	15.47	15.37	15.41	16.80	
	16QAM	16QAM	1	0	20.56	20.65	20.60	20.51	20.64	21.80
			1	38	20.52	20.63	20.67	20.49	20.46	21.80
			1	74	20.47	20.51	20.53	20.36	20.60	21.80
			36	0	19.62	19.52	19.56	19.44	19.53	20.80
			36	18	19.44	19.36	19.60	19.43	19.44	20.80
			36	39	19.59	19.41	19.55	19.36	19.41	20.80
			75	0	19.48	19.53	19.59	19.57	19.54	20.80
	64QAM	64QAM	1	0	19.41	19.47	19.49	19.48	19.65	20.80
			1	38	19.47	19.53	19.58	19.43	19.57	20.80
			1	74	19.43	19.46	19.63	19.44	19.68	20.80
			36	0	18.43	18.50	18.64	18.41	18.48	19.80
			36	18	18.59	18.52	18.46	18.51	18.58	19.80
			36	39	18.44	18.57	18.69	18.33	18.47	19.80
			75	0	18.39	18.44	18.63	18.47	18.61	19.80
	256QAM	256QAM	1	0	18.59	18.53	18.45	18.43	18.56	19.80
1			38	18.50	18.47	18.68	18.43	18.41	19.80	
1			74	18.35	18.63	18.54	18.35	18.54	19.80	
36			0	17.64	17.39	17.40	17.40	17.47	18.80	
36			18	17.51	17.49	17.51	17.35	17.38	18.80	
36			39	17.52	17.61	17.66	17.44	17.57	18.80	
75			0	17.47	17.50	17.61	17.32	17.54	18.80	
20MHz	QPSK	1	0	15.42	15.48	15.65	15.31	15.60	16.80	
		1	38	15.48	15.51	15.57	15.46	15.62	16.80	
		1	74	15.52	15.64	15.56	15.34	15.54	16.80	
		36	0	15.33	15.54	15.47	15.50	15.62	16.80	
		36	18	15.54	15.62	15.59	15.44	15.61	16.80	
		36	39	15.62	15.67	15.50	15.45	15.43	16.80	
		75	0	15.50	15.38	15.55	15.44	15.47	16.80	
	16QAM	16QAM	1	0	20.68	20.71	20.77	20.63	20.74	21.80
			1	50	20.63	20.67	20.74	20.52	20.61	21.80
			1	99	20.57	20.51	20.66	20.48	20.72	21.80
			50	0	19.68	19.62	19.58	19.52	19.72	20.80
			50	25	19.57	19.54	19.66	19.61	19.61	20.80
			50	50	19.63	19.58	19.73	19.50	19.58	20.80
			100	0	19.59	19.62	19.63	19.58	19.64	20.80
			1	0	19.49	19.57	19.63	19.54	19.69	20.80
			1	50	19.52	19.66	19.68	19.57	19.60	20.80
			1	99	19.60	19.65	19.71	19.46	19.71	20.80
			50	0	18.50	18.51	18.70	18.47	18.65	19.80
			50	25	18.65	18.59	18.61	18.61	18.60	19.80
			50	50	18.56	18.57	18.74	18.48	18.60	19.80
100	0	18.51	18.55	18.64	18.49	18.71	19.80			

	64QAM	1	0	18.63	18.57	18.64	18.52	18.58	19.80
		1	50	18.57	18.63	18.69	18.61	18.58	19.80
		1	99	18.52	18.66	18.73	18.44	18.67	19.80
		50	0	17.67	17.53	17.58	17.55	17.67	18.80
		50	25	17.66	17.62	17.60	17.48	17.57	18.80
		50	50	17.66	17.65	17.76	17.50	17.63	18.80
		100	0	17.66	17.53	17.69	17.48	17.68	18.80
	256QAM	1	0	15.52	15.57	15.65	15.48	15.65	16.80
		1	50	15.52	15.59	15.75	15.57	15.65	16.80
		1	99	15.60	15.68	15.57	15.51	15.65	16.80
		50	0	15.51	15.62	15.59	15.55	15.74	16.80
		50	25	15.62	15.68	15.70	15.52	15.62	16.80
		50	50	15.64	15.70	15.65	15.47	15.58	16.80
		100	0	15.55	15.53	15.64	15.50	15.60	16.80

LTE Band 41 DSI3&5 ENDC				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	18.73	18.66	18.66	18.64	18.67	19.80
		1	13	18.50	18.40	18.53	18.40	18.38	19.80
		1	24	18.53	18.27	18.41	18.14	18.61	19.80
		12	0	18.46	18.39	18.50	18.43	18.52	19.80
		12	6	18.41	18.24	18.48	18.26	18.36	19.80
		12	13	18.54	18.45	18.51	18.41	18.29	19.80
		25	0	18.40	18.46	18.52	18.27	18.47	19.80
	16QAM	1	0	18.18	18.27	18.43	18.54	18.46	19.80
		1	13	18.27	18.48	18.51	18.29	18.45	19.80
		1	24	18.43	18.32	18.44	18.25	18.55	19.80
		12	0	18.47	18.21	18.54	18.31	18.51	19.80
		12	6	18.45	18.33	18.46	18.53	18.42	19.80
		12	13	18.30	18.33	18.61	18.38	18.44	19.80
		25	0	18.23	18.33	18.50	18.14	18.44	19.80
	64QAM	1	0	18.41	18.29	18.43	18.18	18.44	19.80
		1	13	18.51	18.41	18.48	18.37	18.37	19.80
		1	24	18.35	18.36	18.52	18.28	18.29	19.80
		12	0	17.37	17.46	17.49	17.39	17.37	18.80
		12	6	17.34	17.37	17.37	17.36	17.37	18.80
		12	13	17.47	17.38	17.45	17.17	17.49	18.80
		25	0	17.54	17.40	17.63	17.32	17.54	18.80
	256QAM	1	0	15.36	15.35	15.48	15.38	15.34	16.80
		1	13	15.43	15.25	15.69	15.23	15.43	16.80
		1	24	15.27	15.54	15.36	15.36	15.45	16.80
		12	0	15.32	15.41	15.32	15.22	15.54	16.80
		12	6	15.31	15.50	15.43	15.29	15.40	16.80
		12	13	15.51	15.64	15.56	15.25	15.55	16.80
		25	0	15.31	15.43	15.45	15.19	15.34	16.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
10MHz	QPSK	1	0	18.75	18.63	18.77	18.63	18.55	19.80

		1	25	18.50	18.33	18.60	18.43	18.30	19.80	
		1	49	18.43	18.31	18.48	18.10	18.53	19.80	
		25	0	18.62	18.33	18.55	18.32	18.57	19.80	
		25	13	18.38	18.32	18.49	18.36	18.32	19.80	
		25	25	18.43	18.34	18.54	18.30	18.32	19.80	
		50	0	18.36	18.50	18.53	18.31	18.46	19.80	
	16QAM	1	0	18.29	18.20	18.35	18.38	18.40	19.80	
		1	25	18.32	18.47	18.42	18.37	18.55	19.80	
		1	49	18.40	18.47	18.41	18.34	18.49	19.80	
		25	0	18.40	18.26	18.55	18.27	18.40	19.80	
		25	13	18.46	18.36	18.39	18.51	18.39	19.80	
		25	25	18.38	18.30	18.66	18.30	18.29	19.80	
	64QAM	50	0	18.21	18.32	18.56	18.17	18.39	19.80	
		1	0	18.51	18.23	18.47	18.28	18.30	19.80	
		1	25	18.46	18.44	18.44	18.38	18.54	19.80	
		1	49	18.32	18.44	18.69	18.20	18.32	19.80	
		25	0	17.35	17.43	17.40	17.34	17.40	18.80	
		25	13	17.33	17.45	17.53	17.35	17.36	18.80	
	256QAM	25	25	17.41	17.32	17.58	17.33	17.37	18.80	
		50	0	17.55	17.32	17.46	17.44	17.54	18.80	
		1	0	15.23	15.30	15.42	15.28	15.41	16.80	
		1	25	15.36	15.40	15.63	15.30	15.52	16.80	
		1	49	15.35	15.45	15.44	15.33	15.56	16.80	
		25	0	15.34	15.55	15.35	15.20	15.50	16.80	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
					39725	40173	40620	41068	41515	
	15MHz	QPSK	1	0	18.60	18.48	18.75	18.53	18.54	19.80
			1	38	18.51	18.34	18.63	18.47	18.37	19.80
1			74	18.43	18.33	18.54	18.22	18.59	19.80	
36			0	18.47	18.35	18.57	18.44	18.48	19.80	
36			18	18.53	18.23	18.57	18.38	18.33	19.80	
36			39	18.52	18.39	18.43	18.43	18.34	19.80	
75			0	18.43	18.48	18.50	18.29	18.42	19.80	
16QAM		1	0	18.25	18.20	18.51	18.38	18.40	19.80	
		1	38	18.28	18.43	18.51	18.33	18.45	19.80	
		1	74	18.39	18.44	18.48	18.44	18.55	19.80	
		36	0	18.29	18.20	18.56	18.17	18.41	19.80	
		36	18	18.46	18.37	18.34	18.47	18.41	19.80	
		36	39	18.39	18.37	18.61	18.46	18.44	19.80	
		75	0	18.22	18.36	18.52	18.24	18.39	19.80	
64QAM		1	0	18.45	18.38	18.35	18.22	18.42	19.80	
		1	38	18.52	18.43	18.49	18.41	18.53	19.80	
		1	74	18.27	18.31	18.62	18.19	18.36	19.80	
		36	0	17.39	17.36	17.42	17.38	17.36	18.80	
		36	18	17.43	17.46	17.35	17.20	17.43	18.80	
		36	39	17.49	17.37	17.47	17.14	17.44	18.80	
		75	0	17.42	17.41	17.56	17.32	17.52	18.80	
256QAM		1	0	15.35	15.28	15.42	15.23	15.43	16.80	

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39750	40185	40620	41055	41490	
20MHz	QPSK	1	38	15.46	15.38	15.65	15.28	15.50	16.80
		1	74	15.26	15.50	15.42	15.35	15.43	16.80
		36	0	15.34	15.59	15.39	15.30	15.62	16.80
		36	18	15.40	15.63	15.47	15.35	15.38	16.80
		36	39	15.44	15.52	15.46	15.22	15.52	16.80
		75	0	15.19	15.40	15.47	15.25	15.36	16.80
	16QAM	1	0	18.76	18.67	18.82	18.67	18.71	19.80
		1	50	18.62	18.53	18.67	18.48	18.48	19.80
		1	99	18.57	18.38	18.60	18.29	18.69	19.80
		50	0	18.62	18.47	18.67	18.46	18.62	19.80
		50	25	18.53	18.38	18.60	18.43	18.44	19.80
		50	50	18.55	18.46	18.60	18.43	18.43	19.80
		100	0	18.46	18.57	18.59	18.40	18.49	19.80
	64QAM	1	0	18.35	18.39	18.53	18.54	18.56	19.80
		1	50	18.43	18.61	18.57	18.41	18.56	19.80
		1	99	18.55	18.51	18.56	18.44	18.59	19.80
		50	0	18.48	18.39	18.65	18.37	18.51	19.80
		50	25	18.62	18.43	18.46	18.61	18.58	19.80
		50	50	18.40	18.44	18.73	18.48	18.45	19.80
		100	0	18.32	18.41	18.60	18.32	18.52	19.80
	256QAM	1	0	18.55	18.39	18.53	18.32	18.45	19.80
		1	50	18.54	18.48	18.54	18.50	18.55	19.80
		1	99	18.46	18.50	18.71	18.28	18.47	19.80
		50	0	17.52	17.50	17.50	17.54	17.55	18.80
		50	25	17.50	17.55	17.54	17.36	17.55	18.80
		50	50	17.52	17.46	17.59	17.34	17.52	18.80
		100	0	17.61	17.45	17.63	17.47	17.66	18.80
	256QAM	1	0	15.40	15.41	15.51	15.38	15.46	16.80
		1	50	15.51	15.42	15.74	15.38	15.57	16.80
		1	99	15.41	15.64	15.49	15.40	15.63	16.80
50		0	15.37	15.60	15.50	15.38	15.65	16.80	
50		25	15.47	15.63	15.51	15.39	15.45	16.80	
50		50	15.59	15.69	15.64	15.27	15.57	16.80	
100		0	15.36	15.43	15.50	15.38	15.41	16.80	

6 Conducted Power of Main Antenna(Ant5)

6.1 Conducted Power of WCDMA

WCDMA Band IV Default					
Average Conducted Power(dBm)					
Channel		1312	1412	1513	Tune up
WCDMA	12.2kbps RMC	21.57	21.62	21.53	23.1
	12.2kbps AMR	21.41	21.44	21.53	23.1
HSDPA	Subtest 1	21.13	21.01	21.04	22.1
	Subtest 2	21.24	21.18	21.00	22.1
	Subtest 3	20.64	20.55	20.63	21.6
	Subtest 4	20.65	20.43	20.67	21.6
HSUPA	Subtest 1	19.02	19.09	19.00	20.6
	Subtest 2	19.15	19.04	19.01	20.1
	Subtest 3	19.96	19.89	19.97	21.1
	Subtest 4	18.49	18.52	18.67	20.1
	Subtest 5	20.07	20.02	20.12	21.1
DC-HSDPA	Subtest 1	21.05	20.94	21.26	22.1
	Subtest 2	20.94	21.05	21.14	22.1
	Subtest 3	20.67	20.57	20.46	21.6
	Subtest 4	20.47	20.59	20.56	21.6
HSPA+	16QAM	18.90	18.80	18.99	20.1

WCDMA Band IV DSI1&5					
Average Conducted Power(dBm)					
Channel		1312	1412	1513	Tune up
WCDMA	12.2kbps RMC	19.58	19.66	19.61	20.60
	12.2kbps AMR	19.53	19.57	19.46	20.60
HSDPA	Subtest 1	18.93	18.84	18.92	19.60
	Subtest 2	18.98	18.94	18.87	19.60
	Subtest 3	18.40	18.47	18.48	19.10
	Subtest 4	18.47	18.30	18.57	19.10
HSUPA	Subtest 1	16.85	16.81	16.87	18.10
	Subtest 2	16.98	16.78	16.79	17.60
	Subtest 3	17.88	17.72	17.90	18.60
	Subtest 4	16.31	16.33	16.39	17.60
	Subtest 5	17.77	17.86	17.96	18.60
DC-HSDPA	Subtest 1	18.75	18.79	19.00	19.60
	Subtest 2	18.75	18.84	19.02	19.60
	Subtest 3	18.48	18.41	18.33	19.10
	Subtest 4	18.33	18.26	18.40	19.10
HSPA+	16QAM	16.67	16.68	16.88	17.60

WCDMA Band IV DSI4					
Average Conducted Power(dBm)					
Channel		1312	1412	1513	Tune up
WCDMA	12.2kbps RMC	20.22	20.29	20.13	21.60
	12.2kbps AMR	20.08	20.03	20.06	21.60
HSDPA	Subtest 1	19.68	19.59	19.70	20.60
	Subtest 2	19.75	19.69	19.63	20.60
	Subtest 3	19.15	19.19	19.25	20.10

	Subtest 4	19.18	19.05	19.29	20.10
HSUPA	Subtest 1	17.56	17.61	17.59	19.10
	Subtest 2	17.71	17.57	17.62	18.60
	Subtest 3	18.66	18.49	18.67	19.60
	Subtest 4	17.10	17.04	17.18	18.60
	Subtest 5	18.57	18.58	18.66	19.60
DC-HSDPA	Subtest 1	19.55	19.59	19.79	20.60
	Subtest 2	19.59	19.55	19.78	20.60
	Subtest 3	19.19	19.13	19.14	20.10
	Subtest 4	19.10	19.09	19.20	20.10
HSPA+	16QAM	17.50	17.48	17.58	18.60

6.2 Conducted Power of LTE

LTE Band 2 Default				Conducted Power(dBm)				
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				18607	18900	19193		
1.4MHz	QPSK	1	0	22.81	22.74	22.91	24.00	
		1	2	22.58	22.77	22.73	24.00	
		1	5	22.55	22.77	22.82	24.00	
		3	0	22.35	22.56	22.51	24.00	
		3	2	22.46	22.80	22.65	24.00	
		3	3	22.54	22.53	22.63	24.00	
	16QAM	6	0	21.55	21.84	21.70	23.00	
		1	0	21.56	21.75	21.49	23.00	
		1	2	21.60	21.59	21.67	23.00	
		1	5	21.70	21.95	21.71	23.00	
		3	0	21.30	21.71	21.52	23.00	
		3	2	21.39	21.50	21.84	23.00	
	64QAM	3	3	21.67	21.56	21.35	23.00	
		6	0	20.76	20.68	20.64	22.00	
		1	0	20.70	20.48	20.82	22.00	
		1	2	20.55	20.84	20.58	22.00	
		1	5	20.56	20.73	20.52	22.00	
		3	0	20.76	20.76	20.75	22.00	
	256QAM	3	2	20.27	20.45	20.51	22.00	
		3	3	20.30	20.84	20.26	22.00	
		6	0	19.50	19.55	19.57	21.00	
		1	0	17.66	17.77	17.61	19.00	
		1	2	17.53	17.68	17.55	19.00	
		1	5	17.48	17.57	17.55	19.00	
		3	0	17.58	17.50	17.53	19.00	
		3	2	17.58	17.71	17.70	19.00	
		3	3	17.60	17.71	17.88	19.00	
		6	0	17.58	17.57	17.73	19.00	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					18615	18900	19185	

3MHz	QPSK	1	0	22.75	22.90	22.79	24.00
		1	7	22.66	22.79	22.71	24.00
		1	14	22.46	22.76	22.70	24.00
		8	0	21.69	21.59	21.51	23.00
		8	4	21.50	21.74	21.76	23.00
		8	7	21.55	21.65	21.69	23.00
		15	0	21.67	21.83	21.71	23.00
	16QAM	1	0	21.66	21.53	21.50	23.00
		1	7	21.49	21.75	21.83	23.00
		1	14	21.65	21.92	21.67	23.00
		8	0	20.64	20.78	20.72	22.00
		8	4	20.54	20.81	20.89	22.00
		8	7	20.77	20.58	20.54	22.00
		15	0	20.58	20.60	20.52	22.00
	64QAM	1	0	20.54	20.58	20.80	22.00
		1	7	20.44	20.80	20.62	22.00
		1	14	20.60	20.79	20.72	22.00
		8	0	19.77	19.74	19.85	21.00
		8	4	19.69	19.54	19.55	21.00
		8	7	19.47	19.86	19.44	21.00
		15	0	19.60	19.55	19.69	21.00
	256QAM	1	0	17.70	17.74	17.56	19.00
		1	7	17.55	17.64	17.73	19.00
		1	14	17.50	17.70	17.66	19.00
		8	0	17.57	17.70	17.47	19.00
		8	4	17.69	17.72	17.86	19.00
		8	7	17.72	17.77	17.88	19.00
		15	0	17.81	17.71	17.71	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18625	18900	19175	
5MHz	QPSK	1	0	22.85	22.87	22.91	24.00
		1	13	22.50	22.71	22.87	24.00
		1	24	22.50	22.73	22.62	24.00
		12	0	21.45	21.70	21.69	23.00
		12	6	21.69	21.83	21.85	23.00
		12	13	21.59	21.56	21.78	23.00
		25	0	21.60	21.86	21.66	23.00
	16QAM	1	0	21.51	21.68	21.46	23.00
		1	13	21.54	21.66	21.69	23.00
		1	24	21.59	21.92	21.72	23.00
		12	0	20.77	20.73	20.80	22.00
		12	6	20.52	20.70	20.67	22.00
		12	13	20.67	20.66	20.57	22.00
		25	0	20.56	20.71	20.67	22.00
	64QAM	1	0	20.63	20.59	20.81	22.00
		1	13	20.61	20.81	20.73	22.00
		1	24	20.61	20.92	20.60	22.00
		12	0	19.77	19.83	19.79	21.00
		12	6	19.74	19.54	19.69	21.00
		12	13	19.58	19.94	19.66	21.00

		25	0	19.64	19.52	19.57	21.00
	256QAM	1	0	17.64	17.74	17.45	19.00
		1	13	17.58	17.65	17.58	19.00
		1	24	17.51	17.66	17.52	19.00
		12	0	17.66	17.73	17.64	19.00
		12	6	17.63	17.69	17.82	19.00
		12	13	17.65	17.75	17.82	19.00
		25	0	17.69	17.72	17.65	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18650	18900	19150	
10MHz	QPSK	1	0	22.66	22.78	22.88	24.00
		1	25	22.47	22.65	22.62	24.00
		1	49	22.64	22.75	22.83	24.00
		25	0	21.66	21.71	21.69	23.00
		25	13	21.50	21.75	21.89	23.00
		25	25	21.65	21.78	21.62	23.00
		50	0	21.59	21.93	21.74	23.00
	16QAM	1	0	21.69	21.62	21.62	23.00
		1	25	21.61	21.70	21.74	23.00
		1	49	21.70	21.86	21.69	23.00
		25	0	20.56	20.71	20.64	22.00
		25	13	20.58	20.75	20.87	22.00
		25	25	20.66	20.72	20.53	22.00
		50	0	20.68	20.71	20.63	22.00
	64QAM	1	0	20.55	20.56	20.72	22.00
		1	25	20.55	20.78	20.63	22.00
		1	49	20.53	20.73	20.52	22.00
		25	0	19.80	19.72	19.84	21.00
		25	13	19.77	19.65	19.71	21.00
		25	25	19.56	19.77	19.63	21.00
		50	0	19.67	19.50	19.74	21.00
	256QAM	1	0	17.83	17.78	17.60	19.00
		1	25	17.66	17.62	17.68	19.00
		1	49	17.59	17.74	17.46	19.00
		25	0	17.63	17.66	17.66	19.00
		25	13	17.47	17.67	17.76	19.00
		25	25	17.66	17.89	17.82	19.00
		50	0	17.69	17.78	17.66	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18675	18900	19125	
15MHz	QPSK	1	0	22.74	22.90	22.79	24.00
		1	38	22.48	22.61	22.86	24.00
		1	74	22.68	22.91	22.82	24.00
		36	0	21.49	21.59	21.70	23.00
		36	18	21.50	21.81	21.72	23.00
		36	39	21.67	21.64	21.77	23.00
		75	0	21.44	21.77	21.55	23.00
	16QAM	1	0	21.73	21.53	21.60	23.00
		1	38	21.61	21.67	21.69	23.00
		1	74	21.59	21.86	21.67	23.00
		36	0	20.63	20.86	20.75	22.00

	64QAM	36	18	20.47	20.90	20.88	22.00
		36	39	20.57	20.63	20.52	22.00
		75	0	20.59	20.59	20.64	22.00
		1	0	20.76	20.49	20.80	22.00
		1	38	20.49	20.67	20.52	22.00
		1	74	20.50	20.82	20.71	22.00
		36	0	19.61	19.76	19.67	21.00
		36	18	19.61	19.49	19.60	21.00
		36	39	19.45	19.75	19.61	21.00
	75	0	19.69	19.68	19.52	21.00	
	256QAM	1	0	17.83	17.79	17.66	19.00
		1	38	17.64	17.78	17.67	19.00
		1	74	17.41	17.71	17.55	19.00
		36	0	17.61	17.70	17.64	19.00
		36	18	17.54	17.53	17.89	19.00
		36	39	17.76	17.74	17.88	19.00
		75	0	17.78	17.70	17.60	19.00
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				18700	18900	19100	
20MHz	QPSK	1	0	22.88	22.97	22.92	24.00
		1	50	22.70	22.85	22.87	24.00
		1	99	22.70	22.96	22.86	24.00
		50	0	21.70	21.81	21.71	23.00
		50	25	21.74	21.96	21.92	23.00
		50	50	21.77	21.80	21.83	23.00
		100	0	21.67	21.95	21.79	23.00
	16QAM	1	0	21.75	21.76	21.69	23.00
		1	50	21.70	21.76	21.88	23.00
		1	99	21.76	21.95	21.76	23.00
		50	0	20.78	20.95	20.86	22.00
		50	25	20.65	20.91	20.89	22.00
		50	50	20.79	20.78	20.67	22.00
		100	0	20.81	20.78	20.68	22.00
	64QAM	1	0	20.77	20.72	20.87	22.00
		1	50	20.66	20.92	20.75	22.00
		1	99	20.71	20.92	20.75	22.00
		50	0	19.82	19.88	19.87	21.00
		50	25	19.81	19.73	19.78	21.00
		50	50	19.68	19.95	19.68	21.00
		100	0	19.69	19.74	19.76	21.00
	256QAM	1	0	17.86	17.97	17.68	19.00
		1	50	17.76	17.82	17.78	19.00
		1	99	17.66	17.74	17.71	19.00
50		0	17.78	17.75	17.69	19.00	
50		25	17.71	17.76	17.90	19.00	
50		50	17.78	17.92	17.89	19.00	
100		0	17.82	17.79	17.74	19.00	

LTE Band 2 DSI1&5 ENDC				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18607	18900	19193	
1.4MHz	QPSK	1	0	15.98	16.06	16.05	17.50
		1	2	16.06	16.11	15.89	17.50
		1	5	15.95	16.02	16.08	17.50
		3	0	16.07	15.84	15.92	17.50
		3	2	15.95	16.05	15.95	17.50
		3	3	16.02	15.85	16.10	17.50
	16QAM	6	0	16.04	15.93	15.80	17.50
		1	0	15.80	16.10	15.91	17.50
		1	2	15.97	16.01	15.90	17.50
		1	5	16.09	15.87	16.00	17.50
		3	0	16.04	15.93	16.09	17.50
		3	2	15.78	15.98	15.92	17.50
	64QAM	3	3	16.06	16.03	15.77	17.50
		6	0	16.01	15.98	15.88	17.50
		1	0	15.83	15.90	15.95	17.50
		1	2	16.04	15.85	16.08	17.50
		1	5	16.02	15.93	15.78	17.50
		3	0	16.03	15.87	16.06	17.50
	256QAM	3	2	15.90	16.06	16.03	17.50
		3	3	16.03	15.84	15.77	17.50
		6	0	16.04	16.00	15.78	17.50
		1	0	15.79	15.92	16.04	17.50
		1	2	15.84	16.01	15.93	17.50
		1	5	16.01	16.09	16.05	17.50
3MHz	QPSK	3	0	15.89	16.03	16.10	17.50
		3	2	15.97	15.93	15.81	17.50
		3	3	15.92	15.86	16.04	17.50
		6	0	15.82	16.09	15.91	17.50
		1	0	16.07	16.13	16.08	17.50
		1	7	15.83	16.05	15.99	17.50
	16QAM	1	14	15.81	15.83	15.98	17.50
		8	0	15.79	16.02	15.85	17.50
		8	4	15.89	16.01	15.93	17.50
		8	7	16.01	16.01	16.09	17.50
		15	0	15.96	15.98	15.99	17.50
		1	0	15.79	15.85	15.98	17.50
	64QAM	1	7	15.93	16.03	15.93	17.50
		1	14	15.92	15.96	15.98	17.50
		8	0	16.01	16.07	15.85	17.50
		8	4	15.78	16.06	15.90	17.50
		8	7	15.91	15.95	15.79	17.50
		15	0	16.01	16.06	16.07	17.50

		1	7	15.94	16.08	16.00	17.50
		1	14	16.02	16.10	16.02	17.50
		8	0	16.06	16.13	15.88	17.50
		8	4	15.88	16.07	15.93	17.50
		8	7	15.95	16.08	15.77	17.50
	15	0	15.88	16.10	16.02	17.50	
	256QAM	1	0	15.86	16.09	16.02	17.50
		1	7	15.89	16.05	15.99	17.50
		1	14	16.12	16.13	15.83	17.50
		8	0	15.94	15.83	16.07	17.50
		8	4	16.09	16.09	16.09	17.50
8		7	15.99	15.99	15.92	17.50	
15	0	16.03	16.03	15.98	17.50		
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18625	18900	19175	
5MHz	QPSK	1	0	16.09	15.94	16.07	17.50
		1	13	16.08	16.01	15.98	17.50
		1	24	15.77	15.97	16.02	17.50
		12	0	15.81	15.89	15.98	17.50
		12	6	16.02	15.97	16.00	17.50
		12	13	16.00	15.87	15.81	17.50
		25	0	16.03	16.02	15.96	17.50
	16QAM	1	0	15.87	16.02	15.91	17.50
		1	13	16.04	16.02	15.81	17.50
		1	24	16.01	15.83	15.93	17.50
		12	0	16.01	15.91	15.95	17.50
		12	6	15.78	16.01	15.91	17.50
		12	13	16.01	16.02	15.94	17.50
		25	0	15.79	15.91	16.05	17.50
	64QAM	1	0	15.92	15.90	16.05	17.50
		1	13	15.86	15.84	15.96	17.50
		1	24	16.01	15.91	15.78	17.50
		12	0	15.95	16.16	15.99	17.50
		12	6	16.02	16.14	15.86	17.50
		12	13	16.00	16.09	16.00	17.50
		25	0	15.96	16.09	15.78	17.50
	256QAM	1	0	15.79	15.85	15.85	17.50
		1	13	16.02	16.05	15.93	17.50
		1	24	15.84	16.04	16.05	17.50
		12	0	15.85	15.86	15.91	17.50
		12	6	16.01	15.84	15.96	17.50
		12	13	16.12	15.88	15.88	17.50
		25	0	15.98	16.13	15.84	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18650	18900	19150	
10MHz	QPSK	1	0	15.88	15.88	16.04	17.50
		1	25	16.04	16.03	15.79	17.50
		1	49	15.91	15.94	16.00	17.50
		25	0	15.93	15.92	16.00	17.50
		25	13	15.81	15.81	16.09	17.50

		25	25	15.82	15.82	15.92	17.50	
		50	0	15.94	16.03	15.87	17.50	
	16QAM	1	0	15.98	16.07	16.08	17.50	
		1	25	15.91	15.94	15.80	17.50	
		1	49	16.08	16.03	16.02	17.50	
		25	0	15.91	16.02	15.91	17.50	
		25	13	15.80	16.06	16.07	17.50	
		25	25	15.97	15.91	16.02	17.50	
		50	0	15.79	16.01	15.84	17.50	
		64QAM	1	0	15.92	15.99	16.06	17.50
	1		25	15.96	15.88	15.92	17.50	
	1		49	15.84	15.84	15.88	17.50	
	25		0	15.99	15.94	15.86	17.50	
	25		13	15.91	16.08	15.81	17.50	
	25		25	15.85	15.94	15.93	17.50	
	50		0	16.06	16.01	15.99	17.50	
	256QAM	1	0	16.01	15.87	15.79	17.50	
		1	25	15.99	15.94	15.86	17.50	
		1	49	15.86	15.94	15.97	17.50	
		25	0	15.83	15.96	15.87	17.50	
		25	13	15.79	16.02	16.05	17.50	
		25	25	15.91	15.81	16.08	17.50	
		50	0	15.86	15.88	15.79	17.50	
	Bandwidth	Modulation	RB size	RB offset	Channel 18675	Channel 18900	Channel 19125	Tune up
	15MHz	QPSK	1	0	15.97	16.15	15.81	17.50
1			38	16.01	15.82	15.84	17.50	
1			74	15.92	15.92	16.02	17.50	
36			0	15.96	15.86	15.90	17.50	
36			18	15.80	15.93	15.77	17.50	
36			39	15.90	16.00	16.02	17.50	
75			0	15.78	15.84	15.88	17.50	
16QAM		1	0	16.04	16.10	15.87	17.50	
		1	38	15.78	15.83	16.04	17.50	
		1	74	15.88	15.92	16.06	17.50	
		36	0	16.07	16.01	16.00	17.50	
		36	18	16.00	15.85	15.90	17.50	
		36	39	15.94	15.93	15.82	17.50	
		75	0	15.97	16.01	15.77	17.50	
64QAM		1	0	15.78	15.98	16.03	17.50	
		1	38	16.02	15.99	15.79	17.50	
		1	74	15.97	16.10	15.81	17.50	
		36	0	15.83	15.99	15.83	17.50	
		36	18	15.80	15.86	15.86	17.50	
		36	39	15.96	16.02	15.92	17.50	
		75	0	15.95	16.04	15.77	17.50	
256QAM		1	0	15.99	16.07	15.95	17.50	
		1	38	16.03	16.03	15.78	17.50	
		1	74	16.07	15.95	15.77	17.50	
		36	0	16.11	15.89	15.92	17.50	
	36	18	15.88	16.02	16.05	17.50		

Bandwidth	Modulation	36	39	15.95	16.09	15.89	17.50
		75	0	15.93	15.84	16.03	17.50
		RB size	RB offset	Channel	Channel	Channel	Tune up
				18700	18900	19100	
20MHz	QPSK	1	0	16.09	16.17	15.91	17.50
		1	50	15.82	15.76	15.64	17.50
		1	99	15.90	16.06	15.65	17.50
		50	0	15.89	15.91	16.08	17.50
		50	25	15.79	15.65	15.98	17.50
		50	50	15.70	15.67	15.92	17.50
	16QAM	100	0	15.84	15.89	15.83	17.50
		1	0	15.71	15.67	15.99	17.50
		1	50	15.83	15.85	15.92	17.50
		1	99	15.83	15.84	15.89	17.50
		50	0	16.05	15.94	15.87	17.50
		50	25	16.02	15.92	15.88	17.50
	64QAM	50	50	15.79	15.98	15.95	17.50
		100	0	15.89	15.88	15.99	17.50
		1	0	15.89	16.04	15.99	17.50
		1	50	15.93	16.01	15.92	17.50
		1	99	16.09	15.96	15.93	17.50
		50	0	16.08	15.90	16.01	17.50
	256QAM	50	25	16.06	15.95	16.04	17.50
		50	50	15.89	15.91	15.85	17.50
		100	0	15.82	16.06	15.81	17.50
		1	0	15.83	16.02	15.94	17.50
		1	50	15.86	15.96	15.91	17.50
		1	99	15.78	16.00	15.82	17.50
		50	0	15.79	16.02	16.09	17.50
		50	25	15.77	15.84	16.03	17.50
		50	50	15.92	15.85	15.78	17.50
		100	0	15.77	15.90	15.84	17.50

LTE Band 2 DS14 ENDC				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18607	18900	19193	
1.4MHz	QPSK	1	0	20.40	20.36	20.40	21.50
		1	2	20.33	20.43	20.34	21.50
		1	5	20.38	20.13	20.50	21.50
		3	0	20.27	20.40	20.33	21.50
		3	2	20.17	20.44	20.22	21.50
		3	3	20.22	20.34	20.21	21.50
	16QAM	6	0	20.37	20.37	20.37	21.50
		1	0	20.34	20.49	20.38	21.50
		1	2	20.13	20.08	20.34	21.50
		1	5	20.26	20.26	20.21	21.50
		3	0	20.04	20.25	20.19	21.50

	64QAM	3	2	20.19	20.14	20.15	21.50
		3	3	20.28	20.19	20.03	21.50
		6	0	20.19	20.32	20.22	21.50
		1	0	20.23	20.20	20.32	21.50
		1	2	20.25	20.14	20.11	21.50
		1	5	20.15	20.27	20.27	21.50
		3	0	20.27	20.14	20.05	21.50
		3	2	20.24	20.30	20.21	21.50
		3	3	20.20	20.20	20.14	21.50
	6	0	19.65	19.74	19.77	21.00	
	256QAM	1	0	17.99	18.22	18.08	19.00
		1	2	17.95	17.86	18.03	19.00
		1	5	18.02	17.99	18.13	19.00
		3	0	18.16	18.21	18.02	19.00
		3	2	17.88	17.97	18.10	19.00
3		3	17.99	17.90	18.04	19.00	
6	0	18.07	17.94	18.18	19.00		
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18615	18900	19185	
3MHz	QPSK	1	0	20.32	20.56	20.30	21.50
		1	7	20.38	20.26	20.20	21.50
		1	14	20.43	20.28	20.40	21.50
		8	0	20.41	20.29	20.39	21.50
		8	4	20.40	20.39	20.46	21.50
		8	7	20.36	20.40	20.41	21.50
		15	0	20.43	20.30	20.38	21.50
	16QAM	1	0	20.53	20.45	20.42	21.50
		1	7	20.44	20.44	20.54	21.50
		1	14	20.45	20.47	20.44	21.50
		8	0	20.38	20.47	20.47	21.50
		8	4	20.51	20.50	20.48	21.50
		8	7	20.53	20.52	20.52	21.50
		15	0	20.55	20.42	20.35	21.50
	64QAM	1	0	20.55	20.52	20.38	21.50
		1	7	20.45	20.53	20.49	21.50
		1	14	20.42	20.40	20.48	21.50
		8	0	20.05	20.12	20.11	21.00
		8	4	20.12	20.05	20.19	21.00
		8	7	20.16	20.07	20.13	21.00
		15	0	19.99	20.06	20.17	21.00
	256QAM	1	0	18.11	18.40	18.41	19.00
		1	7	18.28	18.31	18.25	19.00
		1	14	18.28	18.07	18.48	19.00
		8	0	18.33	18.42	18.18	19.00
		8	4	18.24	18.22	18.26	19.00
		8	7	18.12	18.37	18.29	19.00
		15	0	18.16	18.15	18.41	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18625	18900	19175	

5MHz	QPSK	1	0	20.28	20.45	20.37	21.50
		1	13	20.33	20.39	20.31	21.50
		1	24	20.25	20.38	20.28	21.50
		12	0	20.20	20.33	20.34	21.50
		12	6	20.22	20.33	20.42	21.50
		12	13	20.36	20.24	20.20	21.50
		25	0	20.38	20.34	20.28	21.50
	16QAM	1	0	20.23	20.35	20.16	21.50
		1	13	20.20	20.23	20.32	21.50
		1	24	20.28	20.37	20.44	21.50
		12	0	20.26	20.14	20.27	21.50
		12	6	20.10	20.25	20.26	21.50
		12	13	20.13	20.26	20.18	21.50
		25	0	20.08	20.26	20.11	21.50
	64QAM	1	0	20.19	20.23	20.08	21.50
		1	13	20.17	20.06	20.20	21.50
		1	24	20.30	20.26	20.20	21.50
		12	0	19.67	19.83	19.81	21.00
		12	6	19.88	19.74	19.86	21.00
		12	13	19.84	19.83	19.85	21.00
		25	0	19.89	19.83	19.84	21.00
	256QAM	1	0	17.94	18.17	18.08	19.00
		1	13	17.96	18.12	17.91	19.00
		1	24	18.09	17.87	18.13	19.00
		12	0	18.19	18.24	18.02	19.00
		12	6	18.07	18.11	17.99	19.00
		12	13	17.85	18.02	18.07	19.00
		25	0	18.02	17.89	18.08	19.00
Bandwidth	Modulation	RB size	RB offset	Channel 18650	Channel 18900	Channel 19150	Tune up
10MHz	QPSK	1	0	20.27	20.58	20.35	21.50
		1	25	20.33	20.38	20.20	21.50
		1	49	20.37	20.39	20.28	21.50
		25	0	20.28	20.33	20.34	21.50
		25	13	20.44	20.33	20.33	21.50
		25	25	20.49	20.37	20.44	21.50
		50	0	20.39	20.38	20.30	21.50
	16QAM	1	0	20.41	20.44	20.40	21.50
		1	25	20.44	20.20	20.44	21.50
		1	49	20.38	20.21	20.38	21.50
		25	0	20.01	20.14	20.23	21.50
		25	13	20.23	20.17	19.97	21.50
		25	25	20.48	20.22	19.91	21.50
		50	0	20.37	20.45	20.48	21.50
	64QAM	1	0	20.40	20.50	20.44	21.50
		1	25	20.41	20.50	20.53	21.50
		1	49	20.43	20.55	20.49	21.50
		25	0	20.14	20.03	20.07	21.00
		25	13	20.07	20.02	20.00	21.00
		25	25	20.16	19.99	20.08	21.00
		50	0	19.99	19.99	20.05	21.00

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18675	18900	19125	
	256QAM	1	0	18.23	18.41	18.27	19.00
		1	25	18.30	18.32	18.39	19.00
		1	49	18.46	18.20	18.54	19.00
		25	0	18.38	18.40	18.29	19.00
		25	13	18.39	18.44	18.23	19.00
		25	25	18.27	18.36	18.23	19.00
		50	0	18.20	18.26	18.43	19.00
15MHz	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				QPSK	18675	18900	
	1	0	20.30		20.57	20.29	21.50
	1	38	20.40		20.24	20.37	21.50
	1	74	20.45		20.37	20.24	21.50
	36	0	20.35		20.23	20.32	21.50
	36	18	20.39		20.38	20.34	21.50
	36	39	20.32		20.41	20.42	21.50
	75	0	20.32	20.23	20.45	21.50	
	16QAM	1	0	20.37	20.39	20.44	21.50
		1	38	20.37	20.14	20.18	21.50
		1	74	20.37	20.30	20.37	21.50
		36	0	20.48	20.22	20.43	21.50
		36	18	20.34	20.26	20.25	21.50
		36	39	20.46	20.23	20.27	21.50
		75	0	20.23	20.23	20.18	21.50
	64QAM	1	0	20.43	20.53	20.48	21.50
		1	38	20.51	20.49	20.48	21.50
		1	74	20.53	20.49	20.50	21.50
		36	0	20.17	20.16	20.09	21.00
		36	18	20.09	20.02	20.06	21.00
		36	39	20.15	20.10	19.95	21.00
		75	0	20.00	20.15	20.04	21.00
	256QAM	1	0	18.14	18.35	18.38	19.00
		1	38	18.18	18.28	18.29	19.00
		1	74	18.37	18.30	18.56	19.00
		36	0	18.45	18.52	18.25	19.00
		36	18	18.33	18.31	18.24	19.00
		36	39	18.24	18.28	18.42	19.00
75		0	18.21	18.16	18.51	19.00	
20MHz	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18700	18900	19100	
	QPSK	1	0	20.30	20.63	20.28	21.50
		1	50	20.27	20.25	20.22	21.50
		1	99	20.26	20.22	20.08	21.50
		50	0	20.23	20.49	20.25	21.50
		50	25	20.14	20.39	20.12	21.50
		50	50	20.13	20.38	20.19	21.50
		100	0	20.30	20.37	20.26	21.50
	16QAM	1	0	20.31	20.13	20.17	21.50
		1	50	20.46	20.44	20.40	21.50
		1	99	20.44	20.43	20.38	21.50
		50	0	20.18	20.09	20.23	21.50
		50	25	20.17	20.24	20.17	21.50

	64QAM	50	50	20.23	20.23	20.23	21.50
		100	0	19.90	19.95	19.93	21.50
		1	0	20.20	20.25	20.23	21.50
		1	50	20.25	20.09	20.17	21.50
		1	99	20.28	20.23	20.21	21.50
		50	0	20.20	20.06	20.11	21.00
		50	25	20.20	20.22	20.15	21.00
		50	50	20.00	20.09	20.14	21.00
		100	0	20.05	20.00	19.99	21.00
	256QAM	1	0	18.20	18.45	18.43	19.00
		1	50	18.30	18.37	18.29	19.00
		1	99	18.47	18.20	18.46	19.00
		50	0	18.27	18.51	18.38	19.00
		50	25	18.23	18.31	18.38	19.00
		50	50	18.14	18.17	18.36	19.00
		100	0	18.12	18.18	18.40	19.00

LTE Band 4 Default				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19957	20175	20393	
1.4MHz	QPSK	1	0	22.61	22.85	22.83	23.90
		1	2	22.54	22.64	22.61	23.90
		1	5	22.61	22.82	22.71	23.90
		3	0	22.56	22.62	22.29	23.90
		3	2	22.42	22.56	22.36	23.90
		3	3	22.39	22.43	22.38	23.90
	16QAM	6	0	21.75	21.76	21.61	22.90
		1	0	21.75	21.70	21.45	22.90
		1	2	21.49	21.75	21.60	22.90
		1	5	21.59	21.77	21.52	22.90
		3	0	21.42	21.49	21.34	22.90
		3	2	21.53	21.32	21.36	22.90
	64QAM	3	3	21.46	21.47	21.47	22.90
		6	0	20.61	20.68	20.49	21.90
		1	0	20.45	20.64	20.62	21.90
		1	2	20.60	20.44	20.47	21.90
		1	5	20.58	20.67	20.73	21.90
		3	0	20.20	20.39	20.25	21.90
	256QAM	3	2	20.34	20.64	20.56	21.90
		3	3	20.19	20.31	20.70	21.90
		6	0	19.69	19.66	19.44	20.90
		1	0	17.67	17.54	17.50	18.90
		1	2	17.68	17.41	17.42	18.90
		1	5	17.58	17.65	17.73	18.90
		3	0	17.64	17.39	17.50	18.90
		3	2	17.64	17.65	17.54	18.90
	3	3	17.46	17.50	17.52	18.90	
	6	0	17.50	17.46	17.53	18.90	

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19965	20175	20385	
3MHz	QPSK	1	0	22.73	22.64	22.59	23.90
		1	7	22.51	22.66	22.65	23.90
		1	14	22.61	22.69	22.60	23.90
		8	0	21.47	21.68	21.61	22.90
		8	4	21.43	21.75	21.51	22.90
		8	7	21.47	21.67	21.54	22.90
		15	0	21.53	21.75	21.58	22.90
	16QAM	1	0	21.52	21.68	21.48	22.90
		1	7	21.58	21.59	21.57	22.90
		1	14	21.36	21.66	21.46	22.90
		8	0	20.36	20.61	20.52	21.90
		8	4	20.53	20.52	20.67	21.90
		8	7	20.57	20.53	20.77	21.90
		15	0	20.51	20.50	20.46	21.90
	64QAM	1	0	20.55	20.64	20.66	21.90
		1	7	20.54	20.49	20.59	21.90
		1	14	20.67	20.58	20.61	21.90
		8	0	19.51	19.52	19.60	20.90
		8	4	19.44	19.82	19.81	20.90
		8	7	19.55	19.40	19.67	20.90
		15	0	19.58	19.64	19.54	20.90
	256QAM	1	0	17.58	17.53	17.60	18.90
		1	7	17.52	17.54	17.49	18.90
		1	14	17.46	17.50	17.58	18.90
8		0	17.62	17.50	17.55	18.90	
8		4	17.63	17.44	17.52	18.90	
8		7	17.58	17.44	17.51	18.90	
15		0	17.55	17.51	17.59	18.90	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
5MHz	QPSK	1	0	22.60	22.73	22.75	23.90
		1	13	22.58	22.65	22.67	23.90
		1	24	22.67	22.71	22.66	23.90
		12	0	21.63	21.59	21.54	22.90
		12	6	21.53	21.75	21.66	22.90
		12	13	21.48	21.49	21.50	22.90
		25	0	21.59	21.74	21.40	22.90
	16QAM	1	0	21.61	21.55	21.61	22.90
		1	13	21.53	21.72	21.40	22.90
		1	24	21.45	21.63	21.37	22.90
		12	0	20.53	20.62	20.53	21.90
		12	6	20.49	20.70	20.57	21.90
		12	13	20.68	20.60	20.59	21.90
		25	0	20.64	20.73	20.56	21.90
	64QAM	1	0	20.35	20.64	20.60	21.90
		1	13	20.65	20.58	20.63	21.90
		1	24	20.50	20.63	20.66	21.90

	256QAM	12	0	19.43	19.46	19.52	20.90
		12	6	19.45	19.80	19.67	20.90
		12	13	19.41	19.51	19.60	20.90
		25	0	19.49	19.69	19.41	20.90
		1	0	17.65	17.49	17.47	18.90
		1	13	17.54	17.62	17.52	18.90
		1	24	17.41	17.65	17.57	18.90
		12	0	17.64	17.60	17.60	18.90
		12	6	17.54	17.58	17.70	18.90
		12	13	17.57	17.42	17.56	18.90
25	0	17.40	17.52	17.68	18.90		
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20000	20175	20350	
10MHz	QPSK	1	0	22.72	22.85	22.59	23.90
		1	25	22.51	22.55	22.67	23.90
		1	49	22.56	22.63	22.69	23.90
		25	0	21.64	21.76	21.57	22.90
		25	13	21.42	21.66	21.67	22.90
		25	25	21.49	21.49	21.57	22.90
		50	0	21.55	21.77	21.47	22.90
	16QAM	1	0	21.66	21.63	21.45	22.90
		1	25	21.57	21.66	21.46	22.90
		1	49	21.47	21.84	21.55	22.90
		25	0	20.45	20.69	20.66	21.90
		25	13	20.60	20.64	20.61	21.90
		25	25	20.59	20.53	20.73	21.90
	64QAM	50	0	20.52	20.75	20.54	21.90
		1	0	20.40	20.65	20.61	21.90
		1	25	20.64	20.68	20.50	21.90
		1	49	20.66	20.69	20.80	21.90
		25	0	19.51	19.52	19.62	20.90
		25	13	19.43	19.63	19.59	20.90
	256QAM	25	25	19.58	19.51	19.78	20.90
		50	0	19.59	19.75	19.56	20.90
		1	0	17.54	17.45	17.48	18.90
		1	25	17.59	17.41	17.43	18.90
		1	49	17.63	17.59	17.62	18.90
25		0	17.69	17.58	17.56	18.90	
25	13	17.73	17.46	17.61	18.90		
25	25	17.49	17.53	17.56	18.90		
50	0	17.42	17.63	17.67	18.90		
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20025	20175	20325	
15MHz	QPSK	1	0	22.78	22.65	22.67	23.90
		1	38	22.67	22.52	22.60	23.90
		1	74	22.76	22.66	22.70	23.90
		36	0	21.69	21.79	21.62	22.90
		36	18	21.43	21.58	21.46	22.90
		36	39	21.47	21.56	21.39	22.90
		75	0	21.54	21.75	21.52	22.90
	16QAM	1	0	21.61	21.72	21.53	22.90

		1	38	21.58	21.62	21.46	22.90		
		1	74	21.46	21.64	21.42	22.90		
		36	0	20.48	20.70	20.51	21.90		
		36	18	20.65	20.51	20.49	21.90		
		36	39	20.49	20.60	20.58	21.90		
		75	0	20.68	20.69	20.39	21.90		
	64QAM	1	0	20.45	20.62	20.50	21.90		
		1	38	20.58	20.56	20.52	21.90		
		1	74	20.57	20.65	20.69	21.90		
		36	0	19.62	19.59	19.66	20.90		
		36	18	19.56	19.61	19.83	20.90		
		36	39	19.51	19.56	19.65	20.90		
	256QAM	75	0	19.50	19.68	19.45	20.90		
		1	0	17.73	17.42	17.57	18.90		
		1	38	17.54	17.60	17.62	18.90		
		1	74	17.43	17.47	17.65	18.90		
		36	0	17.71	17.42	17.59	18.90		
		36	18	17.63	17.62	17.54	18.90		
		Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
						20050	20175	20300	
	20MHz	QPSK	1	0	22.79	22.87	22.83	23.90	
1			50	22.72	22.67	22.81	23.90		
1			99	22.78	22.86	22.75	23.90		
50			0	21.71	21.82	21.69	22.90		
50			25	21.57	21.76	21.67	22.90		
50			50	21.66	21.73	21.63	22.90		
100			0	21.77	21.87	21.63	22.90		
16QAM		1	0	21.75	21.76	21.64	22.90		
		1	50	21.69	21.84	21.62	22.90		
		1	99	21.60	21.85	21.58	22.90		
		50	0	20.61	20.84	20.73	21.90		
		50	25	20.73	20.75	20.72	21.90		
		50	50	20.73	20.70	20.82	21.90		
		100	0	20.70	20.75	20.62	21.90		
64QAM		1	0	20.58	20.67	20.74	21.90		
		1	50	20.66	20.69	20.65	21.90		
		1	99	20.73	20.79	20.81	21.90		
		50	0	19.62	19.71	19.69	20.90		
		50	25	19.60	19.83	19.83	20.90		
		50	50	19.61	19.63	19.80	20.90		
		100	0	19.69	19.84	19.63	20.90		
256QAM		1	0	17.76	17.66	17.64	18.90		
		1	50	17.68	17.66	17.66	18.90		
		1	99	17.63	17.71	17.81	18.90		
		50	0	17.74	17.62	17.69	18.90		
		50	25	17.76	17.68	17.76	18.90		
		50	50	17.63	17.64	17.66	18.90		
		100	0	17.61	17.67	17.77	18.90		

LTE Band 4 DSI1&5				Conducted Power(dBm)				
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				19957	20175	20393		
1.4MHz	QPSK	1	0	18.99	18.97	18.89	20.40	
		1	2	18.96	18.90	18.99	20.40	
		1	5	18.91	18.99	19.00	20.40	
		3	0	18.98	19.03	18.92	20.40	
		3	2	18.98	19.01	18.90	20.40	
		3	3	19.05	18.98	19.02	20.40	
	16QAM	6	0	18.98	18.92	18.90	20.40	
		1	0	19.08	18.95	19.06	20.40	
		1	2	19.02	18.96	18.97	20.40	
		1	5	18.96	18.97	19.03	20.40	
		3	0	19.02	18.99	18.98	20.40	
		3	2	19.01	18.99	18.98	20.40	
	64QAM	3	3	19.02	18.97	18.94	20.40	
		6	0	19.06	19.00	18.96	20.40	
		1	0	18.99	18.93	18.93	20.40	
		1	2	19.00	19.01	18.99	20.40	
		1	5	18.91	18.89	18.95	20.40	
		3	0	19.08	19.00	18.94	20.40	
	256QAM	3	2	19.08	18.92	19.01	20.40	
		3	3	18.97	18.98	18.95	20.40	
		6	0	19.00	18.98	18.90	20.40	
		1	0	17.46	17.72	17.59	18.90	
		1	2	17.75	17.45	17.62	18.90	
		1	5	17.62	17.83	17.61	18.90	
3MHz	QPSK	3	0	17.62	17.79	17.55	18.90	
		3	2	17.68	17.69	17.67	18.90	
		3	3	17.60	17.54	17.64	18.90	
		6	0	17.51	17.51	17.72	18.90	
		1	0	19.02	18.92	18.97	20.40	
		1	7	18.95	18.90	18.98	20.40	
	16QAM	1	14	18.90	18.98	19.04	20.40	
		8	0	18.94	19.02	18.96	20.40	
		8	4	19.04	18.94	18.97	20.40	
		8	7	19.00	19.00	18.97	20.40	
		15	0	19.04	18.98	18.97	20.40	
		1	0	19.00	18.95	19.02	20.40	
	64QAM	1	7	18.93	18.97	19.03	20.40	
		1	14	19.02	19.01	18.95	20.40	
		8	0	19.05	18.98	18.97	20.40	
		8	4	19.01	18.92	18.98	20.40	
		8	7	19.00	18.94	18.95	20.40	
		15	0	19.08	18.94	18.88	20.40	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					19965	20175	20385	
	3MHz	QPSK	1	0	19.02	18.92	18.97	20.40
			1	7	18.95	18.90	18.98	20.40
	16QAM	QPSK	1	14	18.90	18.98	19.04	20.40
			8	0	18.94	19.02	18.96	20.40
64QAM	16QAM	8	4	19.04	18.94	18.97	20.40	
		8	7	19.00	19.00	18.97	20.40	
64QAM	16QAM	15	0	19.04	18.98	18.97	20.40	
		1	0	19.00	18.95	19.02	20.40	
64QAM	16QAM	1	7	18.93	18.97	19.03	20.40	
		1	14	19.02	19.01	18.95	20.40	
64QAM	16QAM	8	0	19.05	18.98	18.97	20.40	
		8	4	19.01	18.92	18.98	20.40	
64QAM	16QAM	8	7	19.00	18.94	18.95	20.40	
		15	0	19.08	18.94	18.88	20.40	
64QAM	16QAM	1	0	18.98	18.95	19.01	20.40	
		1	0	18.98	18.95	19.01	20.40	

		1	7	18.98	18.99	18.96	20.40
		1	14	18.94	18.91	19.01	20.40
		8	0	19.06	19.00	18.92	20.40
		8	4	19.03	18.94	19.03	20.40
		8	7	18.96	19.01	18.99	20.40
		15	0	19.03	18.91	18.96	20.40
	256QAM	1	0	17.40	17.68	17.62	18.90
		1	7	17.68	17.47	17.62	18.90
		1	14	17.67	17.81	17.54	18.90
		8	0	17.59	17.75	17.52	18.90
		8	4	17.65	17.74	17.65	18.90
		8	7	17.59	17.51	17.73	18.90
		15	0	17.56	17.56	17.73	18.90
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19975	20175	20375	
5MHz	QPSK	1	0	18.97	18.93	18.89	20.40
		1	13	18.99	18.88	18.95	20.40
		1	24	19.01	18.96	19.00	20.40
		12	0	18.94	19.00	18.96	20.40
		12	6	19.01	19.02	18.89	20.40
		12	13	19.04	19.05	19.00	20.40
		25	0	19.06	18.95	18.96	20.40
	16QAM	1	0	18.99	19.02	18.96	20.40
		1	13	19.00	18.97	18.96	20.40
		1	24	19.00	18.99	18.97	20.40
		12	0	19.00	19.00	18.91	20.40
		12	6	19.07	18.95	18.96	20.40
		12	13	18.98	18.95	18.95	20.40
		25	0	19.01	18.91	18.86	20.40
	64QAM	1	0	18.94	18.95	18.97	20.40
		1	13	19.00	19.02	19.00	20.40
		1	24	18.99	18.93	18.96	20.40
		12	0	19.04	19.03	19.00	20.40
		12	6	19.01	18.92	18.96	20.40
		12	13	18.91	19.02	18.91	20.40
		25	0	19.03	18.99	18.94	20.40
	256QAM	1	0	17.40	17.75	17.65	18.90
		1	13	17.76	17.44	17.71	18.90
		1	24	17.65	17.82	17.60	18.90
		12	0	17.57	17.80	17.54	18.90
		12	6	17.68	17.67	17.69	18.90
		12	13	17.62	17.52	17.65	18.90
		25	0	17.54	17.56	17.79	18.90
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20000	20175	20350	
10MHz	QPSK	1	0	19.01	18.97	18.91	20.40
		1	25	18.97	18.94	19.01	20.40
		1	49	18.97	18.92	18.99	20.40
		25	0	18.93	18.97	18.92	20.40
		25	13	19.02	18.96	18.88	20.40

	16QAM	25	25	19.01	19.01	18.99	20.40	
		50	0	19.04	18.93	18.96	20.40	
		1	0	19.04	19.01	19.05	20.40	
		1	25	18.91	18.91	19.00	20.40	
		1	49	18.99	18.96	18.95	20.40	
		25	0	19.02	19.03	19.00	20.40	
		25	13	19.04	18.98	18.92	20.40	
		25	25	18.95	18.88	18.91	20.40	
	64QAM	50	0	19.06	18.90	18.89	20.40	
		1	0	18.91	18.96	18.96	20.40	
		1	25	18.99	18.94	18.97	20.40	
		1	49	18.97	18.94	19.01	20.40	
		25	0	19.05	18.98	18.98	20.40	
		25	13	19.07	18.93	18.96	20.40	
		25	25	18.97	19.02	18.97	20.40	
		50	0	19.06	18.99	18.90	20.40	
	256QAM	1	0	17.46	17.68	17.62	18.90	
		1	25	17.76	17.53	17.72	18.90	
		1	49	17.62	17.76	17.57	18.90	
		25	0	17.65	17.82	17.56	18.90	
		25	13	17.65	17.70	17.66	18.90	
		25	25	17.57	17.55	17.73	18.90	
		50	0	17.58	17.53	17.78	18.90	
	Bandwidth	Modulation	RB size	RB offset	Channel 20025	Channel 20175	Channel 20325	Tune up
	15MHz	QPSK	1	0	18.93	18.93	18.90	20.40
1			38	18.92	18.95	19.02	20.40	
1			74	18.98	18.99	19.05	20.40	
36			0	19.01	18.99	18.92	20.40	
36			18	18.97	19.00	18.98	20.40	
36			39	19.02	19.05	19.00	20.40	
75			0	19.04	18.99	18.92	20.40	
16QAM		1	0	19.01	18.97	19.01	20.40	
		1	38	18.94	18.99	18.96	20.40	
		1	74	18.93	19.06	19.02	20.40	
		36	0	19.08	18.97	18.98	20.40	
		36	18	19.08	18.93	18.95	20.40	
		36	39	19.04	18.92	18.98	20.40	
		75	0	18.99	18.96	18.97	20.40	
64QAM		1	0	18.91	18.97	19.01	20.40	
		1	38	19.00	19.03	18.93	20.40	
		1	74	18.93	18.92	19.00	20.40	
		36	0	19.05	18.96	19.01	20.40	
		36	18	19.03	18.91	19.03	20.40	
		36	39	18.90	19.02	18.93	20.40	
		75	0	19.05	18.92	18.91	20.40	
256QAM		1	0	17.41	17.69	17.63	18.90	
		1	38	17.68	17.48	17.62	18.90	
		1	74	17.65	17.85	17.52	18.90	
		36	0	17.61	17.82	17.50	18.90	
	36	18	17.66	17.71	17.62	18.90		

Bandwidth	Modulation	36	39	17.54	17.51	17.72	18.90
		75	0	17.59	17.53	17.79	18.90
		RB size	RB offset	Channel	Channel	Channel	Tune up
				20050	20175	20300	
20MHz	QPSK	1	0	19.03	19.10	19.02	20.40
		1	50	18.95	18.95	18.97	20.40
		1	99	19.00	18.93	18.98	20.40
		50	0	19.08	19.06	19.06	20.40
		50	25	19.07	18.98	18.92	20.40
		50	50	19.02	19.00	19.02	20.40
		100	0	19.06	19.07	18.91	20.40
	16QAM	1	0	19.08	18.97	19.01	20.40
		1	50	18.94	18.98	18.99	20.40
		1	99	18.96	19.01	19.04	20.40
		50	0	19.07	18.97	19.00	20.40
		50	25	19.03	19.02	18.96	20.40
		50	50	19.03	18.95	18.89	20.40
		100	0	19.02	18.99	18.94	20.40
	64QAM	1	0	18.99	18.87	18.96	20.40
		1	50	19.01	18.96	18.92	20.40
		1	99	18.98	18.93	18.95	20.40
		50	0	19.09	18.95	18.93	20.40
		50	25	18.99	18.91	19.02	20.40
		50	50	18.96	18.97	18.92	20.40
		100	0	19.07	18.97	18.96	20.40
	256QAM	1	0	17.44	17.73	17.59	18.90
		1	50	17.69	17.45	17.62	18.90
		1	99	17.60	17.82	17.51	18.90
		50	0	17.61	17.83	17.54	18.90
		50	25	17.62	17.72	17.62	18.90
		50	50	17.57	17.53	17.72	18.90
		100	0	17.59	17.49	17.77	18.90

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	20.09	20.11	19.94	21.40	
		1	2	20.13	19.96	20.00	21.40	
		1	5	20.02	20.07	20.07	21.40	
		3	0	20.10	20.15	19.93	21.40	
		3	2	20.14	20.07	20.03	21.40	
		3	3	20.12	20.08	20.15	21.40	
	16QAM	6	0	20.17	20.02	20.04	21.40	
		1	0	20.18	20.11	20.13	21.40	
		1	2	20.11	19.98	20.03	21.40	
		1	5	20.14	20.18	20.06	21.40	
		3	0	20.15	20.16	20.06	21.40	
		3	2	20.21	20.16	19.98	21.40	
	64QAM	3	3	20.11	20.13	19.99	21.40	
		6	0	20.10	20.05	19.95	21.40	
		1	0	20.06	20.03	20.11	21.40	
		1	2	19.98	20.11	20.04	21.40	
		1	5	20.05	20.03	20.12	21.40	
		3	0	20.06	20.07	20.06	21.40	
	256QAM	3	2	20.07	20.17	20.08	21.40	
		3	3	20.09	20.02	20.06	21.40	
		6	0	19.54	19.39	19.52	20.90	
		1	0	17.58	17.69	17.69	18.90	
		1	2	17.39	17.67	17.69	18.90	
		1	5	17.79	17.43	17.71	18.90	
	3MHz	QPSK	3	0	17.60	17.88	17.50	18.90
			3	2	17.66	17.64	17.66	18.90
			3	3	17.52	17.57	17.68	18.90
			6	0	17.55	17.52	17.75	18.90
1			0	20.03	20.08	20.01	21.40	
1			7	20.06	19.98	20.01	21.40	
1			14	19.99	20.16	20.08	21.40	
16QAM		8	0	20.11	20.07	19.94	21.40	
		8	4	20.14	20.06	20.08	21.40	
		8	7	20.11	20.13	20.10	21.40	
		15	0	20.16	19.99	19.95	21.40	
		1	0	20.19	20.06	20.12	21.40	
		1	7	20.07	19.97	20.11	21.40	
		1	14	20.11	20.17	20.10	21.40	
64QAM	8	0	20.19	20.06	20.05	21.40		
8	4	20.16	20.16	19.97	21.40			
8	7	20.04	20.09	19.96	21.40			
15	0	20.10	20.02	20.00	21.40			
1	0	19.99	20.06	20.12	21.40			

		1	7	20.04	20.10	19.99	21.40
		1	14	20.12	19.99	20.09	21.40
		8	0	19.52	19.52	19.48	20.90
		8	4	19.53	19.35	19.42	20.90
		8	7	19.53	19.59	19.44	20.90
		15	0	19.60	19.48	19.55	20.90
	256QAM	1	0	17.51	17.70	17.61	18.90
		1	7	17.44	17.69	17.62	18.90
		1	14	17.81	17.47	17.68	18.90
		8	0	17.69	17.88	17.47	18.90
		8	4	17.59	17.63	17.70	18.90
		8	7	17.48	17.58	17.63	18.90
		15	0	17.56	17.53	17.68	18.90
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19975	20175	20375	
5MHz	QPSK	1	0	20.03	20.10	19.98	21.40
		1	13	20.13	20.03	20.02	21.40
		1	24	20.03	20.10	20.11	21.40
		12	0	20.06	20.07	19.93	21.40
		12	6	20.17	20.11	20.10	21.40
		12	13	20.16	20.08	20.15	21.40
		25	0	20.19	19.95	20.01	21.40
	16QAM	1	0	20.15	20.08	20.13	21.40
		1	13	20.14	20.05	20.10	21.40
		1	24	20.04	20.13	20.07	21.40
		12	0	20.17	20.16	20.04	21.40
		12	6	20.12	20.13	20.01	21.40
		12	13	20.09	20.08	19.97	21.40
		25	0	20.12	20.11	20.00	21.40
	64QAM	1	0	20.01	20.00	20.09	21.40
		1	13	19.98	20.14	20.00	21.40
		1	24	20.04	19.98	20.07	21.40
		12	0	19.44	19.51	19.46	20.90
		12	6	19.51	19.44	19.45	20.90
		12	13	19.50	19.60	19.35	20.90
		25	0	19.63	19.44	19.49	20.90
	256QAM	1	0	17.54	17.67	17.69	18.90
		1	13	17.43	17.70	17.66	18.90
		1	24	17.80	17.37	17.75	18.90
		12	0	17.61	17.86	17.53	18.90
		12	6	17.63	17.59	17.61	18.90
		12	13	17.47	17.58	17.69	18.90
		25	0	17.50	17.54	17.70	18.90
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20000	20175	20350	
10MHz	QPSK	1	0	20.04	20.07	19.94	21.40
		1	25	20.12	19.98	20.07	21.40
		1	49	20.09	20.14	20.07	21.40
		25	0	20.14	20.10	19.99	21.40
		25	13	20.12	20.09	20.10	21.40

	16QAM	25	25	20.13	20.15	20.15	21.40	
		50	0	20.15	19.95	19.96	21.40	
		1	0	20.12	20.05	20.09	21.40	
		1	25	20.12	20.05	20.05	21.40	
		1	49	20.12	20.15	20.10	21.40	
		25	0	20.14	20.11	19.99	21.40	
		25	13	20.16	20.11	20.02	21.40	
		25	25	20.11	20.11	19.95	21.40	
	64QAM	50	0	20.13	20.09	20.02	21.40	
		1	0	20.08	19.99	20.14	21.40	
		1	25	20.06	20.07	20.06	21.40	
		1	49	20.08	20.06	20.11	21.40	
		25	0	19.52	19.54	19.48	20.90	
		25	13	19.52	19.40	19.45	20.90	
		25	25	19.50	19.54	19.33	20.90	
	256QAM	50	0	19.56	19.44	19.47	20.90	
		1	0	17.57	17.65	17.69	18.90	
		1	25	17.49	17.71	17.70	18.90	
		1	49	17.80	17.40	17.68	18.90	
		25	0	17.60	17.87	17.52	18.90	
		25	13	17.63	17.67	17.66	18.90	
		25	25	17.55	17.48	17.62	18.90	
	50	0	17.58	17.54	17.75	18.90		
	Bandwidth	Modulation	RB size	RB offset	Channel 20025	Channel 20175	Channel 20325	Tune up
	15MHz	QPSK	1	0	20.11	20.10	20.01	21.40
1			38	20.13	19.99	20.00	21.40	
1			74	20.04	20.09	20.10	21.40	
36			0	20.16	20.08	19.95	21.40	
36			18	19.95	20.14	20.03	21.40	
36			39	20.09	20.11	20.10	21.40	
75			0	20.09	20.01	20.01	21.40	
16QAM		1	0	20.10	20.14	20.10	21.40	
		1	38	20.11	20.08	20.08	21.40	
		1	74	20.08	20.11	20.12	21.40	
		36	0	20.09	20.10	20.05	21.40	
		36	18	20.10	20.13	20.03	21.40	
		36	39	20.08	20.07	19.99	21.40	
		75	0	20.11	20.03	19.97	21.40	
64QAM		1	0	20.07	19.97	20.09	21.40	
		1	38	20.06	20.14	20.00	21.40	
		1	74	20.08	20.00	20.11	21.40	
		36	0	19.44	19.52	19.46	20.90	
		36	18	19.54	19.41	19.44	20.90	
		36	39	19.49	19.58	19.37	20.90	
		75	0	19.55	19.37	19.50	20.90	
256QAM		1	0	17.56	17.63	17.62	18.90	
		1	38	17.46	17.67	17.60	18.90	
		1	74	17.79	17.47	17.71	18.90	
		36	0	17.61	17.85	17.54	18.90	
	36	18	17.61	17.68	17.66	18.90		



Bandwidth	Modulation	36	39	17.54	17.52	17.63	18.90
		75	0	17.58	17.49	17.70	18.90
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20050	20175	20300	
20MHz	QPSK	1	0	20.17	20.24	20.12	21.40
		1	50	20.11	20.01	20.02	21.40
		1	99	20.06	20.15	20.11	21.40
		50	0	20.21	20.17	20.12	21.40
		50	25	20.19	20.06	20.11	21.40
		50	50	20.14	20.14	20.11	21.40
		100	0	20.06	20.17	19.99	21.40
	16QAM	1	0	20.21	20.04	20.16	21.40
		1	50	20.08	20.00	20.09	21.40
		1	99	20.04	20.16	20.04	21.40
		50	0	20.16	20.07	20.04	21.40
		50	25	20.17	20.10	19.97	21.40
		50	50	20.03	20.04	19.97	21.40
		100	0	20.10	20.07	19.95	21.40
	64QAM	1	0	20.09	20.06	20.07	21.40
		1	50	20.01	20.13	20.06	21.40
		1	99	20.09	20.03	20.02	21.40
		50	0	19.47	19.54	19.44	20.90
		50	25	19.53	19.43	19.50	20.90
		50	50	19.50	19.54	19.43	20.90
		100	0	19.56	19.43	19.55	20.90
	256QAM	1	0	17.54	17.68	17.69	18.90
		1	50	17.42	17.64	17.60	18.90
		1	99	17.82	17.40	17.66	18.90
		50	0	17.63	17.81	17.52	18.90
		50	25	17.57	17.60	17.61	18.90
		50	50	17.53	17.53	17.62	18.90
		100	0	17.49	17.48	17.73	18.90

LTE Band 7 Default				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20775	21100	21425	
5MHz	QPSK	1	0	23.81	23.90	23.79	25.00
		1	13	23.75	23.63	23.53	25.00
		1	24	23.73	23.73	23.65	25.00
		12	0	22.62	22.83	22.78	24.00
		12	6	22.74	22.65	22.88	24.00
		12	13	22.56	22.71	22.75	24.00
		25	0	22.47	22.79	22.66	24.00
	16QAM	1	0	22.81	22.71	22.66	24.00
		1	13	22.62	22.69	22.81	24.00
		1	24	22.84	22.94	22.78	24.00
		12	0	21.54	21.83	21.79	23.00
		12	6	21.61	21.74	21.51	23.00
		12	13	21.46	21.66	21.53	23.00

	64QAM	25	0	21.64	21.74	21.76	23.00
		1	0	21.67	21.58	21.63	23.00
		1	13	21.65	21.65	21.56	23.00
		1	24	21.78	21.82	21.60	23.00
		12	0	20.70	20.65	20.54	22.00
		12	6	20.79	20.67	20.59	22.00
		12	13	20.63	20.70	20.89	22.00
	256QAM	25	0	20.70	20.66	20.59	22.00
		1	0	18.53	18.89	18.52	20.00
		1	13	18.57	18.64	18.60	20.00
		1	24	18.58	18.78	18.68	20.00
		12	0	18.62	18.79	18.88	20.00
		12	6	18.64	18.69	18.71	20.00
		12	13	18.70	18.74	18.77	20.00
25	0	18.67	18.78	18.77	20.00		
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20800	21100	21400	
10MHz	QPSK	1	0	23.74	23.92	23.75	25.00
		1	25	23.68	23.74	23.56	25.00
		1	49	23.58	23.73	23.67	25.00
		25	0	22.65	22.83	22.72	24.00
		25	13	22.82	22.81	22.88	24.00
		25	25	22.74	22.77	22.77	24.00
		50	0	22.63	22.79	22.68	24.00
	16QAM	1	0	22.66	22.71	22.54	24.00
		1	25	22.74	22.67	22.60	24.00
		1	49	22.78	22.71	22.73	24.00
		25	0	21.61	21.90	21.69	23.00
		25	13	21.45	21.66	21.62	23.00
		25	25	21.46	21.74	21.57	23.00
		50	0	21.78	21.83	21.75	23.00
	64QAM	1	0	21.49	21.74	21.70	23.00
		1	25	21.50	21.61	21.54	23.00
		1	49	21.61	21.83	21.74	23.00
		25	0	20.72	20.55	20.53	22.00
		25	13	20.86	20.59	20.51	22.00
		25	25	20.64	20.52	20.77	22.00
		50	0	20.49	20.66	20.47	22.00
	256QAM	1	0	18.72	18.75	18.66	20.00
		1	25	18.61	18.64	18.79	20.00
		1	49	18.63	18.91	18.67	20.00
		25	0	18.65	18.76	18.83	20.00
		25	13	18.58	18.81	18.71	20.00
		25	25	18.77	18.66	18.86	20.00
		50	0	18.67	18.74	18.59	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20825	21100	21375	
15MHz	QPSK	1	0	23.63	23.75	23.83	25.00
		1	38	23.62	23.72	23.68	25.00
		1	74	23.66	23.75	23.50	25.00
		36	0	22.69	22.88	22.75	24.00

	16QAM	36	18	22.70	22.80	22.82	24.00
		36	39	22.71	22.78	22.71	24.00
		75	0	22.47	22.68	22.79	24.00
		1	0	22.71	22.55	22.65	24.00
		1	38	22.56	22.68	22.67	24.00
		1	74	22.86	22.80	22.75	24.00
		36	0	21.47	21.77	21.64	23.00
		36	18	21.57	21.61	21.62	23.00
		36	39	21.66	21.70	21.50	23.00
	75	0	21.76	21.62	21.83	23.00	
	64QAM	1	0	21.57	21.67	21.64	23.00
		1	38	21.67	21.77	21.50	23.00
		1	74	21.76	21.83	21.69	23.00
		36	0	20.78	20.53	20.62	22.00
		36	18	20.64	20.77	20.56	22.00
		36	39	20.61	20.74	20.74	22.00
	256QAM	75	0	20.64	20.85	20.60	22.00
		1	0	18.52	18.94	18.58	20.00
		1	38	18.69	18.68	18.66	20.00
		1	74	18.51	18.84	18.82	20.00
		36	0	18.57	18.68	18.79	20.00
36		18	18.71	18.76	18.73	20.00	
36		39	18.72	18.59	18.90	20.00	
75	0	18.75	18.70	18.76	20.00		
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20850	21100	21350	
20MHz	QPSK	1	0	23.87	23.99	23.93	25.00
		1	50	23.77	23.80	23.74	25.00
		1	99	23.78	23.93	23.72	25.00
		50	0	22.75	22.92	22.85	24.00
		50	25	22.84	22.83	22.90	24.00
		50	50	22.80	22.91	22.88	24.00
		100	0	22.71	22.85	22.82	24.00
	16QAM	1	0	22.85	22.77	22.78	24.00
		1	50	22.75	22.75	22.85	24.00
		1	99	22.87	22.94	22.81	24.00
		50	0	21.65	21.98	21.81	23.00
		50	25	21.66	21.79	21.75	23.00
		50	50	21.69	21.77	21.72	23.00
		100	0	21.80	21.85	21.87	23.00
	64QAM	1	0	21.70	21.80	21.73	23.00
		1	50	21.67	21.80	21.72	23.00
		1	99	21.83	21.91	21.80	23.00
		50	0	20.80	20.74	20.70	22.00
		50	25	20.86	20.81	20.74	22.00
		50	50	20.68	20.76	20.90	22.00
		100	0	20.71	20.86	20.70	22.00
256QAM	1	0	18.73	18.97	18.73	20.00	
	1	50	18.79	18.86	18.80	20.00	
	1	99	18.65	18.99	18.85	20.00	
	50	0	18.80	18.84	18.90	20.00	

		50	25	18.73	18.83	18.91	20.00
		50	50	18.81	18.78	18.92	20.00
		100	0	18.80	18.78	18.79	20.00

LTE Band 7 DS1&5				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20775	21100	21425	
5MHz	QPSK	1	0	16.39	16.41	16.38	18.00
		1	13	16.37	16.41	16.40	18.00
		1	24	16.34	16.39	16.40	18.00
		12	0	16.40	16.46	16.38	18.00
		12	6	16.40	16.42	16.38	18.00
		12	13	16.41	16.42	16.34	18.00
		25	0	16.39	16.38	16.40	18.00
	16QAM	1	0	16.39	16.40	16.41	18.00
		1	13	16.42	16.46	16.42	18.00
		1	24	16.36	16.47	16.41	18.00
		12	0	16.40	16.41	16.43	18.00
		12	6	16.43	16.47	16.35	18.00
		12	13	16.40	16.44	16.33	18.00
		25	0	16.41	16.47	16.40	18.00
	64QAM	1	0	16.39	16.40	16.32	18.00
		1	13	16.36	16.44	16.33	18.00
		1	24	16.41	16.41	16.35	18.00
		12	0	16.42	16.38	16.33	18.00
		12	6	16.37	16.42	16.41	18.00
		12	13	16.35	16.37	16.43	18.00
		25	0	16.35	16.40	16.34	18.00
	256QAM	1	0	16.40	16.38	16.34	18.00
		1	13	16.39	16.46	16.39	18.00
		1	24	16.41	16.44	16.41	18.00
12		0	16.37	16.39	16.37	18.00	
12		6	16.43	16.40	16.32	18.00	
12		13	16.42	16.41	16.33	18.00	
25		0	16.37	16.41	16.34	18.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
10MHz	QPSK			20800	21100	21400	
		1	0	16.45	16.43	16.34	18.00
		1	25	16.36	16.45	16.33	18.00
		1	49	16.42	16.47	16.39	18.00
		25	0	16.42	16.45	16.36	18.00
		25	13	16.39	16.39	16.32	18.00
		25	25	16.41	16.44	16.42	18.00
	16QAM	50	0	16.39	16.42	16.34	18.00
		1	0	16.37	16.45	16.41	18.00
		1	25	16.38	16.45	16.39	18.00
		1	49	16.40	16.38	16.36	18.00
		25	0	16.39	16.45	16.38	18.00
		25	13	16.45	16.41	16.33	18.00

		25	25	16.41	16.39	16.40	18.00
		50	0	16.38	16.43	16.42	18.00
	64QAM	1	0	16.34	16.47	16.32	18.00
		1	25	16.43	16.41	16.40	18.00
		1	49	16.37	16.42	16.33	18.00
		25	0	16.37	16.42	16.34	18.00
		25	13	16.38	16.44	16.36	18.00
		25	25	16.40	16.37	16.43	18.00
		50	0	16.45	16.43	16.40	18.00
	256QAM	1	0	16.39	16.41	16.41	18.00
		1	25	16.43	16.38	16.33	18.00
		1	49	16.38	16.45	16.36	18.00
		25	0	16.35	16.42	16.37	18.00
		25	13	16.34	16.40	16.35	18.00
25		25	16.38	16.47	16.38	18.00	
50		0	16.37	16.38	16.43	18.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20825	21100	21375	
15MHz	QPSK	1	0	16.39	16.46	16.36	18.00
		1	38	16.35	16.42	16.38	18.00
		1	74	16.44	16.40	16.41	18.00
		36	0	16.45	16.43	16.35	18.00
		36	18	16.40	16.37	16.41	18.00
		36	39	16.40	16.44	16.36	18.00
		75	0	16.43	16.43	16.34	18.00
	16QAM	1	0	16.41	16.38	16.36	18.00
		1	38	16.40	16.37	16.39	18.00
		1	74	16.44	16.45	16.32	18.00
		36	0	16.37	16.45	16.43	18.00
		36	18	16.36	16.46	16.41	18.00
		36	39	16.42	16.45	16.36	18.00
		75	0	16.36	16.47	16.36	18.00
	64QAM	1	0	16.38	16.39	16.34	18.00
		1	38	16.37	16.38	16.39	18.00
		1	74	16.38	16.41	16.36	18.00
		36	0	16.45	16.38	16.39	18.00
		36	18	16.38	16.46	16.33	18.00
		36	39	16.39	16.44	16.35	18.00
		75	0	16.40	16.39	16.39	18.00
	256QAM	1	0	16.35	16.42	16.32	18.00
		1	38	16.34	16.42	16.33	18.00
		1	74	16.34	16.46	16.42	18.00
		36	0	16.41	16.48	16.34	18.00
		36	18	16.37	16.43	16.36	18.00
		36	39	16.44	16.46	16.34	18.00
		75	0	16.34	16.42	16.43	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20850	21100	21350	
20MHz	QPSK	1	0	16.52	16.59	16.43	18.00
		1	50	16.43	16.38	16.38	18.00
		1	99	16.35	16.45	16.40	18.00

		50	0	16.49	16.53	16.43	18.00
		50	25	16.37	16.40	16.35	18.00
		50	50	16.44	16.44	16.35	18.00
		100	0	16.40	16.43	16.34	18.00
	16QAM	1	0	16.44	16.39	16.41	18.00
		1	50	16.38	16.40	16.33	18.00
		1	99	16.39	16.38	16.38	18.00
		50	0	16.44	16.41	16.42	18.00
		50	25	16.41	16.46	16.39	18.00
		50	50	16.43	16.41	16.35	18.00
		100	0	16.39	16.40	16.36	18.00
		64QAM	1	0	16.42	16.40	16.40
	1		50	16.42	16.40	16.39	18.00
	1		99	16.41	16.48	16.33	18.00
	50		0	16.42	16.40	16.41	18.00
	50		25	16.36	16.47	16.34	18.00
	50		50	16.43	16.44	16.36	18.00
	100		0	16.39	16.47	16.35	18.00
	256QAM	1	0	16.40	16.41	16.38	18.00
		1	50	16.42	16.46	16.39	18.00
		1	99	16.40	16.38	16.35	18.00
		50	0	16.34	16.39	16.43	18.00
		50	25	16.45	16.38	16.34	18.00
		50	50	16.35	16.38	16.42	18.00
		100	0	16.43	16.38	16.36	18.00

LTE Band 7 DSI4				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20775	21100	21425	
5MHz	QPSK	1	0	19.07	18.96	18.92	20.50
		1	13	19.05	18.96	18.91	20.50
		1	24	18.97	19.00	18.91	20.50
		12	0	18.96	19.02	18.99	20.50
		12	6	19.03	19.01	18.95	20.50
		12	13	18.96	18.97	18.99	20.50
		25	0	19.07	18.94	18.96	20.50
		16QAM	1	0	18.94	18.94	19.04
	1		13	19.08	18.93	18.89	20.50
	1		24	18.99	19.00	19.01	20.50
	12		0	19.00	18.95	18.95	20.50
	12		6	18.94	18.96	19.05	20.50
	12		13	18.99	18.97	18.94	20.50
	25		0	19.01	19.00	19.02	20.50
	64QAM	1	0	18.96	19.08	19.02	20.50
		1	13	19.09	18.91	19.01	20.50
		1	24	19.03	19.01	18.96	20.50
		12	0	18.98	19.02	19.02	20.50
		12	6	18.95	18.88	18.97	20.50
		12	13	18.90	18.97	18.92	20.50

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20800	21100	21400	
10MHz	256QAM	25	0	18.98	18.91	18.93	20.50
		1	0	18.54	18.73	18.58	20.00
		1	13	18.34	18.61	18.60	20.00
		1	24	18.64	18.44	18.72	20.00
		12	0	18.58	18.80	18.55	20.00
		12	6	18.62	18.62	18.54	20.00
		12	13	18.49	18.54	18.61	20.00
		25	0	18.62	18.59	18.69	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20800	21100	21400	
10MHz	QPSK	1	0	19.03	18.97	18.98	20.50
		1	25	19.04	19.01	18.97	20.50
		1	49	18.99	19.01	18.95	20.50
		25	0	19.03	19.02	19.03	20.50
		25	13	18.97	19.02	18.89	20.50
		25	25	19.00	18.90	18.93	20.50
		50	0	19.00	18.90	18.99	20.50
	16QAM	1	0	18.96	18.93	19.00	20.50
		1	25	18.99	18.94	18.93	20.50
		1	49	19.01	19.05	18.99	20.50
		25	0	19.02	18.91	18.96	20.50
		25	13	18.97	19.02	19.05	20.50
		25	25	19.00	18.99	18.95	20.50
		50	0	18.91	19.06	18.99	20.50
	64QAM	1	0	19.00	19.01	19.04	20.50
		1	25	19.07	18.95	18.93	20.50
		1	49	19.06	19.05	19.01	20.50
		25	0	19.09	18.99	19.07	20.50
		25	13	18.98	18.91	19.04	20.50
		25	25	18.94	19.04	18.94	20.50
		50	0	18.95	18.95	18.90	20.50
	256QAM	1	0	18.55	18.66	18.56	20.00
		1	25	18.43	18.66	18.60	20.00
		1	49	18.61	18.45	18.68	20.00
		25	0	18.62	18.78	18.53	20.00
		25	13	18.56	18.66	18.56	20.00
		25	25	18.51	18.52	18.64	20.00
		50	0	18.68	18.54	18.73	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20825	21100	21375	
15MHz	QPSK	1	0	19.02	18.98	18.96	20.50
		1	38	19.02	18.95	18.94	20.50
		1	74	19.03	18.93	18.89	20.50
		36	0	19.00	18.98	19.05	20.50
		36	18	18.98	18.93	18.96	20.50
		36	39	19.06	18.96	19.02	20.50
		75	0	19.04	18.97	19.00	20.50
	16QAM	1	0	18.95	19.02	18.96	20.50
		1	38	19.04	18.99	18.91	20.50
		1	74	19.06	18.98	19.03	20.50
		36	0	19.08	18.89	19.00	20.50

	64QAM	36	18	19.01	18.92	19.07	20.50
		36	39	18.95	18.95	18.94	20.50
		75	0	18.91	18.96	18.96	20.50
		1	0	19.01	19.01	19.05	20.50
		1	38	19.04	18.96	18.93	20.50
		1	74	19.00	19.01	19.02	20.50
		36	0	18.99	18.99	19.06	20.50
		36	18	19.01	18.87	18.96	20.50
		36	39	18.98	19.07	18.98	20.50
	75	0	18.88	18.88	18.89	20.50	
	256QAM	1	0	18.52	18.68	18.56	20.00
		1	38	18.43	18.66	18.55	20.00
		1	74	18.62	18.47	18.66	20.00
		36	0	18.60	18.79	18.53	20.00
		36	18	18.56	18.63	18.57	20.00
		36	39	18.50	18.60	18.60	20.00
		75	0	18.66	18.60	18.63	20.00
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
20850					21100	21350	
20MHz	QPSK	1	0	19.05	19.13	18.94	20.50
		1	50	19.05	18.95	18.93	20.50
		1	99	19.01	18.97	18.93	20.50
		50	0	19.06	19.11	19.05	20.50
		50	25	19.05	19.01	18.87	20.50
		50	50	18.97	18.94	18.95	20.50
		100	0	19.05	19.07	19.04	20.50
	16QAM	1	0	18.90	18.93	18.94	20.50
		1	50	19.07	18.92	18.94	20.50
		1	99	18.99	19.07	18.98	20.50
		50	0	19.06	18.99	18.91	20.50
		50	25	18.99	19.00	19.03	20.50
		50	50	18.95	19.00	19.04	20.50
		100	0	18.99	18.98	19.00	20.50
	64QAM	1	0	18.98	18.99	19.03	20.50
		1	50	19.08	18.89	18.91	20.50
		1	99	18.98	19.01	18.98	20.50
		50	0	18.98	18.98	19.01	20.50
		50	25	18.95	18.91	19.03	20.50
		50	50	18.96	19.05	18.93	20.50
		100	0	18.96	18.93	18.96	20.50
	256QAM	1	0	18.45	18.70	18.60	20.00
		1	50	18.42	18.59	18.56	20.00
		1	99	18.66	18.39	18.73	20.00
		50	0	18.56	18.82	18.58	20.00
		50	25	18.54	18.68	18.58	20.00
		50	50	18.44	18.54	18.61	20.00
100		0	18.66	18.58	18.72	20.00	

LTE Band 66 Default				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131979	132322	132665	
1.4MHz	QPSK	1	0	23.80	23.81	23.93	25.00
		1	2	23.63	23.63	23.71	25.00
		1	5	23.63	23.98	23.76	25.00
		3	0	23.28	23.70	23.80	25.00
		3	1	23.43	23.37	23.37	25.00
		3	3	23.59	23.46	23.62	25.00
	16QAM	6	0	22.55	22.84	22.55	24.00
		1	0	22.61	22.70	22.48	24.00
		1	2	22.52	22.83	22.66	24.00
		1	5	22.41	22.84	22.77	24.00
		3	0	22.32	22.55	22.62	24.00
		3	1	22.37	22.54	22.66	24.00
	64QAM	3	3	22.45	22.50	22.50	24.00
		6	0	21.56	21.73	21.77	23.00
		1	0	21.38	21.93	21.72	23.00
		1	2	21.47	21.72	21.77	23.00
		1	5	21.59	21.94	21.59	23.00
		3	0	21.33	21.52	21.29	23.00
	256QAM	3	1	21.66	21.57	21.39	23.00
		3	3	21.47	21.94	21.64	23.00
		6	0	20.53	20.78	20.75	22.00
		1	0	18.69	18.83	18.79	20.00
		1	2	18.44	18.96	18.74	20.00
		1	5	18.57	18.77	18.59	20.00
3MHz	QPSK	3	0	18.64	18.62	18.83	20.00
		3	1	18.57	18.84	18.75	20.00
3		3	18.72	18.66	18.58	20.00	
6		0	18.63	18.91	18.77	20.00	
16QAM		1	0	23.72	24.00	23.80	25.00
		1	7	23.61	23.75	23.56	25.00
	1	14	23.66	23.93	23.76	25.00	
	8	0	22.71	22.94	22.81	24.00	
	8	4	22.51	22.69	22.51	24.00	
	8	7	22.73	22.79	22.77	24.00	
	15	0	22.52	22.77	22.64	24.00	
	64QAM	1	0	22.62	22.89	22.71	24.00
		1	7	22.40	22.67	22.84	24.00
		1	14	22.42	22.73	22.82	24.00
		8	0	21.64	21.87	21.58	23.00
		8	4	21.68	21.81	21.76	23.00
8		7	21.63	21.77	21.56	23.00	
16QAM	15	0	21.64	21.89	21.68	23.00	
	1	0	21.45	21.81	21.90	23.00	
64QAM	1	7	21.53	21.71	21.64	23.00	

		1	14	21.51	21.96	21.67	23.00
		8	0	20.39	20.87	20.57	22.00
		8	4	20.60	20.67	20.79	22.00
		8	7	20.52	20.93	20.71	22.00
		15	0	20.57	20.65	20.69	22.00
	256QAM	1	0	18.58	18.87	18.70	20.00
		1	7	18.62	18.74	18.86	20.00
		1	14	18.54	18.83	18.78	20.00
		8	0	18.68	18.65	18.77	20.00
		8	4	18.67	18.89	18.57	20.00
		8	7	18.75	18.66	18.53	20.00
		15	0	18.61	18.95	18.80	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131997	132322	132647	
5MHz	QPSK	1	0	23.72	23.97	23.71	25.00
		1	13	23.61	23.73	23.64	25.00
		1	24	23.70	23.81	23.65	25.00
		12	0	22.56	22.74	22.77	24.00
		12	6	22.59	22.75	22.54	24.00
		12	13	22.69	22.58	22.75	24.00
		25	0	22.54	22.72	22.53	24.00
	16QAM	1	0	22.40	22.93	22.54	24.00
		1	13	22.57	22.77	22.84	24.00
		1	24	22.60	22.84	22.79	24.00
		12	0	21.57	21.84	21.72	23.00
		12	6	21.70	21.85	21.81	23.00
		12	13	21.55	21.89	21.74	23.00
		25	0	21.60	21.90	21.88	23.00
	64QAM	1	0	21.58	21.74	21.82	23.00
		1	13	21.59	21.78	21.77	23.00
		1	24	21.50	21.87	21.55	23.00
		12	0	20.40	20.65	20.60	22.00
		12	6	20.53	20.83	20.65	22.00
		12	13	20.49	20.79	20.66	22.00
		25	0	20.56	20.74	20.67	22.00
	256QAM	1	0	18.57	18.93	18.62	20.00
		1	13	18.42	18.82	18.79	20.00
		1	24	18.48	18.64	18.62	20.00
		12	0	18.65	18.65	18.72	20.00
		12	6	18.53	18.93	18.58	20.00
		12	13	18.73	18.62	18.50	20.00
		25	0	18.54	18.75	18.78	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132022	132322	132622	
10MHz	QPSK	1	0	23.77	23.96	23.90	25.00
		1	25	23.40	23.68	23.57	25.00
		1	49	23.84	23.82	23.77	25.00
		25	0	22.49	22.76	22.78	24.00
		25	13	22.60	22.79	22.49	24.00
		25	25	22.56	22.80	22.68	24.00
		50	0	22.60	22.85	22.54	24.00

	16QAM	1	0	22.57	22.93	22.54	24.00		
		1	25	22.55	22.73	22.67	24.00		
		1	49	22.41	22.68	22.82	24.00		
		25	0	21.40	21.65	21.71	23.00		
		25	13	21.76	21.80	21.83	23.00		
		25	25	21.58	21.85	21.74	23.00		
	64QAM	50	0	21.66	21.88	21.69	23.00		
		1	0	21.56	21.94	21.83	23.00		
		1	25	21.43	21.67	21.76	23.00		
		1	49	21.47	21.84	21.54	23.00		
		25	0	20.62	20.74	20.54	22.00		
		25	13	20.63	20.85	20.69	22.00		
	256QAM	25	25	20.71	21.00	20.62	22.00		
		50	0	20.50	20.72	20.65	22.00		
		1	0	18.57	18.88	18.70	20.00		
		1	25	18.58	18.78	18.83	20.00		
		1	49	18.47	18.65	18.63	20.00		
		25	0	18.66	18.60	18.68	20.00		
			25	13	18.45	18.77	18.57	20.00	
			25	25	18.65	18.70	18.68	20.00	
			50	0	18.48	18.75	18.76	20.00	
Bandwidth			Modulation	RB size	RB offset	Channel 132047	Channel 132322	Channel 132597	Tune up
15MHz			QPSK	1	0	23.75	24.02	23.92	25.00
				1	38	23.51	23.56	23.58	25.00
	1	74		23.70	23.85	23.77	25.00		
	36	0		22.58	22.72	22.84	24.00		
	36	18		22.66	22.73	22.60	24.00		
	36	39		22.70	22.82	22.63	24.00		
	75	0		22.55	22.80	22.74	24.00		
	16QAM	1	0	22.47	22.91	22.62	24.00		
		1	38	22.41	22.75	22.77	24.00		
		1	74	22.50	22.71	22.75	24.00		
		36	0	21.50	21.69	21.76	23.00		
		36	18	21.62	21.86	21.81	23.00		
		36	39	21.60	21.79	21.54	23.00		
		75	0	21.78	21.85	21.81	23.00		
	64QAM	1	0	21.40	21.87	21.70	23.00		
		1	38	21.60	21.79	21.76	23.00		
		1	74	21.62	21.99	21.59	23.00		
		36	0	20.49	20.81	20.59	22.00		
		36	18	20.57	20.64	20.82	22.00		
		36	39	20.67	20.95	20.72	22.00		
		75	0	20.52	20.72	20.76	22.00		
	256QAM	1	0	18.57	18.93	18.81	20.00		
		1	38	18.45	18.81	18.80	20.00		
		1	74	18.63	18.67	18.76	20.00		
		36	0	18.55	18.65	18.68	20.00		
		36	18	18.62	18.79	18.69	20.00		
		36	39	18.68	18.66	18.51	20.00		
75		0	18.57	18.85	18.72	20.00			

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132072	132322	132572	
20MHz	QPSK	1	0	23.87	24.03	23.95	25.00
		1	50	23.63	23.79	23.76	25.00
		1	99	23.86	24.02	23.85	25.00
		50	0	22.71	22.95	22.85	24.00
		50	25	22.73	22.81	22.72	24.00
		50	50	22.79	22.82	22.87	24.00
		100	0	22.68	22.96	22.75	24.00
	16QAM	1	0	22.62	22.93	22.73	24.00
		1	50	22.64	22.85	22.87	24.00
		1	99	22.64	22.87	22.83	24.00
		50	0	21.65	21.88	21.78	23.00
		50	25	21.79	21.99	21.84	23.00
		50	50	21.65	21.91	21.75	23.00
		100	0	21.80	21.97	21.92	23.00
	64QAM	1	0	21.63	21.97	21.91	23.00
		1	50	21.64	21.85	21.89	23.00
		1	99	21.69	22.01	21.71	23.00
		50	0	20.64	20.87	20.75	22.00
		50	25	20.78	20.87	20.86	22.00
		50	50	20.73	21.01	20.82	22.00
		100	0	20.71	20.88	20.82	22.00
	256QAM	1	0	18.79	19.03	18.84	20.00
		1	50	18.65	18.97	18.95	20.00
		1	99	18.68	18.88	18.79	20.00
		50	0	18.77	18.80	18.91	20.00
		50	25	18.68	18.97	18.76	20.00
		50	50	18.86	18.79	18.75	20.00
		100	0	18.71	18.98	18.94	20.00

LTE Band 66 DS11&5				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131979	132322	132665	
1.4MHz	QPSK	1	0	20.01	20.11	20.04	21.50
		1	2	20.00	20.07	20.02	21.50
		1	5	19.93	20.09	19.96	21.50
		3	0	20.05	19.99	19.98	21.50
		3	1	19.98	20.10	19.91	21.50
		3	3	20.06	20.03	19.93	21.50
		6	0	20.11	20.01	20.05	21.50
	16QAM	1	0	20.10	20.07	20.00	21.50
		1	2	20.07	19.99	20.06	21.50
		1	5	20.11	20.07	19.96	21.50
		3	0	19.98	20.05	19.95	21.50
		3	1	20.03	20.15	19.95	21.50
		3	3	19.99	20.00	20.06	21.50
		6	0	20.12	20.02	20.06	21.50

	64QAM	1	0	20.03	20.09	20.08	21.50	
		1	2	19.99	20.06	19.99	21.50	
		1	5	20.00	20.08	20.00	21.50	
		3	0	20.02	20.06	20.00	21.50	
		3	1	19.99	20.14	20.00	21.50	
		3	3	19.97	20.02	20.04	21.50	
	256QAM	1	0	18.40	18.41	18.38	20.00	
		1	2	18.42	18.46	18.39	20.00	
		1	5	18.40	18.38	18.35	20.00	
		3	0	18.34	18.39	18.43	20.00	
		3	1	18.45	18.38	18.34	20.00	
		3	3	18.35	18.38	18.42	20.00	
	6	0	18.43	18.38	18.36	20.00		
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131987	132322	132657		
3MHz	QPSK	1	0	20.05	20.06	20.10	21.50	
		1	7	19.97	20.11	20.00	21.50	
		1	14	19.99	20.09	19.97	21.50	
		8	0	20.07	20.04	19.96	21.50	
		8	4	20.05	20.08	19.98	21.50	
		8	7	20.12	20.05	19.96	21.50	
	16QAM	15	0	20.12	20.08	19.98	21.50	
		1	0	20.05	20.01	20.07	21.50	
		1	7	20.12	20.04	20.04	21.50	
		1	14	20.09	20.03	20.02	21.50	
		8	0	20.07	20.07	19.92	21.50	
		8	4	20.01	20.07	19.99	21.50	
	64QAM	8	7	20.10	19.97	19.98	21.50	
		15	0	20.09	20.02	20.10	21.50	
		1	0	19.96	20.13	19.98	21.50	
		1	7	19.99	20.05	20.03	21.50	
		1	14	19.96	20.05	20.01	21.50	
		8	0	20.01	20.08	19.98	21.50	
	256QAM	8	4	19.99	20.12	20.04	21.50	
		8	7	19.98	20.09	20.02	21.50	
		15	0	20.12	20.05	19.90	21.50	
		1	0	18.42	18.46	18.41	20.00	
		1	7	18.41	18.54	18.37	20.00	
		1	14	18.48	18.34	18.34	20.00	
	8	0	18.30	18.41	18.47	20.00		
	8	4	18.51	18.39	18.40	20.00		
	8	7	18.34	18.48	18.44	20.00		
	15	0	18.47	18.48	18.36	20.00		
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					131997	132322	132647	
5MHz	QPSK	1	0	20.01	20.05	20.08	21.50	
		1	13	20.00	20.05	20.01	21.50	
		1	24	19.92	20.12	19.98	21.50	
		12	0	19.99	20.04	20.01	21.50	
		12	6	20.07	20.10	19.94	21.50	

		12	13	20.03	20.04	19.93	21.50	
		25	0	20.02	20.09	20.04	21.50	
	16QAM	1	0	20.05	20.01	20.00	21.50	
		1	13	20.08	20.03	20.02	21.50	
		1	24	20.10	20.01	20.00	21.50	
		12	0	20.03	20.00	20.02	21.50	
		12	6	20.06	20.12	19.93	21.50	
		12	13	20.08	20.04	20.04	21.50	
		25	0	20.08	20.08	20.04	21.50	
	64QAM	1	0	20.03	20.12	20.01	21.50	
		1	13	19.99	20.04	20.06	21.50	
		1	24	20.03	20.11	20.08	21.50	
		12	0	20.04	20.00	20.02	21.50	
		12	6	20.02	20.11	19.95	21.50	
		12	13	20.02	20.06	19.98	21.50	
		25	0	20.06	20.08	19.95	21.50	
	256QAM	1	0	18.41	18.43	18.34	20.00	
		1	13	18.49	18.54	18.35	20.00	
		1	24	18.46	18.34	18.31	20.00	
		12	0	18.29	18.43	18.51	20.00	
		12	6	18.48	18.34	18.29	20.00	
		12	13	18.40	18.45	18.42	20.00	
		25	0	18.52	18.40	18.39	20.00	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					132022	132322	132622	
10MHz	QPSK	1	0	20.07	20.03	20.07	21.50	
		1	25	19.96	20.05	19.97	21.50	
		1	49	20.01	20.15	19.92	21.50	
		25	0	20.05	20.04	20.00	21.50	
		25	13	20.00	20.13	19.97	21.50	
		25	25	20.09	19.99	19.95	21.50	
		50	0	20.11	20.04	20.03	21.50	
	16QAM	1	0	20.07	20.12	20.03	21.50	
		1	25	20.05	20.03	19.98	21.50	
		1	49	20.06	20.08	19.96	21.50	
		25	0	20.06	19.98	20.03	21.50	
		25	13	20.03	20.10	19.96	21.50	
		25	25	20.08	19.95	20.04	21.50	
		50	0	20.13	20.04	20.08	21.50	
	64QAM	1	0	19.94	20.09	20.00	21.50	
		1	25	20.00	20.08	20.05	21.50	
		1	49	19.94	20.10	20.04	21.50	
		25	0	20.00	20.03	20.06	21.50	
		25	13	20.00	20.09	20.00	21.50	
		25	25	19.96	20.07	20.05	21.50	
		50	0	20.06	20.01	19.97	21.50	
	256QAM	1	0	18.48	18.49	18.44	20.00	
		1	25	18.42	18.49	18.48	20.00	
		1	49	18.46	18.44	18.39	20.00	
		25	0	18.37	18.39	18.51	20.00	
25		13	18.43	18.46	18.41	20.00		

Bandwidth	Modulation	25	25	18.33	18.36	18.46	20.00
		50	0	18.51	18.44	18.41	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132047	132322	132597	
15MHz	QPSK	1	0	20.04	20.08	20.04	21.50
		1	38	19.98	20.02	19.99	21.50
		1	74	19.97	20.08	19.92	21.50
		36	0	19.98	20.03	20.02	21.50
		36	18	20.05	20.12	19.98	21.50
		36	39	20.11	20.02	19.98	21.50
		75	0	20.12	20.02	20.05	21.50
	16QAM	1	0	20.10	20.09	20.06	21.50
		1	38	20.06	20.05	20.00	21.50
		1	74	20.04	20.01	20.04	21.50
		36	0	20.03	20.01	19.97	21.50
		36	18	20.04	20.09	19.99	21.50
		36	39	20.10	19.98	20.03	21.50
		75	0	20.05	20.07	20.09	21.50
	64QAM	1	0	19.98	20.08	20.00	21.50
		1	38	20.01	20.06	20.05	21.50
		1	74	19.98	20.07	20.01	21.50
		36	0	20.02	20.05	20.04	21.50
		36	18	19.91	20.11	20.01	21.50
		36	39	19.94	20.10	20.02	21.50
		75	0	20.11	20.07	19.91	21.50
	256QAM	1	0	18.36	18.40	18.38	20.00
		1	38	18.46	18.45	18.47	20.00
		1	74	18.43	18.36	18.36	20.00
		36	0	18.29	18.44	18.46	20.00
		36	18	18.51	18.45	18.34	20.00
		36	39	18.33	18.36	18.45	20.00
		75	0	18.51	18.45	18.37	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
Bandwidth	Modulation	RB size	RB offset	132072	132322	132572	
20MHz	QPSK	1	0	20.06	20.18	19.99	21.50
		1	50	19.99	20.08	20.05	21.50
		1	99	19.95	20.14	19.97	21.50
		50	0	19.99	20.17	19.97	21.50
		50	25	20.04	20.16	19.96	21.50
		50	50	20.12	20.01	19.94	21.50
		100	0	20.07	20.10	20.02	21.50
	16QAM	1	0	20.05	20.10	20.07	21.50
		1	50	20.04	20.08	19.97	21.50
		1	99	20.03	20.06	19.98	21.50
		50	0	20.01	20.03	19.98	21.50
		50	25	19.96	20.15	19.97	21.50
		50	50	20.03	20.05	19.97	21.50
		100	0	20.07	19.99	20.02	21.50
	64QAM	1	0	20.01	20.07	20.06	21.50
		1	50	19.93	20.06	20.03	21.50
		1	99	19.93	20.06	20.08	21.50
		1	99	19.93	20.06	20.08	21.50

		50	0	20.02	19.97	20.06	21.50
		50	25	19.99	20.09	20.04	21.50
		50	50	20.01	20.10	20.06	21.50
		100	0	20.09	20.01	19.97	21.50
	256QAM	1	0	18.36	18.39	18.39	20.00
		1	50	18.40	18.50	18.37	20.00
		1	99	18.43	18.37	18.39	20.00
		50	0	18.33	18.43	18.39	20.00
		50	25	18.46	18.34	18.29	20.00
		50	50	18.34	18.33	18.51	20.00
		100	0	18.50	18.33	18.38	20.00

LTE Band 66 DSI4				Conducted Power(dBm)				
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				131979	132322	132665		
1.4MHz	QPSK	1	0	21.14	21.16	21.12	22.50	
		1	2	21.07	21.19	21.12	22.50	
		1	5	21.14	21.10	21.10	22.50	
		3	0	21.19	21.11	21.14	22.50	
		3	1	21.11	21.06	21.06	22.50	
		3	3	21.11	21.15	21.18	22.50	
	16QAM	6	0	21.10	21.10	21.16	22.50	
		1	0	21.15	21.09	21.03	22.50	
		1	2	21.16	21.17	21.06	22.50	
		1	5	21.18	21.07	21.16	22.50	
		3	0	21.06	21.16	21.17	22.50	
		3	1	21.09	21.19	21.04	22.50	
	64QAM	3	3	21.14	21.20	21.13	22.50	
		6	0	21.04	21.09	21.13	22.50	
		1	0	21.11	21.15	21.06	22.50	
		1	2	21.20	21.14	21.15	22.50	
		1	5	21.13	21.14	21.16	22.50	
		3	0	21.55	21.61	21.68	22.50	
	256QAM	3	1	21.57	21.65	21.55	22.50	
		3	3	21.71	21.68	21.63	22.50	
		6	0	21.30	21.17	21.20	22.00	
		1	0	18.32	18.59	18.34	20.00	
		1	2	18.33	18.34	18.50	20.00	
		1	5	18.42	18.21	18.58	20.00	
			3	0	18.45	18.53	18.26	20.00
			3	1	18.44	18.40	18.35	20.00
			3	3	18.31	18.35	18.49	20.00
			6	0	18.35	18.36	18.52	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
3MHz	QPSK			131987	132322	132657		
		1	0	21.14	21.15	21.16	22.50	
		1	7	21.14	21.18	21.13	22.50	
		1	14	21.04	21.17	21.14	22.50	
		8	0	21.13	21.17	21.07	22.50	

	16QAM	8	4	21.03	21.13	21.12	22.50	
		8	7	21.15	21.20	21.11	22.50	
		15	0	21.15	21.18	21.12	22.50	
		1	0	21.12	21.19	21.02	22.50	
		1	7	21.15	21.20	21.10	22.50	
		1	14	21.16	21.07	21.15	22.50	
		8	0	21.11	21.23	21.17	22.50	
		8	4	21.09	21.16	21.00	22.50	
		8	7	21.22	21.19	21.08	22.50	
	15	0	21.13	21.18	21.09	22.50		
	64QAM	1	0	21.17	21.20	21.08	22.50	
		1	7	21.15	21.20	21.12	22.50	
		1	14	21.08	21.15	21.11	22.50	
		8	0	21.12	21.11	21.22	22.00	
		8	4	21.19	21.07	21.25	22.00	
		8	7	21.30	21.31	21.17	22.00	
	256QAM	15	0	21.29	21.07	21.22	22.00	
		1	0	18.28	18.64	18.37	20.00	
		1	7	18.39	18.40	18.42	20.00	
		1	14	18.43	18.16	18.56	20.00	
		8	0	18.37	18.56	18.30	20.00	
		8	4	18.40	18.43	18.27	20.00	
		8	7	18.32	18.42	18.54	20.00	
	15	0	18.41	18.37	18.51	20.00		
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					131997	132322	132647	
	5MHz	QPSK	1	0	21.12	21.07	21.11	22.50
			1	13	21.11	21.17	21.17	22.50
1			24	21.05	21.15	21.09	22.50	
12			0	21.10	21.18	21.09	22.50	
12			6	21.07	21.07	21.12	22.50	
12			13	21.11	21.14	21.15	22.50	
25			0	21.10	21.11	21.12	22.50	
16QAM		1	0	21.08	21.13	21.03	22.50	
		1	13	21.16	21.19	21.05	22.50	
		1	24	21.16	21.16	21.10	22.50	
		12	0	21.07	21.13	21.15	22.50	
		12	6	21.08	21.22	21.06	22.50	
		12	13	21.20	21.16	21.09	22.50	
64QAM		25	0	21.11	21.16	21.12	22.50	
		1	0	21.10	21.12	21.15	22.50	
		1	13	21.16	21.17	21.11	22.50	
		1	24	21.09	21.08	21.10	22.50	
		12	0	21.14	21.16	21.27	22.00	
		12	6	21.20	21.08	21.21	22.00	
		12	13	21.24	21.26	21.19	22.00	
256QAM		25	0	21.25	21.10	21.24	22.00	
		1	0	18.31	18.62	18.37	20.00	
		1	13	18.37	18.35	18.51	20.00	
		1	24	18.44	18.18	18.56	20.00	
		12	0	18.41	18.55	18.34	20.00	

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
		12	6	18.47	18.44	18.36	
10MHz	QPSK	12	13	18.32	18.37	18.54	20.00
		25	0	18.41	18.34	18.58	20.00
		1	0	21.10	21.16	21.16	22.50
		1	25	21.15	21.21	21.11	22.50
		1	49	21.03	21.08	21.11	22.50
		25	0	21.16	21.18	21.07	22.50
		25	13	21.07	21.09	21.11	22.50
	16QAM	25	25	21.13	21.20	21.18	22.50
		50	0	21.14	21.18	21.10	22.50
		1	0	21.12	21.17	21.08	22.50
		1	25	21.16	21.15	21.09	22.50
		1	49	21.09	21.10	21.09	22.50
		25	0	21.10	21.22	21.12	22.50
		25	13	21.07	21.20	21.02	22.50
	64QAM	25	25	21.19	21.15	21.11	22.50
		50	0	21.09	21.13	21.14	22.50
		1	0	21.14	21.19	21.07	22.50
		1	25	21.11	21.20	21.18	22.50
		1	49	21.09	21.15	21.09	22.50
		25	0	21.21	21.17	21.19	22.00
		25	13	21.23	21.06	21.26	22.00
	256QAM	25	25	21.31	21.29	21.09	22.00
		50	0	21.20	21.08	21.18	22.00
		1	0	18.32	18.57	18.36	20.00
		1	25	18.38	18.35	18.48	20.00
		1	49	18.43	18.19	18.62	20.00
		25	0	18.44	18.47	18.32	20.00
		25	13	18.43	18.42	18.29	20.00
25	25	18.29	18.38	18.45	20.00		
50	0	18.38	18.35	18.52	20.00		
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
		132047	132322	132597			
15MHz	QPSK	1	0	21.13	21.17	21.19	22.50
		1	38	21.12	21.23	21.17	22.50
		1	74	21.06	21.15	21.08	22.50
		36	0	21.11	21.13	21.08	22.50
		36	18	21.10	21.07	21.10	22.50
		36	39	21.09	21.23	21.18	22.50
		75	0	21.11	21.16	21.19	22.50
	16QAM	1	0	21.12	21.19	21.09	22.50
		1	38	21.21	21.19	21.06	22.50
		1	74	21.18	21.18	21.15	22.50
		36	0	21.08	21.17	21.11	22.50
		36	18	21.06	21.23	21.10	22.50
		36	39	21.19	21.17	21.05	22.50
		75	0	21.06	21.12	21.10	22.50
	64QAM	1	0	21.14	21.14	21.10	22.50
		1	38	21.22	21.17	21.11	22.50

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				132072	132322	132572		
20MHz	256QAM	1	74	21.09	21.07	21.15	22.50	
		36	0	21.13	21.10	21.22	22.00	
		36	18	21.18	21.06	21.20	22.00	
		36	39	21.23	21.24	21.19	22.00	
		75	0	21.25	21.14	21.17	22.00	
		1	0	18.35	18.66	18.33	20.00	
		1	38	18.38	18.37	18.45	20.00	
		1	74	18.39	18.18	18.55	20.00	
		36	0	18.38	18.54	18.30	20.00	
		36	18	18.38	18.49	18.29	20.00	
	36	39	18.35	18.43	18.47	20.00		
	75	0	18.40	18.33	18.55	20.00		
	20MHz	QPSK	1	0	21.11	21.27	21.18	22.50
			1	50	21.17	21.18	21.11	22.50
			1	99	21.12	21.15	21.08	22.50
			50	0	21.18	21.21	21.06	22.50
			50	25	21.04	21.10	21.10	22.50
			50	50	21.12	21.14	21.10	22.50
			100	0	21.15	21.19	21.14	22.50
		16QAM	1	0	21.09	21.10	21.09	22.50
			1	50	21.14	21.21	21.08	22.50
			1	99	21.11	21.14	21.10	22.50
			50	0	21.06	21.19	21.17	22.50
			50	25	21.09	21.21	21.09	22.50
			50	50	21.14	21.18	21.06	22.50
			100	0	21.12	21.14	21.16	22.50
		64QAM	1	0	21.09	21.10	21.06	22.50
			1	50	21.20	21.13	21.16	22.50
1			99	21.07	21.14	21.19	22.50	
50			0	21.11	21.12	21.18	22.00	
50			25	21.16	21.03	21.16	22.00	
50			50	21.32	21.25	21.19	22.00	
100			0	21.29	21.08	21.25	22.00	
256QAM		1	0	18.31	18.63	18.31	20.00	
		1	50	18.31	18.38	18.52	20.00	
		1	99	18.41	18.20	18.55	20.00	
		50	0	18.40	18.50	18.27	20.00	
		50	25	18.44	18.45	18.34	20.00	
		50	50	18.36	18.41	18.48	20.00	
		100	0	18.40	18.30	18.51	20.00	

LTE Band 66 Default-DL CA				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131979	132322	132665	
1.4MHz	QPSK	1	0	21.46	21.53	21.48	22.70
		1	2	21.43	21.50	21.53	22.70
		1	5	21.20	21.42	21.28	22.70
		3	0	21.21	21.47	21.35	22.70
		3	1	21.09	21.21	21.28	22.70
		3	3	21.11	21.44	21.57	22.70
		6	0	20.38	20.43	20.28	21.70
	16QAM	1	0	20.44	20.44	20.24	21.70
		1	2	20.53	20.41	20.48	21.70
		1	5	20.48	20.60	20.39	21.70
		3	0	20.36	20.39	20.47	21.70
		3	1	20.27	20.60	20.58	21.70
		3	3	20.26	20.18	20.39	21.70
		6	0	19.33	19.42	19.50	20.70
	64QAM	1	0	19.44	19.42	19.47	20.70
		1	2	19.38	19.44	19.57	20.70
		1	5	19.36	19.45	19.34	20.70
		3	0	19.22	19.40	19.28	20.70
		3	1	19.29	19.26	19.40	20.70
		3	3	19.38	19.35	19.19	20.70
		6	0	18.20	18.30	18.35	19.70
	256QAM	1	0	16.15	16.37	16.42	17.70
		1	2	16.42	16.28	16.48	17.70
		1	5	16.28	16.35	16.35	17.70
		3	0	16.50	16.58	16.50	17.70
		3	1	16.30	16.46	16.36	17.70
		3	3	16.40	16.41	16.44	17.70
		6	0	16.35	16.45	16.63	17.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
3MHz	QPSK	1	0	21.54	21.62	21.44	22.70
		1	7	21.39	21.39	21.37	22.70
		1	14	21.18	21.42	21.44	22.70
		8	0	20.46	20.42	20.46	21.70
		8	4	20.38	20.40	20.50	21.70
		8	7	20.25	20.47	20.42	21.70
		15	0	20.51	20.37	20.24	21.70
	16QAM	1	0	20.49	20.33	20.37	21.70
		1	7	20.58	20.58	20.37	21.70
		1	14	20.47	20.63	20.32	21.70
		8	0	19.45	19.35	19.51	20.70
		8	4	19.34	19.40	19.59	20.70
		8	7	19.46	19.40	19.46	20.70
		15	0	19.33	19.59	19.32	20.70
	64QAM	1	0	19.47	19.27	19.43	20.70
		1	7	19.34	19.52	19.45	20.70
		1	14	19.22	19.42	19.33	20.70

	256QAM	8	0	18.38	18.41	18.27	19.70
		8	4	18.43	18.45	18.41	19.70
		8	7	18.31	18.56	18.37	19.70
		15	0	18.34	18.27	18.28	19.70
		1	0	16.25	16.54	16.49	17.70
		1	7	16.27	16.30	16.26	17.70
		1	14	16.46	16.34	16.30	17.70
		8	0	16.32	16.57	16.40	17.70
		8	4	16.37	16.36	16.50	17.70
		8	7	16.48	16.44	16.40	17.70
15	0	16.40	16.50	16.47	17.70		
Bandwidth	Modulation	RB size	RB offset	Channel 131997	Channel 132322	Channel 132647	Tune up
5MHz	QPSK	1	0	21.60	21.52	21.64	22.70
		1	13	21.40	21.40	21.53	22.70
		1	24	21.31	21.39	21.34	22.70
		12	0	20.46	20.53	20.43	21.70
		12	6	20.23	20.27	20.48	21.70
		12	13	20.31	20.51	20.45	21.70
		25	0	20.29	20.37	20.42	21.70
	16QAM	1	0	20.34	20.49	20.21	21.70
		1	13	20.46	20.51	20.42	21.70
		1	24	20.47	20.58	20.37	21.70
		12	0	19.43	19.44	19.53	20.70
		12	6	19.12	19.50	19.46	20.70
		12	13	19.36	19.45	19.43	20.70
		25	0	19.39	19.55	19.42	20.70
	64QAM	1	0	19.39	19.44	19.33	20.70
		1	13	19.33	19.41	19.48	20.70
		1	24	19.26	19.37	19.41	20.70
		12	0	18.21	18.35	18.34	19.70
		12	6	18.31	18.44	18.39	19.70
		12	13	18.35	18.54	18.45	19.70
		25	0	18.36	18.24	18.52	19.70
	256QAM	1	0	16.23	16.52	16.45	17.70
		1	13	16.34	16.45	16.32	17.70
		1	24	16.26	16.36	16.40	17.70
		12	0	16.35	16.40	16.52	17.70
		12	6	16.39	16.36	16.38	17.70
		12	13	16.46	16.25	16.58	17.70
		25	0	16.29	16.46	16.43	17.70
Bandwidth	Modulation	RB size	RB offset	Channel 132022	Channel 132322	Channel 132622	Tune up
10MHz	QPSK	1	0	21.54	21.43	21.61	22.70
		1	25	21.35	21.34	21.41	22.70
		1	49	21.34	21.44	21.21	22.70
		25	0	20.43	20.59	20.52	21.70
		25	13	20.15	20.31	20.48	21.70
		25	25	20.18	20.44	20.51	21.70
		50	0	20.32	20.44	20.42	21.70
	16QAM	1	0	20.46	20.32	20.18	21.70

		1	25	20.56	20.58	20.46	21.70		
		1	49	20.57	20.53	20.26	21.70		
		25	0	19.43	19.46	19.47	20.70		
		25	13	19.31	19.60	19.40	20.70		
		25	25	19.33	19.45	19.51	20.70		
		50	0	19.34	19.47	19.43	20.70		
	64QAM	1	0	19.40	19.42	19.39	20.70		
		1	25	19.44	19.40	19.38	20.70		
		1	49	19.19	19.46	19.34	20.70		
		25	0	18.20	18.28	18.38	19.70		
		25	13	18.23	18.40	18.48	19.70		
		25	25	18.25	18.52	18.37	19.70		
	256QAM	50	0	18.37	18.29	18.47	19.70		
		1	0	16.16	16.36	16.58	17.70		
		1	25	16.29	16.44	16.25	17.70		
		1	49	16.45	16.42	16.49	17.70		
		25	0	16.28	16.49	16.51	17.70		
		25	13	16.42	16.46	16.35	17.70		
			25	25	16.52	16.25	16.46	17.70	
			50	0	16.41	16.45	16.44	17.70	
			Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
						132047	132322	132597	
15MHz	QPSK	1	0	21.38	21.59	21.42	22.70		
		1	38	21.48	21.55	21.40	22.70		
		1	74	21.33	21.28	21.23	22.70		
		36	0	20.30	20.56	20.61	21.70		
		36	18	20.39	20.31	20.26	21.70		
		36	39	20.30	20.39	20.40	21.70		
		75	0	20.37	20.57	20.34	21.70		
	16QAM	1	0	20.55	20.28	20.33	21.70		
		1	38	20.45	20.43	20.34	21.70		
		1	74	20.42	20.60	20.27	21.70		
		36	0	19.55	19.58	19.44	20.70		
		36	18	19.19	19.61	19.58	20.70		
		36	39	19.37	19.53	19.52	20.70		
		75	0	19.51	19.60	19.53	20.70		
	64QAM	1	0	19.52	19.40	19.45	20.70		
		1	38	19.43	19.58	19.53	20.70		
		1	74	19.31	19.31	19.43	20.70		
		36	0	18.26	18.27	18.33	19.70		
		36	18	18.39	18.30	18.59	19.70		
		36	39	18.50	18.48	18.54	19.70		
		75	0	18.18	18.46	18.41	19.70		
	256QAM	1	0	16.29	16.34	16.54	17.70		
		1	38	16.28	16.25	16.33	17.70		
		1	74	16.36	16.37	16.31	17.70		
		36	0	16.38	16.42	16.33	17.70		
		36	18	16.25	16.48	16.56	17.70		
		36	39	16.47	16.40	16.37	17.70		
		75	0	16.48	16.47	16.44	17.70		
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	

				132072	132322	132572	
20MHz	QPSK	1	0	21.61	21.68	21.65	22.70
		1	50	21.54	21.58	21.57	22.70
		1	99	21.39	21.44	21.44	22.70
		50	0	20.48	20.59	20.64	21.70
		50	25	20.40	20.51	20.50	21.70
		50	50	20.43	20.53	20.60	21.70
		100	0	20.54	20.57	20.44	21.70
	16QAM	1	0	20.56	20.50	20.40	21.70
		1	50	20.60	20.60	20.53	21.70
		1	99	20.59	20.68	20.41	21.70
		50	0	19.56	19.60	19.63	20.70
		50	25	19.36	19.62	19.64	20.70
		50	50	19.48	19.55	19.53	20.70
		100	0	19.53	19.62	19.54	20.70
	64QAM	1	0	19.60	19.48	19.54	20.70
		1	50	19.54	19.58	19.59	20.70
		1	99	19.37	19.52	19.44	20.70
		50	0	18.39	18.48	18.46	19.70
		50	25	18.45	18.47	18.59	19.70
		50	50	18.50	18.59	18.58	19.70
		100	0	18.40	18.47	18.52	19.70
	256QAM	1	0	16.38	16.55	16.59	17.70
		1	50	16.51	16.46	16.48	17.70
		1	99	16.49	16.58	16.50	17.70
		50	0	16.52	16.59	16.52	17.70
		50	25	16.48	16.54	16.58	17.70
		50	50	16.56	16.47	16.58	17.70
		100	0	16.51	16.66	16.65	17.70

LTE Band 66 DSI1&5-DL CA				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131979	132322	132665	
1.4MHz	QPSK	1	0	17.52	17.70	17.61	19.20
		1	2	17.56	17.53	17.52	19.20
		1	5	17.47	17.66	17.53	19.20
		3	0	17.56	17.58	17.53	19.20
		3	1	17.54	17.66	17.47	19.20
		3	3	17.64	17.53	17.41	19.20
		6	0	17.67	17.55	17.62	19.20
	16QAM	1	0	17.58	17.55	17.50	19.20
		1	2	17.55	17.47	17.63	19.20
		1	5	17.68	17.61	17.44	19.20
		3	0	17.46	17.57	17.44	19.20
		3	1	17.55	17.73	17.46	19.20
		3	3	17.59	17.57	17.60	19.20
		6	0	17.71	17.55	17.64	19.20
	64QAM	1	0	17.50	17.56	17.57	19.20

		1	2	17.56	17.61	17.50	19.20
		1	5	17.60	17.67	17.57	19.20
		3	0	17.61	17.55	17.49	19.20
		3	1	17.51	17.66	17.59	19.20
		3	3	17.52	17.52	17.59	19.20
		6	0	17.58	17.46	17.49	19.20
	256QAM	1	0	17.44	17.37	17.40	19.20
		1	2	17.43	17.49	17.40	19.20
		1	5	17.39	17.40	17.44	19.20
		3	0	17.31	17.44	17.52	19.20
		3	1	17.48	17.46	17.43	19.20
		3	3	17.30	17.33	17.39	19.20
6	0	17.40	17.43	17.34	19.20		
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131987	132322	132657	
3MHz	QPSK	1	0	17.51	17.69	17.60	19.20
		1	7	17.52	17.52	17.60	19.20
		1	14	17.38	17.67	17.54	19.20
		8	0	17.59	17.55	17.54	19.20
		8	4	17.43	17.62	17.44	19.20
		8	7	17.55	17.50	17.49	19.20
		15	0	17.58	17.51	17.64	19.20
	16QAM	1	0	17.59	17.54	17.52	19.20
		1	7	17.57	17.50	17.54	19.20
		1	14	17.67	17.65	17.48	19.20
		8	0	17.54	17.50	17.43	19.20
		8	4	17.61	17.60	17.40	19.20
		8	7	17.52	17.54	17.54	19.20
		15	0	17.67	17.58	17.65	19.20
	64QAM	1	0	17.53	17.62	17.64	19.20
		1	7	17.52	17.66	17.47	19.20
		1	14	17.50	17.66	17.50	19.20
		8	0	17.48	17.65	17.59	19.20
		8	4	17.51	17.66	17.55	19.20
		8	7	17.44	17.51	17.62	19.20
		15	0	17.53	17.51	17.49	19.20
	256QAM	1	0	17.39	17.39	17.36	19.20
		1	7	17.46	17.41	17.40	19.20
		1	14	17.39	17.35	17.33	19.20
		8	0	17.29	17.41	17.42	19.20
		8	4	17.49	17.37	17.36	19.20
		8	7	17.37	17.41	17.40	19.20
		15	0	17.51	17.38	17.38	19.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131997	132322	132647	
5MHz	QPSK	1	0	17.47	17.58	17.61	19.20
		1	13	17.48	17.66	17.54	19.20
		1	24	17.40	17.68	17.51	19.20
		12	0	17.58	17.54	17.51	19.20
		12	6	17.48	17.68	17.46	19.20
		12	13	17.56	17.49	17.49	19.20

	16QAM	25	0	17.58	17.47	17.59	19.20
		1	0	17.62	17.56	17.55	19.20
		1	13	17.64	17.44	17.60	19.20
		1	24	17.59	17.66	17.47	19.20
		12	0	17.50	17.52	17.50	19.20
		12	6	17.51	17.64	17.46	19.20
		12	13	17.57	17.52	17.64	19.20
	64QAM	25	0	17.64	17.56	17.51	19.20
		1	0	17.55	17.65	17.63	19.20
		1	13	17.49	17.61	17.45	19.20
		1	24	17.53	17.62	17.57	19.20
		12	0	17.61	17.62	17.59	19.20
		12	6	17.46	17.72	17.47	19.20
		12	13	17.43	17.55	17.58	19.20
	256QAM	25	0	17.53	17.47	17.39	19.20
		1	0	17.38	17.48	17.39	19.20
		1	13	17.39	17.44	17.48	19.20
		1	24	17.39	17.43	17.44	19.20
		12	0	17.33	17.42	17.46	19.20
		12	6	17.49	17.40	17.41	19.20
		12	13	17.40	17.42	17.37	19.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132022	132322	132622	
10MHz	QPSK	1	0	17.60	17.62	17.61	19.20
		1	25	17.55	17.63	17.57	19.20
		1	49	17.52	17.68	17.50	19.20
		25	0	17.53	17.48	17.55	19.20
		25	13	17.58	17.62	17.44	19.20
		25	25	17.65	17.56	17.50	19.20
		50	0	17.59	17.48	17.62	19.20
	16QAM	1	0	17.68	17.53	17.50	19.20
		1	25	17.57	17.47	17.63	19.20
		1	49	17.60	17.56	17.48	19.20
		25	0	17.55	17.53	17.55	19.20
		25	13	17.52	17.73	17.50	19.20
		25	25	17.57	17.48	17.54	19.20
		50	0	17.63	17.50	17.54	19.20
	64QAM	1	0	17.60	17.63	17.56	19.20
		1	25	17.49	17.64	17.55	19.20
		1	49	17.56	17.60	17.49	19.20
		25	0	17.54	17.61	17.52	19.20
		25	13	17.51	17.59	17.58	19.20
		25	25	17.55	17.56	17.57	19.20
		50	0	17.53	17.45	17.42	19.20
256QAM	1	0	17.47	17.39	17.45	19.20	
	1	25	17.41	17.50	17.46	19.20	
	1	49	17.42	17.33	17.39	19.20	
	25	0	17.44	17.40	17.43	19.20	
	25	13	17.43	17.45	17.42	19.20	
	25	25	17.39	17.40	17.38	19.20	

Bandwidth	Modulation	50	0	17.41	17.39	17.32	19.20
		RB size	RB offset	Channel 132047	Channel 132322	Channel 132597	Tune up
15MHz	QPSK	1	0	17.59	17.64	17.56	19.20
		1	38	17.48	17.65	17.54	19.20
		1	74	17.53	17.57	17.49	19.20
		36	0	17.56	17.44	17.49	19.20
		36	18	17.50	17.58	17.44	19.20
		36	39	17.57	17.59	17.41	19.20
		75	0	17.60	17.55	17.58	19.20
	16QAM	1	0	17.59	17.58	17.46	19.20
		1	38	17.52	17.57	17.58	19.20
		1	74	17.56	17.57	17.51	19.20
		36	0	17.52	17.65	17.54	19.20
		36	18	17.53	17.67	17.45	19.20
		36	39	17.54	17.50	17.55	19.20
		75	0	17.65	17.52	17.57	19.20
	64QAM	1	0	17.49	17.54	17.63	19.20
		1	38	17.46	17.64	17.59	19.20
		1	74	17.56	17.62	17.47	19.20
		36	0	17.60	17.59	17.49	19.20
		36	18	17.54	17.59	17.58	19.20
		36	39	17.49	17.56	17.51	19.20
		75	0	17.59	17.50	17.39	19.20
	256QAM	1	0	17.49	17.41	17.43	19.20
		1	38	17.50	17.44	17.46	19.20
		1	74	17.43	17.38	17.41	19.20
		36	0	17.31	17.48	17.46	19.20
		36	18	17.42	17.35	17.43	19.20
		36	39	17.39	17.46	17.42	19.20
		75	0	17.50	17.41	17.33	19.20
Bandwidth	Modulation	RB size	RB offset	Channel 132072	Channel 132322	Channel 132572	Tune up
20MHz	QPSK	1	0	17.48	17.80	17.62	19.20
		1	50	17.48	17.65	17.61	19.20
		1	99	17.51	17.61	17.44	19.20
		50	0	17.62	17.50	17.47	19.20
		50	25	17.48	17.65	17.51	19.20
		50	50	17.60	17.59	17.46	19.20
		100	0	17.60	17.57	17.51	19.20
	16QAM	1	0	17.68	17.58	17.46	19.20
		1	50	17.56	17.53	17.63	19.20
		1	99	17.58	17.66	17.49	19.20
		50	0	17.47	17.51	17.43	19.20
		50	25	17.48	17.66	17.44	19.20
		50	50	17.54	17.51	17.64	19.20
		100	0	17.72	17.49	17.57	19.20
	64QAM	1	0	17.57	17.63	17.62	19.20
		1	50	17.54	17.63	17.53	19.20
		1	99	17.46	17.68	17.56	19.20
		50	0	17.54	17.52	17.49	19.20
		50	0	17.54	17.52	17.49	19.20



		50	25	17.51	17.66	17.55	19.20
		50	50	17.49	17.48	17.63	19.20
		100	0	17.55	17.56	17.51	19.20
	256QAM	1	0	17.49	17.48	17.41	19.20
		1	50	17.47	17.46	17.47	19.20
		1	99	17.36	17.39	17.31	19.20
		50	0	17.35	17.35	17.52	19.20
		50	25	17.51	17.46	17.40	19.20
		50	50	17.32	17.47	17.39	19.20
		100	0	17.40	17.45	17.33	19.20

LTE Band 66 DS14 DL CA				Conducted Power(dBm)				
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				131979	132322	132665		
1.4MHz	QPSK	1	0	18.66	18.68	18.70	20.20	
		1	2	18.66	18.82	18.65	20.20	
		1	5	18.61	18.65	18.62	20.20	
		3	0	18.69	18.73	18.84	20.20	
		3	1	18.59	18.66	18.55	20.20	
		3	3	18.78	18.77	18.80	20.20	
		6	0	18.61	18.58	18.81	20.20	
	16QAM	1	0	18.71	18.76	18.49	20.20	
		1	2	18.72	18.69	18.68	20.20	
		1	5	18.74	18.56	18.83	20.20	
		3	0	18.65	18.75	18.79	20.20	
		3	1	18.55	18.77	18.52	20.20	
		3	3	18.62	18.85	18.71	20.20	
		6	0	18.54	18.76	18.64	20.20	
	64QAM	1	0	18.67	18.84	18.60	20.20	
		1	2	18.87	18.65	18.75	20.20	
		1	5	18.60	18.63	18.75	20.20	
		3	0	19.02	19.21	19.23	20.20	
		3	1	19.25	19.17	19.24	20.20	
		3	3	19.27	19.23	19.22	20.20	
		6	0	18.86	18.82	18.80	20.20	
	256QAM	1	0	18.07	18.36	18.34	20.00	
		1	2	18.30	18.28	18.41	20.00	
		1	5	18.23	18.08	18.47	20.00	
		3	0	18.28	18.51	18.13	20.00	
		3	1	18.24	18.16	18.22	20.00	
		3	3	18.09	18.21	18.45	20.00	
		6	0	18.25	18.12	18.38	20.00	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up

				131987	132322	132657	
3MHz	QPSK	1	0	18.78	18.76	18.83	20.20
		1	7	18.67	18.65	18.73	20.20
		1	14	18.68	18.75	18.69	20.20
		8	0	18.75	18.78	18.59	20.20
		8	4	18.67	18.78	18.71	20.20
		8	7	18.82	18.78	18.67	20.20
		15	0	18.84	18.78	18.62	20.20
	16QAM	1	0	18.59	18.75	18.51	20.20
		1	7	18.79	18.80	18.65	20.20
		1	14	18.80	18.57	18.61	20.20
		8	0	18.60	18.75	18.73	20.20
		8	4	18.78	18.77	18.49	20.20
		8	7	18.72	18.86	18.61	20.20
		15	0	18.82	18.68	18.70	20.20
	64QAM	1	0	18.86	18.76	18.57	20.20
		1	7	18.84	18.69	18.79	20.20
		1	14	18.63	18.62	18.69	20.20
		8	0	18.76	18.60	18.84	20.20
		8	4	18.77	18.73	18.85	20.20
		8	7	18.79	18.93	18.62	20.20
		15	0	18.82	18.64	18.89	20.20
	256QAM	1	0	18.20	18.61	18.29	20.00
		1	7	18.23	18.18	18.20	20.00
		1	14	18.38	18.14	18.52	20.00
		8	0	18.16	18.53	18.11	20.00
		8	4	18.34	18.32	18.06	20.00
		8	7	18.21	18.20	18.31	20.00
		15	0	18.18	18.36	18.51	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131997	132322	132647	
5MHz	QPSK	1	0	18.66	18.65	18.80	20.20
		1	13	18.63	18.84	18.83	20.20
		1	24	18.71	18.70	18.66	20.20
		12	0	18.77	18.70	18.59	20.20
		12	6	18.71	18.54	18.70	20.20
		12	13	18.61	18.75	18.73	20.20
		25	0	18.66	18.58	18.70	20.20
	16QAM	1	0	18.62	18.71	18.68	20.20
		1	13	18.82	18.83	18.51	20.20
		1	24	18.79	18.66	18.62	20.20
		12	0	18.74	18.75	18.79	20.20
		12	6	18.54	18.73	18.53	20.20
		12	13	18.74	18.63	18.60	20.20
		25	0	18.72	18.79	18.58	20.20
	64QAM	1	0	18.77	18.65	18.76	20.20
		1	13	18.78	18.65	18.66	20.20
		1	24	18.67	18.70	18.58	20.20
		12	0	18.70	18.62	18.97	20.20
		12	6	18.82	18.75	18.78	20.20
		12	13	18.86	18.82	18.65	20.20

	256QAM	25	0	18.91	18.67	18.88	20.20	
		1	0	18.11	18.46	18.31	20.00	
		1	13	18.13	18.20	18.50	20.00	
		1	24	18.33	18.16	18.31	20.00	
		12	0	18.33	18.48	18.19	20.00	
		12	6	18.47	18.32	18.32	20.00	
		12	13	18.15	18.27	18.33	20.00	
		25	0	18.19	18.27	18.47	20.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				132022	132322	132622		
10MHz	QPSK	1	0	18.67	18.78	18.85	20.20	
		1	25	18.80	18.87	18.78	20.20	
		1	49	18.58	18.65	18.64	20.20	
		25	0	18.75	18.75	18.75	20.20	
		25	13	18.57	18.58	18.71	20.20	
		25	25	18.75	18.83	18.74	20.20	
		50	0	18.76	18.69	18.61	20.20	
	16QAM	1	0	18.63	18.70	18.58	20.20	
		1	25	18.75	18.73	18.57	20.20	
		1	49	18.71	18.64	18.76	20.20	
		25	0	18.58	18.82	18.68	20.20	
		25	13	18.55	18.76	18.53	20.20	
		25	25	18.74	18.76	18.77	20.20	
		50	0	18.58	18.68	18.74	20.20	
	64QAM	1	0	18.75	18.87	18.71	20.20	
		1	25	18.59	18.77	18.87	20.20	
		1	49	18.71	18.84	18.62	20.20	
		25	0	18.90	18.75	18.65	20.20	
		25	13	18.88	18.52	18.89	20.20	
		25	25	18.93	18.81	18.71	20.20	
		50	0	18.72	18.66	18.83	20.20	
	256QAM	1	0	18.14	18.40	18.12	20.00	
		1	25	18.25	18.16	18.30	20.00	
		1	49	18.33	18.09	18.46	20.00	
		25	0	18.32	18.39	18.08	20.00	
		25	13	18.29	18.28	18.10	20.00	
		25	25	18.18	18.25	18.28	20.00	
		50	0	18.16	18.33	18.46	20.00	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					132047	132322	132597	
15MHz	QPSK	1	0	18.80	18.77	18.76	20.20	
		1	38	18.73	18.81	18.75	20.20	
		1	74	18.74	18.67	18.58	20.20	
		36	0	18.76	18.80	18.62	20.20	
		36	18	18.66	18.76	18.70	20.20	
		36	39	18.74	18.73	18.82	20.20	
		75	0	18.69	18.82	18.69	20.20	
	16QAM	1	0	18.74	18.65	18.58	20.20	
		1	38	18.80	18.83	18.76	20.20	
		1	74	18.86	18.77	18.82	20.20	
		36	0	18.63	18.66	18.63	20.20	

	64QAM	36	18	18.73	18.69	18.67	20.20
		36	39	18.78	18.85	18.68	20.20
		75	0	18.73	18.73	18.67	20.20
		1	0	18.67	18.69	18.72	20.20
		1	38	18.75	18.68	18.70	20.20
		1	74	18.72	18.60	18.79	20.20
		36	0	18.62	18.75	18.74	20.20
		36	18	18.84	18.72	18.68	20.20
		36	39	18.70	18.70	18.78	20.20
	75	0	18.76	18.66	18.78	20.20	
	256QAM	1	0	18.31	18.48	18.19	20.00
		1	38	18.24	18.14	18.40	20.00
		1	74	18.35	18.02	18.35	20.00
		36	0	18.27	18.36	18.15	20.00
		36	18	18.36	18.47	18.24	20.00
		36	39	18.22	18.29	18.40	20.00
		75	0	18.25	18.10	18.38	20.00
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				132072	132322	132572	
20MHz	QPSK	1	0	18.57	18.89	18.74	20.20
		1	50	18.63	18.87	18.63	20.20
		1	99	18.65	18.70	18.53	20.20
		50	0	18.76	18.79	18.65	20.20
		50	25	18.63	18.57	18.64	20.20
		50	50	18.63	18.73	18.56	20.20
		100	0	18.78	18.71	18.68	20.20
	16QAM	1	0	18.73	18.55	18.63	20.20
		1	50	18.74	18.84	18.67	20.20
		1	99	18.66	18.68	18.55	20.20
		50	0	18.56	18.86	18.79	20.20
		50	25	18.77	18.82	18.57	20.20
		50	50	18.72	18.72	18.59	20.20
		100	0	18.63	18.71	18.62	20.20
	64QAM	1	0	18.59	18.63	18.74	20.20
		1	50	18.67	18.65	18.63	20.20
		1	99	18.72	18.68	18.88	20.20
		50	0	18.72	18.76	18.77	20.20
		50	25	18.81	18.58	18.82	20.20
		50	50	18.86	18.74	18.67	20.20
		100	0	18.99	18.72	18.80	20.20
	256QAM	1	0	18.22	18.58	18.22	20.00
		1	50	18.09	18.31	18.48	20.00
		1	99	18.27	18.07	18.32	20.00
		50	0	18.39	18.26	18.21	20.00
		50	25	18.35	18.44	18.23	20.00
		50	50	18.31	18.25	18.47	20.00
100		0	18.38	18.27	18.38	20.00	

LTE Band 38 Default				Conducted Power(dBm)				
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				37775	38000	38225		
5MHz	QPSK	1	0	23.26	23.42	23.37	24.50	
		1	13	23.00	23.23	23.20	24.50	
		1	24	23.16	23.12	23.05	24.50	
		12	0	22.03	22.22	22.37	23.50	
		12	6	22.09	22.20	22.07	23.50	
		12	13	22.04	22.27	22.01	23.50	
	16QAM	25	0	22.08	22.21	22.21	23.50	
		1	0	22.00	22.09	22.18	23.50	
		1	13	22.23	22.23	21.97	23.50	
		1	24	22.27	22.17	22.05	23.50	
		12	0	21.29	21.09	21.24	22.50	
		12	6	21.08	21.30	21.17	22.50	
	64QAM	12	13	20.94	21.36	21.05	22.50	
		25	0	21.02	20.99	21.36	22.50	
		1	0	21.00	21.14	21.35	22.50	
		1	13	21.10	21.03	21.25	22.50	
		1	24	21.06	21.29	21.11	22.50	
		12	0	20.23	20.11	20.17	21.50	
	256QAM	12	6	20.13	20.17	20.11	21.50	
		12	13	20.20	20.32	20.13	21.50	
		25	0	20.10	20.15	20.34	21.50	
		1	0	18.02	18.07	18.16	19.50	
		1	13	18.06	18.22	18.37	19.50	
		1	24	18.23	18.38	18.18	19.50	
	10MHz	QPSK	12	0	17.97	18.17	18.12	19.50
			12	6	17.96	18.30	18.13	19.50
	12		13	18.12	18.18	18.17	19.50	
	25		0	17.96	18.30	18.20	19.50	
1	0		23.31	23.45	23.23	24.50		
10MHz	16QAM		1	25	23.00	23.13	23.10	24.50
		1	49	23.03	23.12	23.23	24.50	
		25	0	22.00	22.16	22.17	23.50	
		25	13	22.13	22.21	22.27	23.50	
		25	25	21.97	22.09	22.10	23.50	
		50	0	22.08	22.16	22.33	23.50	
	64QAM	1	0	22.06	22.14	22.23	23.50	
		1	25	22.15	22.22	22.06	23.50	
		1	49	22.18	22.12	22.17	23.50	
		25	0	21.31	21.30	21.23	22.50	
		25	13	21.17	21.26	21.25	22.50	
		25	25	20.91	21.33	21.08	22.50	
	10MHz	64QAM	50	0	21.02	21.13	21.13	22.50
			1	0	21.00	21.28	21.38	22.50
			1	25	21.03	21.06	21.09	22.50
	1	49	21.09	21.28	21.22	22.50		

	256QAM	25	0	20.16	20.09	20.28	21.50
		25	13	20.18	20.09	20.08	21.50
		25	25	20.27	20.37	20.21	21.50
		50	0	19.96	20.25	20.17	21.50
		1	0	18.16	18.09	18.34	19.50
		1	25	17.98	18.20	18.19	19.50
		1	49	18.05	18.25	18.17	19.50
		25	0	17.95	17.99	18.16	19.50
		25	13	18.01	18.28	18.21	19.50
		25	25	18.27	18.25	18.12	19.50
50	0	17.95	18.29	18.12	19.50		
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37825	38000	38175	
15MHz	QPSK	1	0	23.36	23.23	23.30	24.50
		1	38	23.15	23.21	23.19	24.50
		1	74	23.01	23.10	23.10	24.50
		36	0	21.89	22.18	22.26	23.50
		36	18	22.10	22.11	22.05	23.50
		36	39	22.10	22.17	22.08	23.50
		75	0	21.88	22.16	22.32	23.50
	16QAM	1	0	22.11	22.22	22.12	23.50
		1	38	22.03	22.27	22.08	23.50
		1	74	22.19	22.17	22.01	23.50
		36	0	21.27	21.06	21.29	22.50
		36	18	21.08	21.26	21.24	22.50
		36	39	20.92	21.28	21.18	22.50
	64QAM	75	0	21.15	21.22	21.36	22.50
		1	0	21.05	21.26	21.36	22.50
		1	38	21.26	21.25	21.27	22.50
		1	74	21.09	21.21	21.30	22.50
		36	0	20.22	20.17	20.22	21.50
		36	18	20.11	20.11	20.15	21.50
		36	39	20.15	20.28	20.14	21.50
	256QAM	75	0	19.90	20.25	20.19	21.50
		1	0	18.13	18.06	18.13	19.50
		1	38	18.12	18.16	18.16	19.50
		1	74	18.10	18.34	18.17	19.50
		36	0	18.08	18.19	18.18	19.50
		36	18	18.01	18.17	18.11	19.50
		36	39	18.29	18.13	18.02	19.50
	75	0	17.91	18.32	18.02	19.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37850	38000	38150	
20MHz	QPSK	1	0	23.36	23.47	23.43	24.50
		1	50	23.23	23.34	23.35	24.50
		1	99	23.20	23.33	23.29	24.50
		50	0	22.11	22.29	22.38	23.50
		50	25	22.19	22.29	22.28	23.50
		50	50	22.12	22.33	22.23	23.50
		100	0	22.12	22.32	22.37	23.50
	16QAM	1	0	22.13	22.32	22.36	23.50

		1	50	22.26	22.37	22.21	23.50
		1	99	22.27	22.37	22.25	23.50
		50	0	21.33	21.30	21.32	22.50
		50	25	21.25	21.35	21.30	22.50
		50	50	21.16	21.46	21.30	22.50
		100	0	21.24	21.24	21.37	22.50
	64QAM	1	0	21.23	21.33	21.41	22.50
		1	50	21.26	21.26	21.27	22.50
		1	99	21.17	21.30	21.30	22.50
		50	0	20.25	20.23	20.39	21.50
		50	25	20.28	20.22	20.24	21.50
		50	50	20.29	20.40	20.27	21.50
	256QAM	100	0	20.12	20.38	20.40	21.50
		1	0	18.20	18.28	18.37	19.50
		1	50	18.14	18.38	18.40	19.50
		1	99	18.24	18.46	18.32	19.50
		50	0	18.12	18.23	18.27	19.50
		50	25	18.18	18.33	18.21	19.50
		50	50	18.33	18.33	18.26	19.50
	100	0	18.13	18.44	18.22	19.50	

LTE Band 38 DS1&5				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37775	38000	38225	
5MHz	QPSK	1	0	15.17	15.28	15.21	17.00
		1	13	15.16	15.18	15.18	17.00
		1	24	15.19	15.26	15.19	17.00
		12	0	15.27	15.29	15.17	17.00
		12	6	15.24	15.24	15.24	17.00
		12	13	15.25	15.26	15.20	17.00
		25	0	15.20	15.27	15.23	17.00
	16QAM	1	0	15.18	15.26	15.23	17.00
		1	13	15.22	15.20	15.27	17.00
		1	24	15.17	15.19	15.26	17.00
		12	0	15.19	15.25	15.26	17.00
		12	6	15.26	15.21	15.24	17.00
		12	13	15.20	15.21	15.27	17.00
		25	0	15.21	15.27	15.20	17.00
	64QAM	1	0	15.21	15.22	15.20	17.00
		1	13	15.19	15.23	15.17	17.00
		1	24	15.23	15.22	15.19	17.00
		12	0	15.20	15.22	15.22	17.00
		12	6	15.27	15.24	15.26	17.00
		12	13	15.27	15.22	15.27	17.00
		25	0	15.22	15.25	15.26	17.00
	256QAM	1	0	15.27	15.22	15.23	17.00
		1	13	15.19	15.24	15.17	17.00

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37800	38000	38200	
10MHz	QPSK	1	24	15.22	15.22	15.24	17.00
		12	0	15.19	15.24	15.21	17.00
		12	6	15.21	15.26	15.27	17.00
		12	13	15.23	15.18	15.27	17.00
		25	0	15.23	15.26	15.18	17.00
	16QAM	1	0	15.21	15.27	15.21	17.00
		1	25	15.22	15.28	15.23	17.00
		1	49	15.26	15.19	15.24	17.00
		25	0	15.18	15.27	15.21	17.00
		25	13	15.26	15.23	15.20	17.00
		25	25	15.27	15.22	15.24	17.00
		50	0	15.24	15.20	15.20	17.00
	64QAM	1	0	15.23	15.28	15.24	17.00
		1	25	15.22	15.27	15.22	17.00
		1	49	15.17	15.22	15.25	17.00
		25	0	15.26	15.25	15.24	17.00
		25	13	15.25	15.25	15.20	17.00
		25	25	15.21	15.27	15.19	17.00
		50	0	15.20	15.19	15.22	17.00
	256QAM	1	0	15.26	15.26	15.26	17.00
		1	25	15.21	15.22	15.21	17.00
		1	49	15.22	15.21	15.27	17.00
		25	0	15.25	15.22	15.20	17.00
		25	13	15.25	15.19	15.24	17.00
		25	25	15.17	15.27	15.18	17.00
50		0	15.22	15.23	15.19	17.00	
15MHz	QPSK	1	0	15.26	15.28	15.19	17.00
		1	25	15.24	15.23	15.19	17.00
		1	49	15.19	15.21	15.17	17.00
		25	0	15.17	15.20	15.17	17.00
		25	13	15.17	15.20	15.27	17.00
		25	25	15.20	15.24	15.18	17.00
		50	0	15.27	15.20	15.27	17.00
	16QAM	1	0	15.26	15.19	15.27	17.00
		1	38	15.23	15.20	15.24	17.00
		1	74	15.16	15.21	15.19	17.00
		36	0	15.25	15.22	15.23	17.00
		36	18	15.19	15.19	15.25	17.00
		36	39	15.21	15.22	15.20	17.00
		75	0	15.19	15.20	15.18	17.00
		75	0	15.19	15.20	15.18	17.00

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				37850	38000	38150		
20MHz	64QAM	1	0	15.26	15.24	15.27	17.00	
		1	38	15.17	15.28	15.19	17.00	
		1	74	15.21	15.21	15.22	17.00	
		36	0	15.17	15.22	15.24	17.00	
		36	18	15.17	15.21	15.20	17.00	
		36	39	15.19	15.23	15.19	17.00	
		75	0	15.22	15.24	15.25	17.00	
	256QAM	1	0	15.16	15.28	15.22	17.00	
		1	38	15.17	15.26	15.21	17.00	
		1	74	15.18	15.28	15.19	17.00	
		36	0	15.19	15.24	15.18	17.00	
		36	18	15.26	15.23	15.23	17.00	
		36	39	15.16	15.25	15.26	17.00	
		75	0	15.21	15.29	15.21	17.00	
	20MHz	QPSK	1	0	15.19	15.33	15.28	17.00
			1	50	15.17	15.25	15.27	17.00
			1	99	15.23	15.24	15.27	17.00
			50	0	15.23	15.31	15.25	17.00
			50	25	15.17	15.27	15.18	17.00
			50	50	15.19	15.24	15.27	17.00
			100	0	15.17	15.27	15.23	17.00
		16QAM	1	0	15.25	15.27	15.18	17.00
			1	50	15.25	15.27	15.22	17.00
			1	99	15.17	15.27	15.26	17.00
50			0	15.17	15.25	15.24	17.00	
50			25	15.25	15.22	15.17	17.00	
50			50	15.17	15.27	15.21	17.00	
100			0	15.25	15.23	15.23	17.00	
64QAM		1	0	15.23	15.27	15.25	17.00	
		1	50	15.19	15.21	15.25	17.00	
		1	99	15.25	15.24	15.22	17.00	
		50	0	15.24	15.22	15.23	17.00	
		50	25	15.19	15.27	15.21	17.00	
		50	50	15.20	15.27	15.17	17.00	
		100	0	15.20	15.22	15.20	17.00	
256QAM		1	0	15.25	15.23	15.26	17.00	
		1	50	15.25	15.27	15.18	17.00	
		1	99	15.22	15.20	15.26	17.00	
	50	0	15.23	15.27	15.24	17.00		
	50	25	15.26	15.27	15.18	17.00		
	50	50	15.17	15.20	15.20	17.00		
	100	0	15.22	15.21	15.27	17.00		

LTE Band 38 DS14				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37775	38000	38225	
5MHz	QPSK	1	0	18.76	18.84	18.71	20.50



		1	13	18.78	18.80	18.69	20.50	
		1	24	18.62	18.67	18.70	20.50	
		12	0	18.72	18.75	18.76	20.50	
		12	6	18.80	18.67	18.79	20.50	
		12	13	18.75	18.73	18.70	20.50	
		25	0	18.68	18.82	18.65	20.50	
	16QAM	1	0	18.71	18.77	18.72	20.50	
		1	13	18.62	18.76	18.82	20.50	
		1	24	18.67	18.75	18.64	20.50	
		12	0	18.67	18.68	18.77	20.50	
		12	6	18.68	18.72	18.68	20.50	
		12	13	18.75	18.72	18.68	20.50	
	64QAM	25	0	18.72	18.73	18.73	20.50	
		1	0	18.68	18.75	18.69	20.50	
		1	13	18.70	18.69	18.65	20.50	
		1	24	18.72	18.73	18.71	20.50	
		12	0	18.71	18.73	18.71	20.50	
		12	6	18.74	18.78	18.70	20.50	
	256QAM	12	13	18.69	18.65	18.75	20.50	
		25	0	18.71	18.76	18.78	20.50	
		1	0	17.85	17.95	18.04	19.50	
		1	13	17.70	18.03	17.93	19.50	
		1	24	17.96	17.97	18.06	19.50	
		12	0	17.90	18.03	17.80	19.50	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					37800	38000	38200	
	10MHz	QPSK	1	0	18.73	18.77	18.76	20.50
			1	25	18.75	18.73	18.78	20.50
1			49	18.63	18.72	18.71	20.50	
25			0	18.72	18.83	18.77	20.50	
25			13	18.78	18.76	18.76	20.50	
25			25	18.78	18.81	18.72	20.50	
50			0	18.74	18.74	18.66	20.50	
16QAM		1	0	18.66	18.81	18.71	20.50	
		1	25	18.62	18.78	18.74	20.50	
		1	49	18.66	18.71	18.70	20.50	
		25	0	18.65	18.76	18.71	20.50	
		25	13	18.70	18.68	18.72	20.50	
		25	25	18.73	18.75	18.64	20.50	
		50	0	18.67	18.73	18.65	20.50	
64QAM		1	0	18.67	18.67	18.65	20.50	
		1	25	18.69	18.75	18.69	20.50	
		1	49	18.75	18.69	18.73	20.50	
		25	0	18.69	18.74	18.76	20.50	
		25	13	18.72	18.71	18.69	20.50	
		25	25	18.68	18.72	18.69	20.50	
		50	0	18.65	18.77	18.74	20.50	
256QAM		1	0	17.86	18.02	18.01	19.50	

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up		
				37825	38000	38175			
15MHz	QPSK	1	25	17.74	18.03	17.87	19.50		
		1	49	18.01	18.02	18.11	19.50		
		25	0	17.87	18.06	17.78	19.50		
		25	13	17.95	17.99	17.94	19.50		
		25	25	17.77	17.94	17.93	19.50		
		50	0	17.94	17.80	18.15	19.50		
	16QAM	QPSK	1	0	18.70	18.76	18.76	20.50	
			1	38	18.75	18.77	18.70	20.50	
			1	74	18.71	18.66	18.72	20.50	
			36	0	18.67	18.74	18.75	20.50	
			36	18	18.80	18.66	18.71	20.50	
			36	39	18.71	18.74	18.70	20.50	
		16QAM	16QAM	75	0	18.76	18.73	18.64	20.50
				1	0	18.69	18.72	18.70	20.50
				1	38	18.69	18.71	18.82	20.50
				1	74	18.73	18.76	18.70	20.50
				36	0	18.69	18.72	18.73	20.50
				36	18	18.73	18.78	18.77	20.50
	64QAM	64QAM	36	39	18.72	18.79	18.65	20.50	
			75	0	18.70	18.80	18.74	20.50	
			1	0	18.62	18.73	18.65	20.50	
			1	38	18.71	18.70	18.72	20.50	
			1	74	18.77	18.70	18.74	20.50	
			36	0	18.64	18.70	18.73	20.50	
	256QAM	256QAM	36	18	18.69	18.78	18.74	20.50	
			36	39	18.73	18.65	18.76	20.50	
			75	0	18.73	18.75	18.75	20.50	
			1	0	17.85	17.99	17.99	19.50	
1			38	17.73	18.01	17.86	19.50		
1			74	18.04	17.97	18.02	19.50		
20MHz	QPSK	36	0	17.88	18.08	17.76	19.50		
		36	18	18.02	17.97	17.94	19.50		
		36	39	17.75	17.88	18.01	19.50		
		75	0	17.89	17.83	18.19	19.50		
		1	0	18.74	18.89	18.74	20.50		
		1	50	18.69	18.74	18.72	20.50		
	16QAM	16QAM	1	99	18.62	18.71	18.64	20.50	
			50	0	18.75	18.84	18.72	20.50	
			50	25	18.74	18.68	18.73	20.50	
			50	50	18.78	18.81	18.70	20.50	
			100	0	18.71	18.74	18.64	20.50	
			1	0	18.71	18.77	18.67	20.50	
16QAM	16QAM	1	50	18.69	18.70	18.82	20.50		
		1	99	18.75	18.74	18.65	20.50		
		50	0	18.66	18.77	18.69	20.50		
		50	25	18.71	18.73	18.74	20.50		
		50	50	18.71	18.74	18.63	20.50		

	64QAM	100	0	18.71	18.80	18.70	20.50
		1	0	18.68	18.69	18.65	20.50
		1	50	18.64	18.70	18.71	20.50
		1	99	18.70	18.67	18.77	20.50
		50	0	18.69	18.78	18.71	20.50
		50	25	18.72	18.77	18.66	20.50
		50	50	18.72	18.66	18.76	20.50
	100	0	18.72	18.73	18.82	20.50	
	256QAM	1	0	17.90	18.03	18.02	19.50
		1	50	17.74	17.95	17.90	19.50
		1	99	17.98	18.02	18.02	19.50
		50	0	17.96	18.07	17.78	19.50
		50	25	18.01	17.92	17.90	19.50
		50	50	17.80	17.87	18.01	19.50
100		0	17.86	17.84	18.14	19.50	

LTE Band 41 Default				Conducted Power(dBm)					
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39675	40148	40620	41093	41565	
5MHz	QPSK	1	0	22.53	22.81	22.73	22.59	22.73	24.00
		1	13	22.60	22.55	22.76	22.39	22.60	24.00
		1	24	22.49	22.46	22.68	22.58	22.54	24.00
		12	0	21.67	21.56	21.70	21.55	21.53	23.00
		12	6	21.32	21.47	21.50	21.46	21.65	23.00
		12	13	21.53	21.34	21.72	21.65	21.47	23.00
	16QAM	25	0	21.37	21.56	21.74	21.46	21.52	23.00
		1	0	21.60	21.68	21.60	21.52	21.50	23.00
		1	13	21.61	21.47	21.67	21.51	21.57	23.00
		1	24	21.66	21.59	21.71	21.61	21.46	23.00
		12	0	21.57	21.60	21.70	21.63	21.58	23.00
		12	6	20.53	20.74	20.53	20.75	20.57	22.00
	64QAM	12	13	20.36	20.50	20.59	20.56	20.46	22.00
		25	0	20.46	20.57	20.83	20.49	20.59	22.00
		1	0	20.66	20.39	20.57	20.49	20.70	22.00
		1	13	20.49	20.63	20.82	20.43	20.40	22.00
		1	24	20.46	20.45	20.55	20.50	20.50	22.00
		12	0	19.60	19.45	19.56	19.55	19.47	21.00
	256QAM	12	6	19.59	19.56	19.77	19.65	19.46	21.00
		12	13	19.53	19.57	19.74	19.70	19.60	21.00
		25	0	19.52	19.39	19.79	19.75	19.45	21.00
		1	0	17.71	17.47	17.64	17.58	17.50	19.00
		1	13	17.40	17.74	17.65	17.68	17.56	19.00
		1	24	17.66	17.52	17.65	17.66	17.40	19.00
		12	0	17.50	17.75	17.60	17.78	17.48	19.00
		12	6	17.51	17.59	17.76	17.53	17.42	19.00
	12	13	17.64	17.40	17.74	17.57	17.63	19.00	
	25	0	17.50	17.55	17.68	17.56	17.59	19.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39700	40160	40620	41080	41540	

10MHz	QPSK	1	0	22.63	22.74	22.74	22.68	22.63	24.00				
		1	25	22.39	22.60	22.64	22.54	22.60	24.00				
		1	49	22.38	22.47	22.58	22.66	22.63	24.00				
		25	0	21.54	21.59	21.84	21.47	21.55	23.00				
		25	13	21.34	21.56	21.63	21.60	21.52	23.00				
		25	25	21.68	21.45	21.80	21.50	21.63	23.00				
	16QAM	50	0	21.44	21.60	21.61	21.52	21.57	23.00				
		1	0	21.46	21.65	21.66	21.64	21.70	23.00				
		1	25	21.49	21.57	21.53	21.62	21.62	23.00				
		1	49	21.55	21.74	21.74	21.58	21.38	23.00				
		25	0	21.72	21.60	21.59	21.69	21.58	23.00				
		25	13	20.60	20.60	20.65	20.68	20.73	22.00				
	64QAM	25	25	20.30	20.39	20.48	20.51	20.63	22.00				
		50	0	20.44	20.67	20.71	20.45	20.56	22.00				
		1	0	20.62	20.61	20.64	20.50	20.66	22.00				
		1	25	20.44	20.59	20.61	20.60	20.58	22.00				
		1	49	20.47	20.49	20.61	20.50	20.51	22.00				
		25	0	19.56	19.59	19.51	19.58	19.41	21.00				
	256QAM	25	13	19.66	19.52	19.81	19.60	19.51	21.00				
		25	25	19.67	19.58	19.73	19.69	19.44	21.00				
		50	0	19.54	19.56	19.70	19.74	19.61	21.00				
		1	0	17.69	17.47	17.60	17.65	17.51	19.00				
		1	25	17.38	17.67	17.61	17.78	17.71	19.00				
		1	49	17.69	17.52	17.61	17.60	17.50	19.00				
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up			
					39725	40173	40620	41068	41515				
					1	0	22.70	22.65	22.79		22.75	22.70	24.00
					1	38	22.48	22.64	22.69		22.48	22.64	24.00
1					74	22.51	22.52	22.73	22.71		22.64	24.00	
36					0	21.73	21.42	21.82	21.43		21.54	23.00	
15MHz	QPSK	36	18	21.52	21.53	21.46	21.37	21.64	23.00				
		36	39	21.64	21.41	21.68	21.54	21.42	23.00				
		75	0	21.36	21.44	21.74	21.42	21.49	23.00				
		1	0	21.42	21.62	21.56	21.64	21.65	23.00				
		1	38	21.65	21.58	21.69	21.46	21.58	23.00				
		1	74	21.71	21.65	21.75	21.43	21.39	23.00				
16QAM	36	0	21.57	21.52	21.59	21.61	21.58	23.00					
	36	18	20.57	20.72	20.68	20.56	20.63	22.00					
	36	39	20.51	20.44	20.58	20.44	20.60	22.00					
	75	0	20.35	20.61	20.80	20.40	20.72	22.00					
	1	0	20.50	20.48	20.69	20.41	20.66	22.00					
	1	38	20.36	20.55	20.84	20.44	20.59	22.00					
64QAM	1	74	20.42	20.62	20.66	20.56	20.44	22.00					
	36	0	19.58	19.58	19.66	19.50	19.66	21.00					
	36	18	19.61	19.60	19.68	19.63	19.51	21.00					
	36	39	19.67	19.37	19.63	19.49	19.58	21.00					
	75	0	19.41	19.45	19.77	19.71	19.55	21.00					

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up	
				39750	40185	40620	41055	41490		
20MHz	256QAM	1	0	17.56	17.37	17.63	17.64	17.55	19.00	
		1	38	17.44	17.63	17.78	17.65	17.71	19.00	
		1	74	17.57	17.66	17.65	17.61	17.55	19.00	
		36	0	17.43	17.74	17.73	17.68	17.42	19.00	
		36	18	17.57	17.67	17.68	17.50	17.50	19.00	
		36	39	17.60	17.38	17.71	17.72	17.56	19.00	
		75	0	17.47	17.43	17.58	17.42	17.60	19.00	
	20MHz	QPSK	1	0	22.78	22.81	22.89	22.83	22.79	24.00
			1	50	22.63	22.73	22.86	22.59	22.67	24.00
			1	99	22.53	22.57	22.81	22.75	22.76	24.00
			50	0	21.74	21.64	21.86	21.62	21.71	23.00
			50	25	21.54	21.63	21.70	21.61	21.76	23.00
			50	50	21.74	21.56	21.82	21.70	21.63	23.00
			100	0	21.53	21.67	21.79	21.64	21.74	23.00
		16QAM	1	0	21.61	21.74	21.69	21.69	21.72	23.00
			1	50	21.67	21.65	21.72	21.66	21.70	23.00
			1	99	21.74	21.74	21.83	21.67	21.57	23.00
			50	0	21.75	21.69	21.72	21.70	21.70	23.00
			50	25	20.62	20.79	20.74	20.80	20.77	22.00
			50	50	20.55	20.63	20.70	20.58	20.68	22.00
			100	0	20.54	20.68	20.85	20.63	20.74	22.00
		64QAM	1	0	20.67	20.62	20.73	20.63	20.74	22.00
			1	50	20.55	20.70	20.84	20.63	20.59	22.00
			1	99	20.60	20.64	20.71	20.67	20.61	22.00
			50	0	19.75	19.60	19.74	19.71	19.66	21.00
			50	25	19.74	19.68	19.87	19.78	19.58	21.00
			50	50	19.76	19.59	19.82	19.73	19.61	21.00
			100	0	19.64	19.60	19.83	19.77	19.66	21.00
256QAM		1	0	17.76	17.60	17.81	17.67	17.66	19.00	
		1	50	17.61	17.80	17.81	17.79	17.78	19.00	
		1	99	17.72	17.67	17.71	17.80	17.58	19.00	
		50	0	17.66	17.76	17.76	17.82	17.56	19.00	
		50	25	17.75	17.74	17.82	17.68	17.67	19.00	
		50	50	17.69	17.60	17.79	17.78	17.63	19.00	
		100	0	17.68	17.65	17.81	17.63	17.74	19.00	

LTE Band 41 DSI1&5				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	15.65	15.62	15.61	15.66	15.60	17.00
		1	13	15.64	15.67	15.69	15.69	15.66	17.00
		1	24	15.64	15.58	15.64	15.66	15.57	17.00
		12	0	15.66	15.59	15.63	15.63	15.62	17.00
		12	6	15.69	15.60	15.66	15.66	15.59	17.00
		12	13	15.66	15.61	15.60	15.68	15.66	17.00
		25	0	15.60	15.66	15.68	15.60	15.68	17.00
	16QAM	1	0	15.59	15.61	15.60	15.69	15.59	17.00

				39725	40173	40620	41068	41515	
15MHz	QPSK	1	0	15.64	15.63	15.65	15.67	15.62	17.00
		1	38	15.59	15.63	15.70	15.68	15.59	17.00
		1	74	15.62	15.68	15.62	15.62	15.66	17.00
		36	0	15.60	15.68	15.65	15.63	15.62	17.00
		36	18	15.59	15.64	15.63	15.66	15.67	17.00
		36	39	15.69	15.64	15.63	15.60	15.60	17.00
	16QAM	75	0	15.60	15.63	15.62	15.68	15.67	17.00
		1	0	15.61	15.68	15.60	15.63	15.63	17.00
		1	38	15.66	15.64	15.64	15.60	15.60	17.00
		1	74	15.64	15.59	15.70	15.62	15.60	17.00
		36	0	15.68	15.69	15.65	15.67	15.61	17.00
		36	18	15.67	15.61	15.65	15.68	15.59	17.00
	64QAM	36	39	15.60	15.66	15.68	15.64	15.65	17.00
		75	0	15.61	15.62	15.64	15.67	15.61	17.00
		1	0	15.68	15.67	15.61	15.64	15.62	17.00
		1	38	15.66	15.69	15.65	15.67	15.58	17.00
		1	74	15.62	15.67	15.68	15.68	15.57	17.00
		36	0	15.69	15.66	15.62	15.60	15.57	17.00
	256QAM	36	18	15.60	15.62	15.69	15.65	15.58	17.00
		36	39	15.62	15.68	15.67	15.65	15.59	17.00
		75	0	15.62	15.61	15.69	15.58	15.60	17.00
		1	0	15.69	15.61	15.66	15.69	15.61	17.00
		1	38	15.67	15.65	15.67	15.69	15.66	17.00
		1	74	15.62	15.62	15.66	15.64	15.64	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39750	40185	40620	41055	41490	
20MHz	QPSK	1	0	15.65	15.62	15.77	15.67	15.64	17.00
		1	50	15.67	15.67	15.64	15.62	15.60	17.00
		1	99	15.60	15.69	15.61	15.67	15.65	17.00
		50	0	15.69	15.64	15.73	15.69	15.67	17.00
		50	25	15.68	15.69	15.61	15.65	15.67	17.00
		50	50	15.63	15.59	15.60	15.62	15.57	17.00
		100	0	15.61	15.65	15.74	15.64	15.67	17.00
	16QAM	1	0	15.63	15.65	15.59	15.62	15.64	17.00
		1	50	15.65	15.67	15.64	15.65	15.63	17.00
		1	99	15.65	15.62	15.60	15.60	15.62	17.00
		50	0	15.66	15.59	15.68	15.63	15.67	17.00
		50	25	15.70	15.62	15.65	15.65	15.66	17.00
		50	50	15.70	15.64	15.60	15.67	15.61	17.00
		100	0	15.64	15.60	15.66	15.63	15.68	17.00
	64QAM	1	0	15.69	15.62	15.62	15.58	15.63	17.00
		1	50	15.60	15.64	15.67	15.63	15.66	17.00
		1	99	15.65	15.64	15.64	15.67	15.62	17.00
		50	0	15.63	15.59	15.65	15.60	15.66	17.00
		50	25	15.63	15.60	15.61	15.68	15.58	17.00
		50	50	15.65	15.66	15.69	15.64	15.60	17.00
		50	50	15.65	15.66	15.69	15.64	15.60	17.00

	256QAM	100	0	15.67	15.60	15.60	15.67	15.61	17.00
		1	0	15.60	15.59	15.62	15.64	15.60	17.00
		1	50	15.68	15.60	15.63	15.67	15.62	17.00
		1	99	15.67	15.65	15.61	15.64	15.67	17.00
		50	0	15.64	15.66	15.67	15.59	15.68	17.00
		50	25	15.63	15.64	15.65	15.67	15.63	17.00
		50	50	15.68	15.61	15.66	15.59	15.57	17.00
		100	0	15.61	15.66	15.60	15.67	15.61	17.00

LTE Band 41 DSI4				Conducted Power(dBm)					
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39675	40148	40620	41093	41565	
5MHz	QPSK	1	0	19.15	19.14	19.20	19.10	19.11	20.50
		1	13	19.18	19.16	19.11	19.14	19.15	20.50
		1	24	19.18	19.18	19.11	19.19	19.10	20.50
		12	0	19.17	19.12	19.10	19.17	19.12	20.50
		12	6	19.14	19.17	19.15	19.14	19.09	20.50
		12	13	19.13	19.18	19.13	19.18	19.07	20.50
		25	0	19.15	19.13	19.18	19.13	19.10	20.50
	16QAM	1	0	19.15	19.17	19.13	19.19	19.10	20.50
		1	13	19.19	19.10	19.20	19.11	19.12	20.50
		1	24	19.10	19.12	19.11	19.10	19.07	20.50
		12	0	19.15	19.16	19.13	19.13	19.10	20.50
		12	6	19.12	19.18	19.12	19.14	19.08	20.50
		12	13	19.19	19.18	19.11	19.09	19.13	20.50
		25	0	19.18	19.08	19.19	19.11	19.13	20.50
	64QAM	1	0	19.15	19.13	19.11	19.08	19.16	20.50
		1	13	19.20	19.14	19.10	19.10	19.08	20.50
		1	24	19.15	19.13	19.13	19.16	19.11	20.50
		12	0	19.13	19.13	19.12	19.14	19.13	20.50
		12	6	19.09	19.15	19.19	19.10	19.15	20.50
		12	13	19.11	19.17	19.12	19.19	19.09	20.50
		25	0	19.12	19.14	19.12	19.15	19.15	20.50
	256QAM	1	0	17.51	17.65	17.51	17.74	17.54	19.00
		1	13	17.47	17.62	17.39	17.61	17.61	19.00
		1	24	17.60	17.39	17.59	17.48	17.70	19.00
		12	0	17.55	17.76	17.59	17.69	17.54	19.00
		12	6	17.52	17.63	17.57	17.67	17.52	19.00
		12	13	17.51	17.47	17.46	17.47	17.59	19.00
		25	0	17.57	17.47	17.55	17.53	17.70	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39700	40160	40620	41080	41540	
10MHz	QPSK	1	0	19.12	19.15	19.11	19.19	19.10	20.50
		1	25	19.16	19.14	19.12	19.19	19.09	20.50
		1	49	19.18	19.17	19.11	19.10	19.18	20.50
		25	0	19.14	19.13	19.14	19.10	19.13	20.50
		25	13	19.18	19.18	19.19	19.09	19.13	20.50
		25	25	19.13	19.10	19.18	19.14	19.18	20.50
		50	0	19.13	19.09	19.11	19.12	19.17	20.50

	16QAM	1	0	19.10	19.12	19.20	19.15	19.09	20.50	
		1	25	19.19	19.11	19.18	19.13	19.17	20.50	
		1	49	19.14	19.18	19.17	19.18	19.13	20.50	
		25	0	19.14	19.15	19.14	19.12	19.14	20.50	
		25	13	19.11	19.10	19.10	19.15	19.10	20.50	
		25	25	19.19	19.14	19.17	19.10	19.08	20.50	
	64QAM	50	0	19.12	19.14	19.13	19.18	19.13	20.50	
		1	0	19.19	19.10	19.13	19.18	19.13	20.50	
		1	25	19.14	19.13	19.15	19.12	19.14	20.50	
		1	49	19.16	19.11	19.11	19.12	19.11	20.50	
		25	0	19.16	19.18	19.16	19.12	19.15	20.50	
		25	13	19.11	19.18	19.11	19.11	19.08	20.50	
	256QAM	25	25	19.10	19.16	19.15	19.13	19.14	20.50	
		50	0	19.20	19.12	19.11	19.08	19.10	20.50	
		1	0	17.55	17.73	17.56	17.74	17.55	19.00	
		1	25	17.45	17.56	17.46	17.61	17.59	19.00	
		1	49	17.66	17.43	17.62	17.46	17.70	19.00	
		25	0	17.59	17.74	17.60	17.74	17.46	19.00	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
					39725	40173	40620	41068	41515	
	15MHz	QPSK	1	0	19.12	19.09	19.17	19.15	19.15	20.50
1			38	19.14	19.10	19.14	19.08	19.13	20.50	
1			74	19.11	19.16	19.19	19.17	19.07	20.50	
36			0	19.16	19.13	19.11	19.13	19.15	20.50	
36			18	19.10	19.10	19.12	19.19	19.11	20.50	
36			39	19.15	19.14	19.19	19.16	19.13	20.50	
75			0	19.19	19.12	19.20	19.10	19.12	20.50	
16QAM		1	0	19.12	19.16	19.16	19.09	19.17	20.50	
		1	38	19.11	19.12	19.17	19.15	19.17	20.50	
		1	74	19.10	19.09	19.13	19.11	19.09	20.50	
		36	0	19.16	19.09	19.20	19.09	19.12	20.50	
		36	18	19.10	19.11	19.14	19.10	19.14	20.50	
		36	39	19.19	19.18	19.14	19.16	19.13	20.50	
		75	0	19.18	19.08	19.17	19.16	19.12	20.50	
64QAM		1	0	19.20	19.08	19.11	19.12	19.15	20.50	
		1	38	19.14	19.14	19.16	19.10	19.15	20.50	
		1	74	19.19	19.14	19.13	19.17	19.11	20.50	
		36	0	19.19	19.12	19.16	19.11	19.16	20.50	
		36	18	19.13	19.17	19.11	19.14	19.08	20.50	
		36	39	19.19	19.14	19.17	19.14	19.15	20.50	
		75	0	19.14	19.08	19.20	19.12	19.16	20.50	
256QAM		1	0	17.54	17.70	17.59	17.67	17.62	19.00	
		1	38	17.43	17.63	17.43	17.55	17.57	19.00	
		1	74	17.65	17.39	17.56	17.42	17.70	19.00	
		36	0	17.63	17.74	17.56	17.72	17.52	19.00	
		36	18	17.57	17.65	17.57	17.62	17.52	19.00	
		36	39	17.45	17.52	17.52	17.51	17.66	19.00	
	75	0	17.51	17.52	17.51	17.43	17.72	19.00		

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39750	40185	40620	41055	41490	
20MHz	QPSK	1	0	19.13	19.10	19.27	19.17	19.16	20.50
		1	50	19.15	19.10	19.11	19.14	19.15	20.50
		1	99	19.13	19.11	19.16	19.08	19.11	20.50
		50	0	19.14	19.10	19.24	19.14	19.11	20.50
		50	25	19.17	19.17	19.12	19.11	19.08	20.50
		50	50	19.17	19.18	19.15	19.16	19.14	20.50
		100	0	19.18	19.15	19.20	19.15	19.08	20.50
	16QAM	1	0	19.10	19.19	19.11	19.08	19.13	20.50
		1	50	19.13	19.16	19.15	19.16	19.09	20.50
		1	99	19.11	19.18	19.17	19.10	19.17	20.50
		50	0	19.19	19.09	19.10	19.10	19.12	20.50
		50	25	19.12	19.15	19.14	19.09	19.14	20.50
		50	50	19.13	19.17	19.14	19.13	19.16	20.50
		100	0	19.17	19.13	19.10	19.15	19.13	20.50
	64QAM	1	0	19.13	19.10	19.18	19.13	19.17	20.50
		1	50	19.16	19.13	19.11	19.17	19.08	20.50
		1	99	19.16	19.14	19.13	19.17	19.13	20.50
		50	0	19.14	19.18	19.20	19.14	19.09	20.50
		50	25	19.12	19.09	19.17	19.12	19.15	20.50
		50	50	19.15	19.17	19.20	19.14	19.17	20.50
		100	0	19.14	19.09	19.19	19.18	19.10	20.50
	256QAM	1	0	17.52	17.67	17.58	17.70	17.60	19.00
		1	50	17.39	17.64	17.47	17.57	17.57	19.00
		1	99	17.61	17.41	17.58	17.47	17.61	19.00
		50	0	17.59	17.69	17.54	17.71	17.53	19.00
		50	25	17.54	17.64	17.60	17.59	17.60	19.00
		50	50	17.51	17.51	17.54	17.48	17.66	19.00
		100	0	17.52	17.48	17.55	17.45	17.65	19.00

7 Conducted Power of LTE Uplink CA

7.1 Conducted Power of LTE Uplink CA(Ant3)

CA_7C DSI1&5										
Combination 20MHz+20MHz (100RB+100RB)										
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset				
20850	21048	QPSK	1	0	0	0	1	0	17.83	19.00
21100	20902	QPSK	1	0	1	99	2	0	17.85	19.00
21350	21152	QPSK	1	0	1	99	2	0	17.84	19.00
20850	21048	QPSK	50	0	0	0	1	0	17.69	19.00
21100	20902	QPSK	50	0	1	49	2	0	17.88	19.00
21350	21152	QPSK	50	0	1	49	2	0	17.72	19.00

CA_7C DSI3										
Combination 20MHz+20MHz (100RB+100RB)										
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset				
20850	21048	QPSK	1	0	0	0	1	0	18.68	20.50
21100	20902	QPSK	1	0	1	99	2	0	18.77	20.50
21350	21152	QPSK	1	0	1	99	2	0	18.84	20.50
20850	21048	QPSK	50	0	0	0	1	0	18.59	20.50
21100	20902	QPSK	50	0	1	49	2	0	18.69	20.50
21350	21152	QPSK	50	0	1	49	2	0	18.58	20.50

CA_7C DSI4										
Combination 20MHz+20MHz (100RB+100RB)										
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset				
20850	21048	QPSK	1	0	0	0	1	0	24.09	25.50
21100	20902	QPSK	1	0	1	99	2	0	24.16	25.50
21350	21152	QPSK	1	0	1	99	2	0	24.11	25.50
20850	21048	QPSK	50	0	0	0	1	0	23.15	24.50
21100	20902	QPSK	50	0	1	49	2	0	23.32	24.50
21350	21152	QPSK	50	0	1	49	2	0	23.11	24.50

CA_38C DSI1&5										
Combination 20MHz+20MHz (100RB+100RB)										
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset				
37850	38048	QPSK	1	0	0	0	1	0	19.08	20.50
37901	38099	QPSK	1	0	0	0	1	0	19.35	20.50
38150	37952	QPSK	1	0	1	99	2	0	19.07	20.50
37850	38048	QPSK	50	0	0	0	1	0	19.26	20.50
37901	38099	QPSK	50	0	1	49	2	0	19.29	20.50
38150	37952	QPSK	50	0	1	49	2	0	19.08	20.50

CA_38C DSI3										
Combination 20MHz+20MHz (100RB+100RB)										
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset				
37850	38048	QPSK	1	0	0	0	1	0	20.7	22.50
37901	38099	QPSK	1	0	0	0	1	0	20.81	22.50
38150	37952	QPSK	1	0	1	99	2	0	20.78	22.50
37850	38048	QPSK	50	0	0	0	1	0	20.68	22.50
37901	38099	QPSK	50	0	1	49	2	0	20.76	22.50
38150	37952	QPSK	50	0	1	49	2	0	20.6	22.50

CA_38C 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				
37850	38048	QPSK	1	0	0	0	1	0	23.5	25.50
37901	38099	QPSK	1	0	0	0	1	0	23.78	25.50
38150	37952	QPSK	1	0	1	99	2	0	23.68	25.50
37850	38048	QPSK	50	0	0	0	1	0	22.5	24.50
37901	38099	QPSK	50	0	1	49	2	0	22.79	24.50
38150	37952	QPSK	50	0	1	49	2	0	22.44	24.50

7.2 Conducted Power of LTE Uplink CA(Ant4)

CA_7C 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				
20850	21048	QPSK	1	0	0	0	1	0	23.7	25.70
21100	20902	QPSK	1	0	1	99	2	0	23.64	25.70
21350	21152	QPSK	1	0	1	99	2	0	23.61	25.70
20850	21048	QPSK	50	0	0	0	1	0	22.69	24.70
21100	20902	QPSK	50	0	1	49	2	0	22.86	24.70
21350	21152	QPSK	50	0	1	49	2	0	22.82	24.70

CA_7C DSI3&5										
Combination 20MHz+20MHz (100RB+100RB)										
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset				
20850	21048	QPSK	1	0	0	0	1	0	19.51	21.20
21100	20902	QPSK	1	0	1	99	2	0	19.62	21.20
21350	21152	QPSK	1	0	1	99	2	0	19.5	21.20
20850	21048	QPSK	50	0	0	0	1	0	19.49	21.20
21100	20902	QPSK	50	0	1	49	2	0	19.48	21.20
21350	21152	QPSK	50	0	1	49	2	0	19.42	21.20

CA_38C 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				
37850	38048	QPSK	1	0	0	0	1	0	23.34	25.20
37901	38099	QPSK	1	0	0	0	1	0	23.22	25.20
38150	37952	QPSK	1	0	1	99	2	0	23.34	25.20
37850	38048	QPSK	50	0	0	0	1	0	22.3	24.20
37901	38099	QPSK	50	0	1	49	2	0	22.41	24.20
38150	37952	QPSK	50	0	1	49	2	0	22.24	24.20

CA_38C DSI3&5										
Combination 20MHz+20MHz (100RB+100RB)										
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset				
37850	38048	QPSK	1	0	0	0	1	0	20.9	22.70
37901	38099	QPSK	1	0	0	0	1	0	21.11	22.70
38150	37952	QPSK	1	0	1	99	2	0	20.82	22.70
37850	38048	QPSK	50	0	0	0	1	0	20.78	22.70
37901	38099	QPSK	50	0	1	49	2	0	21.03	22.70
38150	37952	QPSK	50	0	1	49	2	0	20.91	22.70

8 Conducted Power of LTE Downlink CA

CA List	PCC								SCC1				SCC2				Power	
	LTE	Ant	BW	UL	UL	Mod.	UL#	UL	LTE	BW	DL	DL	LTE	BW	DL	DL	With CA	Without CA
	Band		(MHz)	Freq. (MHz)	Channel		RB	Offset	Band	(MHz)	Freq. (MHz)	Channel	Band	(MHz)	Freq. (MHz)	Channel	Tx. Power (dBm)	Tx. Power (dBm)
CA_2A-2A	Band 2	4	20M	1880	18900	QPSK	1	0	Band 2	5M	1987.5	1175					23.59	23.79
	Band 2	5	20M	1880	18900	QPSK	1	0	Band 2	5M	1987.5	1175					22.86	22.97
CA_2C	Band 2	4	20M	1880	18900	QPSK	1	0	Band 2	20M	1979.8	1098					23.76	23.79
	Band 2	5	20M	1880	18900	QPSK	1	0	Band 2	20M	1979.8	1098					22.86	22.97
CA_2A-26A	Band 2	4	20M	1880	18900	QPSK	1	0	Band 26	15M	876.5	8865					23.68	23.79
	Band 2	5	20M	1880	18900	QPSK	1	0	Band 2	15M	876.5	8865					22.86	22.97
	Band 26	0	15M	831.5	26865	QPSK	1	0	Band 2	5M	1987.5	1175					24.29	24.43
	Band 26	1	15M	831.5	26865	QPSK	1	0	Band 2	5M	1987.5	1175					21.96	22.16
CA_4A-4A	Band 4	2	20M	1732.5	20175	QPSK	1	0	Band 4	5M	2152.5	2375					20.53	20.57
	Band 4	3	20M	1732.5	20175	QPSK	1	0	Band 4	5M	2152.5	2375					23.69	23.77
	Band 4	4	20M	1732.5	20175	QPSK	1	0	Band 4	5M	2152.5	2375					23.32	23.41
	Band 4	5	20M	1732.5	20175	QPSK	1	0	Band 4	5M	2152.5	2375					22.79	22.87
CA_4A-5A	Band 4	2	20M	1732.5	20175	QPSK	1	0	Band 5	10M	881.5	2525					20.48	20.57
	Band 4	5	20M	1732.5	20175	QPSK	1	0	Band 5	10M	881.5	2525					22.77	22.87
	Band 5	0	10M	836.5	20525	QPSK	1	0	Band 4	20M	2132.5	2175					23.79	24.02
	Band 5	1	10M	836.5	20175	QPSK	1	0	Band 4	20M	2132.5	2175					21.35	21.39
CA_7A-26A	Band 7	2	20M	2535	21100	QPSK	1	0	Band 26	15M	876.5	8865					21.1	21.32
	Band 7	3	20M	2535	21100	QPSK	1	0	Band 26	15M	876.5	8865					24.06	24.29
	Band 7	4	20M	2535	21100	QPSK	1	0	Band 26	15M	876.5	8865					23.76	23.82
	Band 7	5	20M	2535	21100	QPSK	1	0	Band 26	15M	876.5	8865					23.89	23.99
	Band 26	0	15M	831.5	26865	QPSK	1	0	Band 7	20M	2655	3100					24.26	24.43
	Band 26	1	15M	831.5	26865	QPSK	1	0	Band 7	20M	2655	3100					22.13	22.16
CA_7A-66A	Band 7	2	20M	2535	21100	QPSK	1	0	Band 66	20M	2145	66786					21.13	21.32
	Band 7	3	20M	2535	21100	QPSK	1	0	Band 66	20M	2145	66786					24.16	24.29
	Band 7	4	20M	2535	21100	QPSK	1	0	Band 66	20M	2145	66786					23.65	23.82
	Band 7	5	20M	2535	21100	QPSK	1	0	Band 66	20M	2145	66786					23.89	23.99
	Band 66	3	20M	1745	132322	QPSK	1	0	Band 7	20M	2655	3100					22.72	22.88
	Band 66	4	20M	1745	132322	QPSK	1	0	Band 7	20M	2655	3100					22.27	22.49
CA_12A-66A	Band 12	0	10M	707.5	23095	QPSK	1	0	Band 66	20M	2145	66786					23.42	23.55
	Band 12	1	10M	707.5	23095	QPSK	1	0	Band 66	20M	2145	66786					23.48	23.57
	Band 66	2	20M	1745	132322	QPSK	1	0	Band 12	10M	737.5	5095					19.47	19.54
	Band 66	3	20M	1745	132322	QPSK	1	0	Band 12	10M	737.5	5095					22.81	22.88
	Band 66	4	20M	1745	132322	QPSK	1	0	Band 12	10M	737.5	5095					22.46	22.49
	Band 66	5	20M	1745	132322	QPSK	1	0	Band 12	10M	737.5	5095					18.84	18.97
CA_26A-41A	Band 26	0	15M	831.5	26865	QPSK	1	0	Band 41	20M	2593	40620					24.31	24.43
	Band 26	1	15M	831.5	26865	QPSK	1	0	Band 41	20M	2593	40620					21.95	22.16

CA_2A-5A-66A	Band 2	4	20M	1880	18900	QPSK	1	0	Band 5	10M	881.5	2525	Band 66	20M	2145	66786	23.62	23.79
	Band 2	5	20M	1880	18900	QPSK	1	0	Band 5	10M	881.5	2525	Band 66	20M	2145	66786	22.88	22.97
	Band 5	0	10M	836.5	20525	QPSK	1	0	Band 2	20M	1960	900	Band 66	20M	2145	66786	23.97	24.02
	Band 5	1	10M	836.5	20525	QPSK	1	0	Band 2	20M	1960	900	Band 66	20M	2145	66786	21.29	21.39
	Band 66	2	20M	1745	132322	QPSK	1	0	Band 2	20M	1960	900	Band 5	10M	881.5	2525	19.39	19.54
	Band 66	3	20M	1745	132322	QPSK	1	0	Band 2	20M	1960	900	Band 5	10M	881.5	2525	22.76	22.88
	Band 66	4	20M	1745	132322	QPSK	1	0	Band 2	20M	1960	900	Band 5	10M	881.5	2525	22.41	22.49
CA_2A-7A-7A	Band 2	4	20M	1880	18900	QPSK	1	0	Band 7	20M	2655	3100	Band 7	5M	2687.5	3425	23.73	23.79
	Band 2	5	20M	1880	18900	QPSK	1	0	Band 7	20M	2655	3100	Band 7	5M	2687.5	3425	22.87	22.97
	Band 7	2	20M	2535	21100	QPSK	1	0	Band 7	5M	2687.5	3425	Band 2	20M	1960	900	21.16	21.32
	Band 7	3	20M	2535	21100	QPSK	1	0	Band 7	5M	2687.5	3425	Band 2	20M	1960	900	24.06	24.29
	Band 7	4	20M	2535	21100	QPSK	1	0	Band 7	5M	2687.5	3425	Band 2	20M	1960	900	23.63	23.82
	Band 7	5	20M	2535	21100	QPSK	1	0	Band 7	5M	2687.5	3425	Band 2	20M	1960	900	23.8	23.99
CA_2A-7C	Band 2	4	20M	1880	18900	QPSK	1	0	Band 7	20M	2655	3100	Band 7	20M	2674.8	3298	23.68	23.79
	Band 2	5	20M	1880	18900	QPSK	1	0	Band 7	20M	2655	3100	Band 7	20M	2674.8	3298	22.91	22.97
	Band 7	2	20M	2535	21100	QPSK	1	0	Band 7	20M	2674.8	3298	Band 2	20M	1960	900	17.41	21.32
	Band 7	3	20M	2535	21100	QPSK	1	0	Band 7	20M	2674.8	3298	Band 2	20M	1960	900	24.06	24.29
	Band 7	4	20M	2535	21100	QPSK	1	0	Band 7	20M	2674.8	3298	Band 2	20M	1960	900	23.78	23.82
	Band 7	5	20M	2535	21100	QPSK	1	0	Band 7	20M	2674.8	3298	Band 2	20M	1960	900	23.89	23.99
CA_2A-7A-66A	Band 2	4	20M	1880	18900	QPSK	1	0	Band 7	20M	2655	3100	Band 66	20M	2145	66786	23.75	23.79
	Band 2	5	20M	1880	18900	QPSK	1	0	Band 7	20M	2655	3100	Band 66	20M	2145	66786	22.94	22.97
	Band 7	2	20M	2535	21100	QPSK	1	0	Band 2	20M	1960	900	Band 66	20M	2145	66786	17.54	21.32
	Band 7	3	20M	2535	21100	QPSK	1	0	Band 2	20M	1960	900	Band 66	20M	2145	66786	24.25	24.29
	Band 7	4	20M	2535	21100	QPSK	1	0	Band 2	20M	1960	900	Band 66	20M	2145	66786	23.76	23.82
	Band 7	5	20M	2535	21100	QPSK	1	0	Band 2	20M	1960	900	Band 66	20M	2145	66786	23.87	23.99
	Band 66	2	20M	1745	132322	QPSK	1	0	Band 2	20M	1960	900	Band 7	20M	2655	3100	19.43	19.54
CA_4A-7C	Band 4	2	20M	1732.5	20175	QPSK	1	0	Band 7	20M	2655	3100	Band 7	20M	2674.8	3298	20.42	20.57
	Band 4	3	20M	1732.5	20175	QPSK	1	0	Band 7	20M	2655	3100	Band 7	20M	2674.8	3298	23.59	23.77
	Band 4	4	20M	1732.5	20175	QPSK	1	0	Band 7	20M	2655	3100	Band 7	20M	2674.8	3298	23.3	23.41
	Band 4	5	20M	1732.5	20175	QPSK	1	0	Band 7	20M	2655	3100	Band 7	20M	2674.8	3298	22.81	22.87
	Band 7	2	20M	2535	21100	QPSK	1	0	Band 7	20M	2674.8	3298	Band 4	20M	2132.5	2175	17.48	21.32
	Band 7	3	20M	2535	21100	QPSK	1	0	Band 7	20M	2674.8	3298	Band 4	20M	2132.5	2175	24.21	24.29
	Band 7	4	20M	2535	21100	QPSK	1	0	Band 7	20M	2674.8	3298	Band 4	20M	2132.5	2175	23.71	23.82
	Band 7	5	20M	2535	21100	QPSK	1	0	Band 7	20M	2674.8	3298	Band 4	20M	2132.5	2175	23.83	23.99
CA_5A-7A-7A	Band 5	0	10M	836.5	20525	QPSK	1	0	Band 7	20M	2655	3100	Band 7	5M	2687.5	3425	23.85	24.02
	Band 5	1	10M	836.5	20175	QPSK	1	0	Band 7	20M	2655	3100	Band 7	5M	2687.5	3425	21.35	21.39
	Band 5	2	20M	2535	21100	QPSK	1	0	Band 7	5M	2687.5	3425	Band 5	10M	881.5	2525	21.25	21.32

	Band 7	3	20M	2535	21100	QPSK	1	0	Band 7	5M	2687.5	3425	Band 5	10M	881.5	2525	24.11	24.29
	Band 7	4	20M	2535	21100	QPSK	1	0	Band 7	5M	2687.5	3425	Band 5	10M	881.5	2525	23.69	23.82
	Band 7	5	20M	2535	21100	QPSK	1	0	Band 7	5M	2687.5	3425	Band 5	10M	881.5	2525	23.81	23.99
CA_5A-7C	Band 5	0	10M	836.5	20525	QPSK	1	0	Band 7	20M	2655	3100	Band 7	20M	2674.8	3298	23.8	24.02
	Band 5	0	10M	836.5	20525	QPSK	1	0	Band 7	20M	2655	3100	Band 7	20M	2674.8	3298	21.2	21.39
	Band 7	2	20M	2535	21100	QPSK	1	0	Band 7	20M	2674.8	3298	Band 5	10M	881.5	2525	21.27	21.32
	Band 7	3	20M	2535	21100	QPSK	1	0	Band 7	20M	2674.8	3298	Band 5	10M	881.5	2525	24.16	24.29
	Band 7	4	20M	2535	21100	QPSK	1	0	Band 7	20M	2674.8	3298	Band 5	10M	881.5	2525	23.68	23.82
	Band 7	5	20M	2535	21100	QPSK	1	0	Band 7	20M	2674.8	3298	Band 5	10M	881.5	2525	23.84	23.99
CA_5A-66A-66A	Band 5	0	10M	836.5	20525	QPSK	1	0	Band 66	20M	2145	66786	Band 66	5M	2177.5	67111	23.86	24.02
	Band 5	1	10M	836.5	20175	QPSK	1	0	Band 66	20M	2145	66786	Band 66	5M	2177.5	67111	21.31	21.39
	Band 66	2	20M	1745	132322	QPSK	1	0	Band 66	5M	2177.5	67111	Band 5	10M	881.5	2525	19.42	19.54
	Band 66	3	20M	1745	132322	QPSK	1	0	Band 66	5M	2177.5	67111	Band 5	10M	881.5	2525	22.69	22.88
	Band 66	4	20M	1745	132322	QPSK	1	0	Band 66	5M	2177.5	67111	Band 5	10M	881.5	2525	22.33	22.49
	Band 66	5	20M	1745	132322	QPSK	1	0	Band 66	5M	2177.5	67111	Band 5	10M	881.5	2525	18.92	18.97
CA_7A-66A-66A	Band 7	2	20M	2535	21100	QPSK	1	0	Band 66	20M	2145	66786	Band 66	5M	2177.5	67111	21.29	21.32
	Band 7	3	20M	2535	21100	QPSK	1	0	Band 66	20M	2145	66786	Band 66	5M	2177.5	67111	24.14	24.29
	Band 7	4	20M	2535	21100	QPSK	1	0	Band 66	20M	2145	66786	Band 66	5M	2177.5	67111	23.72	23.82
	Band 7	5	20M	2535	21100	QPSK	1	0	Band 66	20M	2145	66786	Band 66	5M	2177.5	67111	23.87	23.99
	Band 66	2	20M	1745	132322	QPSK	1	0	Band 66	5M	2177.5	67111	Band 7	20M	2655	3100	19.34	19.54
	Band 66	5	20M	1745	132322	QPSK	1	0	Band 66	5M	2177.5	67111	Band 7	20M	2655	3100	18.76	18.97
CA_41A-41A-41A	Band 41	2	20M	2593	40620	QPSK	1	0	Band 41	5M	2687.5	41565	Band 41	20M	2506	39750	20.09	20.19
	Band 41	3	20M	2593	40620	QPSK	1	0	Band 41	5M	2687.5	41565	Band 41	20M	2506	39750	23.77	23.81
	Band 41	4	20M	2593	40620	QPSK	1	0	Band 41	5M	2687.5	41565	Band 41	20M	2506	39750	23.37	23.59
	Band 41	5	20M	2593	40620	QPSK	1	0	Band 41	5M	2687.5	41565	Band 41	20M	2506	39750	22.74	22.89
CA_41D	Band 41	2	20M	2593	40620	QPSK	1	0	Band 41	20M	2612.8	40818	Band 41	20M	2632.6	41016	20.03	20.19
	Band 41	3	20M	2593	40620	QPSK	1	0	Band 41	20M	2612.8	40818	Band 41	20M	2632.6	41016	23.66	23.81
	Band 41	4	20M	2593	40620	QPSK	1	0	Band 41	20M	2612.8	40818	Band 41	20M	2632.6	41016	23.47	23.59
	Band 41	5	20M	2593	40620	QPSK	1	0	Band 41	20M	2612.8	40818	Band 41	20M	2632.6	41016	22.67	22.89

9 Conducted Power of NR Antenna

9.1 Conducted Power of NR Antenna (Ant0)

N5 Default&DSI1&3&4&5				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				166800	167300	167800	
20MHz	DFT-s-OFDM PI/2 BPSK	1	1	24.55	24.46	24.57	25.50
		1	53	24.48	24.41	24.36	25.50
		1	104	24.07	23.92	24.14	25.50
		50	0	23.51	23.48	23.57	24.50
		50	28	24.52	24.42	24.41	25.50
		50	56	23.53	23.49	23.51	24.50
	DFT-s-OFDM QPSK	100	0	23.52	23.40	23.46	24.50
		1	1	24.59	24.64	24.56	25.50
		1	53	24.54	24.40	24.55	25.50
		1	104	24.16	24.10	24.09	25.50
		50	0	23.31	23.37	23.40	24.50
		50	28	24.45	24.61	24.56	25.50
	DFT-s-OFDM 16QAM	50	56	23.44	23.36	23.58	24.50
		100	0	23.59	23.56	23.62	24.50
		1	1	23.59	23.55	23.53	24.50
	DFT-s-OFDM 64QAM	1	1	22.54	22.51	22.33	23.00
		1	1	20.66	20.70	20.65	21.00
		1	1	20.66	20.70	20.65	21.00
20MHz	CP-OFDM QPSK	1	1	Channel	Channel	Channel	Tune up
				166800	167300	167800	
				22.52	22.45	22.49	23.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				166300	167300	168300	
15MHz	DFT-s-OFDM QPSK	1	1	24.27	24.37	24.19	25.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				165800	167300	168800	
10MHz	DFT-s-OFDM QPSK	1	1	24.30	24.34	24.24	25.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				165300	167300	169300	
5MHz	DFT-s-OFDM QPSK	1	1	24.34	24.43	24.26	25.50

9.2 Conducted Power of NR Antenna (Ant1)

N5 Default				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				166800	167300	167800	
20MHz	DFT-s-OFDM PI/2 BPSK	1	1	24.70	24.71	24.79	25.70
		1	53	24.85	24.67	24.54	25.70
		1	104	24.37	24.14	24.46	25.70
		50	0	23.75	23.81	23.73	24.70
		50	28	24.91	24.60	24.79	25.70
		50	56	23.78	23.78	23.80	24.70
		100	0	23.90	23.64	23.65	24.70
	DFT-s-OFDM QPSK	1	1	24.96	24.99	24.71	25.70
		1	53	24.74	24.58	24.85	25.70
		1	104	24.51	24.34	24.33	25.70
		50	0	23.55	23.62	23.60	24.70
		50	28	24.70	24.79	24.74	25.70
		50	56	23.82	23.73	23.76	24.70
		100	0	23.81	23.84	23.93	24.70
	DFT-s-OFDM 16QAM	1	1	23.91	23.78	23.84	24.70
	DFT-s-OFDM 64QAM	1	1	22.91	22.85	22.55	23.20
	DFT-s-OFDM 256QAM	1	1	21.00	20.96	20.90	21.20
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
20MHz	CP-OFDM QPSK	1	1	22.86	22.84	22.72	23.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	24.45	24.54	24.50	25.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	24.63	24.62	24.63	25.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
5MHz	DFT-s-OFDM QPSK	1	1	24.69	24.67	24.45	25.70

N5 DSI1&5				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				166800	167300	167800	
20MHz	DFT-s-OFDM PI/2 BPSK	1	1	22.11	22.10	22.18	22.70
		1	53	22.09	22.12	22.16	22.70
		1	104	22.18	22.11	22.14	22.70
		50	0	22.12	22.14	22.11	22.70
		50	28	22.17	22.12	22.13	22.70
		50	56	22.08	22.08	22.13	22.70
		100	0	22.16	22.15	22.15	22.70
	DFT-s-OFDM QPSK	1	1	22.12	22.22	22.11	22.70
		1	53	22.12	22.09	22.09	22.70
		1	104	22.11	22.07	22.10	22.70
		50	0	22.16	22.12	22.06	22.70
		50	28	22.18	22.20	22.17	22.70
		50	56	22.15	22.12	22.12	22.70
	DFT-s-OFDM 16QAM	1	1	22.16	22.13	22.14	22.70
		1	1	22.08	22.14	22.17	22.70
		1	1	22.14	22.11	22.11	22.70
	DFT-s-OFDM 256QAM	1	1	21.08	21.01	20.97	21.20
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
20MHz	CP-OFDM QPSK	1	1	166800	167300	167800	22.70
15MHz	DFT-s-OFDM QPSK	1	1	166300	167300	168300	22.70
10MHz	DFT-s-OFDM QPSK	1	1	165800	167300	168800	22.70
5MHz	DFT-s-OFDM QPSK	1	1	165300	167300	169300	22.70

N5 DSI4				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				166800	167300	167800	
20MHz	DFT-s-OFDM PI/2 BPSK	1	1	22.67	22.58	22.68	23.20
		1	53	22.68	22.66	22.69	23.20
		1	104	22.67	22.65	22.67	23.20
		50	0	22.66	22.67	22.69	23.20
		50	28	22.69	22.64	22.64	23.20
		50	56	22.63	22.66	22.70	23.20
		100	0	22.65	22.65	22.67	23.20
	DFT-s-OFDM QPSK	1	1	22.63	22.67	22.61	23.20
		1	53	22.62	22.58	22.64	23.20
		1	104	22.64	22.59	22.62	23.20
		50	0	22.68	22.56	22.59	23.20
		50	28	22.66	22.66	22.63	23.20
		50	56	22.58	22.56	22.66	23.20
	DFT-s-OFDM 16QAM	1	1	22.62	22.62	22.69	23.20
		1	1	22.68	22.61	22.69	23.20
		1	1	21.09	20.95	20.96	21.20
		1	1	21.09	20.95	20.96	21.20
	DFT-s-OFDM 256QAM	1	1	21.09	20.95	20.96	21.20
20MHz	CP-OFDM QPSK	1	1	22.80	22.82	22.77	23.20
15MHz	DFT-s-OFDM QPSK	1	1	22.66	22.58	22.63	23.20
10MHz	DFT-s-OFDM QPSK	1	1	22.64	22.61	22.62	23.20
5MHz	DFT-s-OFDM QPSK	1	1	22.62	22.61	22.61	23.20

N77 PC2 Default				Conducted Power(dBm)				
SCS 30kHz(3450~3550)								
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				/	633334	/		
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	25.18	/	27.10	
		1	137	/	25.26	/	27.10	
		1	271	/	25.10	/	27.10	
		135	0	/	24.97	/	26.10	
		135	69	/	25.10	/	27.10	
		135	138	/	25.05	/	26.10	
	DFT-s-OFDM QPSK	270	0	/	25.08	/	26.10	
		1	1	/	25.41	/	27.10	
		1	137	/	25.40	/	27.10	
		1	271	/	25.37	/	27.10	
		135	0	/	25.36	/	26.10	
		135	69	/	25.33	/	27.10	
	DFT-s-OFDM 16QAM	135	138	/	25.36	/	26.10	
		270	0	/	24.80	/	26.10	
		DFT-s-OFDM 16QAM	1	1	/	24.65	/	26.10
		DFT-s-OFDM 64QAM	1	1	/	23.15	/	24.60
		DFT-s-OFDM 256QAM	1	1	/	20.92	/	22.60
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/		
100MHz	CP-OFDM QPSK	1	1	/	23.21	/	24.60	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				633000	633334	633668		
90MHz	DFT-s-OFDM QPSK	1	1	25.23	25.27	25.23	27.10	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				632668	633334	634000		
80MHz	DFT-s-OFDM QPSK	1	1	25.21	25.33	25.15	23.10	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				632334	633334	634334		
70MHz	DFT-s-OFDM QPSK	1	1	25.20	25.35	25.24	23.10	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				632000	633334	634668		
60MHz	DFT-s-OFDM QPSK	1	1	25.32	25.26	25.15	23.10	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				631668	633334	635000		
50MHz	DFT-s-OFDM QPSK	1	1	25.25	25.36	25.19	23.10	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				631334	633334	635334		

40MHz	DFT-s-OFDM QPSK	1	1	25.21	25.26	25.14	23.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631002	633334	635666	
30MHz	DFT-s-OFDM QPSK	1	1	25.26	25.29	25.10	23.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	25.25	25.27	25.09	23.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630500	633334	636168	
15MHz	DFT-s-OFDM QPSK	1	1	25.25	25.30	25.23	23.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630334	633334	636334	
10MHz	DFT-s-OFDM QPSK	1	1	25.30	25.33	25.17	23.10

N77 PC2 DS11				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	21.65	/	23.10
		1	137	/	21.66	/	23.10
		1	271	/	21.65	/	23.10
		135	0	/	21.71	/	23.10
		135	69	/	21.64	/	23.10
		135	138	/	21.71	/	23.10
		270	0	/	21.67	/	23.10
	DFT-s-OFDM QPSK	1	1	/	21.73	/	23.10
		1	137	/	21.68	/	23.10
		1	271	/	21.69	/	23.10
		135	0	/	21.66	/	23.10
		135	69	/	21.67	/	23.10
		135	138	/	21.65	/	23.10
		270	0	/	21.67	/	23.10
	DFT-s-OFDM 16QAM	1	1	/	21.72	/	23.10
DFT-s-OFDM 64QAM	1	1	/	21.63	/	23.10	
DFT-s-OFDM 256QAM	1	1	/	20.96	/	22.60	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1	/	21.55	/	23.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up

				633000	633334	633668	
90MHz	DFT-s-OFDM QPSK	1	1	21.53	21.56	21.49	23.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632668	633334	634000	
80MHz	DFT-s-OFDM QPSK	1	1	21.53	21.54	21.59	23.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632334	633334	634334	
70MHz	DFT-s-OFDM QPSK	1	1	21.57	21.51	21.51	23.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	
60MHz	DFT-s-OFDM QPSK	1	1	21.61	21.56	21.54	23.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631668	633334	635000	
50MHz	DFT-s-OFDM QPSK	1	1	21.61	21.53	21.57	23.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
40MHz	DFT-s-OFDM QPSK	1	1	21.62	21.57	21.51	23.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631002	633334	635666	
30MHz	DFT-s-OFDM QPSK	1	1	21.52	21.53	21.50	23.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	21.53	21.52	21.51	23.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630500	633334	636168	
15MHz	DFT-s-OFDM QPSK	1	1	21.53	21.52	21.51	23.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630334	633334	636334	
10MHz	DFT-s-OFDM QPSK	1	1	21.53	21.52	21.51	23.10

N77 PC2 DSI4&5				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	20.14	/	21.60
		1	137	/	20.18	/	21.60
		1	271	/	20.12	/	21.60
		135	0	/	20.20	/	21.60
		135	69	/	20.18	/	21.60
		135	138	/	20.09	/	21.60

		270	0	/	20.15	/	21.60
	DFT-s-OFDM QPSK	1	1	/	20.31	/	21.60
		1	137	/	20.27	/	21.60
		1	271	/	20.08	/	21.60
		135	0	/	20.19	/	21.60
		135	69	/	20.24	/	21.60
		135	138	/	20.17	/	21.60
		270	0	/	20.16	/	21.60
	DFT-s-OFDM 16QAM	1	1	/	20.12	/	21.60
	DFT-s-OFDM 64QAM	1	1	/	20.23	/	21.60
	DFT-s-OFDM 256QAM	1	1	/	20.21	/	21.60
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1	/	20.16	/	21.60
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				633000	633334	633668	
90MHz	DFT-s-OFDM QPSK	1	1	20.13	20.24	20.16	21.60
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632668	633334	634000	
80MHz	DFT-s-OFDM QPSK	1	1	20.19	20.19	20.18	21.60
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632334	633334	634334	
70MHz	DFT-s-OFDM QPSK	1	1	20.22	20.18	20.11	21.60
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	
60MHz	DFT-s-OFDM QPSK	1	1	20.11	20.18	20.13	21.60
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631668	633334	635000	
50MHz	DFT-s-OFDM QPSK	1	1	20.17	20.21	20.05	21.60
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
40MHz	DFT-s-OFDM QPSK	1	1	20.17	20.21	20.14	21.60
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631002	633334	635666	
30MHz	DFT-s-OFDM QPSK	1	1	20.11	20.17	20.09	21.60
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	20.21	20.26	20.16	21.60
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up



				630500	633334	636168	
15MHz	DFT-s-OFDM QPSK	1	1	20.15	20.22	20.21	21.60
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630334	633334	636334	
10MHz	DFT-s-OFDM QPSK	1	1	20.13	20.22	20.11	21.60

N77 PC3 Default				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	23.56	/	25.10
		1	137	/	23.42	/	25.10
		1	271	/	23.53	/	25.10
		135	0	/	22.41	/	24.10
		135	69	/	23.40	/	25.10
		135	138	/	22.36	/	24.10
	DFT-s-OFDM QPSK	270	0	/	22.36	/	24.10
		1	1	/	23.61	/	25.10
		1	137	/	23.60	/	25.10
		1	271	/	23.70	/	25.10
		135	0	/	22.55	/	24.10
		135	69	/	23.52	/	25.10
	DFT-s-OFDM 16QAM	135	138	/	22.44	/	24.10
		270	0	/	22.47	/	24.10
		1	1	/	22.62	/	24.10
	DFT-s-OFDM 64QAM	1	1	/	21.11	/	22.60
DFT-s-OFDM 256QAM	1	1	/	19.02	/	20.60	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1	/	21.25	/	22.60
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				633000	633334	633668	
90MHz	DFT-s-OFDM QPSK	1	1	23.19	23.24	23.26	25.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632668	633334	634000	
80MHz	DFT-s-OFDM QPSK	1	1	23.33	23.29	23.32	25.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632334	633334	634334	
70MHz	DFT-s-OFDM QPSK	1	1	23.31	23.21	23.30	25.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	

60MHz	DFT-s-OFDM QPSK	1	1	23.25	23.29	23.23	25.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631668	633334	635000	
50MHz	DFT-s-OFDM QPSK	1	1	23.30	23.28	23.20	25.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
40MHz	DFT-s-OFDM QPSK	1	1	23.23	23.19	23.19	25.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631002	633334	635666	
30MHz	DFT-s-OFDM QPSK	1	1	23.33	23.30	23.28	25.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	23.33	23.18	23.24	25.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630500	633334	636168	
15MHz	DFT-s-OFDM QPSK	1	1	23.24	23.26	23.18	0.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630334	633334	636334	
10MHz	DFT-s-OFDM QPSK	1	1	23.19	23.21	23.22	23.10

N77 PC3 DSI1				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	19.73	/	21.10
		1	137	/	19.65	/	21.10
		1	271	/	19.60	/	21.10
		135	0	/	19.75	/	21.10
		135	69	/	19.69	/	21.10
		135	138	/	19.73	/	21.10
		270	0	/	19.70	/	21.10
	DFT-s-OFDM QPSK	1	1	/	20.09	/	21.10
		1	137	/	19.71	/	21.10
		1	271	/	19.77	/	21.10
		135	0	/	19.63	/	21.10
		135	69	/	20.04	/	21.10
		135	138	/	19.68	/	21.10
		270	0	/	20.00	/	21.10
	DFT-s-OFDM 16QAM	1	1	/	19.78	/	21.10
	DFT-s-OFDM 64QAM	1	1	/	19.69	/	21.10



	DFT-s-OFDM 256QAM	1	1	/	18.99	/	20.60
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1	/	19.55	/	21.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				633000	633334	633668	
90MHz	DFT-s-OFDM QPSK	1	1	19.50	19.65	19.57	21.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632668	633334	634000	
80MHz	DFT-s-OFDM QPSK	1	1	19.50	19.53	19.50	21.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632334	633334	634334	
70MHz	DFT-s-OFDM QPSK	1	1	19.58	19.63	19.58	21.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	
60MHz	DFT-s-OFDM QPSK	1	1	19.63	19.54	19.54	21.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631668	633334	635000	
50MHz	DFT-s-OFDM QPSK	1	1	19.60	19.54	19.50	21.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
40MHz	DFT-s-OFDM QPSK	1	1	19.56	19.54	19.55	21.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631002	633334	635666	
30MHz	DFT-s-OFDM QPSK	1	1	19.52	19.65	19.44	21.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	19.51	19.57	19.48	21.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630500	633334	636168	
15MHz	DFT-s-OFDM QPSK	1	1	19.53	19.52	19.51	21.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630334	633334	636334	
10MHz	DFT-s-OFDM QPSK	1	1	19.52	19.55	19.53	21.10

N77 PC3 DSI4&5				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	18.18	/	19.60
		1	137	/	18.10	/	19.60
		1	271	/	18.15	/	19.60
		135	0	/	18.18	/	19.60
		135	69	/	18.18	/	19.60
		135	138	/	18.11	/	19.60
		270	0	/	18.10	/	19.60
	DFT-s-OFDM QPSK	1	1	/	18.66	/	19.60
		1	137	/	18.19	/	19.60
		1	271	/	18.12	/	19.60
		135	0	/	18.16	/	19.60
		135	69	/	18.65	/	19.60
		135	138	/	18.17	/	19.60
	270	0	/	18.58	/	19.60	
	DFT-s-OFDM 16QAM	1	1	/	18.11	/	19.60
	DFT-s-OFDM 64QAM	1	1	/	18.15	/	19.60
	DFT-s-OFDM 256QAM	1	1	/	18.20	/	19.60
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1	/	18.16	/	19.60
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				633000	633334	633668	
90MHz	DFT-s-OFDM QPSK	1	1	18.13	18.16	18.09	19.60
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632668	633334	634000	
80MHz	DFT-s-OFDM QPSK	1	1	18.15	18.18	18.15	19.60
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632334	633334	634334	
70MHz	DFT-s-OFDM QPSK	1	1	18.14	18.20	18.11	19.60
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	
60MHz	DFT-s-OFDM QPSK	1	1	18.12	18.18	18.18	19.60
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631668	633334	635000	
50MHz	DFT-s-OFDM QPSK	1	1	18.15	18.19	18.16	19.60
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	

40MHz	DFT-s-OFDM QPSK	1	1	18.16	18.19	18.12	19.60
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631002	633334	635666	
30MHz	DFT-s-OFDM QPSK	1	1	18.14	18.10	18.17	19.60
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	18.17	18.19	18.14	19.60
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630500	633334	636168	
15MHz	DFT-s-OFDM QPSK	1	1	17.92	18.22	18.22	19.60
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630334	633334	636334	
10MHz	DFT-s-OFDM QPSK	1	1	17.87	18.29	18.11	19.60

N77 PC2 Default				Conducted Power(dBm)			
SCS 30kHz(3700~3980)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				650000	656000	662000	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	25.28	25.27	25.25	27.10
		1	137	25.34	25.38	25.21	27.10
		1	271	25.13	25.16	25.11	27.10
		135	0	25.08	25.02	24.91	26.10
		135	69	25.16	25.15	25.12	27.10
		135	138	25.17	24.98	25.04	26.10
	DFT-s-OFDM QPSK	270	0	25.08	25.08	25.14	26.10
		1	1	25.53	25.34	25.42	27.10
		1	137	25.38	25.35	25.34	27.10
		1	271	25.47	25.50	25.37	27.10
		135	0	25.46	25.42	25.37	26.10
		135	69	25.26	25.36	25.35	27.10
	DFT-s-OFDM 16QAM	135	138	25.40	25.33	25.42	26.10
		270	0	24.75	24.81	24.81	26.10
		1	1	24.67	24.57	24.70	26.10
	DFT-s-OFDM 64QAM	1	1	23.30	23.17	23.25	24.60
		1	1	20.90	20.86	20.91	22.60
	DFT-s-OFDM 256QAM	1	1	20.90	20.86	20.91	22.60
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				650000	656000	662000	
100MHz	CP-OFDM QPSK	1	1	22.95	22.82	22.95	24.60
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649668	656000	662332	
90MHz	DFT-s-OFDM QPSK	1	1	25.25	25.30	25.23	27.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up



				649334	656000	662666	
80MHz	DFT-s-OFDM QPSK	1	1	25.34	25.28	25.18	27.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649002	656000	662998	
70MHz	DFT-s-OFDM QPSK	1	1	25.30	25.33	25.17	27.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648668	656000	663332	
60MHz	DFT-s-OFDM QPSK	1	1	25.23	25.34	25.10	27.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648334	656000	663666	
50MHz	DFT-s-OFDM QPSK	1	1	25.18	25.21	25.10	27.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648000	656000	664000	
40MHz	DFT-s-OFDM QPSK	1	1	25.06	25.28	25.01	27.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647668	656000	664332	
30MHz	DFT-s-OFDM QPSK	1	1	25.18	25.26	25.08	27.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647334	656000	664666	
20MHz	DFT-s-OFDM QPSK	1	1	25.06	25.31	25.07	27.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647166	656000	664834	
15MHz	DFT-s-OFDM QPSK	1	1	25.16	25.31	25.11	27.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647000	656000	665000	
10MHz	DFT-s-OFDM QPSK	1	1	25.15	25.33	25.09	27.10

N77 PC2 DSI1				Conducted Power(dBm)			
SCS 30kHz(3700~3980)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				650000	656000	662000	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	21.71	21.65	21.69	23.10
		1	137	21.64	21.71	21.67	23.10
		1	271	21.65	21.71	21.72	23.10
		135	0	21.72	21.69	21.64	23.10
		135	69	21.72	21.63	21.61	23.10
		135	138	21.71	21.66	21.72	23.10
	270	0	21.64	21.72	21.63	23.10	
	DFT-s-OFDM	1	1	21.70	21.71	21.61	23.10

	QPSK	1	137	21.63	21.61	21.63	23.10
		1	271	21.68	21.69	21.65	23.10
		135	0	21.67	21.61	21.66	23.10
		135	69	21.63	21.70	21.64	23.10
		135	138	21.61	21.64	21.61	23.10
	270	0	21.61	21.63	21.62	23.10	
	DFT-s-OFDM 16QAM	1	1	21.71	21.66	21.61	23.10
DFT-s-OFDM 64QAM	1	1	21.62	21.64	21.68	23.10	
DFT-s-OFDM 256QAM	1	1	20.99	20.78	20.85	22.60	
Bandwidth	Modulation	RB size	RB offset	Channel 650000	Channel 656000	Channel 662000	Tune up
100MHz	CP-OFDM QPSK	1	1	21.54	21.55	21.55	20.60
Bandwidth	Modulation	RB size	RB offset	Channel 649668	Channel 656000	Channel 662332	Tune up
90MHz	DFT-s-OFDM QPSK	1	1	21.46	21.51	21.48	23.10
Bandwidth	Modulation	RB size	RB offset	Channel 649334	Channel 656000	Channel 662666	Tune up
80MHz	DFT-s-OFDM QPSK	1	1	21.45	21.44	21.42	23.10
Bandwidth	Modulation	RB size	RB offset	Channel 649002	Channel 656000	Channel 662998	Tune up
70MHz	DFT-s-OFDM QPSK	1	1	21.53	21.41	21.44	20.60
Bandwidth	Modulation	RB size	RB offset	Channel 648668	Channel 656000	Channel 663332	Tune up
60MHz	DFT-s-OFDM QPSK	1	1	21.44	21.50	21.46	23.10
Bandwidth	Modulation	RB size	RB offset	Channel 648334	Channel 656000	Channel 663666	Tune up
50MHz	DFT-s-OFDM QPSK	1	1	21.45	21.50	21.40	23.10
Bandwidth	Modulation	RB size	RB offset	Channel 648000	Channel 656000	Channel 664000	Tune up
40MHz	DFT-s-OFDM QPSK	1	1	21.56	21.42	21.55	23.10
Bandwidth	Modulation	RB size	RB offset	Channel 647668	Channel 656000	Channel 664332	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	21.49	21.42	21.47	23.10
Bandwidth	Modulation	RB size	RB offset	Channel 647334	Channel 656000	Channel 664666	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	21.40	21.42	21.51	23.10
Bandwidth	Modulation	RB size	RB offset	Channel 647166	Channel 656000	Channel 664834	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	21.53	21.50	21.43	23.10



Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647000	656000	665000	
10MHz	DFT-s-OFDM QPSK	1	1	21.50	21.50	21.48	23.10

N77 PC2 DSI4&5				Conducted Power(dBm)				
SCS 30kHz(3700~3980)								
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				650000	656000	662000		
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	20.14	20.21	20.24	21.60	
		1	137	20.22	20.11	20.27	21.60	
		1	271	20.21	20.13	20.28	21.60	
		135	0	20.07	20.21	20.14	21.60	
		135	69	20.13	20.24	20.16	21.60	
		135	138	20.13	20.20	20.15	21.60	
	DFT-s-OFDM QPSK	270	0	20.19	20.11	20.17	21.60	
		1	1	20.20	20.29	20.22	21.60	
		1	137	20.11	20.21	20.23	21.60	
		1	271	20.13	20.22	20.19	21.60	
		135	0	20.16	20.16	20.16	21.60	
		135	69	20.23	20.28	20.20	21.60	
	DFT-s-OFDM 16QAM	135	138	20.18	20.21	20.12	21.60	
		270	0	20.21	20.26	20.19	21.60	
		DFT-s-OFDM 64QAM	1	1	20.11	20.28	20.18	21.60
		DFT-s-OFDM 256QAM	1	1	20.25	20.17	20.11	21.60
		DFT-s-OFDM 256QAM	1	1	20.14	20.20	20.14	21.60
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
100MHz	CP-OFDM QPSK	1	1	650000	656000	662000	21.60	
100MHz	CP-OFDM QPSK	1	1	20.28	20.20	20.06	21.60	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
90MHz	DFT-s-OFDM QPSK	1	1	649668	656000	662332	23.10	
90MHz	DFT-s-OFDM QPSK	1	1	20.24	20.09	20.22	23.10	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
80MHz	DFT-s-OFDM QPSK	1	1	649334	656000	662666	23.10	
80MHz	DFT-s-OFDM QPSK	1	1	20.17	20.21	20.25	23.10	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
70MHz	DFT-s-OFDM QPSK	1	1	649002	656000	662998	21.60	
70MHz	DFT-s-OFDM QPSK	1	1	20.12	20.14	20.13	21.60	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
60MHz	DFT-s-OFDM QPSK	1	1	648668	656000	663332	23.10	
60MHz	DFT-s-OFDM QPSK	1	1	20.14	20.09	20.10	23.10	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
60MHz	DFT-s-OFDM QPSK	1	1	648334	656000	663666	23.10	
60MHz	DFT-s-OFDM QPSK	1	1	20.14	20.09	20.10	23.10	



50MHz	DFT-s-OFDM QPSK	1	1	20.21	20.23	20.17	23.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648000	656000	664000	
40MHz	DFT-s-OFDM QPSK	1	1	20.22	20.23	20.02	23.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647668	656000	664332	
30MHz	DFT-s-OFDM QPSK	1	1	20.12	20.21	20.12	23.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647334	656000	664666	
20MHz	DFT-s-OFDM QPSK	1	1	20.25	20.04	20.23	23.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647166	656000	664834	
15MHz	DFT-s-OFDM QPSK	1	1	20.23	20.07	20.21	23.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647000	656000	665000	
10MHz	DFT-s-OFDM QPSK	1	1	20.10	20.12	20.22	23.10

N77 PC3 Default				Conducted Power(dBm)			
SCS 30kHz(3700~3980)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				650000	656000	662000	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	23.12	23.13	23.10	25.10
		1	137	23.29	23.28	23.19	25.10
		1	271	23.26	23.24	23.23	25.10
		135	0	22.18	22.13	22.12	24.10
		135	69	23.23	23.13	23.18	25.10
		135	138	22.22	22.24	22.10	24.10
	DFT-s-OFDM QPSK	270	0	22.12	22.18	22.10	24.10
		1	1	23.22	23.21	23.12	25.10
		1	137	23.41	23.41	23.29	25.10
		1	271	23.38	23.30	23.31	25.10
		135	0	22.27	22.28	22.10	24.10
		135	69	23.31	23.29	23.23	25.10
	DFT-s-OFDM 16QAM	135	138	22.31	22.37	22.15	24.10
		270	0	22.31	22.28	22.17	24.10
		1	1	22.47	22.49	22.39	24.10
	DFT-s-OFDM 64QAM	1	1	20.88	20.92	20.81	22.60
	DFT-s-OFDM 256QAM	1	1	18.72	18.77	18.60	20.60
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				650000	656000	662000	
100MHz	CP-OFDM QPSK	1	1	20.75	20.91	20.76	22.60
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up

				649668	656000	662332	
90MHz	DFT-s-OFDM QPSK	1	1	23.22	23.28	23.22	25.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649334	656000	662666	
80MHz	DFT-s-OFDM QPSK	1	1	23.24	23.26	23.18	25.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649002	656000	662998	
70MHz	DFT-s-OFDM QPSK	1	1	23.19	23.21	23.22	25.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648668	656000	663332	
60MHz	DFT-s-OFDM QPSK	1	1	23.25	23.20	23.19	25.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648334	656000	663666	
50MHz	DFT-s-OFDM QPSK	1	1	23.29	23.26	23.24	25.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648000	656000	664000	
40MHz	DFT-s-OFDM QPSK	1	1	23.29	23.26	23.22	25.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647668	656000	664332	
30MHz	DFT-s-OFDM QPSK	1	1	23.27	23.14	23.13	25.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647334	656000	664666	
20MHz	DFT-s-OFDM QPSK	1	1	23.29	23.19	23.19	25.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647166	656000	664834	
15MHz	DFT-s-OFDM QPSK	1	1	23.31	23.22	23.18	25.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647000	656000	665000	
10MHz	DFT-s-OFDM QPSK	1	1	23.34	23.19	23.17	25.10

N77 PC3 DS1				Conducted Power(dBm)			
SCS 30kHz(3700~3980)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				650000	656000	662000	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	19.76	19.64	19.65	21.10
		1	137	19.70	19.71	19.75	21.10
		1	271	19.63	19.78	19.76	21.10
		135	0	19.80	19.68	19.73	21.10

		135	69	19.78	19.59	19.61	21.10
		135	138	19.75	19.67	19.70	21.10
		270	0	19.63	19.75	19.62	21.10
	DFT-s-OFDM QPSK	1	1	19.72	19.83	19.67	21.10
		1	137	19.72	19.69	19.64	21.10
		1	271	19.74	19.71	19.64	21.10
		135	0	19.73	19.78	19.75	21.10
		135	69	19.79	19.81	19.73	21.10
		135	138	19.77	19.69	19.73	21.10
		270	0	19.77	19.70	19.69	21.10
	DFT-s-OFDM 16QAM	1	1	19.75	19.61	19.58	21.10
	DFT-s-OFDM 64QAM	1	1	19.61	19.74	19.75	21.10
DFT-s-OFDM 256QAM	1	1	18.98	18.82	18.91	20.60	
Bandwidth	Modulation	RB size	RB offset	Channel 650000	Channel 656000	Channel 662000	Tune up
100MHz	CP-OFDM QPSK	1	1	19.55	19.56	19.57	21.10
Bandwidth	Modulation	RB size	RB offset	Channel 649668	Channel 656000	Channel 662332	Tune up
90MHz	DFT-s-OFDM QPSK	1	1	19.78	19.75	19.74	23.10
Bandwidth	Modulation	RB size	RB offset	Channel 649334	Channel 656000	Channel 662666	Tune up
80MHz	DFT-s-OFDM QPSK	1	1	19.74	19.72	19.70	23.10
Bandwidth	Modulation	RB size	RB offset	Channel 649002	Channel 656000	Channel 662998	Tune up
70MHz	DFT-s-OFDM QPSK	1	1	19.74	19.79	19.75	21.10
Bandwidth	Modulation	RB size	RB offset	Channel 648668	Channel 656000	Channel 663332	Tune up
60MHz	DFT-s-OFDM QPSK	1	1	19.79	19.80	19.77	23.10
Bandwidth	Modulation	RB size	RB offset	Channel 648334	Channel 656000	Channel 663666	Tune up
50MHz	DFT-s-OFDM QPSK	1	1	19.76	19.80	19.79	23.10
Bandwidth	Modulation	RB size	RB offset	Channel 648000	Channel 656000	Channel 664000	Tune up
40MHz	DFT-s-OFDM QPSK	1	1	19.74	19.73	19.76	23.10
Bandwidth	Modulation	RB size	RB offset	Channel 647668	Channel 656000	Channel 664332	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	19.73	19.79	19.75	23.10
Bandwidth	Modulation	RB size	RB offset	Channel 647334	Channel 656000	Channel 664666	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	19.72	19.75	19.73	23.10

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647166	656000	664834	
15MHz	DFT-s-OFDM QPSK	1	1	19.76	19.74	19.76	23.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647000	656000	665000	
10MHz	DFT-s-OFDM QPSK	1	1	19.71	19.72	19.70	23.10

N77 PC3 DSI4&5				Conducted Power(dBm)				
SCS 30kHz(3700~3980)								
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				650000	656000	662000		
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	18.10	18.16	18.18	19.60	
		1	137	18.18	18.14	18.17	19.60	
		1	271	18.17	18.18	18.18	19.60	
		135	0	18.12	18.16	18.11	19.60	
		135	69	18.14	18.14	18.11	19.60	
		135	138	18.13	18.11	18.13	19.60	
		270	0	18.20	18.14	18.15	19.60	
	DFT-s-OFDM QPSK	1	1	18.20	18.31	18.18	19.60	
		1	137	18.13	18.11	18.17	19.60	
		1	271	18.14	18.16	18.13	19.60	
		135	0	18.17	18.16	18.18	19.60	
		135	69	18.23	18.29	18.21	19.60	
		135	138	18.09	18.19	18.16	19.60	
		270	0	18.11	18.23	18.16	19.60	
	DFT-s-OFDM 16QAM	1	1	18.14	18.20	18.10	19.60	
	DFT-s-OFDM 64QAM	1	1	18.20	18.13	18.09	19.60	
	DFT-s-OFDM 256QAM	1	1	18.13	18.19	18.09	19.60	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					650000	656000	662000	
	100MHz	CP-OFDM QPSK	1	1	18.18	18.18	18.10	19.60
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
649668					656000	662332		
90MHz	DFT-s-OFDM QPSK	1	1	21.55	21.50	21.51	23.10	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				649334	656000	662666		
80MHz	DFT-s-OFDM QPSK	1	1	21.55	21.50	21.51	23.10	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				649002	656000	662998		



70MHz	DFT-s-OFDM QPSK	1	1	21.60	21.51	21.52	19.60
Bandwidth	Modulation	RB size	RB offset	Channel 648668	Channel 656000	Channel 663332	Tune up
60MHz	DFT-s-OFDM QPSK	1	1	21.60	21.51	21.52	23.10
Bandwidth	Modulation	RB size	RB offset	Channel 648334	Channel 656000	Channel 663666	Tune up
50MHz	DFT-s-OFDM QPSK	1	1	21.59	21.57	21.56	23.10
Bandwidth	Modulation	RB size	RB offset	Channel 648000	Channel 656000	Channel 664000	Tune up
40MHz	DFT-s-OFDM QPSK	1	1	21.59	21.57	21.56	23.10
Bandwidth	Modulation	RB size	RB offset	Channel 647668	Channel 656000	Channel 664332	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	21.52	21.57	21.50	23.10
Bandwidth	Modulation	RB size	RB offset	Channel 647334	Channel 656000	Channel 664666	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	21.56	21.47	21.59	23.10
Bandwidth	Modulation	RB size	RB offset	Channel 647166	Channel 656000	Channel 664834	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	21.56	21.47	21.59	23.10
Bandwidth	Modulation	RB size	RB offset	Channel 647000	Channel 656000	Channel 665000	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	21.56	21.47	21.59	23.10

N78 PC2 Default				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	633334	/	27.10
		1	137	/	25.23	/	27.10
		1	271	/	25.16	/	27.10
		135	0	/	24.94	/	26.10
		135	69	/	25.10	/	27.10
		135	138	/	24.92	/	26.10
		270	0	/	24.95	/	26.10
	DFT-s-OFDM QPSK	1	1	/	25.36	/	27.10
		1	137	/	25.30	/	27.10
		1	271	/	25.35	/	27.10
		135	0	/	25.26	/	26.10
		135	69	/	25.20	/	27.10
		135	138	/	25.34	/	26.10
	DFT-s-OFDM 16QAM	270	0	/	24.71	/	26.10
		1	1	/	24.64	/	26.10

	DFT-s-OFDM 64QAM	1	1	/	23.11	/	24.60
	DFT-s-OFDM 256QAM	1	1	/	20.89	/	22.60
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1	/	22.46	/	24.60
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				633000	633334	633668	
90MHz	DFT-s-OFDM QPSK	1	1	25.33	25.29	25.09	27.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632668	633334	634000	
80MHz	DFT-s-OFDM QPSK	1	1	25.22	25.27	25.16	27.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632334	633334	634332	
70MHz	DFT-s-OFDM QPSK	1	1	25.24	25.24	25.23	27.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	
60MHz	DFT-s-OFDM QPSK	1	1	25.34	25.33	25.11	27.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631668	633334	635000	
50MHz	DFT-s-OFDM QPSK	1	1	25.33	25.28	25.17	27.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
40MHz	DFT-s-OFDM QPSK	1	1	25.30	25.24	25.15	27.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631000	633334	635668	
30MHz	DFT-s-OFDM QPSK	1	1	25.22	25.24	25.05	27.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	25.31	25.15	25.03	27.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630500	633334	636168	
15MHz	DFT-s-OFDM QPSK	1	1	25.30	25.23	25.10	27.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630334	633334	636334	
10MHz	DFT-s-OFDM QPSK	1	1	25.27	25.27	25.06	27.10

N78 PC2 DSI1				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	21.69	/	23.10
		1	137	/	21.66	/	23.10
		1	271	/	21.66	/	23.10
		135	0	/	21.68	/	23.10
		135	69	/	21.64	/	23.10
		135	138	/	21.65	/	23.10
	DFT-s-OFDM QPSK	1	1	/	21.77	/	23.10
		1	137	/	21.73	/	23.10
		1	271	/	21.66	/	23.10
		135	0	/	21.71	/	23.10
		135	69	/	21.76	/	23.10
		135	138	/	21.68	/	23.10
	DFT-s-OFDM 16QAM	1	1	/	21.71	/	23.10
	DFT-s-OFDM 64QAM	1	1	/	21.70	/	23.10
	DFT-s-OFDM 256QAM	1	1	/	20.83	/	22.60
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1	/	21.57	/	23.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				633000	633334	633668	
90MHz	DFT-s-OFDM QPSK	1	1	21.57	21.54	21.48	23.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632668	633334	634000	
80MHz	DFT-s-OFDM QPSK	1	1	21.51	21.47	21.49	23.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632334	633334	634332	
70MHz	DFT-s-OFDM QPSK	1	1	21.60	21.59	21.54	23.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	
60MHz	DFT-s-OFDM QPSK	1	1	21.48	21.55	21.57	23.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631668	633334	635000	
50MHz	DFT-s-OFDM QPSK	1	1	21.51	21.59	21.59	23.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	

40MHz	DFT-s-OFDM QPSK	1	1	21.56	21.49	21.50	23.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631000	633334	635668	
30MHz	DFT-s-OFDM QPSK	1	1	21.49	21.54	21.46	23.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	21.58	21.56	21.48	23.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630500	633334	636168	
15MHz	DFT-s-OFDM QPSK	1	1	21.48	21.55	21.55	23.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630334	633334	636334	
10MHz	DFT-s-OFDM QPSK	1	1	21.50	21.46	21.58	23.10

N78 PC2 DSI4&5				Conducted Power(dBm)				
SCS 30kHz(3450~3550)								
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	633334	/	21.60	
		1	137	/	20.23	/	21.60	
		1	271	/	20.14	/	21.60	
		135	0	/	20.26	/	21.60	
		135	69	/	20.16	/	21.60	
		135	138	/	20.18	/	21.60	
		270	0	/	20.11	/	21.60	
	DFT-s-OFDM QPSK	1	1	/	20.11	/	21.60	
		1	137	/	20.25	/	21.60	
		1	271	/	20.24	/	21.60	
		135	0	/	20.11	/	21.60	
		135	69	/	20.24	/	21.60	
		135	138	/	20.21	/	21.60	
		270	0	/	20.12	/	21.60	
	DFT-s-OFDM 16QAM	1	1	/	20.23	/	21.60	
	DFT-s-OFDM 64QAM	1	1	/	20.10	/	21.60	
	DFT-s-OFDM 256QAM	1	1	/	20.22	/	21.60	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					/	633334	/	
	100MHz	CP-OFDM QPSK	1	1	/	20.17	/	21.60
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				633000	633334	633668		



90MHz	DFT-s-OFDM QPSK	1	1	20.10	20.10	20.03	21.60
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632668	633334	634000	
80MHz	DFT-s-OFDM QPSK	1	1	20.11	20.02	20.11	21.60
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632334	633334	634332	
70MHz	DFT-s-OFDM QPSK	1	1	20.21	20.07	20.09	21.60
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	
60MHz	DFT-s-OFDM QPSK	1	1	20.03	20.22	20.12	21.60
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631668	633334	635000	
50MHz	DFT-s-OFDM QPSK	1	1	20.16	20.14	20.05	21.60
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
40MHz	DFT-s-OFDM QPSK	1	1	20.21	20.12	20.14	23.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631000	633334	635668	
30MHz	DFT-s-OFDM QPSK	1	1	20.10	20.19	20.06	23.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	20.15	20.15	20.12	23.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630500	633334	636168	
15MHz	DFT-s-OFDM QPSK	1	1	20.15	20.06	20.01	23.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630334	633334	636334	
10MHz	DFT-s-OFDM QPSK	1	1	20.16	20.17	20.19	23.10

N78 PC3 Default				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	23.20	/	25.10
		1	137	/	23.36	/	25.10
		1	271	/	23.34	/	25.10
		135	0	/	23.29	/	25.10
		135	69	/	23.35	/	25.10
		135	138	/	23.40	/	25.10
		270	0	/	23.24	/	25.10

	DFT-s-OFDM QPSK	1	1	/	23.65	/	25.10
		1	137	/	23.61	/	25.10
		1	271	/	23.61	/	25.10
		135	0	/	23.55	/	25.10
		135	69	/	23.59	/	25.10
		135	138	/	23.61	/	25.10
		270	0	/	23.55	/	25.10
	DFT-s-OFDM 16QAM	1	1	/	23.64	/	25.10
	DFT-s-OFDM 64QAM	1	1	/	23.19	/	24.60
	DFT-s-OFDM 256QAM	1	1	/	21.02	/	22.60
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1	/	23.22	/	24.60
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				633000	633334	633668	
90MHz	DFT-s-OFDM QPSK	1	1	23.31	23.16	23.21	25.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632668	633334	634000	
80MHz	DFT-s-OFDM QPSK	1	1	23.25	23.25	23.26	25.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632334	633334	634332	
70MHz	DFT-s-OFDM QPSK	1	1	23.32	23.20	23.21	25.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	
60MHz	DFT-s-OFDM QPSK	1	1	23.33	23.15	23.27	25.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631668	633334	635000	
50MHz	DFT-s-OFDM QPSK	1	1	23.24	23.28	23.29	25.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
40MHz	DFT-s-OFDM QPSK	1	1	23.10	23.25	23.22	25.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631000	633334	635668	
30MHz	DFT-s-OFDM QPSK	1	1	23.09	23.13	23.20	25.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	23.17	23.14	23.28	25.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630500	633334	636168	

15MHz	DFT-s-OFDM QPSK	1	1	23.21	23.26	23.17	25.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630334	633334	636334	
10MHz	DFT-s-OFDM QPSK	1	1	23.13	23.15	23.23	25.10

N78 PC3 DS11				Conducted Power(dBm)				
SCS 30kHz(3450~3550)								
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				/	633334	/		
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	19.73	/	21.10	
		1	137	/	19.71	/	21.10	
		1	271	/	19.62	/	21.10	
		135	0	/	19.75	/	21.10	
		135	69	/	19.63	/	21.10	
		135	138	/	19.68	/	21.10	
		270	0	/	19.59	/	21.10	
	DFT-s-OFDM QPSK	1	1	/	19.85	/	21.10	
		1	137	/	19.73	/	21.10	
		1	271	/	19.75	/	21.10	
		135	0	/	19.80	/	21.10	
		135	69	/	19.83	/	21.10	
		135	138	/	19.76	/	21.10	
		270	0	/	19.73	/	21.10	
	DFT-s-OFDM 16QAM	1	1	/	19.77	/	21.10	
	DFT-s-OFDM 64QAM	1	1	/	19.73	/	21.10	
	DFT-s-OFDM 256QAM	1	1	/	18.92	/	20.60	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					/	633334	/	
	100MHz	CP-OFDM QPSK	1	1	/	19.81	/	21.10
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				633000	633334	633668		
90MHz	DFT-s-OFDM QPSK	1	1	19.66	19.79	19.70	21.10	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				632668	633334	634000		
80MHz	DFT-s-OFDM QPSK	1	1	19.71	19.84	19.81	21.10	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				632334	633334	634332		
70MHz	DFT-s-OFDM QPSK	1	1	19.67	19.76	19.85	21.10	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				632000	633334	634668		



60MHz	DFT-s-OFDM QPSK	1	1	19.73	19.81	19.67	21.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631668	633334	635000	
50MHz	DFT-s-OFDM QPSK	1	1	19.69	19.74	19.65	21.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
40MHz	DFT-s-OFDM QPSK	1	1	19.77	19.70	19.77	21.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631000	633334	635668	
30MHz	DFT-s-OFDM QPSK	1	1	19.71	19.77	19.76	21.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	19.80	19.63	19.79	21.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630500	633334	636168	
15MHz	DFT-s-OFDM QPSK	1	1	19.70	19.66	19.77	21.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630334	633334	636334	
10MHz	DFT-s-OFDM QPSK	1	1	19.84	19.84	19.63	21.10

N78 PC3 DSI4&5				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	18.15	/	19.60
		1	137	/	18.19	/	19.60
		1	271	/	18.17	/	19.60
		135	0	/	18.18	/	19.60
		135	69	/	18.13	/	19.60
		135	138	/	18.13	/	19.60
	DFT-s-OFDM QPSK	1	1	/	18.26	/	19.60
		1	137	/	18.16	/	19.60
		1	271	/	18.15	/	19.60
		135	0	/	18.16	/	19.60
		135	69	/	18.24	/	19.60
		135	138	/	18.17	/	19.60
	DFT-s-OFDM 16QAM	1	1	/	18.12	/	19.60
	DFT-s-OFDM 64QAM	1	1	/	18.14	/	19.60

	DFT-s-OFDM 256QAM	1	1	/	18.16	/	19.60
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1	/	18.13	/	19.60
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				633000	633334	633668	
90MHz	DFT-s-OFDM QPSK	1	1	18.18	18.05	18.10	19.60
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632668	633334	634000	
80MHz	DFT-s-OFDM QPSK	1	1	18.08	18.03	18.15	19.60
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632334	633334	634332	
70MHz	DFT-s-OFDM QPSK	1	1	18.04	18.07	18.17	19.60
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	
60MHz	DFT-s-OFDM QPSK	1	1	18.17	18.03	18.04	19.60
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631668	633334	635000	
50MHz	DFT-s-OFDM QPSK	1	1	18.01	18.11	18.03	19.60
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
40MHz	DFT-s-OFDM QPSK	1	1	18.04	18.15	18.02	23.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631000	633334	635668	
30MHz	DFT-s-OFDM QPSK	1	1	18.08	18.05	18.06	23.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	18.04	18.04	18.15	23.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630500	633334	636168	
15MHz	DFT-s-OFDM QPSK	1	1	18.18	18.09	18.01	23.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630334	633334	636334	
10MHz	DFT-s-OFDM QPSK	1	1	18.15	18.07	18.05	23.10

N78 PC2 Default				Conducted Power(dBm)			
SCS 30kHz(3700~3800)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	

100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	25.13	/	27.10
		1	137	/	25.20	/	27.10
		1	271	/	25.12	/	27.10
		135	0	/	24.94	/	26.10
		135	69	/	25.11	/	27.10
		135	138	/	24.91	/	26.10
	270	0	/	25.02	/	26.10	
	DFT-s-OFDM QPSK	1	1	/	25.33	/	27.10
		1	137	/	25.29	/	27.10
		1	271	/	25.32	/	27.10
		135	0	/	25.31	/	26.10
		135	69	/	25.28	/	27.10
		135	138	/	25.31	/	26.10
	270	0	/	24.75	/	26.10	
	DFT-s-OFDM 16QAM	1	1	/	24.51	/	26.10
	DFT-s-OFDM 64QAM	1	1	/	23.04	/	24.60
	DFT-s-OFDM 256QAM	1	1	/	20.81	/	22.60
	Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 650000	Channel /
100MHz	CP-OFDM QPSK	1	1	/	22.63	/	24.60
Bandwidth	Modulation	RB size	RB offset	Channel 649668	Channel 650000	Channel 650334	Tune up
90MHz	DFT-s-OFDM QPSK	1	1	25.34	25.36	25.16	27.10
Bandwidth	Modulation	RB size	RB offset	Channel 649334	Channel 650000	Channel 650668	Tune up
80MHz	DFT-s-OFDM QPSK	1	1	25.30	25.35	25.11	27.10
Bandwidth	Modulation	RB size	RB offset	Channel 649000	Channel 650000	Channel 651002	Tune up
70MHz	DFT-s-OFDM QPSK	1	1	25.22	25.25	25.10	27.10
Bandwidth	Modulation	RB size	RB offset	Channel 648668	Channel 650000	Channel 651334	Tune up
60MHz	DFT-s-OFDM QPSK	1	1	25.27	25.31	25.21	27.10
Bandwidth	Modulation	RB size	RB offset	Channel 648334	Channel 650000	Channel 651668	Tune up
50MHz	DFT-s-OFDM QPSK	1	1	25.32	25.24	25.18	27.10
Bandwidth	Modulation	RB size	RB offset	Channel 648000	Channel 650000	Channel 652000	Tune up
40MHz	DFT-s-OFDM QPSK	1	1	25.28	25.34	25.09	27.10
Bandwidth	Modulation	RB size	RB offset	Channel 647668	Channel 650000	Channel 652334	Tune up

30MHz	DFT-s-OFDM QPSK	1	1	25.31	25.22	25.11	27.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647334	650000	652668	
20MHz	DFT-s-OFDM QPSK	1	1	25.28	25.27	25.14	27.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647166	650000	652836	
15MHz	DFT-s-OFDM QPSK	1	1	25.22	25.25	25.10	27.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647000	650000	653002	
10MHz	DFT-s-OFDM QPSK	1	1	25.27	25.31	25.25	27.10

N78 PC2 DSI1				Conducted Power(dBm)				
SCS 30kHz(3700~3800)								
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				/	650000	/		
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	21.67	/	23.10	
		1	137	/	21.67	/	23.10	
		1	271	/	21.66	/	23.10	
		135	0	/	21.68	/	23.10	
		135	69	/	21.72	/	23.10	
		135	138	/	21.64	/	23.10	
		270	0	/	21.68	/	23.10	
	DFT-s-OFDM QPSK	1	1	/	21.68	/	23.10	
		1	137	/	21.65	/	23.10	
		1	271	/	21.67	/	23.10	
		135	0	/	21.63	/	23.10	
		135	69	/	21.67	/	23.10	
		135	138	/	21.63	/	23.10	
		270	0	/	21.63	/	23.10	
	DFT-s-OFDM 16QAM	1	1	/	21.72	/	23.10	
	DFT-s-OFDM 64QAM	1	1	/	21.67	/	23.10	
	DFT-s-OFDM 256QAM	1	1	/	20.97	/	22.60	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					/	650000	/	
	100MHz	CP-OFDM QPSK	1	1	/	21.52	/	23.10
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649668	650000	650334		
90MHz	DFT-s-OFDM QPSK	1	1	21.59	21.52	21.50	23.10	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	

				649334	650000	650668	
80MHz	DFT-s-OFDM QPSK	1	1	21.54	21.49	21.52	23.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649000	650000	651002	
70MHz	DFT-s-OFDM QPSK	1	1	21.54	21.48	21.54	23.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648668	650000	651334	
60MHz	DFT-s-OFDM QPSK	1	1	21.60	21.49	21.53	23.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648334	650000	651668	
50MHz	DFT-s-OFDM QPSK	1	1	21.52	21.49	21.56	23.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648000	650000	652000	
40MHz	DFT-s-OFDM QPSK	1	1	21.60	21.57	21.54	23.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647668	650000	652334	
30MHz	DFT-s-OFDM QPSK	1	1	21.55	21.51	21.60	23.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647334	650000	652668	
20MHz	DFT-s-OFDM QPSK	1	1	21.53	21.47	21.51	23.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647166	650000	652836	
15MHz	DFT-s-OFDM QPSK	1	1	21.55	21.51	21.60	23.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647000	650000	653002	
10MHz	DFT-s-OFDM QPSK	1	1	21.53	21.47	21.51	23.10

N78 PC2 DSI4&5				Conducted Power(dBm)			
SCS 30kHz(3700~3800)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	20.24	/	21.60
		1	137	/	20.24	/	21.60
		1	271	/	20.26	/	21.60
		135	0	/	20.20	/	21.60
		135	69	/	20.21	/	21.60
		135	138	/	20.17	/	21.60
	DFT-s-OFDM QPSK	270	0	/	20.15	/	21.60
		1	1	/	20.25	/	21.60
		1	137	/	20.23	/	21.60
		1	271	/	20.12	/	21.60
		135	0	/	20.16	/	21.60

				647000	650000	653002	
20MHz	DFT-s-OFDM QPSK	1	1	20.08	20.12	20.09	21.60

N78 PC3 Default				Conducted Power(dBm)				
SCS 30kHz(3700~3800)								
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				/	650000	/		
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	23.16	/	25.10	
		1	137	/	23.37	/	25.10	
		1	271	/	23.43	/	25.10	
		135	0	/	23.26	/	25.10	
		135	69	/	23.30	/	25.10	
		135	138	/	23.37	/	25.10	
		270	0	/	23.34	/	25.10	
	DFT-s-OFDM QPSK	1	1	/	23.11	/	25.10	
		1	137	/	23.35	/	25.10	
		1	271	/	23.32	/	25.10	
		135	0	/	23.22	/	25.10	
		135	69	/	23.31	/	25.10	
		135	138	/	23.27	/	25.10	
		270	0	/	23.25	/	25.10	
	DFT-s-OFDM 16QAM	1	1	/	23.37	/	25.10	
	DFT-s-OFDM 64QAM	1	1	/	22.76	/	24.60	
	DFT-s-OFDM 256QAM	1	1	/	20.75	/	22.60	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					/	650000	/	
	100MHz	CP-OFDM QPSK	1	1	/	22.66	/	24.60
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649668	650000	650334		
90MHz	DFT-s-OFDM QPSK	1	1	23.28	23.21	23.24	25.10	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				649334	650000	650668		
80MHz	DFT-s-OFDM QPSK	1	1	23.26	23.17	23.26	25.10	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				649000	650000	651002		
70MHz	DFT-s-OFDM QPSK	1	1	23.20	23.29	23.30	25.10	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				648668	650000	651334		
60MHz	DFT-s-OFDM QPSK	1	1	23.28	23.25	23.21	25.10	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				648334	650000	651668		

50MHz	DFT-s-OFDM QPSK	1	1	23.30	23.19	23.17	25.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648000	650000	652000	
40MHz	DFT-s-OFDM QPSK	1	1	23.27	23.21	23.26	25.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647668	650000	652334	
30MHz	DFT-s-OFDM QPSK	1	1	23.33	23.19	23.21	25.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647334	650000	652668	
20MHz	DFT-s-OFDM QPSK	1	1	23.31	23.30	23.19	25.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647166	650000	652836	
15MHz	DFT-s-OFDM QPSK	1	1	23.27	23.21	23.25	25.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647000	650000	653002	
10MHz	DFT-s-OFDM QPSK	1	1	23.21	23.26	23.27	25.10

N78 PC3 DS11				Conducted Power(dBm)				
SCS 30kHz(3700~3800)								
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				/	650000	/		
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	19.68	/	21.10	
		1	137	/	19.75	/	21.10	
		1	271	/	19.66	/	21.10	
		135	0	/	19.67	/	21.10	
		135	69	/	19.69	/	21.10	
		135	138	/	19.71	/	21.10	
		270	0	/	19.72	/	21.10	
	DFT-s-OFDM QPSK	1	1	/	19.81	/	21.10	
		1	137	/	19.78	/	21.10	
		1	271	/	19.70	/	21.10	
		135	0	/	19.79	/	21.10	
		135	69	/	19.79	/	21.10	
		135	138	/	19.76	/	21.10	
		270	0	/	19.69	/	21.10	
	DFT-s-OFDM 16QAM	1	1	/	19.79	/	21.10	
	DFT-s-OFDM 64QAM	1	1	/	19.67	/	21.10	
	DFT-s-OFDM 256QAM	1	1	/	18.92	/	20.60	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up

				/	650000	/	
100MHz	CP-OFDM QPSK	1	1	/	19.66	/	21.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649668	650000	650334	
90MHz	DFT-s-OFDM QPSK	1	1	19.63	19.61	19.57	21.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649334	650000	650668	
80MHz	DFT-s-OFDM QPSK	1	1	19.49	19.52	19.58	21.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649000	650000	651002	
70MHz	DFT-s-OFDM QPSK	1	1	19.49	19.59	19.57	21.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648668	650000	651334	
60MHz	DFT-s-OFDM QPSK	1	1	19.56	19.63	19.61	21.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648334	650000	651668	
50MHz	DFT-s-OFDM QPSK	1	1	19.53	19.60	19.60	21.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648000	650000	652000	
40MHz	DFT-s-OFDM QPSK	1	1	19.60	19.64	19.57	21.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647668	650000	652334	
30MHz	DFT-s-OFDM QPSK	1	1	19.49	19.65	19.56	21.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647334	650000	652668	
20MHz	DFT-s-OFDM QPSK	1	1	19.56	19.62	19.63	21.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647166	650000	652836	
30MHz	DFT-s-OFDM QPSK	1	1	19.49	19.65	19.56	21.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647000	650000	653002	
20MHz	DFT-s-OFDM QPSK	1	1	19.56	19.62	19.63	21.10

N78 PC3 DSI4&5				Conducted Power(dBm)			
SCS 30kHz(3700~3800)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	18.20	/	19.60
		1	137	/	18.16	/	19.60
		1	271	/	18.18	/	19.60

		135	0	/	18.13	/	19.60
		135	69	/	18.16	/	19.60
		135	138	/	18.09	/	19.60
		270	0	/	18.19	/	19.60
	DFT-s-OFDM QPSK	1	1	/	18.25	/	19.60
		1	137	/	18.19	/	19.60
		1	271	/	18.13	/	19.60
		135	0	/	18.15	/	19.60
		135	69	/	18.29	/	19.60
		135	138	/	18.17	/	19.60
		270	0	/	18.11	/	19.60
		DFT-s-OFDM 16QAM	1	1	/	18.15	/
	DFT-s-OFDM 64QAM	1	1	/	18.16	/	19.60
DFT-s-OFDM 256QAM	1	1	/	18.15	/	19.60	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
100MHz	CP-OFDM QPSK	1	1	/	18.11	/	19.60
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649668	650000	650334	
90MHz	DFT-s-OFDM QPSK	1	1	18.16	18.13	18.14	19.60
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649334	650000	650668	
80MHz	DFT-s-OFDM QPSK	1	1	18.19	18.10	18.18	19.60
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649000	650000	651002	
70MHz	DFT-s-OFDM QPSK	1	1	18.12	18.18	18.10	19.60
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648668	650000	651334	
60MHz	DFT-s-OFDM QPSK	1	1	18.19	18.19	18.12	19.60
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648334	650000	651668	
50MHz	DFT-s-OFDM QPSK	1	1	18.12	18.18	18.16	19.60
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648000	650000	652000	
40MHz	DFT-s-OFDM QPSK	1	1	18.16	18.13	18.16	19.60
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647668	650000	652334	
30MHz	DFT-s-OFDM QPSK	1	1	18.18	18.15	18.13	19.60
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647334	650000	652668	

20MHz	DFT-s-OFDM QPSK	1	1	18.13	18.10	18.13	19.60
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647166	650000	652836	
30MHz	DFT-s-OFDM QPSK	1	1	18.18	18.15	18.13	19.60
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647000	650000	653002	
20MHz	DFT-s-OFDM QPSK	1	1	18.13	18.10	18.13	19.60

9.3 Conducted Power of NR Antenna (Ant2)

N7 Default				Conducted Power(dBm)				
SCS 15kHz								
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				504000	507000	510000		
40MHz	DFT-s-OFDM PI/2 BPSK	1	1	20.61	20.58	20.61	22.00	
		1	108	20.59	20.40	20.40	22.00	
		1	214	20.04	20.06	20.11	22.00	
		108	0	19.57	19.46	19.66	21.00	
		108	54	20.62	20.50	20.46	22.00	
		108	108	19.47	19.51	19.56	21.00	
		216	0	19.55	19.54	19.51	21.00	
	DFT-s-OFDM QPSK	1	1	20.62	20.49	20.64	22.00	
		1	108	20.58	20.39	20.61	22.00	
		1	214	20.17	20.03	20.16	22.00	
		108	0	19.39	19.37	19.33	21.00	
		108	54	20.57	20.80	20.63	22.00	
		108	108	19.48	19.33	19.56	21.00	
		216	0	19.65	19.68	19.53	21.00	
	DFT-s-OFDM 16QAM	1	1	19.58	19.67	19.60	21.00	
	DFT-s-OFDM 64QAM	1	1	18.62	18.51	18.46	19.50	
	DFT-s-OFDM 256QAM	1	1	16.66	17.12	16.66	17.50	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					503000	507000	511000	
	40MHz	CP-OFDM QPSK	1	1	18.58	18.59	18.35	19.50
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up



				503000	507000	511000	
30MHz	DFT-s-OFDM QPSK	1	1	20.52	20.73	20.68	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				502500	507000	511500	
25MHz	DFT-s-OFDM QPSK	1	1	20.46	20.70	20.63	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				502000	507000	512000	
20MHz	DFT-s-OFDM QPSK	1	1	20.55	20.73	20.43	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				501500	507000	512500	
15MHz	DFT-s-OFDM QPSK	1	1	20.54	20.77	20.48	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				501000	507000	513000	
10MHz	DFT-s-OFDM QPSK	1	1	20.51	20.66	20.52	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				500500	507000	513500	
5MHz	DFT-s-OFDM QPSK	1	1	20.48	20.64	20.50	22.00

N7 DSI1&5				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				504000	507000	510000	
40MHz	DFT-s-OFDM PI/2 BPSK	1	1	17.91	17.89	17.82	19.00
		1	108	17.84	17.89	17.87	19.00
		1	214	17.89	17.83	17.82	19.00
		108	0	17.92	17.84	17.87	19.00
		108	54	17.83	17.86	17.83	19.00
		108	108	17.84	17.92	17.85	19.00
		216	0	17.89	17.89	17.90	19.00
	DFT-s-OFDM QPSK	1	1	17.92	17.98	17.93	19.00
		1	108	17.91	17.88	17.91	19.00
		1	214	17.83	17.89	17.88	19.00
		108	0	17.87	17.85	17.86	19.00
		108	54	17.92	17.96	17.94	19.00
		108	108	17.90	17.91	17.89	19.00
		216	0	17.84	17.86	17.82	19.00



	DFT-s-OFDM 16QAM	1	1	17.91	17.87	17.83	19.00
	DFT-s-OFDM 64QAM	1	1	17.82	17.91	17.85	19.00
	DFT-s-OFDM 256QAM	1	1	16.67	16.69	16.64	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				503000	507000	511000	
40MHz	CP-OFDM QPSK	1	1	17.62	17.83	17.78	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				503000	507000	511000	
30MHz	DFT-s-OFDM QPSK	1	1	17.83	17.64	17.71	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				502500	507000	511500	
25MHz	DFT-s-OFDM QPSK	1	1	17.82	17.73	17.74	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				502000	507000	512000	
20MHz	DFT-s-OFDM QPSK	1	1	17.82	17.88	17.92	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				501500	507000	512500	
15MHz	DFT-s-OFDM QPSK	1	1	17.85	17.88	17.88	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				501000	507000	513000	
10MHz	DFT-s-OFDM QPSK	1	1	17.86	17.82	17.81	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				500500	507000	513500	
5MHz	DFT-s-OFDM QPSK	1	1	17.84	17.82	17.84	19.00

N7 DSI4				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				504000	507000	510000	
40MHz	DFT-s-OFDM PI/2 BPSK	1	1	19.28	19.31	19.34	20.50
		1	108	19.37	19.32	19.27	20.50
		1	214	19.37	19.29	19.32	20.50
		108	0	19.38	19.33	19.29	20.50
		108	54	19.31	19.38	19.35	20.50
		108	108	19.38	19.35	19.30	20.50
		216	0	19.30	19.31	19.29	20.50

	DFT-s-OFDM QPSK	1	1	19.36	19.43	19.34	20.50
		1	108	19.35	19.35	19.31	20.50
		1	214	19.33	19.31	19.32	20.50
		108	0	19.28	19.30	19.37	20.50
		108	54	19.34	19.41	19.40	20.50
		108	108	19.33	19.35	19.34	20.50
	DFT-s-OFDM 16QAM	1	1	19.31	19.30	19.34	20.50
	DFT-s-OFDM 64QAM	1	1	18.62	18.51	18.46	19.50
	DFT-s-OFDM 256QAM	1	1	16.66	16.67	16.61	17.50
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				503000	507000	511000	
40MHz	CP-OFDM QPSK	1	1	19.39	19.24	19.45	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				503000	507000	511000	
30MHz	DFT-s-OFDM QPSK	1	1	19.38	19.34	19.29	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				502500	507000	511500	
25MHz	DFT-s-OFDM QPSK	1	1	19.36	19.43	19.28	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				502000	507000	512000	
20MHz	DFT-s-OFDM QPSK	1	1	19.44	19.31	19.37	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				501500	507000	512500	
15MHz	DFT-s-OFDM QPSK	1	1	19.41	19.22	19.24	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				501000	507000	513000	
10MHz	DFT-s-OFDM QPSK	1	1	19.42	19.31	19.43	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				500500	507000	513500	
5MHz	DFT-s-OFDM QPSK	1	1	19.21	19.45	19.42	20.50



N38 Default				Conducted Power(dBm)			
SCS 30kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				518000	519000	520000	
40MHz	DFT-s-OFDM PI/2 BPSK	1	1	20.66	20.64	20.58	22.00
		1	108	20.69	20.37	20.40	22.00
		1	214	20.03	20.02	20.16	22.00
		108	0	19.52	19.43	19.65	21.00
		108	54	20.72	20.56	20.48	22.00
		108	108	19.50	19.49	19.63	21.00
		216	0	19.55	19.51	19.61	21.00
	DFT-s-OFDM QPSK	1	1	20.71	20.44	20.69	22.00
		1	108	20.57	20.40	20.62	22.00
		1	214	20.26	20.13	20.21	22.00
		108	0	19.47	19.35	19.36	21.00
		108	54	20.53	20.86	20.64	22.00
		108	108	19.46	19.34	19.64	21.00
		216	0	19.64	19.75	19.49	21.00
	DFT-s-OFDM 16QAM	1	1	19.62	19.76	19.60	21.00
	DFT-s-OFDM 64QAM	1	1	18.58	18.46	18.46	19.50
	DFT-s-OFDM 256QAM	1	1	16.72	17.08	16.66	17.50
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
40MHz	CP-OFDM QPSK	1	1	18.61	18.48	18.49	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	20.56	20.76	20.67	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	20.66	20.84	20.63	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	20.54	20.75	20.61	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	20.65	20.71	20.53	22.00

N38 DSI1&5				Conducted Power(dBm)			
SCS 30kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				518000	519000	520000	
40MHz	DFT-s-OFDM PI/2 BPSK	1	1	18.27	18.37	18.29	19.50
		1	108	18.32	18.36	18.37	19.50
		1	214	18.30	18.36	18.32	19.50
		108	0	18.28	18.35	18.34	19.50
		108	54	18.30	18.31	18.30	19.50
		108	108	18.37	18.28	18.32	19.50
	DFT-s-OFDM QPSK	216	0	18.30	18.30	18.35	19.50
		1	1	18.32	18.41	18.36	19.50
		1	108	18.26	18.32	18.29	19.50
		1	214	18.31	18.34	18.35	19.50
		108	0	18.35	18.31	18.33	19.50
		108	54	18.36	18.40	18.36	19.50
	DFT-s-OFDM 16QAM	108	108	18.33	18.32	18.34	19.50
		216	0	18.36	18.39	18.33	19.50
		1	1	18.28	18.31	18.35	19.50
	DFT-s-OFDM 64QAM	1	1	18.32	18.35	18.29	19.50
	DFT-s-OFDM 256QAM	1	1	16.72	16.78	16.66	17.50
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
40MHz	CP-OFDM QPSK	1	1	518000	519000	520000	
18.27				18.32	18.31	19.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	517000	519000	521000	
18.29				18.29	18.28	19.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	516000	519000	522000	
18.31				18.27	18.33	19.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	515500	519000	522500	
18.24				18.39	18.24	19.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				515000	519000	523000	

10MHz	DFT-s-OFDM QPSK	1	1	18.31	18.22	18.42	19.50
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N38 DS14				Conducted Power(dBm)			
SCS 30kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				518000	519000	520000	
40MHz	DFT-s-OFDM PI/2 BPSK	1	1	19.76	19.72	19.79	21.00
		1	108	19.71	19.82	19.73	21.00
		1	214	19.82	19.72	19.80	21.00
		108	0	19.81	19.73	19.77	21.00
		108	54	19.77	19.79	19.79	21.00
		108	108	19.82	19.79	19.75	21.00
		216	0	19.73	19.80	19.80	21.00
	DFT-s-OFDM QPSK	1	1	19.78	19.84	19.78	21.00
		1	108	19.77	19.76	19.74	21.00
		1	214	19.73	19.72	19.75	21.00
		108	0	19.77	19.75	19.74	21.00
		108	54	19.78	19.82	19.77	21.00
		108	108	19.73	19.74	19.75	21.00
		216	0	19.74	19.81	19.77	21.00
	DFT-s-OFDM 16QAM	1	1	19.77	19.73	19.76	21.00
	DFT-s-OFDM 64QAM	1	1	18.58	18.46	18.46	19.50
	DFT-s-OFDM 256QAM	1	1	16.71	16.78	16.69	17.50
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
40MHz	CP-OFDM QPSK	1	1	18.66	18.52	18.44	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	19.75	19.82	19.75	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	19.80	19.78	19.73	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	19.71	19.73	19.74	19.50



Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				515000	519000	523000	
10MHz	DFT-s-OFDM QPSK	1	1	19.68	19.73	19.70	19.50

N41 Default				Conducted Power(dBm)				
SCS 30kHz								
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				509202	518598	528000		
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	20.73	20.86	20.76	22.00	
		1	137	20.76	20.86	20.85	22.00	
		1	271	20.80	20.85	20.87	22.00	
		135	0	19.90	19.89	19.87	21.00	
		135	69	20.77	20.70	20.71	22.00	
		135	138	19.88	19.84	19.84	21.00	
		270	0	19.89	19.90	19.83	21.00	
	DFT-s-OFDM QPSK	1	1	20.80	21.02	20.84	22.00	
		1	137	20.81	20.75	20.87	22.00	
		1	271	20.74	20.81	20.80	22.00	
		135	0	19.82	19.91	19.84	21.00	
		135	69	20.92	20.93	20.78	22.00	
		135	138	19.83	19.83	19.89	21.00	
	DFT-s-OFDM 16QAM	1	1	19.89	19.89	19.84	21.00	
	DFT-s-OFDM 64QAM	1	1	18.49	18.28	18.40	19.50	
	DFT-s-OFDM 256QAM	1	1	17.04	17.11	16.97	17.50	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
	100MHz	CP-OFDM QPSK	1	1	18.55	18.43	18.48	19.50
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
90MHz	DFT-s-OFDM QPSK	1	1	20.54	20.62	20.56	22.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
80MHz	DFT-s-OFDM QPSK	1	1	20.54	20.60	20.59	22.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
70MHz	DFT-s-OFDM QPSK	1	1	20.61	20.63	20.61	22.00	



Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				505200	518598	531996	
60MHz	DFT-s-OFDM QPSK	1	1	20.56	20.62	20.60	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				504204	518598	532998	
50MHz	DFT-s-OFDM QPSK	1	1	20.53	20.67	20.65	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				503202	518598	534000	
40MHz	DFT-s-OFDM QPSK	1	1	20.57	20.66	20.60	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				502200	518598	534996	
30MHz	DFT-s-OFDM QPSK	1	1	20.58	20.67	20.66	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				501204	518598	535998	
20MHz	DFT-s-OFDM QPSK	1	1	20.58	20.62	20.61	22.00

N41 DSI1&5				Conducted Power(dBm)			
SCS 30kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				509202	518598	528000	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	18.22	18.26	18.25	19.50
		1	137	18.29	18.32	18.31	19.50
		1	271	18.22	18.26	18.27	19.50
		135	0	18.30	18.27	18.30	19.50
		135	69	18.22	18.25	18.22	19.50
		135	138	18.27	18.28	18.22	19.50
		270	0	18.31	18.31	18.28	19.50
	DFT-s-OFDM QPSK	1	1	18.28	18.45	18.29	19.50
		1	137	18.22	18.22	18.27	19.50
		1	271	18.26	18.27	18.25	19.50
		135	0	18.30	18.21	18.27	19.50
		135	69	18.41	18.42	18.34	19.50
		135	138	18.23	18.24	18.25	19.50
		270	0	18.21	18.38	18.31	19.50
	DFT-s-OFDM 16QAM	1	1	18.30	18.29	18.25	19.50
	DFT-s-OFDM 64QAM	1	1	18.31	18.24	18.30	19.50

	DFT-s-OFDM 256QAM	1	1	16.95	16.74	16.87	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				509202	518598	528000	
100MHz	CP-OFDM QPSK	1	1	18.29	18.22	18.21	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				508200	518598	528996	
90MHz	DFT-s-OFDM QPSK	1	1	18.31	18.28	18.31	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				507204	518598	529998	
80MHz	DFT-s-OFDM QPSK	1	1	18.24	18.23	18.25	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				506202	518598	531000	
70MHz	DFT-s-OFDM QPSK	1	1	18.31	18.26	18.22	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				505200	518598	531996	
60MHz	DFT-s-OFDM QPSK	1	1	18.31	18.31	18.30	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				504204	518598	532998	
50MHz	DFT-s-OFDM QPSK	1	1	18.25	18.31	18.28	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				503202	518598	534000	
40MHz	DFT-s-OFDM QPSK	1	1	18.27	18.25	18.25	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				502200	518598	534996	
30MHz	DFT-s-OFDM QPSK	1	1	18.28	18.29	18.30	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				501204	518598	535998	
20MHz	DFT-s-OFDM QPSK	1	1	18.26	18.27	18.22	19.50

N41 DS14				Conducted Power(dBm)			
SCS 30kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				509202	518598	528000	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	20.23	20.20	20.23	21.50
		1	137	20.23	20.21	20.22	21.50
		1	271	20.19	20.27	20.27	21.50

				502200	518598	534996	
30MHz	DFT-s-OFDM QPSK	1	1	19.78	19.72	19.78	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				501204	518598	535998	
20MHz	DFT-s-OFDM QPSK	1	1	19.78	19.71	19.75	21.50

N66 Default&DS1&4&5				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				346000	349000	352000	
40MHz	DFT-s-OFDM PI/2 BPSK	1	1	19.12	19.14	19.13	20.50
		1	108	19.26	18.85	18.89	20.50
		1	214	18.62	18.57	18.71	20.50
		108	0	18.09	18.01	18.11	19.50
		108	54	19.27	19.02	19.08	20.50
		108	108	17.96	18.03	18.08	19.50
	DFT-s-OFDM QPSK	1	1	19.32	19.53	19.46	20.50
		1	108	19.17	19.09	19.09	20.50
		1	214	18.84	18.70	18.68	20.50
		108	0	18.01	17.87	17.94	19.50
		108	54	19.36	19.42	19.36	20.50
		108	108	17.94	17.86	18.24	19.50
	DFT-s-OFDM 16QAM	1	1	18.07	18.35	18.12	19.50
		1	1	17.14	16.98	16.94	18.00
		1	1	15.31	15.54	15.18	16.00
		1	1	15.31	15.54	15.18	16.00
		1	1	15.31	15.54	15.18	16.00
	1	1	15.31	15.54	15.18	16.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				346000	349000	352000	
40MHz	CP-OFDM QPSK	1	1	17.14	17.01	16.92	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				345000	349000	353000	
30MHz	DFT-s-OFDM QPSK	1	1	19.31	19.30	19.40	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				344000	349000	354000	
20MHz	DFT-s-OFDM QPSK	1	1	19.31	19.33	19.33	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				343500	349000	354500	
15MHz	DFT-s-OFDM QPSK	1	1	19.40	19.31	19.39	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				343000	349000	355000	



10MHz	DFT-s-OFDM QPSK	1	1	19.37	19.40	19.30	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				342500	349000	355500	
5MHz	DFT-s-OFDM QPSK	1	1	19.38	19.31	19.32	20.50

9.4 Conducted Power of NR Antenna (Ant3)

N7 Default				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				504000	507000	510000	
40MHz	DFT-s-OFDM PI/2 BPSK	1	1	24.51	24.58	24.59	25.50
		1	108	24.46	24.41	24.40	25.50
		1	214	24.02	24.05	24.19	25.50
		108	0	23.49	23.46	23.59	24.50
		108	54	24.51	24.52	24.48	25.50
		108	108	23.56	23.51	23.49	24.50
		216	0	23.49	23.52	23.42	24.50
	DFT-s-OFDM QPSK	1	1	24.65	24.76	24.67	25.50
		1	108	24.58	24.35	24.60	25.50
		1	214	24.19	24.11	24.09	25.50
		108	0	23.29	23.34	23.46	24.50
		108	54	24.46	24.75	24.61	25.50
		108	108	23.42	23.33	23.51	24.50
		216	0	23.59	23.65	23.61	24.50
	DFT-s-OFDM 16QAM	1	1	23.65	23.54	23.50	24.50
	DFT-s-OFDM 64QAM	1	1	22.61	22.47	22.46	23.00
	DFT-s-OFDM 256QAM	1	1	20.71	20.63	20.59	21.00
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
40MHz	CP-OFDM QPSK	1	1	503000	507000	511000	23.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	503000	507000	511000	25.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
25MHz	DFT-s-OFDM QPSK	1	1	502500	507000	511500	25.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	502000	507000	512000	25.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	501500	507000	512500	25.50

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				501000	507000	513000	
10MHz	DFT-s-OFDM QPSK	1	1	24.65	24.74	24.76	25.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				500500	507000	513500	
5MHz	DFT-s-OFDM QPSK	1	1	24.71	24.74	24.72	25.50

N7 DSI1&5				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				504000	507000	510000	
40MHz	DFT-s-OFDM PI/2 BPSK	1	1	18.17	18.24	18.23	19.00
		1	108	18.22	18.23	18.21	19.00
		1	214	18.21	18.25	18.26	19.00
		108	0	18.19	18.21	18.22	19.00
		108	54	18.20	18.16	18.18	19.00
		108	108	18.24	18.18	18.16	19.00
		216	0	18.21	18.21	18.15	19.00
	DFT-s-OFDM QPSK	1	1	18.36	18.48	18.20	19.00
		1	108	18.16	18.19	18.18	19.00
		1	214	18.21	18.16	18.17	19.00
		108	0	18.16	18.20	18.16	19.00
		108	54	18.34	18.41	18.23	19.00
		108	108	18.25	18.26	18.20	19.00
	DFT-s-OFDM 16QAM	1	1	18.19	18.30	18.18	19.00
		1	1	18.20	18.22	18.22	19.00
		1	1	18.20	18.16	18.21	19.00
	DFT-s-OFDM 64QAM	1	1	18.19	18.26	18.23	19.00
		1	1	18.19	18.26	18.23	19.00
	DFT-s-OFDM 256QAM	1	1	18.19	18.26	18.23	19.00
		1	1	18.19	18.26	18.23	19.00
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
503000					507000	511000	
40MHz	CP-OFDM QPSK	1	1	18.47	18.42	18.42	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				503000	507000	511000	
30MHz	DFT-s-OFDM QPSK	1	1	18.38	18.46	18.32	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				502500	507000	511500	



25MHz	DFT-s-OFDM QPSK	1	1	18.41	18.43	18.36	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				502000	507000	512000	
20MHz	DFT-s-OFDM QPSK	1	1	18.32	18.33	18.36	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				501500	507000	512500	
15MHz	DFT-s-OFDM QPSK	1	1	18.37	18.48	18.35	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				501000	507000	513000	
10MHz	DFT-s-OFDM QPSK	1	1	18.47	18.44	18.33	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				500500	507000	513500	
5MHz	DFT-s-OFDM QPSK	1	1	18.45	18.41	18.46	19.00

N7 DSI3				Conducted Power(dBm)				
SCS 15kHz								
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				504000	507000	510000		
40MHz	DFT-s-OFDM PI/2 BPSK	1	1	19.65	19.66	19.75	20.50	
		1	108	19.69	19.76	19.65	20.50	
		1	214	19.76	19.67	19.74	20.50	
		108	0	19.70	19.66	19.69	20.50	
		108	54	19.75	19.74	19.68	20.50	
		108	108	19.73	19.70	19.73	20.50	
		216	0	19.70	19.73	19.70	20.50	
	DFT-s-OFDM QPSK	1	1	19.72	19.93	19.71	20.50	
		1	108	19.71	19.65	19.70	20.50	
		1	214	19.66	19.70	19.66	20.50	
		108	0	19.72	19.68	19.66	20.50	
		108	54	19.79	19.88	19.75	20.50	
		108	108	19.66	19.75	19.66	20.50	
		216	0	19.69	19.77	19.65	20.50	
	DFT-s-OFDM 16QAM	1	1	19.66	19.72	19.75	20.50	
	DFT-s-OFDM 64QAM	1	1	19.74	19.76	19.66	20.50	
	DFT-s-OFDM 256QAM	1	1	19.74	19.66	19.72	20.50	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					503000	507000	511000	

40MHz	CP-OFDM QPSK	1	1	19.69	19.69	19.72	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				503000	507000	511000	
30MHz	DFT-s-OFDM QPSK	1	1	19.49	19.60	19.57	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				502500	507000	511500	
25MHz	DFT-s-OFDM QPSK	1	1	19.57	19.58	19.53	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				502000	507000	512000	
20MHz	DFT-s-OFDM QPSK	1	1	19.60	19.52	19.52	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				501500	507000	512500	
15MHz	DFT-s-OFDM QPSK	1	1	19.49	19.56	19.55	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				501000	507000	513000	
10MHz	DFT-s-OFDM QPSK	1	1	19.53	19.52	19.61	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				500500	507000	513500	
5MHz	DFT-s-OFDM QPSK	1	1	19.49	19.56	19.61	20.50

N7 DSI4				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				504000	507000	510000	
40MHz	DFT-s-OFDM PI/2 BPSK	1	1	24.51	24.58	24.59	25.50
		1	108	24.46	24.41	24.40	25.50
		1	214	24.02	24.05	24.19	25.50
		108	0	23.49	23.46	23.59	24.50
		108	54	24.51	24.52	24.48	25.50
		108	108	23.56	23.51	23.49	24.50
		216	0	23.49	23.52	23.42	24.50
	DFT-s-OFDM QPSK	1	1	24.65	24.76	24.67	25.50
		1	108	24.58	24.35	24.60	25.50
		1	214	24.19	24.11	24.09	25.50
		108	0	23.29	23.34	23.46	24.50
		108	54	24.46	24.75	24.61	25.50
		108	108	23.42	23.33	23.51	24.50



		216	0	23.59	23.65	23.61	24.50
	DFT-s-OFDM 16QAM	1	1	23.65	23.54	23.50	24.50
	DFT-s-OFDM 64QAM	1	1	22.61	22.47	22.46	23.00
	DFT-s-OFDM 256QAM	1	1	20.71	20.63	20.59	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				503000	507000	511000	
40MHz	CP-OFDM QPSK	1	1	22.59	22.56	22.40	23.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				503000	507000	511000	
30MHz	DFT-s-OFDM QPSK	1	1	24.71	24.72	24.63	25.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				502500	507000	511500	
25MHz	DFT-s-OFDM QPSK	1	1	24.66	24.76	24.73	25.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				502000	507000	512000	
20MHz	DFT-s-OFDM QPSK	1	1	24.68	24.73	24.67	25.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				501500	507000	512500	
15MHz	DFT-s-OFDM QPSK	1	1	24.65	24.64	24.76	25.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				501000	507000	513000	
10MHz	DFT-s-OFDM QPSK	1	1	24.65	24.74	24.76	25.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				500500	507000	513500	
5MHz	DFT-s-OFDM QPSK	1	1	24.71	24.74	24.72	25.50

N38 Default				Conducted Power(dBm)			
SCS 30kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				518000	519000	520000	
40MHz	DFT-s-OFDM PI/2 BPSK	1	1	23.70	23.74	23.59	25.50
		1	108	23.65	23.78	23.72	25.50
		1	214	23.80	23.57	23.61	25.50
		108	0	23.48	23.52	23.52	24.50
		108	54	24.54	24.49	24.43	25.50

		108	108	23.60	23.55	23.42	24.50
		216	0	23.57	23.41	23.43	24.50
	DFT-s-OFDM QPSK	1	1	23.81	23.93	23.88	25.50
		1	108	23.66	23.63	23.63	25.50
		1	214	23.68	23.57	23.74	25.50
		108	0	23.75	23.79	23.45	24.50
		108	54	23.76	23.89	23.81	25.50
		108	108	23.44	23.42	23.63	24.50
		216	0	23.56	23.62	23.64	24.50
	DFT-s-OFDM 16QAM	1	1	23.50	23.58	23.52	24.50
DFT-s-OFDM 64QAM	1	1	22.51	22.51	22.47	23.00	
DFT-s-OFDM 256QAM	1	1	20.67	21.00	20.71	21.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				518000	519000	520000	
40MHz	CP-OFDM QPSK	1	1	21.80	21.72	21.81	23.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				517000	519000	521000	
30MHz	DFT-s-OFDM QPSK	1	1	23.84	23.91	23.85	25.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				516000	519000	522000	
20MHz	DFT-s-OFDM QPSK	1	1	23.88	23.83	23.89	25.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				515500	519000	522500	
15MHz	DFT-s-OFDM QPSK	1	1	23.84	23.91	23.84	25.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				515000	519000	523000	
10MHz	DFT-s-OFDM QPSK	1	1	23.84	23.87	23.83	25.50

N38 DS11&5				Conducted Power(dBm)			
SCS 30kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				518000	519000	520000	
40MHz	DFT-s-OFDM PI/2 BPSK	1	1	16.76	16.72	16.73	17.50
		1	108	16.75	16.69	16.69	17.50
		1	214	16.72	16.68	16.71	17.50
		108	0	16.66	16.69	16.65	17.50

		108	54	16.72	16.71	16.72	17.50
		108	108	16.72	16.72	16.66	17.50
		216	0	16.68	16.75	16.75	17.50
	DFT-s-OFDM QPSK	1	1	16.68	16.76	16.73	17.50
		1	108	16.70	16.67	16.66	17.50
		1	214	16.75	16.73	16.70	17.50
		108	0	16.74	16.65	16.73	17.50
		108	54	16.71	16.74	16.71	17.50
		108	108	16.70	16.69	16.67	17.50
		216	0	16.69	16.72	16.71	17.50
	DFT-s-OFDM 16QAM	1	1	16.69	16.71	16.68	17.50
	DFT-s-OFDM 64QAM	1	1	16.68	16.70	16.67	17.50
	DFT-s-OFDM 256QAM	1	1	16.67	16.74	16.69	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				518000	519000	520000	
40MHz	CP-OFDM QPSK	1	1	16.68	16.72	16.73	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				517000	519000	521000	
30MHz	DFT-s-OFDM QPSK	1	1	16.67	16.67	16.66	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				516000	519000	522000	
20MHz	DFT-s-OFDM QPSK	1	1	16.70	16.69	16.68	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				516000	519000	522000	
15MHz	DFT-s-OFDM QPSK	1	1	16.41	16.41	16.50	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				516000	519000	522000	
10MHz	DFT-s-OFDM QPSK	1	1	16.56	16.43	16.46	17.50

N38 DSI3				Conducted Power(dBm)			
SCS 30kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				518000	519000	520000	
40MHz	DFT-s-OFDM PI/2 BPSK	1	1	19.27	19.33	19.32	20.00
		1	108	19.30	19.31	19.34	20.00
		1	214	19.33	19.31	19.34	20.00

		108	0	19.34	19.33	19.33	20.00
		108	54	19.32	19.35	19.30	20.00
		108	108	19.28	19.27	19.33	20.00
		216	0	19.33	19.30	19.27	20.00
	DFT-s-OFDM QPSK	1	1	19.34	19.35	19.28	20.00
		1	108	19.26	19.26	19.26	20.00
		1	214	19.26	19.32	19.26	20.00
		108	0	19.34	19.29	19.31	20.00
		108	54	19.32	19.34	19.27	20.00
		108	108	19.26	19.26	19.32	20.00
		216	0	19.33	19.30	19.23	20.00
		DFT-s-OFDM 16QAM	1	1	19.32	19.28	19.28
	DFT-s-OFDM 64QAM	1	1	19.35	19.32	19.30	20.00
DFT-s-OFDM 256QAM	1	1	19.26	19.34	19.31	20.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				518000	519000	520000	
40MHz	CP-OFDM QPSK	1	1	19.29	19.25	19.27	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				517000	519000	521000	
30MHz	DFT-s-OFDM QPSK	1	1	19.29	19.26	19.31	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				516000	519000	522000	
20MHz	DFT-s-OFDM QPSK	1	1	19.32	19.27	19.27	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				515500	519000	522500	
15MHz	DFT-s-OFDM QPSK	1	1	19.32	19.27	19.27	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				515000	519000	523000	
10MHz	DFT-s-OFDM QPSK	1	1	19.32	19.27	19.27	20.00

N38 DS14				Conducted Power(dBm)			
SCS 30kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				518000	519000	520000	
40MHz	DFT-s-OFDM PI/2 BPSK	1	1	23.70	23.74	23.59	25.50
		1	108	23.65	23.78	23.72	25.50

		1	214	23.80	23.57	23.61	25.50
		108	0	23.48	23.52	23.52	24.50
		108	54	24.54	24.49	24.43	25.50
		108	108	23.60	23.55	23.42	24.50
		216	0	23.57	23.41	23.43	24.50
	DFT-s-OFDM QPSK	1	1	23.81	23.93	23.88	25.50
		1	108	23.66	23.63	23.63	25.50
		1	214	23.68	23.57	23.74	25.50
		108	0	23.75	23.79	23.45	24.50
		108	54	23.76	23.89	23.81	25.50
		108	108	23.44	23.42	23.63	24.50
	DFT-s-OFDM 16QAM	1	1	23.50	23.58	23.52	24.50
	DFT-s-OFDM 64QAM	1	1	22.51	22.51	22.47	23.00
	DFT-s-OFDM 256QAM	1	1	20.67	21.00	20.71	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				518000	519000	520000	
40MHz	CP-OFDM QPSK	1	1	21.80	21.72	21.81	23.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				517000	519000	521000	
30MHz	DFT-s-OFDM QPSK	1	1	23.84	23.91	23.85	25.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				516000	519000	522000	
20MHz	DFT-s-OFDM QPSK	1	1	23.88	23.83	23.89	25.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				515500	519000	522500	
15MHz	DFT-s-OFDM QPSK	1	1	23.84	23.91	23.84	25.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				515000	519000	523000	
10MHz	DFT-s-OFDM QPSK	1	1	23.84	23.87	23.83	25.50

N41 Default				Conducted Power(dBm)			
SCS 30kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				509202	518598	528000	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	23.90	23.95	23.94	25.50
		1	137	23.87	23.93	23.90	25.50

		1	271	23.92	23.89	23.95	25.50
		135	0	23.94	23.96	23.96	24.50
		135	69	23.88	23.88	23.88	25.50
		135	138	23.89	23.92	23.86	24.50
		270	0	23.88	23.95	23.91	24.50
	DFT-s-OFDM QPSK	1	1	23.92	23.99	23.95	25.50
		1	137	23.91	23.90	23.92	25.50
		1	271	23.86	23.88	23.90	25.50
		135	0	23.91	23.94	23.93	24.50
		135	69	23.96	23.98	23.94	25.50
		135	138	23.93	23.87	23.91	24.50
	DFT-s-OFDM 16QAM	1	1	23.87	23.90	23.87	24.50
		1	1	21.67	21.47	21.54	23.00
1		1	20.17	20.18	20.07	21.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				509202	518598	528000	
100MHz	CP-OFDM QPSK	1	1	21.63	21.58	21.62	23.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				508200	518598	528996	
90MHz	DFT-s-OFDM QPSK	1	1	23.68	23.74	23.71	25.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				507204	518598	529998	
80MHz	DFT-s-OFDM QPSK	1	1	23.67	23.73	23.70	25.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				506202	518598	531000	
70MHz	DFT-s-OFDM QPSK	1	1	23.67	23.71	23.73	25.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				505200	518598	531996	
60MHz	DFT-s-OFDM QPSK	1	1	23.72	23.71	23.71	25.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				504204	518598	532998	
50MHz	DFT-s-OFDM QPSK	1	1	23.68	23.66	23.68	25.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				503202	518598	534000	
40MHz	DFT-s-OFDM QPSK	1	1	23.72	23.73	23.75	25.50

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				502200	518598	534996	
30MHz	DFT-s-OFDM QPSK	1	1	23.68	23.73	23.74	25.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				501204	518598	535998	
20MHz	DFT-s-OFDM QPSK	1	1	23.66	23.70	23.69	25.50

N41 DSI1&5				Conducted Power(dBm)			
SCS 30kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				509202	518598	528000	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	16.64	16.64	16.56	17.50
		1	137	16.62	16.58	16.62	17.50
		1	271	16.65	16.56	16.56	17.50
		135	0	16.56	16.58	16.62	17.50
		135	69	16.56	16.66	16.60	17.50
		135	138	16.64	16.58	16.60	17.50
	DFT-s-OFDM QPSK	270	0	16.56	16.63	16.55	17.50
		1	1	16.63	16.81	16.68	17.50
		1	137	16.61	16.57	16.63	17.50
		1	271	16.56	16.65	16.65	17.50
		135	0	16.65	16.66	16.64	17.50
		135	69	16.71	16.78	16.69	17.50
	DFT-s-OFDM 16QAM	135	138	16.58	16.65	16.58	17.50
		270	0	16.65	16.68	16.62	17.50
		1	1	16.56	16.62	16.65	17.50
	DFT-s-OFDM 64QAM	1	1	16.57	16.60	16.55	17.50
	DFT-s-OFDM 256QAM	1	1	16.58	16.60	16.56	17.50
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
509202					518598	528000	
100MHz	CP-OFDM QPSK	1	1	16.47	16.47	16.54	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				508200	518598	528996	
90MHz	DFT-s-OFDM QPSK	1	1	16.47	16.49	16.55	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				507204	518598	529998	

80MHz	DFT-s-OFDM QPSK	1	1	16.55	16.50	16.50	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				506202	518598	531000	
70MHz	DFT-s-OFDM QPSK	1	1	16.50	16.50	16.60	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				505200	518598	531996	
60MHz	DFT-s-OFDM QPSK	1	1	16.51	16.49	16.51	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				504204	518598	532998	
50MHz	DFT-s-OFDM QPSK	1	1	16.53	16.44	16.49	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				503202	518598	534000	
40MHz	DFT-s-OFDM QPSK	1	1	16.56	16.49	16.53	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				502200	518598	534996	
30MHz	DFT-s-OFDM QPSK	1	1	16.49	16.41	16.53	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				501204	518598	535998	
20MHz	DFT-s-OFDM QPSK	1	1	16.58	16.41	16.55	17.50

N41 DS13				Conducted Power(dBm)			
SCS 30kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				509202	518598	528000	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	19.20	19.22	19.24	20.00
		1	137	19.26	19.18	19.19	20.00
		1	271	19.25	19.20	19.24	20.00
		135	0	19.23	19.20	19.16	20.00
		135	69	19.18	19.21	19.24	20.00
		135	138	19.23	19.22	19.16	20.00
		270	0	19.24	19.25	19.20	20.00
	DFT-s-OFDM QPSK	1	1	19.25	19.36	19.26	20.00
		1	137	19.22	19.18	19.16	20.00
		1	271	19.17	19.18	19.23	20.00
		135	0	19.24	19.24	19.21	20.00
		135	69	19.29	19.31	19.23	20.00
		135	138	19.21	19.26	19.18	20.00

		270	0	19.24	19.27	19.21	20.00
	DFT-s-OFDM 16QAM	1	1	19.22	19.17	19.24	20.00
	DFT-s-OFDM 64QAM	1	1	19.25	19.24	19.23	20.00
	DFT-s-OFDM 256QAM	1	1	19.17	19.23	19.17	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				509202	518598	528000	
100MHz	CP-OFDM QPSK	1	1	19.18	19.22	19.16	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				508200	518598	528996	
90MHz	DFT-s-OFDM QPSK	1	1	19.23	19.21	19.25	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				507204	518598	529998	
80MHz	DFT-s-OFDM QPSK	1	1	19.26	19.25	19.24	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				506202	518598	531000	
70MHz	DFT-s-OFDM QPSK	1	1	19.21	19.25	19.21	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				505200	518598	531996	
60MHz	DFT-s-OFDM QPSK	1	1	19.16	19.23	19.22	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				504204	518598	532998	
50MHz	DFT-s-OFDM QPSK	1	1	19.23	19.26	19.25	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				503202	518598	534000	
40MHz	DFT-s-OFDM QPSK	1	1	19.22	19.20	19.25	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				502200	518598	534996	
30MHz	DFT-s-OFDM QPSK	1	1	19.23	19.18	19.23	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				501204	518598	535998	
20MHz	DFT-s-OFDM QPSK	1	1	19.25	19.20	19.16	20.00

N41 DSI4				Conducted Power(dBm)			
SCS 30kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				509202	518598	528000	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	23.90	23.95	23.94	25.50
		1	137	23.87	23.93	23.90	25.50
		1	271	23.92	23.89	23.95	25.50
		135	0	23.94	23.96	23.96	24.50
		135	69	23.88	23.88	23.88	25.50
		135	138	23.89	23.92	23.86	24.50
		270	0	23.88	23.95	23.91	24.50
	DFT-s-OFDM QPSK	1	1	23.92	23.99	23.95	25.50
		1	137	23.91	23.90	23.92	25.50
		1	271	23.86	23.88	23.90	25.50
		135	0	23.91	23.94	23.93	24.50
		135	69	23.96	23.98	23.94	25.50
		135	138	23.93	23.87	23.91	24.50
	DFT-s-OFDM 16QAM	1	1	23.87	23.90	23.87	24.50
		1	1	21.67	21.47	21.54	23.00
		1	1	20.17	20.18	20.07	21.00
		1	1	20.17	20.18	20.07	21.00
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
100MHz	CP-OFDM QPSK	1	1	509202	518598	528000	23.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
90MHz	DFT-s-OFDM QPSK	1	1	508200	518598	528996	25.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
80MHz	DFT-s-OFDM QPSK	1	1	507204	518598	529998	25.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
70MHz	DFT-s-OFDM QPSK	1	1	506202	518598	531000	25.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
60MHz	DFT-s-OFDM QPSK	1	1	505200	518598	531996	25.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
60MHz	DFT-s-OFDM QPSK	1	1	23.72	23.71	23.71	25.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up



				504204	518598	532998	
50MHz	DFT-s-OFDM QPSK	1	1	23.68	23.66	23.68	25.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				503202	518598	534000	
40MHz	DFT-s-OFDM QPSK	1	1	23.72	23.73	23.75	25.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				502200	518598	534996	
30MHz	DFT-s-OFDM QPSK	1	1	23.68	23.73	23.74	25.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				501204	518598	535998	
20MHz	DFT-s-OFDM QPSK	1	1	23.66	23.70	23.69	25.50

N66 Default				Conducted Power(dBm)				
SCS 15kHz								
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				346000	349000	352000		
40MHz	DFT-s-OFDM PI/2 BPSK	1	1	23.61	23.58	23.61	24.50	
		1	108	23.51	23.43	23.38	24.50	
		1	214	23.08	22.98	23.18	24.50	
		108	0	22.45	22.53	22.65	23.50	
		108	54	23.53	23.47	23.45	24.50	
		108	108	22.61	22.51	22.52	23.50	
		216	0	22.54	22.42	22.44	23.50	
	DFT-s-OFDM QPSK	1	1	23.59	23.75	23.59	24.50	
		1	108	23.44	23.39	23.51	24.50	
		1	214	23.23	23.06	23.10	24.50	
		108	0	22.41	22.40	22.41	23.50	
		108	54	23.56	23.73	23.54	24.50	
		108	108	22.50	22.35	22.54	23.50	
		216	0	22.54	22.63	22.64	23.50	
	DFT-s-OFDM 16QAM	1	1	22.58	22.56	22.63	23.50	
	DFT-s-OFDM 64QAM	1	1	21.61	21.47	21.46	22.00	
	DFT-s-OFDM 256QAM	1	1	19.70	19.69	19.67	20.00	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					346000	349000	352000	

40MHz	CP-OFDM QPSK	1	1	21.59	21.54	21.35	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				345000	349000	353000	
30MHz	DFT-s-OFDM QPSK	1	1	23.62	23.52	23.50	24.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				344000	349000	354000	
20MHz	DFT-s-OFDM QPSK	1	1	23.59	23.63	23.47	24.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				343500	349000	354500	
15MHz	DFT-s-OFDM QPSK	1	1	23.49	23.58	23.41	24.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				343000	349000	355000	
10MHz	DFT-s-OFDM QPSK	1	1	23.63	23.57	23.54	24.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				342500	349000	355500	
5MHz	DFT-s-OFDM QPSK	1	1	23.59	23.42	23.62	24.50

N66 DS11&5				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				346000	349000	352000	
40MHz	DFT-s-OFDM PI/2 BPSK	1	1	18.26	18.26	18.17	19.00
		1	108	18.25	18.25	18.24	19.00
		1	214	18.24	18.25	18.25	19.00
		108	0	18.15	18.25	18.21	19.00
		108	54	18.21	18.23	18.24	19.00
		108	108	18.16	18.16	18.17	19.00
	DFT-s-OFDM QPSK	216	0	18.21	18.16	18.21	19.00
		1	1	18.31	18.37	18.34	19.00
		1	108	18.20	18.20	18.22	19.00
		1	214	18.24	18.22	18.25	19.00
		108	0	18.25	18.24	18.19	19.00

		108	54	18.28	18.36	18.29	19.00
		108	108	18.17	18.23	18.21	19.00
		216	0	18.17	18.32	18.17	19.00
	DFT-s-OFDM 16QAM	1	1	18.21	18.23	18.21	19.00
	DFT-s-OFDM 64QAM	1	1	18.20	18.20	18.21	19.00
	DFT-s-OFDM 256QAM	1	1	18.15	18.19	18.20	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				346000	349000	352000	
40MHz	CP-OFDM QPSK	1	1	18.11	18.11	18.08	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				345000	349000	353000	
30MHz	DFT-s-OFDM QPSK	1	1	18.07	18.18	18.07	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				344000	349000	354000	
20MHz	DFT-s-OFDM QPSK	1	1	18.19	18.15	18.04	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				343500	349000	354500	
15MHz	DFT-s-OFDM QPSK	1	1	18.10	18.03	18.10	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				343000	349000	355000	
10MHz	DFT-s-OFDM QPSK	1	1	18.08	18.10	18.14	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				342500	349000	355500	
5MHz	DFT-s-OFDM QPSK	1	1	18.14	18.15	18.08	19.00

N66 DSI3				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				346000	349000	352000	
40MHz	DFT-s-OFDM PI/2 BPSK	1	1	20.70	20.70	20.69	21.50
		1	108	20.67	20.69	20.66	21.50
		1	214	20.74	20.69	20.71	21.50
		108	0	20.71	20.76	20.73	21.50
		108	54	20.73	20.71	20.70	21.50
		108	108	20.70	20.75	20.65	21.50
		216	0	20.65	20.65	20.70	21.50

	DFT-s-OFDM QPSK	1	1	20.78	20.89	20.73	21.50
		1	108	20.76	20.69	20.68	21.50
		1	214	20.68	20.75	20.70	21.50
		108	0	20.67	20.73	20.75	21.50
		108	54	20.77	20.86	20.76	21.50
		108	108	20.75	20.76	20.71	21.50
	DFT-s-OFDM 16QAM	1	1	20.68	20.72	20.67	21.50
	DFT-s-OFDM 64QAM	1	1	20.75	20.71	20.73	21.50
	DFT-s-OFDM 256QAM	1	1	19.70	19.69	19.67	20.00
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				346000	349000	352000	
40MHz	CP-OFDM QPSK	1	1	20.56	20.71	20.56	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				345000	349000	353000	
30MHz	DFT-s-OFDM QPSK	1	1	20.53	20.66	20.80	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				344000	349000	354000	
20MHz	DFT-s-OFDM QPSK	1	1	20.62	20.64	20.80	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				343500	349000	354500	
15MHz	DFT-s-OFDM QPSK	1	1	20.75	20.59	20.66	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				343000	349000	355000	
10MHz	DFT-s-OFDM QPSK	1	1	20.61	20.65	20.53	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				342500	349000	355500	
5MHz	DFT-s-OFDM QPSK	1	1	20.58	20.54	20.70	21.50

N66 DSI4				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				346000	349000	352000	
40MHz	DFT-s-OFDM PI/2 BPSK	1	1	23.61	23.58	23.61	24.50
		1	108	23.51	23.43	23.38	24.50
		1	214	23.08	22.98	23.18	24.50

		108	0	22.45	22.53	22.65	23.50
		108	54	23.53	23.47	23.45	24.50
		108	108	22.61	22.51	22.52	23.50
		216	0	22.54	22.42	22.44	23.50
	DFT-s-OFDM QPSK	1	1	23.59	23.75	23.59	24.50
		1	108	23.44	23.39	23.51	24.50
		1	214	23.23	23.06	23.10	24.50
		108	0	22.41	22.40	22.41	23.50
		108	54	23.56	23.73	23.54	24.50
		108	108	22.50	22.35	22.54	23.50
		216	0	22.54	22.63	22.64	23.50
	DFT-s-OFDM 16QAM	1	1	22.58	22.56	22.63	23.50
	DFT-s-OFDM 64QAM	1	1	21.61	21.47	21.46	22.00
DFT-s-OFDM 256QAM	1	1	19.70	19.69	19.67	20.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				346000	349000	352000	
40MHz	CP-OFDM QPSK	1	1	21.59	21.54	21.35	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				345000	349000	353000	
30MHz	DFT-s-OFDM QPSK	1	1	23.62	23.52	23.50	24.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				344000	349000	354000	
20MHz	DFT-s-OFDM QPSK	1	1	23.59	23.63	23.47	24.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				343500	349000	354500	
15MHz	DFT-s-OFDM QPSK	1	1	23.49	23.58	23.41	24.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				343000	349000	355000	
10MHz	DFT-s-OFDM QPSK	1	1	23.63	23.57	23.54	24.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				342500	349000	355500	
5MHz	DFT-s-OFDM QPSK	1	1	23.59	23.42	23.62	24.50

9.5 Conducted Power of NR Antenna (Ant4)

N7 Default & DSI1&4				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				504000	507000	510000	
40MHz	DFT-s-OFDM PI/2 BPSK	1	1	24.87	24.79	24.95	25.70
		1	108	24.85	24.76	24.74	25.70
		1	214	24.34	24.35	24.36	25.70
		108	0	23.87	23.77	23.83	24.70
		108	54	24.82	24.81	24.73	25.70
		108	108	23.79	23.80	23.73	24.70
		216	0	23.85	23.79	23.74	24.70
	DFT-s-OFDM QPSK	1	1	24.90	24.97	24.89	25.70
		1	108	24.81	24.74	24.87	25.70
		1	214	24.45	24.47	24.41	25.70
		108	0	23.68	23.65	23.70	24.70
		108	54	24.87	24.95	24.84	25.70
		108	108	23.76	23.67	23.87	24.70
		216	0	23.87	23.91	23.89	24.70
	DFT-s-OFDM 16QAM	1	1	23.85	23.89	23.87	24.70
	DFT-s-OFDM 64QAM	1	1	22.82	22.77	22.64	23.20
	DFT-s-OFDM 256QAM	1	1	21.08	21.06	20.93	21.20
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
40MHz	CP-OFDM QPSK	1	1	503000	507000	511000	23.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	503000	507000	511000	25.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
25MHz	DFT-s-OFDM QPSK	1	1	502500	507000	511500	25.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	502000	507000	512000	25.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	501500	507000	512500	25.70

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				501000	507000	513000	
10MHz	DFT-s-OFDM QPSK	1	1	24.91	24.89	24.91	25.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				500500	507000	513500	
5MHz	DFT-s-OFDM QPSK	1	1	24.85	24.78	24.83	25.70

N7 DSI3&5				Conducted Power(dBm)				
SCS 15kHz								
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				504000	507000	510000		
40MHz	DFT-s-OFDM PI/2 BPSK	1	1	20.04	20.06	20.06	20.70	
		1	108	20.04	20.02	20.04	20.70	
		1	214	20.06	20.06	20.07	20.70	
		108	0	20.07	20.03	20.06	20.70	
		108	54	20.04	20.09	20.07	20.70	
		108	108	20.02	20.02	20.09	20.70	
		216	0	20.11	20.01	20.07	20.70	
	DFT-s-OFDM QPSK	1	1	20.11	20.23	20.09	20.70	
		1	108	20.09	20.07	20.05	20.70	
		1	214	20.06	20.08	20.06	20.70	
		108	0	20.01	20.12	20.06	20.70	
		108	54	20.14	20.21	20.11	20.70	
		108	108	20.11	20.09	20.09	20.70	
		216	0	20.09	20.08	20.09	20.70	
	DFT-s-OFDM 16QAM	1	1	20.03	20.11	20.08	20.70	
	DFT-s-OFDM 64QAM	1	1	20.05	20.07	20.03	20.70	
	DFT-s-OFDM 256QAM	1	1	20.01	20.05	20.07	20.70	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					503000	507000	511000	
	40MHz	CP-OFDM QPSK	1	1	20.03	20.06	20.08	20.70
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
503000					507000	511000		
30MHz	DFT-s-OFDM QPSK	1	1	20.05	20.21	20.09	20.70	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				502500	507000	511500		
25MHz	DFT-s-OFDM QPSK	1	1	20.20	20.17	20.16	20.70	



Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				502000	507000	512000	
20MHz	DFT-s-OFDM QPSK	1	1	20.11	20.06	20.21	20.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				501500	507000	512500	
15MHz	DFT-s-OFDM QPSK	1	1	20.14	20.12	20.12	20.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				501000	507000	513000	
10MHz	DFT-s-OFDM QPSK	1	1	20.10	20.08	20.12	20.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				500500	507000	513500	
5MHz	DFT-s-OFDM QPSK	1	1	20.03	20.09	20.15	20.70

N38 Default DSI1&4				Conducted Power(dBm)			
SCS 30kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				518000	519000	520000	
40MHz	DFT-s-OFDM PI/2 BPSK	1	1	24.64	24.63	24.70	25.70
		1	108	24.69	24.43	24.51	25.70
		1	214	24.19	24.08	24.21	25.70
		108	0	23.54	23.54	23.71	24.70
		108	54	24.58	24.65	24.51	25.70
		108	108	23.60	23.53	23.57	24.70
		216	0	23.65	23.53	23.63	24.70
	DFT-s-OFDM QPSK	1	1	24.68	24.84	24.72	25.70
		1	108	24.63	24.56	24.63	25.70
		1	214	24.21	24.23	24.24	25.70
		108	0	23.47	23.49	23.53	24.70
		108	54	24.55	24.77	24.73	25.70
		108	108	23.58	23.47	23.75	24.70
		216	0	23.67	23.78	23.75	24.70
	DFT-s-OFDM 16QAM	1	1	23.67	23.65	23.60	24.70
	DFT-s-OFDM 64QAM	1	1	22.69	22.54	22.50	23.20
	DFT-s-OFDM 256QAM	1	1	20.88	20.81	20.68	21.20
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
518000					519000	520000	

40MHz	CP-OFDM QPSK	1	1	22.89	22.87	22.68	23.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				517000	519000	521000	
30MHz	DFT-s-OFDM QPSK	1	1	24.40	24.34	24.37	25.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				516000	519000	522000	
20MHz	DFT-s-OFDM QPSK	1	1	24.40	24.33	24.47	25.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				516000	519000	522000	
15MHz	DFT-s-OFDM QPSK	1	1	24.49	24.52	24.47	25.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				516000	519000	522000	
10MHz	DFT-s-OFDM QPSK	1	1	24.50	24.41	24.50	25.70

N38 DSI3&5				Conducted Power(dBm)				
SCS 30kHz								
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				518000	519000	520000		
40MHz	DFT-s-OFDM PI/2 BPSK	1	1	19.76	19.73	19.72	20.20	
		1	108	19.73	19.71	19.81	20.20	
		1	214	19.75	19.80	19.79	20.20	
		108	0	19.73	19.80	19.74	20.20	
		108	54	19.82	19.76	19.77	20.20	
		108	108	19.75	19.72	19.74	20.20	
		216	0	19.72	19.74	19.72	20.20	
	DFT-s-OFDM QPSK	1	1	19.82	19.87	19.80	20.20	
		1	108	19.80	19.78	19.74	20.20	
		1	214	19.77	19.73	19.73	20.20	
		108	0	19.76	19.79	19.71	20.20	
		108	54	19.84	19.86	19.79	20.20	
		108	108	19.76	19.72	19.78	20.20	
		216	0	19.72	19.72	19.72	20.20	
	DFT-s-OFDM 16QAM	1	1	19.73	19.81	19.72	20.20	
	DFT-s-OFDM 64QAM	1	1	19.79	19.81	19.78	20.20	
	DFT-s-OFDM 256QAM	1	1	19.74	19.79	19.72	20.20	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up

				518000	519000	520000	
40MHz	CP-OFDM QPSK	1	1	19.74	19.78	19.78	20.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				517000	519000	521000	
30MHz	DFT-s-OFDM QPSK	1	1	19.75	19.74	19.77	20.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				516000	519000	522000	
20MHz	DFT-s-OFDM QPSK	1	1	19.79	19.73	19.76	20.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				516000	519000	522000	
15MHz	DFT-s-OFDM QPSK	1	1	19.67	19.83	19.76	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				516000	519000	522000	
10MHz	DFT-s-OFDM QPSK	1	1	19.75	19.83	19.77	17.50

N41 Default DSI1&4				Conducted Power(dBm)			
SCS 30kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				509202	518598	528000	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	24.72	24.78	24.79	25.70
		1	137	24.82	24.75	24.77	25.70
		1	271	24.75	24.78	24.71	25.70
		135	0	23.80	23.82	23.79	24.70
		135	69	24.79	24.76	24.76	25.70
		135	138	23.81	23.78	23.73	24.70
	DFT-s-OFDM QPSK	270	0	23.79	23.73	23.77	24.70
		1	1	24.79	24.89	24.76	25.70
		1	137	24.73	24.76	24.75	25.70
		1	271	24.78	24.78	24.72	25.70
		135	0	23.77	23.72	23.71	24.70
		135	69	24.79	24.82	24.74	25.70
	DFT-s-OFDM 16QAM	135	138	23.71	23.81	23.73	24.70
		270	0	23.72	23.75	23.74	24.70
		1	1	23.75	23.75	23.74	24.70
		1	1	22.43	22.41	22.51	23.20
		1	1	20.99	20.13	20.89	21.20
		DFT-s-OFDM 256QAM	1	1			



Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				509202	518598	528000	
100MHz	CP-OFDM QPSK	1	1	22.61	22.31	22.41	23.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				508200	518598	528996	
90MHz	DFT-s-OFDM QPSK	1	1	24.67	24.69	24.72	25.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				507204	518598	529998	
80MHz	DFT-s-OFDM QPSK	1	1	24.61	24.71	24.70	25.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				506202	518598	531000	
70MHz	DFT-s-OFDM QPSK	1	1	24.71	24.67	24.62	25.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				505200	518598	531996	
60MHz	DFT-s-OFDM QPSK	1	1	24.70	24.71	24.65	25.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				504204	518598	532998	
50MHz	DFT-s-OFDM QPSK	1	1	24.68	24.71	24.68	25.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				503202	518598	534000	
40MHz	DFT-s-OFDM QPSK	1	1	24.70	24.62	24.65	25.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				502200	518598	534996	
30MHz	DFT-s-OFDM QPSK	1	1	24.68	24.64	24.66	25.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				501204	518598	535998	
20MHz	DFT-s-OFDM QPSK	1	1	24.68	24.67	24.71	25.70

N41 DSI3&5				Conducted Power(dBm)			
SCS 30kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				509202	518598	528000	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	20.60	20.56	20.57	20.70
		1	137	20.57	20.58	20.53	20.70
		1	271	20.53	20.60	20.59	20.70
		135	0	20.62	20.52	20.55	20.70

		135	69	20.62	20.61	20.56	20.70
		135	138	20.61	20.52	20.60	20.70
		270	0	20.56	20.58	20.56	20.70
	DFT-s-OFDM QPSK	1	1	20.64	20.77	20.59	20.70
		1	137	20.61	20.60	20.57	20.70
		1	271	20.59	20.53	20.52	20.70
		135	0	20.57	20.56	20.58	20.70
		135	69	20.65	20.69	20.67	20.70
		135	138	20.62	20.53	20.62	20.70
		270	0	20.59	20.66	20.61	20.70
		DFT-s-OFDM 16QAM	1	1	20.60	20.58	20.58
	DFT-s-OFDM 64QAM	1	1	20.54	20.60	20.61	20.70
	DFT-s-OFDM 256QAM	1	1	20.57	20.59	20.58	20.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				509202	518598	528000	
100MHz	CP-OFDM QPSK	1	1	20.61	20.52	20.53	20.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				508200	518598	528996	
90MHz	DFT-s-OFDM QPSK	1	1	20.51	20.55	20.55	20.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				507204	518598	529998	
80MHz	DFT-s-OFDM QPSK	1	1	20.62	20.58	20.52	20.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				506202	518598	531000	
70MHz	DFT-s-OFDM QPSK	1	1	20.51	20.59	20.52	20.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				505200	518598	531996	
60MHz	DFT-s-OFDM QPSK	1	1	20.58	20.62	20.59	20.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				504204	518598	532998	
50MHz	DFT-s-OFDM QPSK	1	1	20.56	20.60	20.53	20.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				503202	518598	534000	
40MHz	DFT-s-OFDM QPSK	1	1	20.52	20.54	20.57	20.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				502200	518598	534996	

30MHz	DFT-s-OFDM QPSK	1	1	20.55	20.55	20.52	20.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				501204	518598	535998	
20MHz	DFT-s-OFDM QPSK	1	1	20.57	20.52	20.58	20.70

N66 Default DSI1&4				Conducted Power(dBm)				
SCS 15kHz								
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				346000	349000	352000		
40MHz	DFT-s-OFDM PI/2 BPSK	1	1	23.04	23.01	23.15	23.80	
		1	108	23.00	22.92	22.85	23.80	
		1	214	22.54	22.54	22.60	23.80	
		108	0	21.93	21.96	22.14	22.80	
		108	54	23.07	23.00	23.01	23.80	
		108	108	22.06	21.99	21.93	22.80	
		216	0	22.01	21.91	21.96	22.80	
	DFT-s-OFDM QPSK	1	1	23.22	23.29	23.17	23.80	
		1	108	23.14	22.92	23.03	23.80	
		1	214	22.72	22.56	22.62	23.80	
		108	0	21.85	21.91	21.93	22.80	
		108	54	23.17	23.28	23.15	23.80	
		108	108	22.02	21.84	22.03	22.80	
	DFT-s-OFDM 16QAM	1	1	22.03	22.10	22.12	22.80	
		1	1	21.12	21.03	20.92	21.30	
		1	1	19.22	19.20	19.14	19.30	
		1	1	19.22	19.20	19.14	19.30	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					346000	349000	352000	
	40MHz	CP-OFDM QPSK	1	1	21.05	20.98	20.87	21.30
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
345000					349000	353000		
30MHz	DFT-s-OFDM QPSK	1	1	23.11	23.02	23.18	23.80	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				344000	349000	354000		
20MHz	DFT-s-OFDM QPSK	1	1	23.17	23.15	23.18	23.80	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	



				343500	349000	354500	
15MHz	DFT-s-OFDM QPSK	1	1	23.23	23.26	23.09	23.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				343000	349000	355000	
10MHz	DFT-s-OFDM QPSK	1	1	23.06	23.19	23.14	23.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				342500	349000	355500	
5MHz	DFT-s-OFDM QPSK	1	1	23.15	23.05	23.22	23.80

N66 DS13&5				Conducted Power(dBm)				
SCS 15kHz								
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				346000	349000	352000		
40MHz	DFT-s-OFDM PI/2 BPSK	1	1	22.72	22.74	22.85	23.30	
		1	108	23.05	22.87	22.85	23.30	
		1	214	22.72	22.73	22.76	23.30	
		108	0	21.95	21.97	22.17	22.80	
		108	54	22.77	22.79	22.66	23.30	
		108	108	22.11	22.04	21.96	22.80	
		216	0	21.96	21.87	21.91	22.80	
	DFT-s-OFDM QPSK	1	1	22.76	22.94	22.81	23.30	
		1	108	22.70	22.82	22.80	23.30	
		1	214	22.74	22.81	22.70	23.30	
		108	0	21.84	21.88	21.97	22.80	
		108	54	22.76	22.87	22.74	23.30	
		108	108	21.97	21.88	22.04	22.80	
		216	0	22.06	22.11	22.19	22.80	
	DFT-s-OFDM 16QAM	1	1	22.01	22.05	22.15	22.80	
	DFT-s-OFDM 64QAM	1	1	21.08	21.00	20.89	21.30	
	DFT-s-OFDM 256QAM	1	1	19.25	19.18	19.15	19.30	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					346000	349000	352000	
	40MHz	CP-OFDM QPSK	1	1	21.01	21.02	20.81	20.80
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
345000					349000	353000		



30MHz	DFT-s-OFDM QPSK	1	1	22.85	22.74	22.80	23.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				344000	349000	354000	
20MHz	DFT-s-OFDM QPSK	1	1	22.82	22.70	22.79	23.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				343500	349000	354500	
15MHz	DFT-s-OFDM QPSK	1	1	22.75	22.74	22.79	23.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				343000	349000	355000	
10MHz	DFT-s-OFDM QPSK	1	1	22.75	22.84	22.64	23.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				342500	349000	355500	
5MHz	DFT-s-OFDM QPSK	1	1	22.76	22.85	22.71	23.30

9.6 Conducted Power of NR Antenna (Ant5)

N7 Default				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				504000	507000	510000	
40MHz	DFT-s-OFDM PI/2 BPSK	1	1	22.98	22.99	23.00	24.20
		1	108	22.88	22.74	22.76	24.20
		1	214	22.46	22.44	22.56	24.20
		108	0	21.93	21.91	22.02	23.20
		108	54	23.00	22.98	22.87	24.20
		108	108	21.96	21.84	21.82	23.20
		216	0	21.97	21.81	21.91	23.20
	DFT-s-OFDM QPSK	1	1	23.07	22.93	23.08	24.20
		1	108	23.01	22.76	22.91	24.20
		1	214	22.61	22.48	22.45	24.20
		108	0	21.79	21.69	21.74	23.20
		108	54	22.93	23.13	23.07	24.20
		108	108	21.82	21.74	21.99	23.20
	DFT-s-OFDM 16QAM	1	1	21.97	21.94	22.00	23.20
		DFT-s-OFDM 64QAM	1	1	20.92	20.89	20.78
DFT-s-OFDM 256QAM			1	1	19.06	19.46	19.07
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
40MHz	CP-OFDM QPSK	1	1	503000	507000	511000	21.70
				503000	507000	511000	
30MHz	DFT-s-OFDM QPSK	1	1	22.62	22.55	22.55	24.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
25MHz	DFT-s-OFDM QPSK	1	1	502500	507000	511500	24.20
				502500	507000	511500	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	502000	507000	512000	24.20
				502000	507000	512000	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	501500	507000	512500	24.20
				501500	507000	512500	

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				501000	507000	513000	
10MHz	DFT-s-OFDM QPSK	1	1	22.51	22.44	22.41	24.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				500500	507000	513500	
5MHz	DFT-s-OFDM QPSK	1	1	22.58	22.39	22.39	24.20

N7 DSI1&5				Conducted Power(dBm)				
SCS 15kHz								
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				504000	507000	510000		
40MHz	DFT-s-OFDM PI/2 BPSK	1	1	17.65	17.62	17.65	18.70	
		1	108	17.66	17.68	17.63	18.70	
		1	214	17.72	17.68	17.68	18.70	
		108	0	17.65	17.63	17.62	18.70	
		108	54	17.62	17.69	17.69	18.70	
		108	108	17.67	17.65	17.71	18.70	
		216	0	17.71	17.65	17.73	18.70	
	DFT-s-OFDM QPSK	1	1	17.83	17.93	17.86	18.70	
		1	108	17.69	17.71	17.65	18.70	
		1	214	17.71	17.62	17.68	18.70	
		108	0	17.62	17.64	17.63	18.70	
		108	54	17.85	17.91	17.84	18.70	
		108	108	17.72	17.69	17.63	18.70	
	DFT-s-OFDM 16QAM	1	1	17.71	17.76	17.65	18.70	
		1	1	17.62	17.66	17.70	18.70	
		1	1	17.65	17.69	17.69	18.70	
		1	1	17.65	17.67	17.72	18.70	
	DFT-s-OFDM 256QAM	1	1	17.65	17.67	17.72	18.70	
		1	1	17.65	17.67	17.72	18.70	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					503000	507000	511000	
40MHz	CP-OFDM QPSK	1	1	17.62	17.63	17.65	18.70	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				503000	507000	511000		
30MHz	DFT-s-OFDM QPSK	1	1	17.70	17.74	17.73	18.70	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				502500	507000	511500		



25MHz	DFT-s-OFDM QPSK	1	1	17.62	17.70	17.79	18.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				502000	507000	512000	
20MHz	DFT-s-OFDM QPSK	1	1	17.71	17.75	17.61	18.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				501500	507000	512500	
15MHz	DFT-s-OFDM QPSK	1	1	17.79	17.62	17.65	18.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				501000	507000	513000	
10MHz	DFT-s-OFDM QPSK	1	1	17.72	17.73	17.62	18.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				500500	507000	513500	
5MHz	DFT-s-OFDM QPSK	1	1	17.70	17.68	17.75	18.70

N7 DSI4				Conducted Power(dBm)				
SCS 15kHz								
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				504000	507000	510000		
40MHz	DFT-s-OFDM PI/2 BPSK	1	1	19.73	19.76	19.82	20.70	
		1	108	19.72	19.74	19.75	20.70	
		1	214	19.77	19.77	19.82	20.70	
		108	0	19.72	19.76	19.72	20.70	
		108	54	19.76	19.80	19.75	20.70	
		108	108	19.80	19.74	19.72	20.70	
		216	0	19.71	19.78	19.74	20.70	
	DFT-s-OFDM QPSK	1	1	19.78	19.89	19.79	20.70	
		1	108	19.76	19.74	19.77	20.70	
		1	214	19.77	19.72	19.77	20.70	
		108	0	19.81	19.77	19.78	20.70	
		108	54	19.87	19.88	19.86	20.70	
		108	108	19.79	19.71	19.81	20.70	
		216	0	19.73	19.80	19.77	20.70	
	DFT-s-OFDM 16QAM	1	1	19.74	19.72	19.79	20.70	
	DFT-s-OFDM 64QAM	1	1	19.75	19.78	19.77	20.70	
	DFT-s-OFDM 256QAM	1	1	19.04	19.21	19.01	19.70	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					503000	507000	511000	

40MHz	CP-OFDM QPSK	1	1	19.76	19.74	19.73	20.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				503000	507000	511000	
30MHz	DFT-s-OFDM QPSK	1	1	19.64	19.78	19.84	20.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				502500	507000	511500	
25MHz	DFT-s-OFDM QPSK	1	1	19.79	19.63	19.72	20.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				502000	507000	512000	
20MHz	DFT-s-OFDM QPSK	1	1	19.72	19.79	19.74	20.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				501500	507000	512500	
15MHz	DFT-s-OFDM QPSK	1	1	19.74	19.85	19.84	20.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				501000	507000	513000	
10MHz	DFT-s-OFDM QPSK	1	1	19.88	19.88	19.85	20.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				500500	507000	513500	
5MHz	DFT-s-OFDM QPSK	1	1	19.86	19.64	19.63	20.70

N38 Default				Conducted Power(dBm)			
SCS 30kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				518000	519000	520000	
		1	1	23.09	22.99	23.06	24.30
		1	108	23.01	22.88	22.86	24.30
		1	214	22.52	22.53	22.65	24.30
		108	0	21.94	21.91	22.09	23.30
		108	54	23.03	23.08	22.94	24.30
		108	108	21.99	21.90	21.98	23.30
		216	0	22.06	21.94	22.02	23.30
	DFT-s-OFDM QPSK	1	1	23.16	23.06	23.17	24.30
		1	108	23.06	22.82	23.05	24.30
		1	214	22.71	22.66	22.60	24.30
		108	0	21.84	21.87	21.95	23.30
		108	54	23.03	23.22	23.07	24.30
		108	108	21.98	21.87	22.13	23.30

		216	0	22.07	22.10	22.13	23.30
	DFT-s-OFDM 16QAM	1	1	22.03	22.18	22.05	23.30
	DFT-s-OFDM 64QAM	1	1	21.09	21.05	20.98	21.80
	DFT-s-OFDM 256QAM	1	1	19.20	19.63	19.21	19.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				518000	519000	520000	
40MHz	CP-OFDM QPSK	1	1	20.94	20.93	20.78	21.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				517000	519000	521000	
30MHz	DFT-s-OFDM QPSK	1	1	22.51	22.52	22.57	24.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				516000	519000	522000	
20MHz	DFT-s-OFDM QPSK	1	1	22.50	22.52	22.44	24.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				516000	519000	522000	
15MHz	DFT-s-OFDM QPSK	1	1	22.47	22.42	22.49	24.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				516000	519000	522000	
10MHz	DFT-s-OFDM QPSK	1	1	22.43	22.50	22.50	24.30

N38 DSI1&5				Conducted Power(dBm)			
SCS 30kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				518000	519000	520000	
40MHz	DFT-s-OFDM PI/2 BPSK	1	1	17.00	16.97	17.01	17.80
		1	108	16.92	16.92	17.01	17.80
		1	214	16.99	17.00	16.97	17.80
		108	0	17.01	16.96	17.01	17.80
		108	54	16.98	16.94	17.00	17.80
		108	108	16.93	17.01	17.01	17.80
		216	0	16.96	16.99	17.00	17.80
	DFT-s-OFDM	1	1	17.02	17.11	16.96	17.80

	QPSK	1	108	16.93	17.00	16.92	17.80
		1	214	16.98	16.94	16.95	17.80
		108	0	16.99	16.92	17.03	17.80
		108	54	17.00	17.08	17.05	17.80
		108	108	16.95	16.97	17.00	17.80
		216	0	16.93	17.04	17.01	17.80
	DFT-s-OFDM 16QAM	1	1	17.01	17.02	16.92	17.80
	DFT-s-OFDM 64QAM	1	1	16.93	16.98	16.94	17.80
DFT-s-OFDM 256QAM	1	1	17.00	17.01	16.94	17.80	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				518000	519000	520000	
40MHz	CP-OFDM QPSK	1	1	16.98	16.93	16.92	17.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				517000	519000	521000	
30MHz	DFT-s-OFDM QPSK	1	1	16.94	16.95	16.96	17.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				516000	519000	522000	
20MHz	DFT-s-OFDM QPSK	1	1	16.94	16.93	17.00	17.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				516000	519000	522000	
15MHz	DFT-s-OFDM QPSK	1	1	16.65	16.64	16.73	17.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				516000	519000	522000	
10MHz	DFT-s-OFDM QPSK	1	1	16.62	16.61	16.75	17.80

N38 DS14				Conducted Power(dBm)			
SCS 30kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				518000	519000	520000	
40MHz	DFT-s-OFDM PI/2 BPSK	1	1	20.01	19.99	19.95	20.80
		1	108	19.95	19.93	19.93	20.80
		1	214	19.92	19.97	19.94	20.80
		108	0	19.92	20.00	20.02	20.80
		108	54	20.01	19.96	20.00	20.80
		108	108	19.97	20.02	19.98	20.80
		216	0	19.95	19.95	19.92	20.80

	DFT-s-OFDM QPSK	1	1	20.00	20.13	19.97	20.80
		1	108	19.98	19.91	19.92	20.80
		1	214	19.93	19.97	19.95	20.80
		108	0	19.99	19.91	19.95	20.80
		108	54	20.00	20.12	20.05	20.80
		108	108	19.95	19.92	20.01	20.80
		216	0	19.93	20.05	20.01	20.80
	DFT-s-OFDM 16QAM	1	1	19.93	19.91	19.96	20.80
	DFT-s-OFDM 64QAM	1	1	20.01	19.96	19.97	20.80
	DFT-s-OFDM 256QAM	1	1	19.20	19.63	19.21	19.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				518000	519000	520000	
40MHz	CP-OFDM QPSK	1	1	19.93	19.94	20.00	20.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				517000	519000	521000	
30MHz	DFT-s-OFDM QPSK	1	1	20.01	19.92	19.94	20.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				516000	519000	522000	
20MHz	DFT-s-OFDM QPSK	1	1	19.98	19.97	19.93	20.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				516000	519000	522000	
15MHz	DFT-s-OFDM QPSK	1	1	19.62	19.93	19.73	20.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				516000	519000	522000	
10MHz	DFT-s-OFDM QPSK	1	1	19.82	19.64	19.61	20.80

N41 Default				Conducted Power(dBm)			
SCS 30kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				509202	518598	528000	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	22.90	23.07	23.05	24.30
		1	137	22.92	23.12	22.98	24.30
		1	271	23.04	23.06	22.99	24.30
		135	0	22.02	22.03	22.04	23.30
		135	69	22.96	22.97	22.98	24.30
		135	138	22.09	22.06	22.09	23.30

		270	0	22.07	22.03	22.05	23.30
	DFT-s-OFDM QPSK	1	1	22.99	23.22	22.95	24.30
		1	137	22.98	22.99	23.02	24.30
		1	271	22.94	23.00	22.99	24.30
		135	0	22.03	22.12	22.10	23.30
		135	69	23.08	23.11	22.99	24.30
		135	138	22.10	22.09	22.05	23.30
		270	0	22.05	22.04	22.10	23.30
	DFT-s-OFDM 16QAM	1	1	22.09	22.03	22.05	23.30
	DFT-s-OFDM 64QAM	1	1	20.68	20.46	20.62	21.80
	DFT-s-OFDM 256QAM	1	1	19.27	19.32	19.19	19.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				509202	518598	528000	
100MHz	CP-OFDM QPSK	1	1	20.74	20.62	20.72	21.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				508200	518598	528996	
90MHz	DFT-s-OFDM QPSK	1	1	22.77	22.83	22.77	24.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				507204	518598	529998	
80MHz	DFT-s-OFDM QPSK	1	1	22.76	22.81	22.78	24.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				506202	518598	531000	
70MHz	DFT-s-OFDM QPSK	1	1	22.74	22.79	22.73	24.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				505200	518598	531996	
60MHz	DFT-s-OFDM QPSK	1	1	22.73	22.86	22.74	24.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				504204	518598	532998	
50MHz	DFT-s-OFDM QPSK	1	1	22.72	22.76	22.74	24.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				503202	518598	534000	



40MHz	DFT-s-OFDM QPSK	1	1	22.68	22.79	22.75	24.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				502200	518598	534996	
30MHz	DFT-s-OFDM QPSK	1	1	22.73	22.78	22.71	24.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				501204	518598	535998	
20MHz	DFT-s-OFDM QPSK	1	1	22.77	22.81	22.76	24.30

N41 DSI1&5				Conducted Power(dBm)				
SCS 30kHz								
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				509202	518598	528000		
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	17.12	17.15	17.14	18.30	
		1	137	17.09	17.11	17.18	18.30	
		1	271	17.24	17.18	17.11	18.30	
		135	0	17.16	17.13	17.15	18.30	
		135	69	17.19	17.10	17.24	18.30	
		135	138	17.18	17.19	17.13	18.30	
		270	0	17.15	17.14	17.25	18.30	
	DFT-s-OFDM QPSK	1	1	17.18	17.26	17.19	18.30	
		1	137	17.15	17.16	17.13	18.30	
		1	271	17.08	17.22	17.15	18.30	
		135	0	17.13	17.12	17.16	18.30	
		135	69	17.19	17.23	17.17	18.30	
		135	138	17.18	17.12	17.12	18.30	
		270	0	17.18	17.19	17.12	18.30	
	DFT-s-OFDM 16QAM	1	1	17.09	17.07	17.18	18.30	
	DFT-s-OFDM 64QAM	1	1	17.20	17.20	17.21	18.30	
	DFT-s-OFDM 256QAM	1	1	17.16	17.11	17.23	18.30	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					509202	518598	528000	
	100MHz	CP-OFDM QPSK	1	1	17.03	17.09	16.96	18.30
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up

				508200	518598	528996	
90MHz	DFT-s-OFDM QPSK	1	1	17.08	17.03	17.02	18.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				507204	518598	529998	
80MHz	DFT-s-OFDM QPSK	1	1	17.10	17.10	17.00	18.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				506202	518598	531000	
70MHz	DFT-s-OFDM QPSK	1	1	17.03	17.08	17.00	18.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				505200	518598	531996	
60MHz	DFT-s-OFDM QPSK	1	1	17.01	17.06	16.96	18.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				504204	518598	532998	
50MHz	DFT-s-OFDM QPSK	1	1	17.08	17.00	16.95	18.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				503202	518598	534000	
40MHz	DFT-s-OFDM QPSK	1	1	17.00	17.07	16.97	18.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				502200	518598	534996	
30MHz	DFT-s-OFDM QPSK	1	1	17.00	17.03	16.99	18.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				501204	518598	535998	
20MHz	DFT-s-OFDM QPSK	1	1	17.07	17.04	16.98	18.30

N41 DSI4				Conducted Power(dBm)			
SCS 30kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				509202	518598	528000	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	20.03	19.98	20.06	21.30
		1	137	20.07	20.01	20.08	21.30

		1	271	20.16	20.03	20.04	21.30
		135	0	20.12	20.00	20.15	21.30
		135	69	20.15	20.07	20.08	21.30
		135	138	20.07	20.00	20.06	21.30
		270	0	20.08	20.07	20.11	21.30
	DFT-s-OFDM QPSK	1	1	20.13	20.21	20.14	21.30
		1	137	20.08	20.09	20.05	21.30
		1	271	20.07	20.11	20.11	21.30
		135	0	20.04	20.11	20.12	21.30
		135	69	20.09	20.19	20.17	21.30
		135	138	20.06	20.02	20.03	21.30
	DFT-s-OFDM 16QAM	1	1	20.10	20.05	20.01	21.30
		1	1	20.12	20.07	20.05	21.30
1		1	18.99	19.16	18.96	19.80	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				509202	518598	528000	
100MHz	CP-OFDM QPSK	1	1	19.96	19.99	19.91	21.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				508200	518598	528996	
90MHz	DFT-s-OFDM QPSK	1	1	19.93	19.99	19.84	21.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				507204	518598	529998	
80MHz	DFT-s-OFDM QPSK	1	1	19.93	19.93	19.92	21.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				506202	518598	531000	
70MHz	DFT-s-OFDM QPSK	1	1	20.01	19.90	19.90	21.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				505200	518598	531996	
60MHz	DFT-s-OFDM QPSK	1	1	19.94	19.98	19.94	21.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				504204	518598	532998	
50MHz	DFT-s-OFDM QPSK	1	1	19.96	19.99	19.93	21.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				503202	518598	534000	
40MHz	DFT-s-OFDM QPSK	1	1	19.96	19.94	19.88	21.30



Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				502200	518598	534996	
30MHz	DFT-s-OFDM QPSK	1	1	19.93	20.00	19.88	21.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				501204	518598	535998	
20MHz	DFT-s-OFDM QPSK	1	1	19.99	19.92	19.85	21.30

N66 Default				Conducted Power(dBm)					
SCS 15kHz									
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up		
				346000	349000	352000			
40MHz	DFT-s-OFDM PI/2 BPSK	1	1	21.63	21.49	21.53	22.70		
		1	108	21.55	21.36	21.46	22.70		
		1	214	21.06	20.97	21.08	22.70		
		108	0	20.55	20.42	20.61	21.70		
		108	54	21.48	21.58	21.50	22.70		
		108	108	20.52	20.51	20.52	21.70		
		216	0	20.53	20.53	20.49	21.70		
	DFT-s-OFDM QPSK	1	1	21.70	21.57	21.57	22.70		
		1	108	21.66	21.38	21.58	22.70		
		1	214	21.23	21.17	21.18	22.70		
		108	0	20.40	20.31	20.37	21.70		
		108	54	21.77	21.86	21.69	22.70		
		108	108	20.42	20.37	20.56	21.70		
	DFT-s-OFDM 16QAM	1	1	20.63	20.67	20.61	21.70		
		DFT-s-OFDM 64QAM	1	1	19.56	19.54	19.44	20.20	
			DFT-s-OFDM 256QAM	1	1	17.77	17.68	17.67	18.20
				1	1	17.77	17.68	17.67	18.20
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
346000					349000	352000			
40MHz	CP-OFDM QPSK	1	1	19.51	19.54	19.43	20.20		
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up		
				345000	349000	353000			
30MHz	DFT-s-OFDM QPSK	1	1	21.49	21.68	21.59	22.70		
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up		



				344000	349000	354000	
20MHz	DFT-s-OFDM QPSK	1	1	21.58	21.45	21.45	22.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				343500	349000	354500	
15MHz	DFT-s-OFDM QPSK	1	1	21.47	21.44	21.52	22.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				343000	349000	355000	
10MHz	DFT-s-OFDM QPSK	1	1	21.54	21.53	21.50	22.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				342500	349000	355500	
5MHz	DFT-s-OFDM QPSK	1	1	21.51	21.43	21.47	22.70

N66 DSI1				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				346000	349000	352000	
40MHz	DFT-s-OFDM PI/2 BPSK	1	1	21.63	21.49	21.53	22.70
		1	108	21.55	21.36	21.46	22.70
		1	214	21.06	20.97	21.08	22.70
		108	0	20.55	20.42	20.61	21.70
		108	54	21.48	21.58	21.50	22.70
		108	108	20.52	20.51	20.52	21.70
		216	0	20.53	20.53	20.49	21.70
	DFT-s-OFDM QPSK	1	1	21.86	21.98	21.87	22.70
		1	108	21.66	21.38	21.58	22.70
		1	214	21.23	21.17	21.18	22.70
		108	0	20.40	20.31	20.37	21.70
		108	54	21.93	21.96	21.95	22.70
		108	108	20.42	20.37	20.56	21.70
		216	0	20.56	20.67	20.61	21.70
	DFT-s-OFDM 16QAM	1	1	20.63	20.67	20.61	21.70
	DFT-s-OFDM 64QAM	1	1	19.56	19.54	19.44	20.20
	DFT-s-OFDM 256QAM	1	1	17.77	17.68	17.67	18.20



Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				346000	349000	352000	
40MHz	CP-OFDM QPSK	1	1	19.51	19.54	19.43	20.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				345000	349000	353000	
30MHz	DFT-s-OFDM QPSK	1	1	21.47	21.42	21.53	22.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				344000	349000	354000	
20MHz	DFT-s-OFDM QPSK	1	1	21.58	21.45	21.45	22.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				343500	349000	354500	
15MHz	DFT-s-OFDM QPSK	1	1	21.47	21.44	21.52	22.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				343000	349000	355000	
10MHz	DFT-s-OFDM QPSK	1	1	21.54	21.53	21.50	22.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				342500	349000	355500	
5MHz	DFT-s-OFDM QPSK	1	1	21.51	21.43	21.47	22.70

N66 DSI4&5				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				346000	349000	352000	
40MHz	DFT-s-OFDM PI/2 BPSK	1	1	20.68	20.71	20.71	21.70
		1	108	20.65	20.74	20.69	21.70
		1	214	20.72	20.76	20.72	21.70
		108	0	20.71	20.73	20.70	21.70
		108	54	20.69	20.75	20.70	21.70
		108	108	20.66	20.78	20.73	21.70
		216	0	20.65	20.74	20.67	21.70
	DFT-s-OFDM QPSK	1	1	20.72	20.89	20.75	21.70
		1	108	20.68	20.83	20.71	21.70
		1	214	20.71	20.75	20.66	21.70
		108	0	20.66	20.77	20.71	21.70
		108	54	20.69	20.86	20.75	21.70
		108	108	20.61	20.77	20.71	21.70
		216	0	20.63	20.85	20.65	21.70



	DFT-s-OFDM 16QAM	1	1	20.75	20.73	20.60	21.70
	DFT-s-OFDM 64QAM	1	1	19.59	19.50	19.40	20.20
	DFT-s-OFDM 256QAM	1	1	17.78	17.65	17.66	18.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				346000	349000	352000	
40MHz	CP-OFDM QPSK	1	1	19.51	19.54	19.43	20.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				345000	349000	353000	
30MHz	DFT-s-OFDM QPSK	1	1	20.82	20.77	20.62	21.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				344000	349000	354000	
20MHz	DFT-s-OFDM QPSK	1	1	20.70	20.82	20.70	21.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				343500	349000	354500	
15MHz	DFT-s-OFDM QPSK	1	1	20.61	20.61	20.63	21.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				343000	349000	355000	
10MHz	DFT-s-OFDM QPSK	1	1	20.77	20.64	20.70	21.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				342500	349000	355500	
5MHz	DFT-s-OFDM QPSK	1	1	20.65	20.69	20.69	21.70

9.7 Conducted Power of NR Antenna (Ant6)

N77 PC2 Default				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	26.80	/	28.00
		1	137	/	26.74	/	28.00
		1	271	/	26.53	/	28.00
		135	0	/	26.21	/	27.00
		135	69	/	26.47	/	28.00
		135	138	/	26.15	/	27.00
		270	0	/	25.76	/	27.00
	DFT-s-OFDM QPSK	1	1	/	26.99	/	28.00
		1	137	/	26.62	/	28.00
		1	271	/	26.51	/	28.00
		135	0	/	26.44	/	27.00
		135	69	/	26.55	/	28.00
		135	138	/	26.24	/	27.00
	DFT-s-OFDM 16QAM	1	1	/	25.71	/	27.00
		1	1	/	26.15	/	27.00
		1	1	/	24.86	/	25.50
		1	1	/	22.61	/	23.50
	DFT-s-OFDM 64QAM	1	1	/			
DFT-s-OFDM 256QAM	1	1	/				
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1	/	24.86	/	25.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				633000	633334	633668	
90MHz	DFT-s-OFDM QPSK	1	1	26.65	26.56	26.62	28.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632668	633334	634000	
80MHz	DFT-s-OFDM QPSK	1	1	26.54	26.60	26.60	28.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632334	633334	634334	
70MHz	DFT-s-OFDM QPSK	1	1	26.61	26.66	26.53	28.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	
60MHz	DFT-s-OFDM QPSK	1	1	26.57	26.61	26.53	28.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631668	633334	635000	
50MHz	DFT-s-OFDM QPSK	1	1	26.62	26.55	26.56	28.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	

40MHz	DFT-s-OFDM QPSK	1	1	26.63	26.60	26.57	28.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631002	633334	635666	
30MHz	DFT-s-OFDM QPSK	1	1	26.54	26.54	26.58	28.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	26.55	26.66	26.54	28.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630500	633334	636168	
15MHz	DFT-s-OFDM QPSK	1	1	26.43	26.56	26.39	28.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630334	633334	636334	
10MHz	DFT-s-OFDM QPSK	1	1	26.55	26.65	26.49	28.00

N77 PC2 DSI1&5				Conducted Power(dBm)				
SCS 30kHz(3450~3550)								
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	633334	/	18.50	
		1	137	/	17.70	/	18.50	
		1	271	/	17.86	/	18.50	
		135	0	/	17.80	/	18.50	
		135	69	/	17.78	/	18.50	
		135	138	/	17.68	/	18.50	
		270	0	/	17.76	/	18.50	
	DFT-s-OFDM QPSK	1	1	/	17.88	/	18.50	
		1	137	/	17.71	/	18.50	
		1	271	/	17.83	/	18.50	
		135	0	/	17.80	/	18.50	
		135	69	/	17.85	/	18.50	
		135	138	/	17.76	/	18.50	
		270	0	/	17.84	/	18.50	
	DFT-s-OFDM 16QAM	1	1	/	17.72	/	18.50	
	DFT-s-OFDM 64QAM	1	1	/	17.71	/	18.50	
	DFT-s-OFDM 256QAM	1	1	/	17.75	/	18.50	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					/	633334	/	
	100MHz	CP-OFDM QPSK	1	1	/	17.73	/	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	



				633000	633334	633668	
90MHz	DFT-s-OFDM QPSK	1	1	17.75	17.70	17.77	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632668	633334	634000	
80MHz	DFT-s-OFDM QPSK	1	1	17.68	17.74	17.67	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632334	633334	634334	
70MHz	DFT-s-OFDM QPSK	1	1	17.73	17.77	17.76	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	
60MHz	DFT-s-OFDM QPSK	1	1	17.63	17.70	17.81	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631668	633334	635000	
50MHz	DFT-s-OFDM QPSK	1	1	17.73	17.78	17.77	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
40MHz	DFT-s-OFDM QPSK	1	1	17.63	17.66	17.72	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631002	633334	635666	
30MHz	DFT-s-OFDM QPSK	1	1	17.69	17.74	17.72	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	17.74	17.65	17.79	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630500	633334	636168	
15MHz	DFT-s-OFDM QPSK	1	1	17.68	17.61	17.53	23.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630334	633334	636334	
10MHz	DFT-s-OFDM QPSK	1	1	17.69	17.68	17.67	23.10

N77 PC2 DSI4				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	19.20	/	20.00
		1	137	/	19.26	/	20.00
		1	271	/	19.18	/	20.00
		135	0	/	19.26	/	20.00
		135	69	/	19.21	/	20.00
		135	138	/	19.17	/	20.00

		270	0	/	19.22	/	20.00
	DFT-s-OFDM QPSK	1	1	/	19.33	/	20.00
		1	137	/	19.22	/	20.00
		1	271	/	19.24	/	20.00
		135	0	/	19.26	/	20.00
		135	69	/	19.30	/	20.00
		135	138	/	19.23	/	20.00
		270	0	/	19.20	/	20.00
	DFT-s-OFDM 16QAM	1	1	/	19.27	/	20.00
	DFT-s-OFDM 64QAM	1	1	/	19.24	/	20.00
	DFT-s-OFDM 256QAM	1	1	/	19.27	/	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1	/	19.23	/	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				633000	633334	633668	
90MHz	DFT-s-OFDM QPSK	1	1	19.20	19.25	19.12	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632668	633334	634000	
80MHz	DFT-s-OFDM QPSK	1	1	19.16	19.27	19.16	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632334	633334	634334	
70MHz	DFT-s-OFDM QPSK	1	1	19.14	19.21	19.21	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	
60MHz	DFT-s-OFDM QPSK	1	1	19.13	19.28	19.19	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631668	633334	635000	
50MHz	DFT-s-OFDM QPSK	1	1	19.19	19.26	19.19	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
40MHz	DFT-s-OFDM QPSK	1	1	19.17	19.25	19.21	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631002	633334	635666	
30MHz	DFT-s-OFDM QPSK	1	1	19.15	19.19	19.13	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	19.15	19.24	19.15	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up



				630500	633334	636168	
15MHz	DFT-s-OFDM QPSK	1	1	19.16	19.18	19.10	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630334	633334	636334	
10MHz	DFT-s-OFDM QPSK	1	1	19.19	19.04	19.10	20.00

N77 PC3 Default				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	24.54	/	25.70
		1	137	/	24.76	/	25.70
		1	271	/	24.82	/	25.70
		135	0	/	23.79	/	24.70
		135	69	/	24.87	/	25.70
		135	138	/	23.80	/	24.70
	DFT-s-OFDM QPSK	270	0	/	23.71	/	24.70
		1	1	/	24.72	/	25.70
		1	137	/	24.93	/	25.70
		1	271	/	25.01	/	25.70
		135	0	/	23.89	/	24.70
		135	69	/	24.97	/	25.70
	DFT-s-OFDM 16QAM	135	138	/	23.92	/	24.70
		270	0	/	23.89	/	24.70
		1	1	/	23.97	/	24.70
	DFT-s-OFDM 64QAM	1	1	/	22.44	/	23.20
	DFT-s-OFDM 256QAM	1	1	/	20.31	/	21.20
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1	/	22.44	/	23.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				633000	633334	633668	
90MHz	DFT-s-OFDM QPSK	1	1	24.86	24.82	24.91	25.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632668	633334	634000	
80MHz	DFT-s-OFDM QPSK	1	1	24.94	24.91	24.90	25.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632334	633334	634334	
70MHz	DFT-s-OFDM QPSK	1	1	24.89	24.79	24.91	25.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	

60MHz	DFT-s-OFDM QPSK	1	1	24.83	24.88	24.87	25.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631668	633334	635000	
50MHz	DFT-s-OFDM QPSK	1	1	24.81	24.88	24.98	25.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
40MHz	DFT-s-OFDM QPSK	1	1	24.86	24.83	24.94	25.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631002	633334	635666	
30MHz	DFT-s-OFDM QPSK	1	1	24.84	24.82	24.85	25.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	24.90	24.85	24.98	25.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630500	633334	636168	
15MHz	DFT-s-OFDM QPSK	1	1	24.87	24.78	24.99	25.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630334	633334	636334	
10MHz	DFT-s-OFDM QPSK	1	1	24.83	24.89	24.86	25.70

N77 PC3 DSI1&5				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	15.73	/	16.20
		1	137	/	15.67	/	16.20
		1	271	/	15.76	/	16.20
		135	0	/	15.71	/	16.20
		135	69	/	15.72	/	16.20
		135	138	/	15.69	/	16.20
		270	0	/	15.77	/	16.20
	DFT-s-OFDM QPSK	1	1	/	15.90	/	16.20
		1	137	/	15.74	/	16.20
		1	271	/	15.77	/	16.20
		135	0	/	15.77	/	16.20
		135	69	/	15.89	/	16.20
		135	138	/	15.73	/	16.20
	DFT-s-OFDM 16QAM	1	1	/	15.75	/	16.20
/				15.73	/	16.20	



	DFT-s-OFDM 256QAM	1	1	/	15.69	/	16.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1	/	15.73	/	16.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				633000	633334	633668	
90MHz	DFT-s-OFDM QPSK	1	1	15.67	15.68	15.72	16.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632668	633334	634000	
80MHz	DFT-s-OFDM QPSK	1	1	15.62	15.73	15.61	16.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632334	633334	634334	
70MHz	DFT-s-OFDM QPSK	1	1	15.66	15.69	15.65	16.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	
60MHz	DFT-s-OFDM QPSK	1	1	15.62	15.69	15.69	16.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631668	633334	635000	
50MHz	DFT-s-OFDM QPSK	1	1	15.63	15.76	15.68	16.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
40MHz	DFT-s-OFDM QPSK	1	1	15.63	15.75	15.65	16.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631002	633334	635666	
30MHz	DFT-s-OFDM QPSK	1	1	15.64	15.72	15.66	16.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	15.66	15.71	15.67	16.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630500	633334	636168	
15MHz	DFT-s-OFDM QPSK	1	1	15.37	15.32	15.43	16.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630334	633334	636334	
10MHz	DFT-s-OFDM QPSK	1	1	15.42	15.38	15.49	16.20

N77 PC3 DS14				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up

				/	633334	/		
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	17.29	/	17.70	
		1	137	/	17.33	/	17.70	
		1	271	/	17.23	/	17.70	
		135	0	/	17.31	/	17.70	
		135	69	/	17.22	/	17.70	
		135	138	/	17.23	/	17.70	
		270	0	/	17.30	/	17.70	
	DFT-s-OFDM QPSK	1	1	/	17.37	/	17.70	
		1	137	/	17.19	/	17.70	
		1	271	/	17.27	/	17.70	
		135	0	/	17.30	/	17.70	
		135	69	/	17.31	/	17.70	
		135	138	/	17.29	/	17.70	
		270	0	/	17.25	/	17.70	
		DFT-s-OFDM 16QAM	1	1	/	17.23	/	17.70
		DFT-s-OFDM 64QAM	1	1	/	17.32	/	17.70
	DFT-s-OFDM 256QAM	1	1	/	17.31	/	17.70	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				/	633334	/		
100MHz	CP-OFDM QPSK	1	1	/	17.31	/	17.70	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				633000	633334	633668		
90MHz	DFT-s-OFDM QPSK	1	1	17.27	17.28	17.13	17.70	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				632668	633334	634000		
80MHz	DFT-s-OFDM QPSK	1	1	17.16	17.33	17.19	17.70	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				632334	633334	634334		
70MHz	DFT-s-OFDM QPSK	1	1	17.16	17.27	17.18	17.70	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				632000	633334	634668		
60MHz	DFT-s-OFDM QPSK	1	1	17.28	17.22	17.08	17.70	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				631668	633334	635000		
50MHz	DFT-s-OFDM QPSK	1	1	17.29	17.25	17.08	17.70	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				631334	633334	635334		
40MHz	DFT-s-OFDM QPSK	1	1	17.19	17.32	17.14	17.70	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				631002	633334	635666		

30MHz	DFT-s-OFDM QPSK	1	1	17.22	17.22	17.20	17.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	17.29	17.21	17.20	17.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630500	633334	636168	
15MHz	DFT-s-OFDM QPSK	1	1	17.09	17.08	17.10	17.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630334	633334	636334	
10MHz	DFT-s-OFDM QPSK	1	1	17.10	17.01	17.15	17.70

N77 PC2 Default				Conducted Power(dBm)			
SCS 30kHz(3700~3980)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				650000	656000	662000	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	26.95	26.85	26.87	28.00
		1	137	27.00	26.91	26.88	28.00
		1	271	26.67	26.79	26.77	28.00
		135	0	26.72	26.67	26.59	27.00
		135	69	26.88	26.86	26.77	28.00
		135	138	26.70	26.61	26.70	27.00
		270	0	26.79	26.73	26.63	27.00
	DFT-s-OFDM QPSK	1	1	26.97	27.03	26.97	28.00
		1	137	26.93	26.95	26.99	28.00
		1	271	26.83	26.77	26.85	28.00
		135	0	26.74	26.77	26.78	27.00
		135	69	26.94	26.86	26.78	28.00
		135	138	26.94	26.82	26.77	27.00
	DFT-s-OFDM 16QAM	1	1	26.76	26.85	26.72	27.00
	DFT-s-OFDM 64QAM	1	1	24.91	24.94	24.89	25.50
	DFT-s-OFDM 256QAM	1	1	22.57	22.70	22.57	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				650000	656000	662000	
100MHz	CP-OFDM QPSK	1	1	24.88	24.89	24.85	25.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649668	656000	662332	
90MHz	DFT-s-OFDM QPSK	1	1	26.43	26.55	26.54	28.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649334	656000	662666	
80MHz	DFT-s-OFDM QPSK	1	1	26.51	26.46	26.47	28.00



Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649002	656000	662998	
70MHz	DFT-s-OFDM QPSK	1	1	26.41	26.43	26.45	28.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648668	656000	663332	
60MHz	DFT-s-OFDM QPSK	1	1	26.47	26.56	26.51	28.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648334	656000	663666	
50MHz	DFT-s-OFDM QPSK	1	1	26.49	26.56	26.42	28.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648000	656000	664000	
40MHz	DFT-s-OFDM QPSK	1	1	26.53	26.62	26.50	28.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647668	656000	664332	
30MHz	DFT-s-OFDM QPSK	1	1	26.47	26.61	26.48	28.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647334	656000	664666	
20MHz	DFT-s-OFDM QPSK	1	1	26.50	26.63	26.53	28.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647166	656000	664834	
15MHz	DFT-s-OFDM QPSK	1	1	26.53	26.63	26.43	28.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647000	656000	665000	
10MHz	DFT-s-OFDM QPSK	1	1	26.43	26.64	26.51	28.00

N77 PC2 DSI1&5				Conducted Power(dBm)			
SCS 30kHz(3700~3980)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				650000	656000	662000	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	17.63	17.67	17.74	18.50
		1	137	17.72	17.75	17.65	18.50
		1	271	17.77	17.71	17.63	18.50
		135	0	17.61	17.65	17.71	18.50
		135	69	17.67	17.75	17.69	18.50
		135	138	17.56	17.72	17.67	18.50
	DFT-s-OFDM QPSK	270	0	17.64	17.67	17.67	18.50
		1	1	17.81	17.86	17.73	18.50
		1	137	17.74	17.73	17.67	18.50
		1	271	17.74	17.76	17.64	18.50
		135	0	17.78	17.83	17.57	18.50
		135	69	17.80	17.85	17.68	18.50

		135	138	17.69	17.69	17.58	18.50
		270	0	17.68	17.79	17.65	18.50
	DFT-s-OFDM 16QAM	1	1	17.67	17.74	17.71	18.50
	DFT-s-OFDM 64QAM	1	1	17.71	17.77	17.77	18.50
	DFT-s-OFDM 256QAM	1	1	17.63	17.65	17.65	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				650000	656000	662000	
100MHz	CP-OFDM QPSK	1	1	17.62	17.71	17.70	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649668	656000	662332	
90MHz	DFT-s-OFDM QPSK	1	1	17.63	17.58	17.48	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649334	656000	662666	
80MHz	DFT-s-OFDM QPSK	1	1	17.60	17.55	17.48	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649002	656000	662998	
70MHz	DFT-s-OFDM QPSK	1	1	17.47	17.58	17.48	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648668	656000	663332	
60MHz	DFT-s-OFDM QPSK	1	1	17.56	17.56	17.65	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648334	656000	663666	
50MHz	DFT-s-OFDM QPSK	1	1	17.59	17.56	17.65	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648000	656000	664000	
40MHz	DFT-s-OFDM QPSK	1	1	17.44	17.66	17.65	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647668	656000	664332	
30MHz	DFT-s-OFDM QPSK	1	1	17.64	17.47	17.63	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647334	656000	664666	
20MHz	DFT-s-OFDM QPSK	1	1	17.55	17.51	17.54	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647166	656000	664834	
15MHz	DFT-s-OFDM QPSK	1	1	17.48	17.50	17.51	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647000	656000	665000	
10MHz	DFT-s-OFDM QPSK	1	1	17.61	17.48	17.60	18.50

N77 PC2 DSI4				Conducted Power(dBm)			
SCS 30kHz(3700~3980)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				650000	656000	662000	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	19.21	19.27	19.21	20.00
		1	137	19.19	19.26	19.13	20.00
		1	271	19.19	19.28	19.12	20.00
		135	0	19.12	19.18	19.13	20.00
		135	69	19.15	19.21	19.20	20.00
		135	138	19.22	19.24	19.22	20.00
	DFT-s-OFDM QPSK	270	0	19.20	19.22	19.20	20.00
		1	1	19.24	19.26	19.24	20.00
		1	137	19.12	19.18	19.22	20.00
		1	271	19.21	19.23	19.13	20.00
		135	0	19.13	19.19	19.12	20.00
		135	69	19.21	19.24	19.14	20.00
	DFT-s-OFDM 16QAM	135	138	19.17	19.22	19.13	20.00
		270	0	19.11	19.20	19.15	20.00
		1	1	19.12	19.18	19.20	20.00
	DFT-s-OFDM 64QAM	1	1	19.16	19.18	19.21	20.00
	DFT-s-OFDM 256QAM	1	1	19.22	19.18	19.17	20.00
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
100MHz	CP-OFDM QPSK	1	1	650000	656000	662000	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
90MHz	DFT-s-OFDM QPSK	1	1	649668	656000	662332	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
80MHz	DFT-s-OFDM QPSK	1	1	649334	656000	662666	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
70MHz	DFT-s-OFDM QPSK	1	1	649002	656000	662998	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
60MHz	DFT-s-OFDM QPSK	1	1	648668	656000	663332	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19.20	19.20	19.22	20.00

				648334	656000	663666	
50MHz	DFT-s-OFDM QPSK	1	1	19.12	19.02	19.22	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648000	656000	664000	
40MHz	DFT-s-OFDM QPSK	1	1	19.11	19.09	19.21	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647668	656000	664332	
30MHz	DFT-s-OFDM QPSK	1	1	19.22	19.21	19.13	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647334	656000	664666	
20MHz	DFT-s-OFDM QPSK	1	1	19.15	19.08	19.13	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647166	656000	664834	
15MHz	DFT-s-OFDM QPSK	1	1	19.15	19.10	19.22	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647000	656000	665000	
10MHz	DFT-s-OFDM QPSK	1	1	19.07	19.15	19.19	20.00

N77 PC3 Default				Conducted Power(dBm)			
SCS 30kHz(3700~3980)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				650000	656000	662000	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	24.84	24.94	24.89	25.70
		1	137	24.98	25.09	24.93	25.70
		1	271	24.95	25.03	25.04	25.70
		135	0	23.93	23.83	23.83	24.70
		135	69	25.05	24.94	24.87	25.70
		135	138	24.03	23.99	23.83	24.70
		270	0	23.86	23.99	23.89	24.70
	DFT-s-OFDM QPSK	1	1	24.95	24.96	24.83	25.70
		1	137	25.13	25.19	25.10	25.70
		1	271	25.08	25.08	25.06	25.70
		135	0	24.09	24.05	23.85	24.70
		135	69	25.08	24.98	24.95	25.70
		135	138	24.02	24.14	23.89	24.70
		270	0	23.99	23.99	23.93	24.70
	DFT-s-OFDM 16QAM	1	1	24.20	24.18	24.11	24.70
	DFT-s-OFDM 64QAM	1	1	22.65	22.65	22.61	23.20
	DFT-s-OFDM 256QAM	1	1	20.49	20.45	20.40	21.20
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				650000	656000	662000	

100MHz	CP-OFDM QPSK	1	1	22.68	22.72	22.50	23.20
Bandwidth	Modulation	RB size	RB offset	Channel 649668	Channel 656000	Channel 662332	Tune up
90MHz	DFT-s-OFDM QPSK	1	1	24.91	24.83	24.78	25.70
Bandwidth	Modulation	RB size	RB offset	Channel 649334	Channel 656000	Channel 662666	Tune up
80MHz	DFT-s-OFDM QPSK	1	1	24.86	24.74	24.84	25.70
Bandwidth	Modulation	RB size	RB offset	Channel 649002	Channel 656000	Channel 662998	Tune up
70MHz	DFT-s-OFDM QPSK	1	1	24.79	24.72	24.88	25.70
Bandwidth	Modulation	RB size	RB offset	Channel 648668	Channel 656000	Channel 663332	Tune up
60MHz	DFT-s-OFDM QPSK	1	1	24.78	24.71	24.79	25.70
Bandwidth	Modulation	RB size	RB offset	Channel 648334	Channel 656000	Channel 663666	Tune up
50MHz	DFT-s-OFDM QPSK	1	1	24.90	24.79	24.86	25.70
Bandwidth	Modulation	RB size	RB offset	Channel 648000	Channel 656000	Channel 664000	Tune up
40MHz	DFT-s-OFDM QPSK	1	1	24.85	24.72	24.79	25.70
Bandwidth	Modulation	RB size	RB offset	Channel 647668	Channel 656000	Channel 664332	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	24.84	24.73	24.88	25.70
Bandwidth	Modulation	RB size	RB offset	Channel 647334	Channel 656000	Channel 664666	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	24.87	24.71	24.84	25.70
Bandwidth	Modulation	RB size	RB offset	Channel 647166	Channel 656000	Channel 664834	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	24.87	24.78	24.78	25.70
Bandwidth	Modulation	RB size	RB offset	Channel 647000	Channel 656000	Channel 665000	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	24.90	24.78	24.81	25.70

N77 PC3 DSI1&5				Conducted Power(dBm)			
SCS 30kHz(3700~3980)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				650000	656000	662000	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	15.63	15.68	15.68	16.20
		1	137	15.70	15.69	15.63	16.20

		1	271	15.71	15.72	15.68	16.20
		135	0	15.65	15.70	15.70	16.20
		135	69	15.64	15.71	15.69	16.20
		135	138	15.61	15.70	15.70	16.20
		270	0	15.66	15.69	15.68	16.20
	DFT-s-OFDM QPSK	1	1	15.73	15.87	15.71	16.20
		1	137	15.68	15.74	15.66	16.20
		1	271	15.72	15.69	15.64	16.20
		135	0	15.71	15.75	15.62	16.20
		135	69	15.78	15.83	15.69	16.20
	DFT-s-OFDM 16QAM	135	138	15.70	15.69	15.62	16.20
		270	0	15.70	15.78	15.68	16.20
		1	1	15.66	15.68	15.70	16.20
	DFT-s-OFDM 64QAM	1	1	15.70	15.78	15.68	16.20
DFT-s-OFDM 256QAM	1	1	15.67	15.69	15.67	16.20	
Bandwidth	Modulation	RB size	RB offset	Channel 650000	Channel 656000	Channel 662000	Tune up
100MHz	CP-OFDM QPSK	1	1	15.65	15.69	15.69	16.20
Bandwidth	Modulation	RB size	RB offset	Channel 649668	Channel 656000	Channel 662332	Tune up
90MHz	DFT-s-OFDM QPSK	1	1	15.63	15.70	15.67	16.20
Bandwidth	Modulation	RB size	RB offset	Channel 649334	Channel 656000	Channel 662666	Tune up
80MHz	DFT-s-OFDM QPSK	1	1	15.74	15.83	15.83	16.20
Bandwidth	Modulation	RB size	RB offset	Channel 649002	Channel 656000	Channel 662998	Tune up
70MHz	DFT-s-OFDM QPSK	1	1	15.62	15.66	15.66	16.20
Bandwidth	Modulation	RB size	RB offset	Channel 648668	Channel 656000	Channel 663332	Tune up
60MHz	DFT-s-OFDM QPSK	1	1	15.69	15.76	15.64	16.20
Bandwidth	Modulation	RB size	RB offset	Channel 648334	Channel 656000	Channel 663666	Tune up
50MHz	DFT-s-OFDM QPSK	1	1	15.67	15.62	15.64	16.20
Bandwidth	Modulation	RB size	RB offset	Channel 648000	Channel 656000	Channel 664000	Tune up
40MHz	DFT-s-OFDM QPSK	1	1	15.63	15.68	15.83	16.20
Bandwidth	Modulation	RB size	RB offset	Channel 647668	Channel 656000	Channel 664332	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	15.67	15.83	15.69	16.20
Bandwidth	Modulation	RB size	RB offset	Channel 647334	Channel 656000	Channel 664666	Tune up

20MHz	DFT-s-OFDM QPSK	1	1	15.68	15.63	15.64	16.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647166	656000	664834	
15MHz	DFT-s-OFDM QPSK	1	1	15.72	15.64	15.67	16.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647000	656000	665000	
10MHz	DFT-s-OFDM QPSK	1	1	15.72	15.82	15.77	16.20

N77 PC3 DSI4				Conducted Power(dBm)			
SCS 30kHz(3700~3980)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				650000	656000	662000	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	17.22	17.28	17.16	17.70
		1	137	17.26	17.23	17.17	17.70
		1	271	17.23	17.31	17.11	17.70
		135	0	17.19	17.18	17.11	17.70
		135	69	17.21	17.21	17.20	17.70
		135	138	17.30	17.22	17.26	17.70
	DFT-s-OFDM QPSK	270	0	17.26	17.29	17.28	17.70
		1	1	17.23	17.33	17.27	17.70
		1	137	17.13	17.17	17.23	17.70
		1	271	17.24	17.28	17.19	17.70
		135	0	17.14	17.24	17.20	17.70
		135	69	17.21	17.30	17.22	17.70
	DFT-s-OFDM 16QAM	135	138	17.16	17.27	17.12	17.70
		270	0	17.08	17.20	17.16	17.70
		1	1	17.32	17.16	17.27	17.70
	DFT-s-OFDM 64QAM	1	1	17.11	17.19	17.17	17.70
	DFT-s-OFDM 256QAM	1	1	17.32	17.16	17.27	17.70
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				650000	656000	662000	
100MHz	CP-OFDM QPSK	1	1	17.27	17.26	17.20	17.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649668	656000	662332	
90MHz	DFT-s-OFDM QPSK	1	1	17.28	17.17	17.25	17.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649334	656000	662666	
80MHz	DFT-s-OFDM QPSK	1	1	17.25	17.19	17.15	17.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649002	656000	662998	
70MHz	DFT-s-OFDM QPSK	1	1	17.12	17.24	17.25	17.70



Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648668	656000	663332	
60MHz	DFT-s-OFDM QPSK	1	1	17.18	17.17	17.11	17.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648334	656000	663666	
50MHz	DFT-s-OFDM QPSK	1	1	17.27	17.18	17.16	17.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648000	656000	664000	
40MHz	DFT-s-OFDM QPSK	1	1	17.26	17.22	17.23	17.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647668	656000	664332	
30MHz	DFT-s-OFDM QPSK	1	1	17.22	17.18	17.24	17.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647334	656000	664666	
20MHz	DFT-s-OFDM QPSK	1	1	17.26	17.13	17.14	17.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647166	656000	664834	
15MHz	DFT-s-OFDM QPSK	1	1	17.27	17.22	17.18	17.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647000	656000	665000	
10MHz	DFT-s-OFDM QPSK	1	1	17.13	17.17	17.23	17.70

N78 PC2 Default				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	26.84	/	28.00
		1	137	/	26.66	/	28.00
		1	271	/	26.49	/	28.00
		135	0	/	26.25	/	27.00
		135	69	/	26.49	/	28.00
		135	138	/	26.12	/	27.00
		270	0	/	25.71	/	27.00
	DFT-s-OFDM QPSK	1	1	/	26.91	/	28.00
		1	137	/	26.77	/	28.00
		1	271	/	26.53	/	28.00
		135	0	/	26.39	/	27.00
		135	69	/	26.55	/	28.00
		135	138	/	26.08	/	27.00
		270	0	/	25.82	/	27.00
	DFT-s-OFDM 16QAM	1	1	/	26.20	/	27.00

	DFT-s-OFDM 64QAM	1	1	/	24.85	/	25.50
	DFT-s-OFDM 256QAM	1	1	/	22.66	/	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1	/	24.88	/	25.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				633000	633334	633668	
90MHz	DFT-s-OFDM QPSK	1	1	26.46	26.55	26.56	28.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632668	633334	634000	
80MHz	DFT-s-OFDM QPSK	1	1	26.45	26.47	26.52	28.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632334	633334	634332	
70MHz	DFT-s-OFDM QPSK	1	1	26.53	26.56	26.49	28.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	
60MHz	DFT-s-OFDM QPSK	1	1	26.41	26.47	26.54	28.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631668	633334	635000	
50MHz	DFT-s-OFDM QPSK	1	1	26.42	26.48	26.54	28.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
40MHz	DFT-s-OFDM QPSK	1	1	26.43	26.66	26.40	28.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631000	633334	635668	
30MHz	DFT-s-OFDM QPSK	1	1	26.54	26.61	26.43	28.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	26.49	26.60	26.40	28.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630500	633334	636168	
15MHz	DFT-s-OFDM QPSK	1	1	26.42	26.65	26.45	28.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630334	633334	636334	
10MHz	DFT-s-OFDM QPSK	1	1	26.54	26.61	26.39	28.00

N78 PC2 DS1&5				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	17.63	/	18.50
		1	137	/	17.64	/	18.50
		1	271	/	17.56	/	18.50
		135	0	/	17.68	/	18.50
		135	69	/	17.71	/	18.50
		135	138	/	17.67	/	18.50
		270	0	/	17.68	/	18.50
	DFT-s-OFDM QPSK	1	1	/	17.80	/	18.50
		1	137	/	17.59	/	18.50
		1	271	/	17.65	/	18.50
		135	0	/	17.75	/	18.50
		135	69	/	17.79	/	18.50
		135	138	/	17.73	/	18.50
	270	0	/	17.62	/	18.50	
	DFT-s-OFDM 16QAM	1	1	/	17.56	/	18.50
	DFT-s-OFDM 64QAM	1	1	/	17.74	/	18.50
	DFT-s-OFDM 256QAM	1	1	/	17.61	/	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1	/	17.71	/	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				633000	633334	633668	
90MHz	DFT-s-OFDM QPSK	1	1	17.67	17.70	17.72	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632668	633334	634000	
80MHz	DFT-s-OFDM QPSK	1	1	17.69	17.65	17.72	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632334	633334	634332	
70MHz	DFT-s-OFDM QPSK	1	1	17.61	17.76	17.70	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	
60MHz	DFT-s-OFDM QPSK	1	1	17.65	17.66	17.66	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631668	633334	635000	
50MHz	DFT-s-OFDM QPSK	1	1	17.64	17.65	17.71	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	

40MHz	DFT-s-OFDM QPSK	1	1	17.67	17.67	17.62	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631000	633334	635668	
30MHz	DFT-s-OFDM QPSK	1	1	17.73	17.67	17.64	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	17.70	17.76	17.75	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630500	633334	636168	
15MHz	DFT-s-OFDM QPSK	1	1	17.64	17.61	17.65	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630334	633334	636334	
10MHz	DFT-s-OFDM QPSK	1	1	17.72	17.64	17.68	18.50

N78 PC2 DSI4				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	18.60	/	19.50
		1	137	/	18.62	/	19.50
		1	271	/	18.61	/	19.50
		135	0	/	18.59	/	19.50
		135	69	/	18.60	/	19.50
		135	138	/	18.57	/	19.50
		270	0	/	18.61	/	19.50
	DFT-s-OFDM QPSK	1	1	/	18.69	/	19.50
		1	137	/	18.58	/	19.50
		1	271	/	18.62	/	19.50
		135	0	/	18.64	/	19.50
		135	69	/	18.68	/	19.50
		135	138	/	18.62	/	19.50
		270	0	/	18.64	/	19.50
	DFT-s-OFDM 16QAM	1	1	/	18.63	/	19.50
	DFT-s-OFDM 64QAM	1	1	/	18.66	/	19.50
	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	/	18.60	/	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				633000	633334	633668	

90MHz	DFT-s-OFDM QPSK	1	1	18.60	18.53	18.56	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632668	633334	634000	
80MHz	DFT-s-OFDM QPSK	1	1	18.64	18.55	18.57	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632334	633334	634332	
70MHz	DFT-s-OFDM QPSK	1	1	18.55	18.59	18.61	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	
60MHz	DFT-s-OFDM QPSK	1	1	18.52	18.64	18.51	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631668	633334	635000	
50MHz	DFT-s-OFDM QPSK	1	1	18.58	18.55	18.63	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
40MHz	DFT-s-OFDM QPSK	1	1	18.64	18.57	18.54	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631000	633334	635668	
30MHz	DFT-s-OFDM QPSK	1	1	18.64	18.58	18.57	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	18.60	18.54	18.60	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630500	633334	636168	
15MHz	DFT-s-OFDM QPSK	1	1	18.60	18.60	18.52	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630334	633334	636334	
10MHz	DFT-s-OFDM QPSK	1	1	18.55	18.55	18.55	19.50

N78 PC3 Default				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	24.79	/	25.70
		1	137	/	24.71	/	25.70
		1	271	/	24.00	/	25.70
		135	0	/	24.84	/	25.70
		135	69	/	24.84	/	25.70
		135	138	/	24.82	/	25.70
		270	0	/	24.79	/	25.70

	DFT-s-OFDM QPSK	1	1	/	24.91	/	25.70
		1	137	/	24.86	/	25.70
		1	271	/	24.03	/	25.70
		135	0	/	24.86	/	25.70
		135	69	/	24.89	/	25.70
		135	138	/	24.90	/	25.70
	270	0	/	24.89	/	25.70	
		DFT-s-OFDM 16QAM	1	1	/	24.94	/
	DFT-s-OFDM 64QAM	1	1	/	24.50	/	25.50
	DFT-s-OFDM 256QAM	1	1	/	22.37	/	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1	/	24.52	/	25.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				633000	633334	633668	
90MHz	DFT-s-OFDM QPSK	1	1	24.94	24.88	24.96	25.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632668	633334	634000	
80MHz	DFT-s-OFDM QPSK	1	1	24.79	24.74	24.83	25.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632334	633334	634332	
70MHz	DFT-s-OFDM QPSK	1	1	24.87	24.71	24.77	25.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	
60MHz	DFT-s-OFDM QPSK	1	1	24.91	24.80	24.80	25.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631668	633334	635000	
50MHz	DFT-s-OFDM QPSK	1	1	24.85	24.80	24.82	25.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
40MHz	DFT-s-OFDM QPSK	1	1	24.93	24.75	24.79	25.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631000	633334	635668	
30MHz	DFT-s-OFDM QPSK	1	1	24.82	24.84	24.77	25.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	24.84	24.81	24.89	25.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630500	633334	636168	

15MHz	DFT-s-OFDM QPSK	1	1	24.91	24.75	24.89	25.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630334	633334	636334	
10MHz	DFT-s-OFDM QPSK	1	1	24.91	24.80	24.78	25.70

N78 PC3 DS1&5				Conducted Power(dBm)				
SCS 30kHz(3450~3550)								
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				/	633334	/		
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	15.61	/	16.20	
		1	137	/	15.61	/	16.20	
		1	271	/	15.60	/	16.20	
		135	0	/	15.66	/	16.20	
		135	69	/	15.65	/	16.20	
		135	138	/	15.62	/	16.20	
		270	0	/	15.60	/	16.20	
	DFT-s-OFDM QPSK	1	1	/	15.76	/	16.20	
		1	137	/	15.61	/	16.20	
		1	271	/	15.65	/	16.20	
		135	0	/	15.65	/	16.20	
		135	69	/	15.70	/	16.20	
		135	138	/	15.66	/	16.20	
		270	0	/	15.57	/	16.20	
	DFT-s-OFDM 16QAM	1	1	/	15.58	/	16.20	
	DFT-s-OFDM 64QAM	1	1	/	15.68	/	16.20	
	DFT-s-OFDM 256QAM	1	1	/	15.60	/	16.20	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					/	633334	/	
	100MHz	CP-OFDM QPSK	1	1	/	15.51	/	16.20
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				633000	633334	633668		
90MHz	DFT-s-OFDM QPSK	1	1	15.58	15.56	15.55	16.20	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				632668	633334	634000		
80MHz	DFT-s-OFDM QPSK	1	1	15.62	15.52	15.56	16.20	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				632334	633334	634332		

70MHz	DFT-s-OFDM QPSK	1	1	15.59	15.58	15.61	16.20
Bandwidth	Modulation	RB size	RB offset	Channel 632000	Channel 633334	Channel 634668	Tune up
60MHz	DFT-s-OFDM QPSK	1	1	15.61	15.51	15.52	16.20
Bandwidth	Modulation	RB size	RB offset	Channel 631668	Channel 633334	Channel 635000	Tune up
50MHz	DFT-s-OFDM QPSK	1	1	15.55	15.59	15.58	16.20
Bandwidth	Modulation	RB size	RB offset	Channel 631334	Channel 633334	Channel 635334	Tune up
40MHz	DFT-s-OFDM QPSK	1	1	15.61	15.57	15.57	16.20
Bandwidth	Modulation	RB size	RB offset	Channel 631000	Channel 633334	Channel 635668	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	15.61	15.59	15.57	16.20
Bandwidth	Modulation	RB size	RB offset	Channel 630668	Channel 633334	Channel 636000	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	15.60	15.60	15.53	16.20
Bandwidth	Modulation	RB size	RB offset	Channel 630500	Channel 633334	Channel 636168	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	15.61	15.54	15.55	16.20
Bandwidth	Modulation	RB size	RB offset	Channel 630334	Channel 633334	Channel 636334	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	15.55	15.53	15.55	16.20

N78 PC3 DSI4				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	633334	/	17.70
		1	137	/	16.85	/	17.70
		1	271	/	16.88	/	17.70
		135	0	/	16.91	/	17.70
		135	69	/	16.89	/	17.70
		135	138	/	16.76	/	17.70
		270	0	/	16.80	/	17.70
	DFT-s-OFDM QPSK	1	1	/	16.99	/	17.70
		1	137	/	16.78	/	17.70
		1	271	/	16.74	/	17.70
		135	0	/	16.84	/	17.70
		135	69	/	16.84	/	17.70
		135	138	/	16.95	/	17.70
		270	0	/	16.77	/	17.70
270	0	/	16.86	/	17.70		

	DFT-s-OFDM 16QAM	1	1	/	16.90	/	17.70
	DFT-s-OFDM 64QAM	1	1	/	16.92	/	17.70
	DFT-s-OFDM 256QAM	1	1	/	16.82	/	17.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1	/	16.88	/	17.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				633000	633334	633668	
90MHz	DFT-s-OFDM QPSK	1	1	16.62	16.72	16.77	17.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632668	633334	634000	
80MHz	DFT-s-OFDM QPSK	1	1	16.84	16.78	16.92	17.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632334	633334	634332	
70MHz	DFT-s-OFDM QPSK	1	1	16.65	16.92	16.76	17.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	
60MHz	DFT-s-OFDM QPSK	1	1	16.67	16.92	16.86	17.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631668	633334	635000	
50MHz	DFT-s-OFDM QPSK	1	1	16.67	16.85	16.63	17.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
40MHz	DFT-s-OFDM QPSK	1	1	16.76	16.81	16.65	17.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631000	633334	635668	
30MHz	DFT-s-OFDM QPSK	1	1	16.96	16.85	16.67	17.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	16.96	16.66	16.72	17.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630500	633334	636168	
15MHz	DFT-s-OFDM QPSK	1	1	16.68	16.76	16.78	17.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630334	633334	636334	
10MHz	DFT-s-OFDM QPSK	1	1	16.68	16.71	16.75	17.70

N78 PC2 Default				Conducted Power(dBm)			
SCS 30kHz(3700~3800)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	26.90	/	28.00
		1	137	/	26.50	/	28.00
		1	271	/	26.51	/	28.00
		135	0	/	26.34	/	27.00
		135	69	/	26.48	/	28.00
		135	138	/	26.08	/	27.00
		270	0	/	25.60	/	27.00
	DFT-s-OFDM QPSK	1	1	/	26.90	/	28.00
		1	137	/	26.68	/	28.00
		1	271	/	26.63	/	28.00
		135	0	/	26.34	/	27.00
		135	69	/	26.56	/	28.00
		135	138	/	26.16	/	27.00
		270	0	/	25.88	/	27.00
	DFT-s-OFDM 16QAM	1	1	/	26.11	/	27.00
	DFT-s-OFDM 64QAM	1	1	/	24.82	/	25.50
	DFT-s-OFDM 256QAM	1	1	/	22.72	/	23.50
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				/	650000	/	
100MHz	CP-OFDM QPSK	1	1	/	24.63	/	25.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649668	650000	650334	
90MHz	DFT-s-OFDM QPSK	1	1	26.51	26.64	26.53	28.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649334	650000	650668	
80MHz	DFT-s-OFDM QPSK	1	1	26.53	26.55	26.47	28.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649000	650000	651002	
70MHz	DFT-s-OFDM QPSK	1	1	26.40	26.52	26.49	28.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648668	650000	651334	
60MHz	DFT-s-OFDM QPSK	1	1	26.50	26.60	26.45	28.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648334	650000	651668	
50MHz	DFT-s-OFDM QPSK	1	1	26.53	26.53	26.54	28.00



Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648000	650000	652000	
40MHz	DFT-s-OFDM QPSK	1	1	26.41	26.64	26.40	28.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647668	650000	652334	
30MHz	DFT-s-OFDM QPSK	1	1	26.53	26.59	26.45	28.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647334	650000	652668	
20MHz	DFT-s-OFDM QPSK	1	1	26.49	26.62	26.50	28.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647668	650000	652334	
30MHz	DFT-s-OFDM QPSK	1	1	26.42	26.58	26.40	28.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647334	650000	652668	
20MHz	DFT-s-OFDM QPSK	1	1	26.44	26.52	26.42	28.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647166	650000	652836	
15MHz	DFT-s-OFDM QPSK	1	1	26.44	26.64	26.46	28.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647000	650000	653002	
10MHz	DFT-s-OFDM QPSK	1	1	26.46	26.54	26.48	28.00

N78 PC2 DSI1&5				Conducted Power(dBm)			
SCS 30kHz(3700~3800)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	17.67	/	18.50
		1	137	/	17.62	/	18.50
		1	271	/	17.70	/	18.50
		135	0	/	17.62	/	18.50
		135	69	/	17.54	/	18.50
		135	138	/	17.75	/	18.50
		270	0	/	17.67	/	18.50
	DFT-s-OFDM QPSK	1	1	/	17.75	/	18.50
		1	137	/	17.63	/	18.50
		1	271	/	17.66	/	18.50
		135	0	/	17.72	/	18.50
		135	69	/	17.64	/	18.50
		135	138	/	17.53	/	18.50
		270	0	/	17.69	/	18.50

	DFT-s-OFDM 16QAM	1	1	/	17.68	/	18.50
	DFT-s-OFDM 64QAM	1	1	/	17.61	/	18.50
	DFT-s-OFDM 256QAM	1	1	/	17.65	/	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
100MHz	CP-OFDM QPSK	1	1	/	17.60	/	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649668	650000	650334	
90MHz	DFT-s-OFDM QPSK	1	1	17.54	17.73	17.51	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649334	650000	650668	
80MHz	DFT-s-OFDM QPSK	1	1	17.57	17.67	17.58	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649000	650000	651002	
70MHz	DFT-s-OFDM QPSK	1	1	17.60	17.68	17.59	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648668	650000	651334	
60MHz	DFT-s-OFDM QPSK	1	1	17.63	17.60	17.58	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648334	650000	651668	
50MHz	DFT-s-OFDM QPSK	1	1	17.63	17.73	17.50	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648000	650000	652000	
40MHz	DFT-s-OFDM QPSK	1	1	17.61	17.61	17.55	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647668	650000	652334	
30MHz	DFT-s-OFDM QPSK	1	1	17.64	17.69	17.50	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647334	650000	652668	
20MHz	DFT-s-OFDM QPSK	1	1	17.64	17.66	17.60	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647668	650000	652334	
30MHz	DFT-s-OFDM QPSK	1	1	17.64	17.69	17.50	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647334	650000	652668	
20MHz	DFT-s-OFDM QPSK	1	1	17.64	17.66	17.60	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647668	650000	652334	

				647166	650000	652836	
15MHz	DFT-s-OFDM QPSK	1	1	17.59	17.41	17.41	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647000	650000	653002	
10MHz	DFT-s-OFDM QPSK	1	1	17.60	17.45	17.32	18.50

N78 PC2 DSI4				Conducted Power(dBm)				
SCS 30kHz(3700~3800)								
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				/	650000	/		
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	18.68	/	19.50	
		1	137	/	18.59	/	19.50	
		1	271	/	18.57	/	19.50	
		135	0	/	18.57	/	19.50	
		135	69	/	18.67	/	19.50	
		135	138	/	18.59	/	19.50	
		270	0	/	18.67	/	19.50	
	DFT-s-OFDM QPSK	1	1	/	18.68	/	19.50	
		1	137	/	18.63	/	19.50	
		1	271	/	18.59	/	19.50	
		135	0	/	18.63	/	19.50	
		135	69	/	18.66	/	19.50	
		135	138	/	18.62	/	19.50	
	DFT-s-OFDM 16QAM	1	1	/	18.63	/	19.50	
		1	1	/	18.59	/	19.50	
		1	1	/	18.62	/	19.50	
	DFT-s-OFDM 64QAM	1	1	/	18.59	/	19.50	
	DFT-s-OFDM 256QAM	1	1	/	18.62	/	19.50	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					/	650000	/	
100MHz	CP-OFDM QPSK	1	1	/	18.56	/	19.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				649668	650000	650334		
90MHz	DFT-s-OFDM QPSK	1	1	18.57	18.68	18.53	19.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				649334	650000	650668		
80MHz	DFT-s-OFDM QPSK	1	1	18.61	18.66	18.54	19.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				649000	650000	651002		
70MHz	DFT-s-OFDM QPSK	1	1	18.56	18.65	18.56	19.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				648668	650000	651334		

60MHz	DFT-s-OFDM QPSK	1	1	18.58	18.58	18.57	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648334	650000	651668	
50MHz	DFT-s-OFDM QPSK	1	1	18.59	18.60	18.62	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648000	650000	652000	
40MHz	DFT-s-OFDM QPSK	1	1	18.60	18.58	18.58	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647668	650000	652334	
30MHz	DFT-s-OFDM QPSK	1	1	18.59	18.62	18.62	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647334	650000	652668	
20MHz	DFT-s-OFDM QPSK	1	1	18.58	18.59	18.57	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647668	650000	652334	
30MHz	DFT-s-OFDM QPSK	1	1	18.59	18.62	18.62	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647334	650000	652668	
20MHz	DFT-s-OFDM QPSK	1	1	18.58	18.59	18.57	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647166	650000	652836	
15MHz	DFT-s-OFDM QPSK	1	1	18.62	18.57	18.59	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647000	650000	653002	
10MHz	DFT-s-OFDM QPSK	1	1	18.56	18.53	18.51	19.50

N78 PC3 Default				Conducted Power(dBm)			
SCS 30kHz(3700~3800)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	24.95	/	25.70
		1	137	/	25.05	/	25.70
		1	271	/	24.23	/	25.70
		135	0	/	25.00	/	25.70
		135	69	/	25.00	/	25.70
		135	138	/	25.03	/	25.70
	DFT-s-OFDM QPSK	270	0	/	24.96	/	25.70
		1	1	/	24.83	/	25.70
		1	137	/	25.09	/	25.70
		1	271	/	25.01	/	25.70
		135	0	/	24.92	/	25.70

		135	69	/	24.91	/	25.70
		135	138	/	24.85	/	25.70
		270	0	/	24.91	/	25.70
	DFT-s-OFDM 16QAM	1	1	/	24.91	/	25.70
	DFT-s-OFDM 64QAM	1	1	/	24.35	/	25.50
	DFT-s-OFDM 256QAM	1	1	/	22.11	/	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
100MHz	CP-OFDM QPSK	1	1	/	24.33	/	25.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649668	650000	650334	
90MHz	DFT-s-OFDM QPSK	1	1	24.93	24.93	24.96	25.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649334	650000	650668	
80MHz	DFT-s-OFDM QPSK	1	1	24.90	24.76	24.76	25.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649000	650000	651002	
70MHz	DFT-s-OFDM QPSK	1	1	24.87	24.81	24.89	25.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648668	650000	651334	
60MHz	DFT-s-OFDM QPSK	1	1	24.93	24.81	24.78	25.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648334	650000	651668	
50MHz	DFT-s-OFDM QPSK	1	1	24.85	24.70	24.84	25.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648000	650000	652000	
40MHz	DFT-s-OFDM QPSK	1	1	24.86	24.72	24.79	25.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647668	650000	652334	
30MHz	DFT-s-OFDM QPSK	1	1	24.87	24.74	24.86	25.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647334	650000	652668	
20MHz	DFT-s-OFDM QPSK	1	1	24.85	24.72	24.85	25.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647668	650000	652334	
30MHz	DFT-s-OFDM QPSK	1	1	24.88	24.74	24.79	25.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up

				647334	650000	652668	
20MHz	DFT-s-OFDM QPSK	1	1	24.90	24.78	24.77	25.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647166	650000	652836	
15MHz	DFT-s-OFDM QPSK	1	1	24.82	24.81	24.78	25.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647000	650000	653002	
10MHz	DFT-s-OFDM QPSK	1	1	24.83	24.74	24.78	25.70

N78 PC3 DS1&5				Conducted Power(dBm)				
SCS 30kHz(3700~3800)								
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				/	650000	/		
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	15.60	/	16.20	
		1	137	/	15.60	/	16.20	
		1	271	/	15.65	/	16.20	
		135	0	/	15.65	/	16.20	
		135	69	/	15.57	/	16.20	
		135	138	/	15.66	/	16.20	
		270	0	/	15.67	/	16.20	
	DFT-s-OFDM QPSK	1	1	/	15.69	/	16.20	
		1	137	/	15.61	/	16.20	
		1	271	/	15.65	/	16.20	
		135	0	/	15.63	/	16.20	
		135	69	/	15.66	/	16.20	
		135	138	/	15.57	/	16.20	
		270	0	/	15.60	/	16.20	
	DFT-s-OFDM 16QAM	1	1	/	15.64	/	16.20	
	DFT-s-OFDM 64QAM	1	1	/	15.59	/	16.20	
	DFT-s-OFDM 256QAM	1	1	/	15.60	/	16.20	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					/	650000	/	
	100MHz	CP-OFDM QPSK	1	1	/	15.55	/	16.20
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
649668					650000	650334		
90MHz	DFT-s-OFDM QPSK	1	1	15.60	15.61	15.52	16.20	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				649334	650000	650668		

80MHz	DFT-s-OFDM QPSK	1	1	15.61	15.60	15.55	16.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649000	650000	651002	
70MHz	DFT-s-OFDM QPSK	1	1	15.59	15.66	15.59	16.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648668	650000	651334	
60MHz	DFT-s-OFDM QPSK	1	1	15.58	15.68	15.58	16.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648334	650000	651668	
50MHz	DFT-s-OFDM QPSK	1	1	15.54	15.60	15.60	16.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648000	650000	652000	
40MHz	DFT-s-OFDM QPSK	1	1	15.51	15.66	15.58	16.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647668	650000	652334	
30MHz	DFT-s-OFDM QPSK	1	1	15.54	15.68	15.53	16.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647334	650000	652668	
20MHz	DFT-s-OFDM QPSK	1	1	15.54	15.68	15.61	16.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647668	650000	652334	
30MHz	DFT-s-OFDM QPSK	1	1	15.54	15.68	15.53	16.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647334	650000	652668	
20MHz	DFT-s-OFDM QPSK	1	1	15.54	15.68	15.61	16.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647166	650000	652836	
15MHz	DFT-s-OFDM QPSK	1	1	15.58	15.47	15.46	16.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647000	650000	653002	
10MHz	DFT-s-OFDM QPSK	1	1	15.54	15.52	15.46	16.20

N78 PC3 DS14				Conducted Power(dBm)			
SCS 30kHz(3700~3800)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	16.77	/	17.70
		1	137	/	16.85	/	17.70
		1	271	/	16.78	/	17.70
		135	0	/	16.77	/	17.70

		135	69	/	16.87	/	17.70
		135	138	/	16.81	/	17.70
		270	0	/	16.84	/	17.70
	DFT-s-OFDM QPSK	1	1	/	16.98	/	17.70
		1	137	/	16.74	/	17.70
		1	271	/	16.86	/	17.70
		135	0	/	16.94	/	17.70
		135	69	/	16.96	/	17.70
		135	138	/	16.83	/	17.70
		270	0	/	16.91	/	17.70
	DFT-s-OFDM 16QAM	1	1	/	16.87	/	17.70
	DFT-s-OFDM 64QAM	1	1	/	16.81	/	17.70
	DFT-s-OFDM 256QAM	1	1	/	16.86	/	17.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
100MHz	CP-OFDM QPSK	1	1	/	16.80	/	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649668	650000	650334	
90MHz	DFT-s-OFDM QPSK	1	1	16.83	16.85	16.82	17.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649334	650000	650668	
80MHz	DFT-s-OFDM QPSK	1	1	16.86	16.84	16.74	17.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649000	650000	651002	
70MHz	DFT-s-OFDM QPSK	1	1	16.74	16.97	16.75	17.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648668	650000	651334	
60MHz	DFT-s-OFDM QPSK	1	1	16.76	16.84	16.72	17.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648334	650000	651668	
50MHz	DFT-s-OFDM QPSK	1	1	16.83	16.97	16.73	17.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648000	650000	652000	
40MHz	DFT-s-OFDM QPSK	1	1	16.76	16.98	16.75	17.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647668	650000	652334	
30MHz	DFT-s-OFDM QPSK	1	1	16.75	16.92	16.75	17.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647334	650000	652668	

20MHz	DFT-s-OFDM QPSK	1	1	16.76	16.86	16.82	17.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647668	650000	652334	
30MHz	DFT-s-OFDM QPSK	1	1	16.75	16.92	16.75	17.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647334	650000	652668	
20MHz	DFT-s-OFDM QPSK	1	1	16.76	16.86	16.82	17.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647166	650000	652836	
15MHz	DFT-s-OFDM QPSK	1	1	16.57	16.71	16.64	17.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647000	650000	653002	
10MHz	DFT-s-OFDM QPSK	1	1	16.79	16.64	16.57	17.70

9.8 Conducted Power of NR Antenna (Ant7)

N77 PC2 Default				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	24.16	/	25.30
		1	137	/	24.35	/	25.30
		1	271	/	23.98	/	25.30
		135	0	/	24.03	/	24.30
		135	69	/	24.17	/	25.30
		135	138	/	24.09	/	24.30
		270	0	/	24.07	/	24.30
	DFT-s-OFDM QPSK	1	1	/	24.39	/	25.30
		1	137	/	24.38	/	25.30
		1	271	/	24.09	/	25.30
		135	0	/	24.08	/	24.30
		135	69	/	24.28	/	25.30
		135	138	/	24.22	/	24.30
	DFT-s-OFDM 16QAM	1	1	/	23.17	/	24.30
		1	1	/	21.97	/	22.80
1		1	/	19.65	/	20.80	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	

100MHz	CP-OFDM QPSK	1	1	/	22.05	/	22.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				633000	633334	633668	
90MHz	DFT-s-OFDM QPSK	1	1	24.18	24.26	24.14	25.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632668	633334	634000	
80MHz	DFT-s-OFDM QPSK	1	1	24.17	24.23	24.26	25.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632334	633334	634334	
70MHz	DFT-s-OFDM QPSK	1	1	24.18	24.26	24.25	25.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	
60MHz	DFT-s-OFDM QPSK	1	1	24.18	24.22	24.17	25.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631668	633334	635000	
50MHz	DFT-s-OFDM QPSK	1	1	24.22	24.18	24.25	25.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
40MHz	DFT-s-OFDM QPSK	1	1	24.14	24.25	24.21	25.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631002	633334	635666	
30MHz	DFT-s-OFDM QPSK	1	1	24.15	24.17	24.23	25.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	24.14	24.22	24.19	25.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630500	633334	636168	
15MHz	DFT-s-OFDM QPSK	1	1	24.06	24.11	24.09	25.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630334	633334	636334	
10MHz	DFT-s-OFDM QPSK	1	1	24.09	24.16	24.10	25.30

N77 PC2 DSI1&3&5				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	18.59	/	19.30
		1	137	/	18.58	/	19.30

				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	18.62	18.58	18.61	19.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630500	633334	636168	
15MHz	DFT-s-OFDM QPSK	1	1	18.61	18.63	18.65	19.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630334	633334	636334	
10MHz	DFT-s-OFDM QPSK	1	1	18.59	18.65	18.65	19.30

N77 PC3 Default				Conducted Power(dBm)				
SCS 30kHz(3450~3550)								
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	633334	/	23.30	
		1	137	/	21.51	/	23.30	
		1	271	/	21.77	/	23.30	
		135	0	/	21.83	/	23.30	
		135	69	/	20.85	/	22.30	
		135	138	/	21.81	/	23.30	
		135	138	/	20.76	/	22.30	
	270	0	/	20.65	/	22.30		
	DFT-s-OFDM QPSK	1	1	/	22.06	/	23.30	
		1	137	/	21.85	/	23.30	
		1	271	/	21.95	/	23.30	
		135	0	/	21.95	/	23.30	
		135	69	/	20.83	/	22.30	
		135	69	/	22.01	/	23.30	
		135	138	/	20.94	/	22.30	
	270	0	/	20.92	/	22.30		
	DFT-s-OFDM 16QAM	1	1	/	20.89	/	22.30	
	DFT-s-OFDM 64QAM	1	1	/	19.39	/	20.80	
	DFT-s-OFDM 256QAM	1	1	/	17.26	/	18.80	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					/	633334	/	
100MHz	CP-OFDM QPSK	1	1	/	19.45	/	20.80	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				633000	633334	633668		
90MHz	DFT-s-OFDM QPSK	1	1	21.43	21.52	21.56	23.30	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				632668	633334	634000		
80MHz	DFT-s-OFDM QPSK	1	1	21.46	21.52	21.51	23.30	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				632334	633334	634334		

70MHz	DFT-s-OFDM QPSK	1	1	21.56	21.48	21.59	23.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	
60MHz	DFT-s-OFDM QPSK	1	1	21.47	21.59	21.62	23.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631668	633334	635000	
50MHz	DFT-s-OFDM QPSK	1	1	21.45	21.51	21.60	23.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
40MHz	DFT-s-OFDM QPSK	1	1	21.57	21.52	21.50	23.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631002	633334	635666	
30MHz	DFT-s-OFDM QPSK	1	1	21.55	21.51	21.50	23.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	21.48	21.47	21.60	23.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630500	633334	636168	
15MHz	DFT-s-OFDM QPSK	1	1	21.43	21.52	21.48	23.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630334	633334	636334	
10MHz	DFT-s-OFDM QPSK	1	1	21.46	21.44	21.46	23.30

N77 PC3 DSI1&3&5				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	16.55	/	17.30
		1	137	/	16.62	/	17.30
		1	271	/	16.61	/	17.30
		135	0	/	16.56	/	17.30
		135	69	/	16.53	/	17.30
		135	138	/	16.62	/	17.30
		270	0	/	16.62	/	17.30
	DFT-s-OFDM QPSK	1	1	/	16.76	/	17.30
		1	137	/	16.61	/	17.30
		1	271	/	16.58	/	17.30
		135	0	/	16.61	/	17.30
		135	69	/	16.66	/	17.30
		135	138	/	16.54	/	17.30
		270	0	/	16.60	/	17.30

	DFT-s-OFDM 16QAM	1	1	/	16.54	/	17.30
	DFT-s-OFDM 64QAM	1	1	/	16.63	/	17.30
	DFT-s-OFDM 256QAM	1	1	/	16.60	/	17.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1	/	16.54	/	17.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				633000	633334	633668	
90MHz	DFT-s-OFDM QPSK	1	1	16.62	16.58	16.56	17.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632668	633334	634000	
80MHz	DFT-s-OFDM QPSK	1	1	16.57	16.54	16.63	17.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632334	633334	634334	
70MHz	DFT-s-OFDM QPSK	1	1	16.54	16.60	16.57	17.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	
60MHz	DFT-s-OFDM QPSK	1	1	16.57	16.59	16.63	17.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631668	633334	635000	
50MHz	DFT-s-OFDM QPSK	1	1	16.59	16.57	16.63	17.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
40MHz	DFT-s-OFDM QPSK	1	1	16.54	16.61	16.55	17.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631002	633334	635666	
30MHz	DFT-s-OFDM QPSK	1	1	16.56	16.61	16.58	17.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	16.56	16.59	16.56	17.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630500	633334	636168	
15MHz	DFT-s-OFDM QPSK	1	1	16.64	16.57	16.62	17.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630334	633334	636334	
10MHz	DFT-s-OFDM QPSK	1	1	16.60	16.62	16.58	17.30

N77 PC2 DSI4				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	24.16	/	25.30
		1	137	/	24.35	/	25.30
		1	271	/	23.98	/	25.30
		135	0	/	24.03	/	24.30
		135	69	/	24.17	/	25.30
		135	138	/	24.09	/	24.30
		270	0	/	24.07	/	24.30
	DFT-s-OFDM QPSK	1	1	/	24.39	/	25.30
		1	137	/	24.38	/	25.30
		1	271	/	24.09	/	25.30
		135	0	/	24.08	/	24.30
		135	69	/	24.28	/	25.30
		135	138	/	24.22	/	24.30
	DFT-s-OFDM 16QAM	1	1	/	23.17	/	24.30
	DFT-s-OFDM 64QAM	1	1	/	21.97	/	22.80
	DFT-s-OFDM 256QAM	1	1	/	19.65	/	20.80
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1	/	22.05	/	22.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				633000	633334	633668	
90MHz	DFT-s-OFDM QPSK	1	1	24.18	24.26	24.14	25.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632668	633334	634000	
80MHz	DFT-s-OFDM QPSK	1	1	24.17	24.23	24.26	25.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632334	633334	634334	
70MHz	DFT-s-OFDM QPSK	1	1	24.18	24.26	24.25	25.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	
60MHz	DFT-s-OFDM QPSK	1	1	24.18	24.22	24.17	25.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631668	633334	635000	
50MHz	DFT-s-OFDM QPSK	1	1	24.22	24.18	24.25	25.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	

40MHz	DFT-s-OFDM QPSK	1	1	24.14	24.25	24.21	25.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631002	633334	635666	
30MHz	DFT-s-OFDM QPSK	1	1	24.15	24.17	24.23	25.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	24.14	24.22	24.19	25.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630500	633334	636168	
15MHz	DFT-s-OFDM QPSK	1	1	24.06	24.11	24.09	25.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630334	633334	636334	
10MHz	DFT-s-OFDM QPSK	1	1	24.09	24.16	24.10	25.30

N77 PC3 DS14				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	21.51	/	23.30
		1	137	/	21.77	/	23.30
		1	271	/	21.83	/	23.30
		135	0	/	20.85	/	22.30
		135	69	/	21.81	/	23.30
		135	138	/	20.76	/	22.30
		270	0	/	20.65	/	22.30
	DFT-s-OFDM QPSK	1	1	/	22.06	/	23.30
		1	137	/	21.85	/	23.30
		1	271	/	21.95	/	23.30
		135	0	/	20.83	/	22.30
		135	69	/	22.01	/	23.30
		135	138	/	20.94	/	22.30
		270	0	/	20.92	/	22.30
	DFT-s-OFDM 16QAM	1	1	/	20.89	/	22.30
	DFT-s-OFDM 64QAM	1	1	/	19.39	/	20.80
	DFT-s-OFDM 256QAM	1	1	/	17.26	/	18.80
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1	/	19.45	/	20.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				633000	633334	633668	

90MHz	DFT-s-OFDM QPSK	1	1	21.43	21.52	21.56	23.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632668	633334	634000	
80MHz	DFT-s-OFDM QPSK	1	1	21.46	21.52	21.51	23.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632334	633334	634334	
70MHz	DFT-s-OFDM QPSK	1	1	21.56	21.48	21.59	23.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	
60MHz	DFT-s-OFDM QPSK	1	1	21.47	21.59	21.62	23.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631668	633334	635000	
50MHz	DFT-s-OFDM QPSK	1	1	21.45	21.51	21.60	23.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
40MHz	DFT-s-OFDM QPSK	1	1	21.57	21.52	21.50	23.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631002	633334	635666	
30MHz	DFT-s-OFDM QPSK	1	1	21.55	21.51	21.50	23.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	21.48	21.47	21.60	23.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630500	633334	636168	
15MHz	DFT-s-OFDM QPSK	1	1	21.43	21.52	21.48	23.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630334	633334	636334	
10MHz	DFT-s-OFDM QPSK	1	1	21.46	21.44	21.46	23.30

N77 PC2 Default				Conducted Power(dBm)			
SCS 30kHz(3700~3980)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	650000	656000	662000	25.30
		1	137	24.12	24.14	24.15	25.30
		1	271	24.17	24.17	24.07	25.30
		135	0	23.94	23.98	23.93	25.30
		135	69	23.95	23.85	23.82	24.30
		135	138	24.04	24.04	23.94	25.30
		270	0	23.96	23.79	23.91	24.30
	DFT-s-OFDM	1	1	24.04	23.95	23.84	24.30
				24.20	24.31	24.20	25.30

	QPSK	1	137	24.16	24.19	24.20	25.30
		1	271	24.03	23.95	24.04	25.30
		135	0	23.97	24.04	23.95	24.30
		135	69	24.13	24.06	24.02	25.30
		135	138	24.14	24.04	23.94	24.30
	270	0	24.02	24.05	23.88	24.30	
	DFT-s-OFDM 16QAM	1	1	23.39	23.42	23.33	24.30
	DFT-s-OFDM 64QAM	1	1	22.19	22.10	22.14	22.80
	DFT-s-OFDM 256QAM	1	1	19.84	19.96	19.75	20.80
Bandwidth	Modulation	RB size	RB offset	Channel 650000	Channel 656000	Channel 662000	Tune up
100MHz	CP-OFDM QPSK	1	1	22.12	22.10	22.16	22.80
Bandwidth	Modulation	RB size	RB offset	Channel 633000	Channel 633334	Channel 633668	Tune up
90MHz	DFT-s-OFDM QPSK	1	1	24.13	24.09	24.03	25.30
Bandwidth	Modulation	RB size	RB offset	Channel 632668	Channel 633334	Channel 634000	Tune up
80MHz	DFT-s-OFDM QPSK	1	1	24.03	24.09	24.08	25.30
Bandwidth	Modulation	RB size	RB offset	Channel 632334	Channel 633334	Channel 634332	Tune up
70MHz	DFT-s-OFDM QPSK	1	1	24.06	24.14	24.05	25.30
Bandwidth	Modulation	RB size	RB offset	Channel 632000	Channel 633334	Channel 634668	Tune up
60MHz	DFT-s-OFDM QPSK	1	1	24.24	24.17	24.19	25.30
Bandwidth	Modulation	RB size	RB offset	Channel 631668	Channel 633334	Channel 635000	Tune up
50MHz	DFT-s-OFDM QPSK	1	1	24.19	24.22	24.03	25.30
Bandwidth	Modulation	RB size	RB offset	Channel 631334	Channel 633334	Channel 635334	Tune up
40MHz	DFT-s-OFDM QPSK	1	1	24.13	24.12	24.10	25.30
Bandwidth	Modulation	RB size	RB offset	Channel 631000	Channel 633334	Channel 635668	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	24.12	24.05	24.09	25.30
Bandwidth	Modulation	RB size	RB offset	Channel 630668	Channel 633334	Channel 636000	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	24.03	24.03	24.13	25.30
Bandwidth	Modulation	RB size	RB offset	Channel 630500	Channel 633334	Channel 636168	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	24.15	24.13	24.16	25.30

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630334	633334	636334	
10MHz	DFT-s-OFDM QPSK	1	1	24.08	24.13	24.06	25.30

N77 PC2 DSI1&3&5				Conducted Power(dBm)			
SCS 30kHz(3700~3980)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				650000	656000	662000	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	18.65	18.76	18.71	19.30
		1	137	18.71	18.72	18.79	19.30
		1	271	18.67	18.73	18.64	19.30
		135	0	18.74	18.63	18.70	19.30
		135	69	18.70	18.66	18.71	19.30
		135	138	18.71	18.82	18.60	19.30
	DFT-s-OFDM QPSK	270	0	18.78	18.64	18.76	19.30
		1	1	18.73	18.86	18.73	19.30
		1	137	18.71	18.63	18.68	19.30
		1	271	18.65	18.79	18.81	19.30
		135	0	18.74	18.67	18.67	19.30
		135	69	18.72	18.82	18.75	19.30
	DFT-s-OFDM 16QAM	135	138	18.65	18.78	18.71	19.30
		270	0	18.73	18.75	18.80	19.30
		1	1	18.81	18.68	18.72	19.30
	DFT-s-OFDM 64QAM	1	1	18.69	18.71	18.68	19.30
	DFT-s-OFDM 256QAM	1	1	18.76	18.70	18.71	19.30
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
100MHz	CP-OFDM QPSK	1	1	650000	656000	662000	19.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
90MHz	DFT-s-OFDM QPSK	1	1	633000	633334	633668	19.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
80MHz	DFT-s-OFDM QPSK	1	1	632668	633334	634000	19.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
70MHz	DFT-s-OFDM QPSK	1	1	632334	633334	634332	19.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
60MHz	DFT-s-OFDM QPSK	1	1	632000	633334	634668	19.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up

				631668	633334	635000	
50MHz	DFT-s-OFDM QPSK	1	1	18.82	18.73	18.80	19.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
40MHz	DFT-s-OFDM QPSK	1	1	18.80	18.74	18.76	19.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631000	633334	635668	
30MHz	DFT-s-OFDM QPSK	1	1	18.81	18.73	18.84	19.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	18.72	18.74	18.78	19.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630500	633334	636168	
15MHz	DFT-s-OFDM QPSK	1	1	18.85	18.74	18.80	19.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630334	633334	636334	
10MHz	DFT-s-OFDM QPSK	1	1	18.76	18.76	18.78	19.30

N77 PC3 Default				Conducted Power(dBm)			
SCS 30kHz(3700~3980)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				650000	656000	662000	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	21.44	21.46	21.51	23.30
		1	137	21.51	21.67	21.58	23.30
		1	271	21.51	21.55	21.57	23.30
		135	0	20.46	20.46	20.43	22.30
		135	69	21.68	21.47	21.40	23.30
		135	138	20.59	20.60	20.47	22.30
		270	0	20.39	20.56	20.47	22.30
	DFT-s-OFDM QPSK	1	1	21.87	22.01	21.84	23.30
		1	137	21.73	21.83	21.72	23.30
		1	271	21.63	21.73	21.58	23.30
		135	0	20.74	20.68	20.43	22.30
		135	69	21.76	21.99	21.83	23.30
		135	138	20.54	20.77	20.49	22.30
		270	0	20.62	20.73	20.44	22.30
	DFT-s-OFDM 16QAM	1	1	20.77	20.73	20.72	22.30
	DFT-s-OFDM 64QAM	1	1	19.23	19.18	19.17	20.80
	DFT-s-OFDM 256QAM	1	1	17.01	17.04	16.99	18.80
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				650000	656000	662000	

100MHz	CP-OFDM QPSK	1	1	19.31	19.23	19.16	20.80
Bandwidth	Modulation	RB size	RB offset	Channel 633000	Channel 633334	Channel 633668	Tune up
90MHz	DFT-s-OFDM QPSK	1	1	17.67	17.70	17.72	23.30
Bandwidth	Modulation	RB size	RB offset	Channel 632668	Channel 633334	Channel 634000	Tune up
80MHz	DFT-s-OFDM QPSK	1	1	17.69	17.65	17.72	23.30
Bandwidth	Modulation	RB size	RB offset	Channel 632334	Channel 633334	Channel 634332	Tune up
70MHz	DFT-s-OFDM QPSK	1	1	17.61	17.76	17.70	23.30
Bandwidth	Modulation	RB size	RB offset	Channel 632000	Channel 633334	Channel 634668	Tune up
60MHz	DFT-s-OFDM QPSK	1	1	17.65	17.66	17.66	23.30
Bandwidth	Modulation	RB size	RB offset	Channel 631668	Channel 633334	Channel 635000	Tune up
50MHz	DFT-s-OFDM QPSK	1	1	17.64	17.65	17.71	23.30
Bandwidth	Modulation	RB size	RB offset	Channel 631334	Channel 633334	Channel 635334	Tune up
40MHz	DFT-s-OFDM QPSK	1	1	17.67	17.67	17.62	23.30
Bandwidth	Modulation	RB size	RB offset	Channel 631000	Channel 633334	Channel 635668	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	17.73	17.67	17.64	23.30
Bandwidth	Modulation	RB size	RB offset	Channel 630668	Channel 633334	Channel 636000	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	17.70	17.76	17.75	23.30
Bandwidth	Modulation	RB size	RB offset	Channel 630500	Channel 633334	Channel 636168	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	17.64	17.61	17.65	23.30
Bandwidth	Modulation	RB size	RB offset	Channel 630334	Channel 633334	Channel 636334	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	17.72	17.64	17.68	23.30

N77 PC3 DSI1&3&5				Conducted Power(dBm)			
SCS 30kHz(3700~3980)							
Bandwidth	Modulation	RB size	RB offset	Channel 650000	Channel 656000	Channel 662000	Tune up
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	16.69	16.72	16.68	17.30
		1	137	16.63	16.73	16.73	17.30
		1	271	16.64	16.66	16.64	17.30

		135	0	16.68	16.64	16.74	17.30
		135	69	16.63	16.70	16.73	17.30
		135	138	16.65	16.72	16.64	17.30
		270	0	16.72	16.66	16.71	17.30
	DFT-s-OFDM QPSK	1	1	16.76	16.87	16.73	17.30
		1	137	16.66	16.64	16.67	17.30
		1	271	16.68	16.73	16.73	17.30
		135	0	16.68	16.65	16.71	17.30
		135	69	16.73	16.84	16.79	17.30
	DFT-s-OFDM 16QAM	135	138	16.64	16.71	16.72	17.30
		270	0	16.71	16.70	16.71	17.30
		1	1	16.73	16.72	16.69	17.30
	DFT-s-OFDM 64QAM	1	1	16.67	16.72	16.69	17.30
DFT-s-OFDM 256QAM	1	1	16.68	16.68	16.67	17.30	
Bandwidth	Modulation	RB size	RB offset	Channel 650000	Channel 656000	Channel 662000	Tune up
100MHz	CP-OFDM QPSK	1	1	16.62	16.63	16.60	17.30
Bandwidth	Modulation	RB size	RB offset	Channel 633000	Channel 633334	Channel 633668	Tune up
90MHz	DFT-s-OFDM QPSK	1	1	16.69	16.67	16.68	17.30
Bandwidth	Modulation	RB size	RB offset	Channel 632668	Channel 633334	Channel 634000	Tune up
80MHz	DFT-s-OFDM QPSK	1	1	16.69	16.81	16.79	17.30
Bandwidth	Modulation	RB size	RB offset	Channel 632334	Channel 633334	Channel 634332	Tune up
70MHz	DFT-s-OFDM QPSK	1	1	16.74	16.71	16.70	17.30
Bandwidth	Modulation	RB size	RB offset	Channel 632000	Channel 633334	Channel 634668	Tune up
60MHz	DFT-s-OFDM QPSK	1	1	16.69	16.72	16.79	17.30
Bandwidth	Modulation	RB size	RB offset	Channel 631668	Channel 633334	Channel 635000	Tune up
50MHz	DFT-s-OFDM QPSK	1	1	16.65	16.73	16.78	17.30
Bandwidth	Modulation	RB size	RB offset	Channel 631334	Channel 633334	Channel 635334	Tune up
40MHz	DFT-s-OFDM QPSK	1	1	16.62	16.74	16.81	17.30
Bandwidth	Modulation	RB size	RB offset	Channel 631000	Channel 633334	Channel 635668	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	16.68	16.81	16.68	17.30
Bandwidth	Modulation	RB size	RB offset	Channel 630668	Channel 633334	Channel 636000	Tune up

20MHz	DFT-s-OFDM QPSK	1	1	16.66	16.80	16.75	17.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630500	633334	636168	
15MHz	DFT-s-OFDM QPSK	1	1	16.80	16.62	16.71	17.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630334	633334	636334	
10MHz	DFT-s-OFDM QPSK	1	1	16.75	16.70	16.72	17.30

N77 PC2 DSI4				Conducted Power(dBm)				
SCS 30kHz(3700~3980)								
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				650000	656000	662000		
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	24.12	24.14	24.15	25.30	
		1	137	24.17	24.17	24.07	25.30	
		1	271	23.94	23.98	23.93	25.30	
		135	0	23.95	23.85	23.82	24.30	
		135	69	24.04	24.04	23.94	25.30	
		135	138	23.96	23.79	23.91	24.30	
		270	0	24.04	23.95	23.84	24.30	
	DFT-s-OFDM QPSK	1	1	24.20	24.31	24.20	25.30	
		1	137	24.16	24.19	24.20	25.30	
		1	271	24.03	23.95	24.04	25.30	
		135	0	23.97	24.04	23.95	24.30	
		135	69	24.13	24.06	24.02	25.30	
		135	138	24.14	24.04	23.94	24.30	
		270	0	24.02	24.05	23.88	24.30	
	DFT-s-OFDM 16QAM	1	1	23.39	23.42	23.33	24.30	
	DFT-s-OFDM 64QAM	1	1	22.19	22.10	22.14	22.80	
	DFT-s-OFDM 256QAM	1	1	19.84	19.96	19.75	20.80	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					650000	656000	662000	
	100MHz	CP-OFDM QPSK	1	1	22.12	22.10	22.16	22.80
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				633000	633334	633668		
90MHz	DFT-s-OFDM QPSK	1	1	24.13	24.09	24.03	25.30	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				632668	633334	634000		
80MHz	DFT-s-OFDM QPSK	1	1	24.03	24.09	24.08	25.30	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				632334	633334	634332		

70MHz	DFT-s-OFDM QPSK	1	1	24.06	24.14	24.05	25.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	
60MHz	DFT-s-OFDM QPSK	1	1	24.24	24.17	24.19	25.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631668	633334	635000	
50MHz	DFT-s-OFDM QPSK	1	1	24.19	24.22	24.03	25.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
40MHz	DFT-s-OFDM QPSK	1	1	24.13	24.12	24.10	25.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631000	633334	635668	
30MHz	DFT-s-OFDM QPSK	1	1	24.12	24.05	24.09	25.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	24.03	24.03	24.13	25.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630500	633334	636168	
15MHz	DFT-s-OFDM QPSK	1	1	24.15	24.13	24.16	25.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630334	633334	636334	
10MHz	DFT-s-OFDM QPSK	1	1	24.08	24.13	24.06	25.30

N77 PC3 DSI4				Conducted Power(dBm)			
SCS 30kHz(3700~3980)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	21.44	21.46	21.51	23.30
		1	137	21.51	21.67	21.58	23.30
		1	271	21.51	21.55	21.57	23.30
		135	0	20.46	20.46	20.43	22.30
		135	69	21.68	21.47	21.40	23.30
		135	138	20.59	20.60	20.47	22.30
		270	0	20.39	20.56	20.47	22.30
	DFT-s-OFDM QPSK	1	1	21.87	22.01	21.84	23.30
		1	137	21.73	21.83	21.72	23.30
		1	271	21.63	21.73	21.58	23.30
		135	0	20.74	20.68	20.43	22.30
		135	69	21.76	21.99	21.83	23.30
		135	138	20.54	20.77	20.49	22.30
		270	0	20.62	20.73	20.44	22.30
	DFT-s-OFDM 16QAM	1	1	20.77	20.73	20.72	22.30



	DFT-s-OFDM 64QAM	1	1	19.23	19.18	19.17	20.80
	DFT-s-OFDM 256QAM	1	1	17.01	17.04	16.99	18.80
Bandwidth	Modulation	RB size	RB offset	Channel 650000	Channel 656000	Channel 662000	Tune up
100MHz	CP-OFDM QPSK	1	1	19.31	19.23	19.16	20.80
Bandwidth	Modulation	RB size	RB offset	Channel 633000	Channel 633334	Channel 633668	Tune up
90MHz	DFT-s-OFDM QPSK	1	1	17.67	17.70	17.72	23.30
Bandwidth	Modulation	RB size	RB offset	Channel 632668	Channel 633334	Channel 634000	Tune up
80MHz	DFT-s-OFDM QPSK	1	1	17.69	17.65	17.72	23.30
Bandwidth	Modulation	RB size	RB offset	Channel 632334	Channel 633334	Channel 634332	Tune up
70MHz	DFT-s-OFDM QPSK	1	1	17.61	17.76	17.70	23.30
Bandwidth	Modulation	RB size	RB offset	Channel 632000	Channel 633334	Channel 634668	Tune up
60MHz	DFT-s-OFDM QPSK	1	1	17.65	17.66	17.66	23.30
Bandwidth	Modulation	RB size	RB offset	Channel 631668	Channel 633334	Channel 635000	Tune up
50MHz	DFT-s-OFDM QPSK	1	1	17.64	17.65	17.71	23.30
Bandwidth	Modulation	RB size	RB offset	Channel 631334	Channel 633334	Channel 635334	Tune up
40MHz	DFT-s-OFDM QPSK	1	1	17.67	17.67	17.62	23.30
Bandwidth	Modulation	RB size	RB offset	Channel 631000	Channel 633334	Channel 635668	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	17.73	17.67	17.64	23.30
Bandwidth	Modulation	RB size	RB offset	Channel 630668	Channel 633334	Channel 636000	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	17.70	17.76	17.75	23.30
Bandwidth	Modulation	RB size	RB offset	Channel 630500	Channel 633334	Channel 636168	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	17.64	17.61	17.65	23.30
Bandwidth	Modulation	RB size	RB offset	Channel 630334	Channel 633334	Channel 636334	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	17.72	17.64	17.68	23.30

N78 PC2 Default				Conducted Power(dBm)				
SCS 30kHz(3450~3550)								
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				/	633334	/		
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	24.32	/	25.30	
		1	137	/	24.41	/	25.30	
		1	271	/	24.13	/	25.30	
		135	0	/	24.13	/	24.30	
		135	69	/	24.27	/	25.30	
		135	138	/	24.06	/	24.30	
	DFT-s-OFDM QPSK	1	1	/	24.37	/	25.30	
		1	137	/	24.36	/	25.30	
		1	271	/	24.14	/	25.30	
		135	0	/	24.12	/	24.30	
		135	69	/	24.35	/	25.30	
		135	138	/	24.29	/	24.30	
	DFT-s-OFDM 16QAM	1	1	/	23.65	/	24.30	
	DFT-s-OFDM 64QAM	1	1	/	22.08	/	22.80	
	DFT-s-OFDM 256QAM	1	1	/	20.14	/	20.80	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					/	633334	/	
	100MHz	CP-OFDM QPSK	1	1	/	22.16	/	22.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				633000	633334	633668		
90MHz	DFT-s-OFDM QPSK	1	1	24.22	24.13	24.19	25.30	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				632668	633334	634000		
80MHz	DFT-s-OFDM QPSK	1	1	24.12	24.13	24.15	25.30	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				632334	633334	634332		
70MHz	DFT-s-OFDM QPSK	1	1	24.14	24.16	24.19	25.30	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				632000	633334	634668		
60MHz	DFT-s-OFDM QPSK	1	1	24.21	24.11	24.22	25.30	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				631668	633334	635000		
50MHz	DFT-s-OFDM QPSK	1	1	24.21	24.21	24.18	25.30	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				631334	633334	635334		

40MHz	DFT-s-OFDM QPSK	1	1	24.21	24.17	24.17	25.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631000	633334	635668	
30MHz	DFT-s-OFDM QPSK	1	1	24.16	24.17	24.13	25.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	24.19	24.14	24.11	25.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630500	633334	636168	
15MHz	DFT-s-OFDM QPSK	1	1	24.17	24.22	24.11	25.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630334	633334	636334	
10MHz	DFT-s-OFDM QPSK	1	1	24.15	24.15	24.22	25.30

N78 PC2 DSI1&3&5				Conducted Power(dBm)				
SCS 30kHz(3450~3550)								
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				/	633334	/		
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	18.54	/	19.30	
		1	137	/	18.49	/	19.30	
		1	271	/	18.56	/	19.30	
		135	0	/	18.42	/	19.30	
		135	69	/	18.53	/	19.30	
		135	138	/	18.58	/	19.30	
		270	0	/	18.49	/	19.30	
	DFT-s-OFDM QPSK	1	1	/	18.67	/	19.30	
		1	137	/	18.54	/	19.30	
		1	271	/	18.53	/	19.30	
		135	0	/	18.48	/	19.30	
		135	69	/	18.65	/	19.30	
		135	138	/	18.41	/	19.30	
		270	0	/	18.45	/	19.30	
	DFT-s-OFDM 16QAM	1	1	/	18.53	/	19.30	
	DFT-s-OFDM 64QAM	1	1	/	18.54	/	19.30	
	DFT-s-OFDM 256QAM	1	1	/	18.49	/	19.30	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					/	633334	/	
	100MHz	CP-OFDM QPSK	1	1	/	18.55	/	19.30
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				633000	633334	633668		

90MHz	DFT-s-OFDM QPSK	1	1	18.49	18.52	18.50	19.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632668	633334	634000	
80MHz	DFT-s-OFDM QPSK	1	1	18.47	18.46	18.49	19.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632334	633334	634332	
70MHz	DFT-s-OFDM QPSK	1	1	18.53	18.50	18.47	19.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	
60MHz	DFT-s-OFDM QPSK	1	1	18.51	18.49	18.53	19.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631668	633334	635000	
50MHz	DFT-s-OFDM QPSK	1	1	18.48	18.48	18.46	19.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
40MHz	DFT-s-OFDM QPSK	1	1	18.49	18.45	18.47	19.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631000	633334	635668	
30MHz	DFT-s-OFDM QPSK	1	1	18.45	18.48	18.52	19.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	18.48	18.52	18.52	19.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630500	633334	636168	
15MHz	DFT-s-OFDM QPSK	1	1	18.51	18.51	18.46	19.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630334	633334	636334	
10MHz	DFT-s-OFDM QPSK	1	1	18.53	18.51	18.49	19.30

N78 PC3 Default				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	633334	/	23.30
		1	137	/	21.71	/	23.30
		1	271	/	21.59	/	23.30
		135	0	/	21.30	/	23.30
		135	69	/	21.78	/	23.30
		135	138	/	21.79	/	23.30
		270	0	/	21.72	/	23.30
	DFT-s-OFDM	1	1	/	21.69	/	23.30

	QPSK	1	137	/	21.82	/	23.30
		1	271	/	21.30	/	23.30
		135	0	/	21.80	/	23.30
		135	69	/	21.81	/	23.30
		135	138	/	21.87	/	23.30
		270	0	/	21.86	/	23.30
	DFT-s-OFDM 16QAM	1	1	/	21.94	/	23.30
DFT-s-OFDM 64QAM	1	1	/	21.64	/	22.80	
DFT-s-OFDM 256QAM	1	1	/	20.14	/	20.80	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1	/	21.52	/	22.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				633000	633334	633668	
90MHz	DFT-s-OFDM QPSK	1	1	21.73	21.73	21.82	23.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632668	633334	634000	
80MHz	DFT-s-OFDM QPSK	1	1	21.83	21.79	21.75	23.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632334	633334	634332	
70MHz	DFT-s-OFDM QPSK	1	1	21.85	21.74	21.74	23.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	
60MHz	DFT-s-OFDM QPSK	1	1	21.74	21.73	21.74	23.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631668	633334	635000	
50MHz	DFT-s-OFDM QPSK	1	1	21.77	21.79	21.72	23.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
40MHz	DFT-s-OFDM QPSK	1	1	21.74	21.76	21.85	23.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631000	633334	635668	
30MHz	DFT-s-OFDM QPSK	1	1	21.73	21.80	21.77	23.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	21.71	21.83	21.73	23.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630500	633334	636168	

15MHz	DFT-s-OFDM QPSK	1	1	21.74	21.78	21.80	23.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630334	633334	636334	
10MHz	DFT-s-OFDM QPSK	1	1	21.78	21.74	21.76	23.30

N78 PC3 DSI1&3&5				Conducted Power(dBm)				
SCS 30kHz(3450~3550)								
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				/	633334	/		
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	16.53	/	17.30	
		1	137	/	16.44	/	17.30	
		1	271	/	16.49	/	17.30	
		135	0	/	16.44	/	17.30	
		135	69	/	16.49	/	17.30	
		135	138	/	16.53	/	17.30	
		270	0	/	16.43	/	17.30	
	DFT-s-OFDM QPSK	1	1	/	16.58	/	17.30	
		1	137	/	16.49	/	17.30	
		1	271	/	16.54	/	17.30	
		135	0	/	16.45	/	17.30	
		135	69	/	16.57	/	17.30	
		135	138	/	16.43	/	17.30	
		270	0	/	16.44	/	17.30	
	DFT-s-OFDM 16QAM	1	1	/	16.52	/	17.30	
	DFT-s-OFDM 64QAM	1	1	/	16.52	/	17.30	
	DFT-s-OFDM 256QAM	1	1	/	16.49	/	17.30	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					/	633334	/	
	100MHz	CP-OFDM QPSK	1	1	/	16.54	/	17.30
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				633000	633334	633668		
90MHz	DFT-s-OFDM QPSK	1	1	16.52	16.41	16.43	17.30	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				632668	633334	634000		
80MHz	DFT-s-OFDM QPSK	1	1	16.44	16.48	16.40	17.30	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				632334	633334	634332		
70MHz	DFT-s-OFDM QPSK	1	1	16.37	16.49	16.33	17.30	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				632000	633334	634668		

60MHz	DFT-s-OFDM QPSK	1	1	16.42	16.32	16.35	17.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631668	633334	635000	
50MHz	DFT-s-OFDM QPSK	1	1	16.35	16.50	16.47	17.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
40MHz	DFT-s-OFDM QPSK	1	1	16.44	16.53	16.51	17.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631000	633334	635668	
30MHz	DFT-s-OFDM QPSK	1	1	16.43	16.53	16.35	17.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	16.31	16.35	16.51	17.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630500	633334	636168	
15MHz	DFT-s-OFDM QPSK	1	1	16.36	16.52	16.31	17.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630334	633334	636334	
10MHz	DFT-s-OFDM QPSK	1	1	16.51	16.31	16.52	17.30

N78 PC2 DS14				Conducted Power(dBm)				
SCS 30kHz(3450~3550)								
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				/	633334	/		
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	24.32	/	25.30	
		1	137	/	24.41	/	25.30	
		1	271	/	24.13	/	25.30	
		135	0	/	24.13	/	24.30	
		135	69	/	24.27	/	25.30	
		135	138	/	24.06	/	24.30	
			270	0	/	24.13	/	24.30
		DFT-s-OFDM QPSK	1	1	/	24.37	/	25.30
			1	137	/	24.36	/	25.30
			1	271	/	24.14	/	25.30
			135	0	/	24.12	/	24.30
			135	69	/	24.35	/	25.30
			135	138	/	24.29	/	24.30
			270	0	/	24.28	/	24.30
		DFT-s-OFDM 16QAM	1	1	/	23.65	/	24.30
		DFT-s-OFDM 64QAM	1	1	/	22.08	/	22.80

	DFT-s-OFDM 256QAM	1	1	/	20.14	/	20.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1	/	22.16	/	22.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				633000	633334	633668	
90MHz	DFT-s-OFDM QPSK	1	1	24.22	24.13	24.19	25.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632668	633334	634000	
80MHz	DFT-s-OFDM QPSK	1	1	24.12	24.13	24.15	25.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632334	633334	634332	
70MHz	DFT-s-OFDM QPSK	1	1	24.14	24.16	24.19	25.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	
60MHz	DFT-s-OFDM QPSK	1	1	24.21	24.11	24.22	25.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631668	633334	635000	
50MHz	DFT-s-OFDM QPSK	1	1	24.21	24.21	24.18	25.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
40MHz	DFT-s-OFDM QPSK	1	1	24.21	24.17	24.17	25.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631000	633334	635668	
30MHz	DFT-s-OFDM QPSK	1	1	24.16	24.17	24.13	25.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	24.19	24.14	24.11	25.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630500	633334	636168	
15MHz	DFT-s-OFDM QPSK	1	1	24.17	24.22	24.11	25.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630334	633334	636334	
10MHz	DFT-s-OFDM QPSK	1	1	24.15	24.15	24.22	25.30

N78 PC3 DS14				Conducted Power(dBm)				
SCS 30kHz(3450~3550)								
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				/	633334	/		
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	21.71	/	23.30	
		1	137	/	21.59	/	23.30	
		1	271	/	21.30	/	23.30	
		135	0	/	21.78	/	23.30	
		135	69	/	21.79	/	23.30	
		135	138	/	21.72	/	23.30	
	DFT-s-OFDM QPSK	1	1	/	21.91	/	23.30	
		1	137	/	21.82	/	23.30	
		1	271	/	21.30	/	23.30	
		135	0	/	21.80	/	23.30	
		135	69	/	21.81	/	23.30	
		135	138	/	21.87	/	23.30	
	DFT-s-OFDM 16QAM	1	1	/	21.94	/	23.30	
	DFT-s-OFDM 64QAM	1	1	/	21.64	/	22.80	
	DFT-s-OFDM 256QAM	1	1	/	20.14	/	20.80	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					/	633334	/	
	100MHz	CP-OFDM QPSK	1	1	/	21.52	/	22.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				633000	633334	633668		
90MHz	DFT-s-OFDM QPSK	1	1	21.73	21.73	21.82	23.30	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				632668	633334	634000		
80MHz	DFT-s-OFDM QPSK	1	1	21.83	21.79	21.75	23.30	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				632334	633334	634332		
70MHz	DFT-s-OFDM QPSK	1	1	21.85	21.74	21.74	23.30	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				632000	633334	634668		
60MHz	DFT-s-OFDM QPSK	1	1	21.74	21.73	21.74	23.30	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				631668	633334	635000		
50MHz	DFT-s-OFDM QPSK	1	1	21.77	21.79	21.72	23.30	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				631334	633334	635334		

40MHz	DFT-s-OFDM QPSK	1	1	21.74	21.76	21.85	23.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631000	633334	635668	
30MHz	DFT-s-OFDM QPSK	1	1	21.73	21.80	21.77	23.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	21.71	21.83	21.73	23.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630500	633334	636168	
15MHz	DFT-s-OFDM QPSK	1	1	21.74	21.78	21.80	23.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630334	633334	636334	
10MHz	DFT-s-OFDM QPSK	1	1	21.78	21.74	21.76	23.30

N78 PC2 Default				Conducted Power(dBm)			
SCS 30kHz(3700~3800)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	24.43	/	25.30
		1	137	/	24.34	/	25.30
		1	271	/	24.23	/	25.30
		135	0	/	24.10	/	24.30
		135	69	/	24.20	/	25.30
		135	138	/	24.06	/	24.30
	DFT-s-OFDM QPSK	1	1	/	24.29	/	25.30
		1	137	/	24.24	/	25.30
		1	271	/	24.24	/	25.30
		135	0	/	24.24	/	24.30
		135	69	/	24.21	/	25.30
		135	138	/	24.23	/	24.30
	DFT-s-OFDM 16QAM	1	1	/	23.61	/	24.30
	DFT-s-OFDM 64QAM	1	1	/	22.29	/	22.80
	DFT-s-OFDM 256QAM	1	1	/	20.24	/	20.80
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				/	650000	/	
100MHz	CP-OFDM QPSK	1	1	/	22.31	/	22.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649668	650000	650334	
90MHz	DFT-s-OFDM QPSK	1	1	24.20	24.20	24.19	25.30

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649334	650000	650668	
80MHz	DFT-s-OFDM QPSK	1	1	24.12	24.19	24.23	25.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649000	650000	651002	
70MHz	DFT-s-OFDM QPSK	1	1	24.24	24.16	24.19	25.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648668	650000	651334	
60MHz	DFT-s-OFDM QPSK	1	1	24.14	24.15	24.25	25.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648334	650000	651668	
50MHz	DFT-s-OFDM QPSK	1	1	24.27	24.18	24.19	25.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648000	650000	652000	
40MHz	DFT-s-OFDM QPSK	1	1	24.15	24.18	24.19	25.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647668	650000	652334	
30MHz	DFT-s-OFDM QPSK	1	1	24.21	24.23	24.16	25.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647334	650000	652668	
20MHz	DFT-s-OFDM QPSK	1	1	24.22	24.13	24.13	25.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647166	650000	652836	
15MHz	DFT-s-OFDM QPSK	1	1	24.07	24.12	24.14	25.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647000	650000	653002	
10MHz	DFT-s-OFDM QPSK	1	1	24.17	24.04	24.15	25.30

N78 PC2 DSI1&3&5				Conducted Power(dBm)			
SCS 30kHz(3700~3800)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	18.49	/	19.30
		1	137	/	18.44	/	19.30
		1	271	/	18.52	/	19.30
		135	0	/	18.62	/	19.30
		135	69	/	18.46	/	19.30
		135	138	/	18.51	/	19.30
		270	0	/	18.47	/	19.30
	DFT-s-OFDM QPSK	1	1	/	18.51	/	19.30
		1	137	/	18.47	/	19.30

		1	271	/	18.45	/	19.30
		135	0	/	18.49	/	19.30
		135	69	/	18.41	/	19.30
		135	138	/	18.45	/	19.30
		270	0	/	18.48	/	19.30
	DFT-s-OFDM 16QAM	1	1	/	18.49	/	19.30
	DFT-s-OFDM 64QAM	1	1	/	18.45	/	19.30
	DFT-s-OFDM 256QAM	1	1	/	18.53	/	19.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
100MHz	CP-OFDM QPSK	1	1	/	18.44	/	19.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649668	650000	650334	
90MHz	DFT-s-OFDM QPSK	1	1	18.60	18.65	18.51	19.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649334	650000	650668	
80MHz	DFT-s-OFDM QPSK	1	1	18.59	18.55	18.52	19.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649000	650000	651002	
70MHz	DFT-s-OFDM QPSK	1	1	18.61	18.58	18.58	19.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648668	650000	651334	
60MHz	DFT-s-OFDM QPSK	1	1	18.69	18.64	18.62	19.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648334	650000	651668	
50MHz	DFT-s-OFDM QPSK	1	1	18.59	18.55	18.53	19.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648000	650000	652000	
40MHz	DFT-s-OFDM QPSK	1	1	18.66	18.66	18.59	19.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647668	650000	652334	
30MHz	DFT-s-OFDM QPSK	1	1	18.69	18.56	18.60	19.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647334	650000	652668	
20MHz	DFT-s-OFDM QPSK	1	1	18.69	18.62	18.54	19.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647166	650000	652836	
15MHz	DFT-s-OFDM QPSK	1	1	18.53	18.60	18.51	19.30



Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647000	650000	653002	
10MHz	DFT-s-OFDM QPSK	1	1	18.63	18.64	18.64	19.30

N78 PC3 Default				Conducted Power(dBm)				
SCS 30kHz(3700~3800)								
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				/	650000	/		
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	21.74	/	23.30	
		1	137	/	21.65	/	23.30	
		1	271	/	21.30	/	23.30	
		135	0	/	21.85	/	23.30	
		135	69	/	21.75	/	23.30	
		135	138	/	21.67	/	23.30	
		270	0	/	21.63	/	23.30	
	DFT-s-OFDM QPSK	1	1	/	21.96	/	23.30	
		1	137	/	21.89	/	23.30	
		1	271	/	21.38	/	23.30	
		135	0	/	21.81	/	23.30	
		135	69	/	21.93	/	23.30	
		135	138	/	21.95	/	23.30	
	DFT-s-OFDM 16QAM	1	1	/	21.94	/	23.30	
	DFT-s-OFDM 64QAM	1	1	/	21.61	/	22.80	
	DFT-s-OFDM 256QAM	1	1	/	20.10	/	20.80	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
	100MHz	CP-OFDM QPSK	1	1	/	21.55	/	22.80
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
	90MHz	DFT-s-OFDM QPSK	1	1	21.48	21.55	21.61	23.30
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
80MHz	DFT-s-OFDM QPSK	1	1	21.43	21.48	21.58	23.30	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
70MHz	DFT-s-OFDM QPSK	1	1	21.56	21.49	21.48	23.30	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
60MHz	DFT-s-OFDM QPSK	1	1	21.44	21.53	21.61	23.30	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				648334	650000	651668		



50MHz	DFT-s-OFDM QPSK	1	1	21.48	21.48	21.54	23.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648000	650000	652000	
40MHz	DFT-s-OFDM QPSK	1	1	21.44	21.47	21.56	23.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647668	650000	652334	
30MHz	DFT-s-OFDM QPSK	1	1	21.44	21.51	21.50	23.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647334	650000	652668	
20MHz	DFT-s-OFDM QPSK	1	1	21.50	21.58	21.58	23.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647166	650000	652836	
15MHz	DFT-s-OFDM QPSK	1	1	21.50	21.55	21.55	23.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647000	650000	653002	
10MHz	DFT-s-OFDM QPSK	1	1	21.41	21.44	21.53	23.30

N78 PC3 DSI1&3&5				Conducted Power(dBm)				
SCS 30kHz(3700~3800)								
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				/	650000	/		
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	16.49	/	17.30	
		1	137	/	16.45	/	17.30	
		1	271	/	16.50	/	17.30	
		135	0	/	16.53	/	17.30	
		135	69	/	16.46	/	17.30	
		135	138	/	16.48	/	17.30	
		270	0	/	16.46	/	17.30	
	DFT-s-OFDM QPSK	1	1	/	16.55	/	17.30	
		1	137	/	16.45	/	17.30	
		1	271	/	16.48	/	17.30	
		135	0	/	16.48	/	17.30	
		135	69	/	16.51	/	17.30	
		135	138	/	16.46	/	17.30	
		270	0	/	16.44	/	17.30	
	DFT-s-OFDM 16QAM	1	1	/	16.50	/	17.30	
	DFT-s-OFDM 64QAM	1	1	/	16.50	/	17.30	
	DFT-s-OFDM 256QAM	1	1	/	16.53	/	17.30	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					/	650000	/	

100MHz	CP-OFDM QPSK	1	1	/	16.54	/	17.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649668	650000	650334	
90MHz	DFT-s-OFDM QPSK	1	1	16.63	16.63	16.60	17.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649334	650000	650668	
80MHz	DFT-s-OFDM QPSK	1	1	16.54	16.64	16.56	17.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649000	650000	651002	
70MHz	DFT-s-OFDM QPSK	1	1	16.59	16.54	16.61	17.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648668	650000	651334	
60MHz	DFT-s-OFDM QPSK	1	1	16.56	16.62	16.57	17.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648334	650000	651668	
50MHz	DFT-s-OFDM QPSK	1	1	16.58	16.59	16.57	17.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648000	650000	652000	
40MHz	DFT-s-OFDM QPSK	1	1	16.63	16.55	16.60	17.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647668	650000	652334	
30MHz	DFT-s-OFDM QPSK	1	1	16.60	16.58	16.60	17.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647334	650000	652668	
20MHz	DFT-s-OFDM QPSK	1	1	16.62	16.58	16.63	17.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647166	650000	652836	
15MHz	DFT-s-OFDM QPSK	1	1	16.68	16.65	16.63	17.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647000	650000	653002	
10MHz	DFT-s-OFDM QPSK	1	1	16.64	16.60	16.69	17.30

N78 PC2 DSI4				Conducted Power(dBm)			
SCS 30kHz(3700~3800)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	24.43	/	25.30
		1	137	/	24.34	/	25.30
		1	271	/	24.23	/	25.30
		135	0	/	24.10	/	24.30

		135	69	/	24.20	/	25.30
		135	138	/	24.06	/	24.30
		270	0	/	24.15	/	24.30
	DFT-s-OFDM QPSK	1	1	/	24.29	/	25.30
		1	137	/	24.24	/	25.30
		1	271	/	24.24	/	25.30
		135	0	/	24.24	/	24.30
		135	69	/	24.21	/	25.30
		135	138	/	24.23	/	24.30
		270	0	/	24.24	/	24.30
	DFT-s-OFDM 16QAM	1	1	/	23.61	/	24.30
	DFT-s-OFDM 64QAM	1	1	/	22.29	/	22.80
	DFT-s-OFDM 256QAM	1	1	/	20.24	/	20.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
100MHz	CP-OFDM QPSK	1	1	/	22.31	/	22.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649668	650000	650334	
90MHz	DFT-s-OFDM QPSK	1	1	24.20	24.20	24.19	25.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649334	650000	650668	
80MHz	DFT-s-OFDM QPSK	1	1	24.12	24.19	24.23	25.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649000	650000	651002	
70MHz	DFT-s-OFDM QPSK	1	1	24.24	24.16	24.19	25.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648668	650000	651334	
60MHz	DFT-s-OFDM QPSK	1	1	24.14	24.15	24.25	25.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648334	650000	651668	
50MHz	DFT-s-OFDM QPSK	1	1	24.27	24.18	24.19	25.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648000	650000	652000	
40MHz	DFT-s-OFDM QPSK	1	1	24.15	24.18	24.19	25.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647668	650000	652334	
30MHz	DFT-s-OFDM QPSK	1	1	24.21	24.23	24.16	25.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647334	650000	652668	

20MHz	DFT-s-OFDM QPSK	1	1	24.22	24.13	24.13	25.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647166	650000	652836	
15MHz	DFT-s-OFDM QPSK	1	1	24.07	24.12	24.14	25.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647000	650000	653002	
10MHz	DFT-s-OFDM QPSK	1	1	24.17	24.04	24.15	25.30

N78 PC3 DSI4				Conducted Power(dBm)				
SCS 30kHz(3700~3800)								
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				/	650000	/		
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	21.74	/	23.30	
		1	137	/	21.65	/	23.30	
		1	271	/	21.30	/	23.30	
		135	0	/	21.85	/	23.30	
		135	69	/	21.75	/	23.30	
		135	138	/	21.67	/	23.30	
		270	0	/	21.63	/	23.30	
	DFT-s-OFDM QPSK	1	1	/	21.96	/	23.30	
		1	137	/	21.89	/	23.30	
		1	271	/	21.38	/	23.30	
		135	0	/	21.81	/	23.30	
		135	69	/	21.93	/	23.30	
		135	138	/	21.95	/	23.30	
		270	0	/	21.93	/	23.30	
	DFT-s-OFDM 16QAM	1	1	/	21.94	/	23.30	
	DFT-s-OFDM 64QAM	1	1	/	21.61	/	22.80	
	DFT-s-OFDM 256QAM	1	1	/	20.10	/	20.80	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					/	650000	/	
	100MHz	CP-OFDM QPSK	1	1	/	21.55	/	22.80
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649668	650000	650334		
90MHz	DFT-s-OFDM QPSK	1	1	21.48	21.55	21.61	23.30	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				649334	650000	650668		
80MHz	DFT-s-OFDM QPSK	1	1	21.43	21.48	21.58	23.30	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				649000	650000	651002		



70MHz	DFT-s-OFDM QPSK	1	1	21.56	21.49	21.48	23.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648668	650000	651334	
60MHz	DFT-s-OFDM QPSK	1	1	21.44	21.53	21.61	23.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648334	650000	651668	
50MHz	DFT-s-OFDM QPSK	1	1	21.48	21.48	21.54	23.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648000	650000	652000	
40MHz	DFT-s-OFDM QPSK	1	1	21.44	21.47	21.56	23.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647668	650000	652334	
30MHz	DFT-s-OFDM QPSK	1	1	21.44	21.51	21.50	23.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647334	650000	652668	
20MHz	DFT-s-OFDM QPSK	1	1	21.50	21.58	21.58	23.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647166	650000	652836	
15MHz	DFT-s-OFDM QPSK	1	1	21.50	21.55	21.55	23.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647000	650000	653002	
10MHz	DFT-s-OFDM QPSK	1	1	21.41	21.44	21.53	23.30



				631334	633334	635334	
40MHz	DFT-s-OFDM QPSK	1	1	21.67	21.65	21.68	23.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631002	633334	635666	
30MHz	DFT-s-OFDM QPSK	1	1	21.65	21.71	21.59	23.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	21.70	21.67	21.57	23.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630500	633334	636168	
15MHz	DFT-s-OFDM QPSK	1	1	21.68	21.55	21.47	23.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630334	633334	636334	
10MHz	DFT-s-OFDM QPSK	1	1	21.62	21.62	21.54	23.10

N77 PC2 DSI1&5				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	633334	/	20.10
		1	137	/	19.03	/	20.10
		1	271	/	19.03	/	20.10
		135	0	/	19.03	/	20.10
		135	69	/	18.91	/	20.10
		135	138	/	19.05	/	20.10
		270	0	/	19.00	/	20.10
	DFT-s-OFDM QPSK	1	1	/	19.13	/	20.10
		1	137	/	19.00	/	20.10
		1	271	/	18.95	/	20.10
		135	0	/	19.07	/	20.10
		135	69	/	19.12	/	20.10
		135	138	/	18.94	/	20.10
		270	0	/	19.07	/	20.10
	DFT-s-OFDM 16QAM	1	1	/	19.05	/	20.10
	DFT-s-OFDM 64QAM	1	1	/	19.10	/	20.10
	DFT-s-OFDM 256QAM	1	1	/	17.15	/	18.60
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1	/	19.11	/	20.10



Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				633000	633334	633668	
90MHz	DFT-s-OFDM QPSK	1	1	19.06	19.01	19.04	20.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632668	633334	634000	
80MHz	DFT-s-OFDM QPSK	1	1	19.05	18.98	19.03	20.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632334	633334	634334	
70MHz	DFT-s-OFDM QPSK	1	1	19.03	19.00	19.02	20.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	
60MHz	DFT-s-OFDM QPSK	1	1	19.05	19.00	19.08	20.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631668	633334	635000	
50MHz	DFT-s-OFDM QPSK	1	1	19.00	18.99	19.02	20.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
40MHz	DFT-s-OFDM QPSK	1	1	19.02	19.03	19.08	20.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631002	633334	635666	
30MHz	DFT-s-OFDM QPSK	1	1	19.04	18.95	19.08	20.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	18.92	19.06	19.08	20.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630500	633334	636168	
15MHz	DFT-s-OFDM QPSK	1	1	18.88	18.85	18.85	20.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630334	633334	636334	
10MHz	DFT-s-OFDM QPSK	1	1	18.86	18.83	18.89	20.10

N77 PC3 Default				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	/	19.72	/	21.10
		1	137	/	19.82	/	21.10
		1	271	/	19.87	/	21.10
		135	0	/	19.76	/	21.10

		135	69	/	19.76	/	21.10
		135	138	/	19.65	/	21.10
		270	0	/	19.79	/	21.10
	DFT-s-OFDM QPSK	1	1	/	19.79	/	21.10
		1	137	/	19.88	/	21.10
		1	271	/	19.99	/	21.10
		135	0	/	19.89	/	21.10
		135	69	/	19.85	/	21.10
		135	138	/	19.81	/	21.10
		270	0	/	19.85	/	21.10
	DFT-s-OFDM 16QAM	1	1	/	20.03	/	21.10
	DFT-s-OFDM 64QAM	1	1	/	19.31	/	20.60
	DFT-s-OFDM 256QAM	1	1	/	17.37	/	18.60
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1	/	19.36	/	20.60
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				633000	633334	633668	
90MHz	DFT-s-OFDM QPSK	1	1	19.58	19.82	19.63	21.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632668	633334	634000	
80MHz	DFT-s-OFDM QPSK	1	1	19.45	19.81	19.48	21.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632334	633334	634334	
70MHz	DFT-s-OFDM QPSK	1	1	19.46	19.72	19.56	21.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	
60MHz	DFT-s-OFDM QPSK	1	1	19.45	19.73	19.56	21.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631668	633334	635000	
50MHz	DFT-s-OFDM QPSK	1	1	19.53	19.74	19.51	21.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
40MHz	DFT-s-OFDM QPSK	1	1	19.57	19.72	19.55	21.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631002	633334	635666	
30MHz	DFT-s-OFDM QPSK	1	1	19.46	19.80	19.59	21.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	

				632334	633334	634334	
70MHz	DFT-s-OFDM QPSK	1	1	17.01	17.00	17.07	18.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	
60MHz	DFT-s-OFDM QPSK	1	1	16.96	17.02	17.05	18.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631668	633334	635000	
50MHz	DFT-s-OFDM QPSK	1	1	17.04	17.06	16.99	18.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
40MHz	DFT-s-OFDM QPSK	1	1	17.05	17.01	17.09	18.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631002	633334	635666	
30MHz	DFT-s-OFDM QPSK	1	1	16.97	16.97	17.04	18.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	17.02	17.00	17.04	18.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630500	633334	636168	
15MHz	DFT-s-OFDM QPSK	1	1	17.11	17.10	17.04	18.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630334	633334	636334	
10MHz	DFT-s-OFDM QPSK	1	1	17.05	17.04	17.03	18.10

N77 PC2 DSI4				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	20.31	/	21.60
		1	137	/	20.31	/	21.60
		1	271	/	20.37	/	21.60
		135	0	/	20.35	/	21.60
		135	69	/	20.30	/	21.60
		135	138	/	20.29	/	21.60
		270	0	/	20.30	/	21.60
	DFT-s-OFDM QPSK	1	1	/	20.39	/	21.60
		1	137	/	20.27	/	21.60
		1	271	/	20.25	/	21.60
		135	0	/	20.27	/	21.60
		135	69	/	20.36	/	21.60
		135	138	/	20.28	/	21.60
		270	0	/	20.35	/	21.60

	DFT-s-OFDM 16QAM	1	1	/	20.35	/	21.60
	DFT-s-OFDM 64QAM	1	1	/	19.23	/	20.60
	DFT-s-OFDM 256QAM	1	1	/	17.22	/	18.60
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1	/	19.35	/	20.60
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				633000	633334	633668	
90MHz	DFT-s-OFDM QPSK	1	1	20.20	20.16	20.27	21.60
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632668	633334	634000	
80MHz	DFT-s-OFDM QPSK	1	1	20.17	20.21	20.17	21.60
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632334	633334	634334	
70MHz	DFT-s-OFDM QPSK	1	1	20.18	20.24	20.17	21.60
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	
60MHz	DFT-s-OFDM QPSK	1	1	20.27	20.25	20.25	21.60
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631668	633334	635000	
50MHz	DFT-s-OFDM QPSK	1	1	20.25	20.27	20.18	21.60
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
40MHz	DFT-s-OFDM QPSK	1	1	20.19	20.17	20.18	21.60
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631002	633334	635666	
30MHz	DFT-s-OFDM QPSK	1	1	20.25	20.23	20.23	21.60
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	20.17	20.26	20.26	21.60
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630500	633334	636168	
15MHz	DFT-s-OFDM QPSK	1	1	20.16	20.13	20.15	21.60
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630334	633334	636334	
10MHz	DFT-s-OFDM QPSK	1	1	20.15	20.11	20.12	21.60

N77 PC3 DS14				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	18.25	/	19.60
		1	137	/	18.39	/	19.60
		1	271	/	18.43	/	19.60
		135	0	/	18.22	/	19.60
		135	69	/	18.22	/	19.60
		135	138	/	18.23	/	19.60
		270	0	/	18.25	/	19.60
	DFT-s-OFDM QPSK	1	1	/	18.49	/	19.60
		1	137	/	18.38	/	19.60
		1	271	/	18.48	/	19.60
		135	0	/	18.40	/	19.60
		135	69	/	18.40	/	19.60
		135	138	/	18.35	/	19.60
		270	0	/	18.38	/	19.60
	DFT-s-OFDM 16QAM	1	1	/	18.63	/	19.60
	DFT-s-OFDM 64QAM	1	1	/	18.31	/	19.60
	DFT-s-OFDM 256QAM	1	1	/	17.37	/	18.60
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1	/	18.33	/	19.60
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				633000	633334	633668	
90MHz	DFT-s-OFDM QPSK	1	1	18.10	18.38	18.10	19.60
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632668	633334	634000	
80MHz	DFT-s-OFDM QPSK	1	1	18.09	18.30	18.10	19.60
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632334	633334	634334	
70MHz	DFT-s-OFDM QPSK	1	1	18.03	18.32	18.17	19.60
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	
60MHz	DFT-s-OFDM QPSK	1	1	18.11	18.36	18.14	19.60
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631668	633334	635000	
50MHz	DFT-s-OFDM QPSK	1	1	18.10	18.31	18.09	19.60
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up

				631334	633334	635334	
40MHz	DFT-s-OFDM QPSK	1	1	18.14	18.36	18.14	19.60
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631002	633334	635666	
30MHz	DFT-s-OFDM QPSK	1	1	18.06	18.41	18.11	19.60
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	18.15	18.31	18.10	19.60
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630500	633334	636168	
15MHz	DFT-s-OFDM QPSK	1	1	18.13	18.12	18.26	19.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630334	633334	636334	
10MHz	DFT-s-OFDM QPSK	1	1	18.24	18.23	18.20	19.30

N77 PC2 Default				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	21.41	21.76	21.48	23.10
		1	137	21.41	21.66	21.41	23.10
		1	271	21.11	21.13	21.15	23.10
		135	0	20.41	20.69	20.59	22.10
		135	69	21.32	21.71	21.42	23.10
		135	138	20.25	20.58	20.40	22.10
		270	0	20.19	20.52	20.35	22.10
	DFT-s-OFDM QPSK	1	1	21.44	21.74	21.61	23.10
		1	137	21.33	21.64	21.49	23.10
		1	271	21.13	21.24	21.11	23.10
		135	0	20.45	20.76	20.56	22.10
		135	69	21.37	21.65	21.48	23.10
		135	138	20.31	20.68	20.43	22.10
		270	0	20.36	20.66	20.39	22.10
	DFT-s-OFDM 16QAM	1	1	20.27	20.71	20.49	22.10
DFT-s-OFDM 64QAM	1	1	18.93	19.18	18.99	20.60	
DFT-s-OFDM 256QAM	1	1	16.78	17.15	17.00	18.60	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				650000	656000	662000	
100MHz	CP-OFDM QPSK	1	1	18.76	18.96	18.75	20.60
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				633000	633334	633668	

90MHz	DFT-s-OFDM QPSK	1	1	21.75	21.64	21.68	23.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632668	633334	634000	
80MHz	DFT-s-OFDM QPSK	1	1	21.67	21.73	21.57	23.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632334	633334	634332	
70MHz	DFT-s-OFDM QPSK	1	1	21.66	21.63	21.71	23.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	
60MHz	DFT-s-OFDM QPSK	1	1	21.69	21.67	21.70	23.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631668	633334	635000	
50MHz	DFT-s-OFDM QPSK	1	1	21.61	21.74	21.66	23.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
40MHz	DFT-s-OFDM QPSK	1	1	21.47	21.68	21.63	23.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631000	633334	635668	
30MHz	DFT-s-OFDM QPSK	1	1	21.57	21.73	21.63	23.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	21.52	21.63	21.53	23.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630500	633334	636168	
15MHz	DFT-s-OFDM QPSK	1	1	21.51	21.72	21.55	23.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630334	633334	636334	
10MHz	DFT-s-OFDM QPSK	1	1	21.58	21.67	21.58	23.10

N77 PC2 DSI1&5				Conducted Power(dBm)			
SCS 30kHz(3700~3980)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				650000	656000	662000	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	18.99	19.18	19.15	20.10
		1	137	19.08	19.21	19.05	20.10
		1	271	19.16	19.14	19.02	20.10
		135	0	19.08	19.11	19.02	20.10
		135	69	19.14	19.10	19.07	20.10
		135	138	18.99	19.19	19.20	20.10

		270	0	19.08	19.07	19.04	20.10
	DFT-s-OFDM QPSK	1	1	19.06	19.39	19.19	20.10
		1	137	19.02	19.17	19.08	20.10
		1	271	19.08	19.10	19.08	20.10
		135	0	19.21	19.20	19.10	20.10
		135	69	19.13	19.30	19.19	20.10
		135	138	19.01	19.09	19.19	20.10
		270	0	19.13	19.15	19.00	20.10
	DFT-s-OFDM 16QAM	1	1	19.06	19.04	19.05	20.10
	DFT-s-OFDM 64QAM	1	1	19.06	19.15	19.00	20.10
	DFT-s-OFDM 256QAM	1	1	16.86	16.94	16.86	18.60
Bandwidth	Modulation	RB size	RB offset	Channel 650000	Channel 656000	Channel 662000	Tune up
100MHz	CP-OFDM QPSK	1	1	19.26	19.15	19.23	20.10
Bandwidth	Modulation	RB size	RB offset	Channel 633000	Channel 633334	Channel 633668	Tune up
90MHz	DFT-s-OFDM QPSK	1	1	19.26	19.02	19.26	20.10
Bandwidth	Modulation	RB size	RB offset	Channel 632668	Channel 633334	Channel 634000	Tune up
80MHz	DFT-s-OFDM QPSK	1	1	19.13	19.23	19.26	20.10
Bandwidth	Modulation	RB size	RB offset	Channel 632334	Channel 633334	Channel 634332	Tune up
70MHz	DFT-s-OFDM QPSK	1	1	19.03	19.13	19.10	20.10
Bandwidth	Modulation	RB size	RB offset	Channel 632000	Channel 633334	Channel 634668	Tune up
60MHz	DFT-s-OFDM QPSK	1	1	19.01	19.20	19.15	20.10
Bandwidth	Modulation	RB size	RB offset	Channel 631668	Channel 633334	Channel 635000	Tune up
50MHz	DFT-s-OFDM QPSK	1	1	19.23	19.06	19.26	20.10
Bandwidth	Modulation	RB size	RB offset	Channel 631334	Channel 633334	Channel 635334	Tune up
40MHz	DFT-s-OFDM QPSK	1	1	19.13	19.11	19.26	20.10
Bandwidth	Modulation	RB size	RB offset	Channel 631000	Channel 633334	Channel 635668	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	19.14	19.17	19.20	20.10
Bandwidth	Modulation	RB size	RB offset	Channel 630668	Channel 633334	Channel 636000	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	19.23	19.12	19.02	20.10
Bandwidth	Modulation	RB size	RB offset	Channel 630500	Channel 633334	Channel 636168	Tune up

15MHz	DFT-s-OFDM QPSK	1	1	19.25	19.26	19.09	20.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630334	633334	636334	
10MHz	DFT-s-OFDM QPSK	1	1	19.08	19.18	19.24	20.10

N77 PC3 Default				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	19.46	19.45	19.47	21.10	
		1	137	19.55	19.48	19.58	21.10	
		1	271	19.61	19.62	19.61	21.10	
		135	0	19.48	19.55	19.52	21.10	
		135	69	19.44	19.50	19.53	21.10	
		135	138	19.44	19.42	19.39	21.10	
	DFT-s-OFDM QPSK	270	0	19.56	19.49	19.51	21.10	
		1	1	19.46	19.57	19.53	21.10	
		1	137	19.61	19.59	19.61	21.10	
		1	271	19.66	19.71	19.67	21.10	
		135	0	19.63	19.59	19.55	21.10	
		135	69	19.55	19.63	19.56	21.10	
	DFT-s-OFDM 16QAM	135	138	19.47	19.52	19.59	21.10	
		270	0	19.51	19.56	19.57	21.10	
		DFT-s-OFDM 64QAM	1	1	19.75	19.82	19.82	21.10
		DFT-s-OFDM 256QAM	1	1	19.01	19.01	19.07	20.60
DFT-s-OFDM 256QAM	1	1	17.09	17.07	17.16	18.60		
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				650000	656000	662000		
100MHz	CP-OFDM QPSK	1	1	18.99	19.05	19.09	20.60	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				633000	633334	633668		
90MHz	DFT-s-OFDM QPSK	1	1	19.63	19.71	19.60	21.10	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				632668	633334	634000		
80MHz	DFT-s-OFDM QPSK	1	1	19.64	19.80	19.64	21.10	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				632334	633334	634332		
70MHz	DFT-s-OFDM QPSK	1	1	19.51	19.81	19.62	21.10	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				632000	633334	634668		

60MHz	DFT-s-OFDM QPSK	1	1	19.51	19.80	19.55	21.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631668	633334	635000	
50MHz	DFT-s-OFDM QPSK	1	1	19.56	19.82	19.55	21.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
40MHz	DFT-s-OFDM QPSK	1	1	19.49	19.78	19.49	21.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631000	633334	635668	
30MHz	DFT-s-OFDM QPSK	1	1	19.58	19.81	19.62	21.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	19.45	19.82	19.49	21.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630500	633334	636168	
15MHz	DFT-s-OFDM QPSK	1	1	19.56	19.77	19.53	21.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630334	633334	636334	
10MHz	DFT-s-OFDM QPSK	1	1	19.51	19.68	19.59	21.10

N77 PC3 DS1&5				Conducted Power(dBm)			
SCS 30kHz(3700~3980)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				650000	656000	662000	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	16.97	17.13	17.08	18.10
		1	137	16.98	17.14	16.96	18.10
		1	271	17.09	17.07	16.97	18.10
		135	0	17.06	17.05	17.07	18.10
		135	69	17.14	17.01	17.06	18.10
		135	138	16.98	17.10	17.10	18.10
		270	0	17.10	17.10	17.07	18.10
	DFT-s-OFDM QPSK	1	1	17.10	17.26	17.09	18.10
		1	137	17.00	17.10	17.08	18.10
		1	271	17.00	17.01	17.00	18.10
		135	0	17.12	17.11	17.04	18.10
		135	69	17.06	17.24	17.20	18.10
		135	138	16.99	17.10	17.15	18.10
		270	0	17.07	17.22	17.04	18.10
	DFT-s-OFDM 16QAM	1	1	17.03	17.04	17.05	18.10
	DFT-s-OFDM 64QAM	1	1	17.00	17.14	17.02	18.10

	DFT-s-OFDM 256QAM	1	1	16.38	16.42	16.33	18.10
Bandwidth	Modulation	RB size	RB offset	Channel 650000	Channel 656000	Channel 662000	Tune up
100MHz	CP-OFDM QPSK	1	1	17.04	16.94	17.01	18.10
Bandwidth	Modulation	RB size	RB offset	Channel 633000	Channel 633334	Channel 633668	Tune up
90MHz	DFT-s-OFDM QPSK	1	1	17.08	17.09	17.13	18.10
Bandwidth	Modulation	RB size	RB offset	Channel 632668	Channel 633334	Channel 634000	Tune up
80MHz	DFT-s-OFDM QPSK	1	1	17.08	17.20	17.02	18.10
Bandwidth	Modulation	RB size	RB offset	Channel 632334	Channel 633334	Channel 634332	Tune up
70MHz	DFT-s-OFDM QPSK	1	1	17.20	17.09	17.13	18.10
Bandwidth	Modulation	RB size	RB offset	Channel 632000	Channel 633334	Channel 634668	Tune up
60MHz	DFT-s-OFDM QPSK	1	1	17.23	17.11	17.16	18.10
Bandwidth	Modulation	RB size	RB offset	Channel 631668	Channel 633334	Channel 635000	Tune up
50MHz	DFT-s-OFDM QPSK	1	1	17.01	17.13	17.20	18.10
Bandwidth	Modulation	RB size	RB offset	Channel 631334	Channel 633334	Channel 635334	Tune up
40MHz	DFT-s-OFDM QPSK	1	1	17.11	17.16	17.17	18.10
Bandwidth	Modulation	RB size	RB offset	Channel 631000	Channel 633334	Channel 635668	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	17.06	17.07	17.11	18.10
Bandwidth	Modulation	RB size	RB offset	Channel 630668	Channel 633334	Channel 636000	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	17.19	17.12	17.19	18.10
Bandwidth	Modulation	RB size	RB offset	Channel 630500	Channel 633334	Channel 636168	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	17.20	17.23	17.01	18.10
Bandwidth	Modulation	RB size	RB offset	Channel 630334	Channel 633334	Channel 636334	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	17.06	17.09	17.03	18.10

N77 PC2 DSI4				Conducted Power(dBm)			
SCS 30kHz(3700~3980)							
Bandwidth	Modulation	RB size	RB offset	Channel 650000	Channel 656000	Channel 662000	Tune up

100MHz	DFT-s-OFDM PI/2 BPSK	1	1	20.34	20.29	20.27	21.60
		1	137	20.32	20.36	20.28	21.60
		1	271	20.27	20.30	20.28	21.60
		135	0	20.32	20.37	20.29	21.60
		135	69	20.31	20.29	20.30	21.60
		135	138	20.28	20.34	20.33	21.60
		270	0	20.30	20.32	20.28	21.60
	DFT-s-OFDM QPSK	1	1	20.31	20.44	20.33	21.60
		1	137	20.30	20.30	20.31	21.60
		1	271	20.29	20.33	20.36	21.60
		135	0	20.28	20.34	20.32	21.60
		135	69	20.29	20.39	20.37	21.60
		135	138	20.26	20.36	20.33	21.60
		270	0	20.37	20.38	20.30	21.60
	DFT-s-OFDM 16QAM	1	1	20.32	20.27	20.35	21.60
	DFT-s-OFDM 64QAM	1	1	18.93	19.18	18.99	20.60
	DFT-s-OFDM 256QAM	1	1	16.78	17.15	17.00	18.60
	Bandwidth	Modulation	RB size	RB offset	Channel 650000	Channel 656000	Channel 662000
100MHz	CP-OFDM QPSK	1	1	18.76	18.96	18.75	20.60
Bandwidth	Modulation	RB size	RB offset	Channel 633000	Channel 633334	Channel 633668	Tune up
90MHz	DFT-s-OFDM QPSK	1	1	20.26	20.14	20.21	21.60
Bandwidth	Modulation	RB size	RB offset	Channel 632668	Channel 633334	Channel 634000	Tune up
80MHz	DFT-s-OFDM QPSK	1	1	20.19	20.17	20.36	21.60
Bandwidth	Modulation	RB size	RB offset	Channel 632334	Channel 633334	Channel 634332	Tune up
70MHz	DFT-s-OFDM QPSK	1	1	20.26	20.30	20.23	21.60
Bandwidth	Modulation	RB size	RB offset	Channel 632000	Channel 633334	Channel 634668	Tune up
60MHz	DFT-s-OFDM QPSK	1	1	20.32	20.29	20.32	21.60
Bandwidth	Modulation	RB size	RB offset	Channel 631668	Channel 633334	Channel 635000	Tune up
50MHz	DFT-s-OFDM QPSK	1	1	20.15	20.29	20.22	21.60
Bandwidth	Modulation	RB size	RB offset	Channel 631334	Channel 633334	Channel 635334	Tune up
40MHz	DFT-s-OFDM QPSK	1	1	20.11	20.33	20.34	21.60
Bandwidth	Modulation	RB size	RB offset	Channel 631000	Channel 633334	Channel 635668	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	20.15	20.12	20.14	21.60



Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	20.27	20.30	20.13	21.60
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630500	633334	636168	
15MHz	DFT-s-OFDM QPSK	1	1	20.32	20.13	20.26	21.60
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630334	633334	636334	
10MHz	DFT-s-OFDM QPSK	1	1	20.35	20.23	20.32	21.60

N77 PC3 DSI4				Conducted Power(dBm)				
SCS 30kHz(3700~3980)								
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				650000	656000	662000		
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	17.94	18.03	17.93	19.60	
		1	137	18.11	18.05	18.13	19.60	
		1	271	18.15	18.19	18.09	19.60	
		135	0	17.95	18.06	17.97	19.60	
		135	69	18.03	18.02	17.99	19.60	
		135	138	18.03	17.88	17.96	19.60	
	DFT-s-OFDM QPSK	270	0	18.03	17.98	18.06	19.60	
		1	1	18.23	18.42	18.24	19.60	
		1	137	18.10	18.09	18.13	19.60	
		1	271	18.18	18.26	18.26	19.60	
		135	0	18.21	18.06	18.13	19.60	
		135	69	18.25	18.39	18.27	19.60	
	DFT-s-OFDM 16QAM	135	138	18.04	18.00	18.10	19.60	
		270	0	18.09	18.06	18.09	19.60	
		DFT-s-OFDM 16QAM	1	1	18.35	18.36	18.33	19.60
		DFT-s-OFDM 64QAM	1	1	18.01	18.11	18.20	19.60
		DFT-s-OFDM 256QAM	1	1	17.09	17.07	17.16	18.60
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
650000					656000	662000		
100MHz	CP-OFDM QPSK	1	1	18.11	18.33	18.15	19.60	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				633000	633334	633668		
90MHz	DFT-s-OFDM QPSK	1	1	18.34	18.34	18.36	19.60	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				632668	633334	634000		
80MHz	DFT-s-OFDM QPSK	1	1	18.38	18.37	18.37	19.60	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				632334	633334	634332		

70MHz	DFT-s-OFDM QPSK	1	1	18.31	18.34	18.31	19.60
Bandwidth	Modulation	RB size	RB offset	Channel 632000	Channel 633334	Channel 634668	Tune up
60MHz	DFT-s-OFDM QPSK	1	1	18.39	18.33	18.32	19.60
Bandwidth	Modulation	RB size	RB offset	Channel 631668	Channel 633334	Channel 635000	Tune up
50MHz	DFT-s-OFDM QPSK	1	1	18.32	18.35	18.38	19.60
Bandwidth	Modulation	RB size	RB offset	Channel 631334	Channel 633334	Channel 635334	Tune up
40MHz	DFT-s-OFDM QPSK	1	1	18.32	18.38	18.32	19.60
Bandwidth	Modulation	RB size	RB offset	Channel 631000	Channel 633334	Channel 635668	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	18.37	18.33	18.31	19.60
Bandwidth	Modulation	RB size	RB offset	Channel 630668	Channel 633334	Channel 636000	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	18.36	18.34	18.39	19.60
Bandwidth	Modulation	RB size	RB offset	Channel 630500	Channel 633334	Channel 636168	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	18.38	18.35	18.38	19.60
Bandwidth	Modulation	RB size	RB offset	Channel 630334	Channel 633334	Channel 636334	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	18.37	18.34	18.35	19.60

N78 PC2 Default				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	/	21.67	/	23.10
		1	137	/	21.52	/	23.10
		1	271	/	21.14	/	23.10
		135	0	/	20.63	/	22.10
		135	69	/	21.60	/	23.10
		135	138	/	20.51	/	22.10
		270	0	/	20.38	/	22.10
	DFT-s-OFDM QPSK	1	1	/	21.69	/	23.10
		1	137	/	21.62	/	23.10
		1	271	/	21.13	/	23.10
		135	0	/	20.67	/	22.10
		135	69	/	21.67	/	23.10
		135	138	/	20.59	/	22.10
		270	0	/	20.55	/	22.10

	DFT-s-OFDM 16QAM	1	1	/	20.46	/	22.10
	DFT-s-OFDM 64QAM	1	1	/	19.10	/	20.60
	DFT-s-OFDM 256QAM	1	1	/	17.04	/	18.60
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1	/	19.11	/	20.60
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				633000	633334	633668	
90MHz	DFT-s-OFDM QPSK	1	1	21.69	21.72	21.59	23.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632668	633334	634000	
80MHz	DFT-s-OFDM QPSK	1	1	21.63	21.68	21.66	23.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632334	633334	634332	
70MHz	DFT-s-OFDM QPSK	1	1	21.65	21.70	21.69	23.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	
60MHz	DFT-s-OFDM QPSK	1	1	21.72	21.72	21.68	23.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631668	633334	635000	
50MHz	DFT-s-OFDM QPSK	1	1	21.54	21.69	21.65	23.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
40MHz	DFT-s-OFDM QPSK	1	1	21.55	21.68	21.62	23.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631000	633334	635668	
30MHz	DFT-s-OFDM QPSK	1	1	21.61	21.60	21.57	23.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	21.51	21.72	21.60	23.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630500	633334	636168	
15MHz	DFT-s-OFDM QPSK	1	1	21.59	21.66	21.60	23.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630334	633334	636334	
10MHz	DFT-s-OFDM QPSK	1	1	21.60	21.64	21.64	23.10

N78 PC2 DSI1&5				Conducted Power(dBm)				
SCS 30kHz(3450~3550)								
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				/	633334	/		
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	18.36	/	19.60	
		1	137	/	18.47	/	19.60	
		1	271	/	18.46	/	19.60	
		135	0	/	18.43	/	19.60	
		135	69	/	18.54	/	19.60	
		135	138	/	18.44	/	19.60	
		270	0	/	18.35	/	19.60	
	DFT-s-OFDM QPSK	1	1	/	18.73	/	19.60	
		1	137	/	18.48	/	19.60	
		1	271	/	18.35	/	19.60	
		135	0	/	18.41	/	19.60	
		135	69	/	18.66	/	19.60	
		135	138	/	18.43	/	19.60	
		270	0	/	18.44	/	19.60	
	DFT-s-OFDM 16QAM	1	1	/	18.50	/	19.60	
	DFT-s-OFDM 64QAM	1	1	/	18.50	/	19.60	
	DFT-s-OFDM 256QAM	1	1	/	17.62	/	18.60	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					/	633334	/	
	100MHz	CP-OFDM QPSK	1	1	/	18.46	/	19.60
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				633000	633334	633668		
90MHz	DFT-s-OFDM QPSK	1	1	18.57	18.53	18.53	19.60	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				632668	633334	634000		
80MHz	DFT-s-OFDM QPSK	1	1	18.62	18.58	18.58	19.60	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				632334	633334	634332		
70MHz	DFT-s-OFDM QPSK	1	1	18.56	18.54	18.62	19.60	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				632000	633334	634668		
60MHz	DFT-s-OFDM QPSK	1	1	18.63	18.60	18.54	19.60	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				631668	633334	635000		
50MHz	DFT-s-OFDM QPSK	1	1	18.60	18.59	18.53	19.60	



Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
40MHz	DFT-s-OFDM QPSK	1	1	18.52	18.60	18.61	19.60
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631000	633334	635668	
30MHz	DFT-s-OFDM QPSK	1	1	18.55	18.59	18.60	19.60
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	18.55	18.57	18.56	19.60
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630500	633334	636168	
15MHz	DFT-s-OFDM QPSK	1	1	18.60	18.58	18.63	19.60
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630334	633334	636334	
10MHz	DFT-s-OFDM QPSK	1	1	18.56	18.59	18.58	19.60

N78 PC3 Default				Conducted Power(dBm)				
SCS 30kHz(3450~3550)								
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				/	633334	/		
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	3500	/	21.10	
		1	137	/	19.67	/	21.10	
		1	271	/	19.71	/	21.10	
		135	0	/	19.79	/	21.10	
		135	69	/	19.68	/	21.10	
		135	138	/	19.64	/	21.10	
		135	138	/	19.64	/	21.10	
	DFT-s-OFDM QPSK	1	1	/	19.70	/	21.10	
		1	137	/	19.72	/	21.10	
		1	271	/	19.74	/	21.10	
		135	0	/	19.96	/	21.10	
		135	69	/	19.85	/	21.10	
		135	138	/	19.78	/	21.10	
		135	138	/	19.67	/	21.10	
	DFT-s-OFDM 16QAM	1	1	/	20.02	/	21.10	
	DFT-s-OFDM 64QAM	1	1	/	19.19	/	20.60	
	DFT-s-OFDM 256QAM	1	1	/	17.25	/	18.60	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					/	633334	/	
	100MHz	CP-OFDM QPSK	1	1	/	19.25	/	20.60

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				633000	633334	633668	
90MHz	DFT-s-OFDM QPSK	1	1	19.67	19.76	19.72	21.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632668	633334	634000	
80MHz	DFT-s-OFDM QPSK	1	1	19.50	19.77	19.53	21.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632334	633334	634332	
70MHz	DFT-s-OFDM QPSK	1	1	19.45	19.71	19.62	21.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	
60MHz	DFT-s-OFDM QPSK	1	1	19.51	19.71	19.56	21.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631668	633334	635000	
50MHz	DFT-s-OFDM QPSK	1	1	19.46	19.73	19.56	21.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
40MHz	DFT-s-OFDM QPSK	1	1	19.53	19.81	19.54	21.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631000	633334	635668	
30MHz	DFT-s-OFDM QPSK	1	1	19.51	19.72	19.59	21.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	19.57	19.81	19.59	21.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630500	633334	636168	
15MHz	DFT-s-OFDM QPSK	1	1	19.52	19.71	19.55	21.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630334	633334	636334	
10MHz	DFT-s-OFDM QPSK	1	1	19.49	19.70	19.55	21.10

N78 PC3 DS1&5				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	16.61	/	17.60
		1	137	/	16.41	/	17.60
		1	271	/	16.56	/	17.60
		135	0	/	16.46	/	17.60

		135	69	/	16.46	/	17.60
		135	138	/	16.49	/	17.60
		270	0	/	16.53	/	17.60
	DFT-s-OFDM QPSK	1	1	/	16.66	/	17.60
		1	137	/	16.59	/	17.60
		1	271	/	16.58	/	17.60
		135	0	/	16.49	/	17.60
		135	69	/	16.61	/	17.60
		135	138	/	16.47	/	17.60
		270	0	/	16.57	/	17.60
	DFT-s-OFDM 16QAM	1	1	/	16.66	/	17.60
	DFT-s-OFDM 64QAM	1	1	/	16.57	/	17.60
	DFT-s-OFDM 256QAM	1	1	/	16.49	/	17.60
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1	/	16.50	/	17.60
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				633000	633334	633668	
90MHz	DFT-s-OFDM QPSK	1	1	16.45	16.45	16.44	17.60
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632668	633334	634000	
80MHz	DFT-s-OFDM QPSK	1	1	16.52	16.46	16.49	17.60
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632334	633334	634332	
70MHz	DFT-s-OFDM QPSK	1	1	16.42	16.48	16.47	17.60
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	
60MHz	DFT-s-OFDM QPSK	1	1	16.43	16.49	16.44	17.60
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631668	633334	635000	
50MHz	DFT-s-OFDM QPSK	1	1	16.47	16.47	16.46	17.60
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
40MHz	DFT-s-OFDM QPSK	1	1	16.52	16.49	16.49	17.60
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631000	633334	635668	
30MHz	DFT-s-OFDM QPSK	1	1	16.44	16.49	16.46	17.60
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	

20MHz	DFT-s-OFDM QPSK	1	1	16.47	16.48	16.43	17.60
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630500	633334	636168	
15MHz	DFT-s-OFDM QPSK	1	1	16.44	16.48	16.43	17.60
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630334	633334	636334	
10MHz	DFT-s-OFDM QPSK	1	1	16.42	16.47	16.52	17.60

N78 PC2 DSI4				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	19.67	/	21.10
		1	137	/	19.71	/	21.10
		1	271	/	19.79	/	21.10
		135	0	/	19.68	/	20.10
		135	69	/	19.64	/	21.10
		135	138	/	19.64	/	20.10
	DFT-s-OFDM QPSK	270	0	/	19.70	/	20.10
		1	1	/	19.99	/	21.10
		1	137	/	19.74	/	21.10
		1	271	/	19.76	/	21.10
		135	0	/	19.85	/	20.10
		135	69	/	19.98	/	21.10
	DFT-s-OFDM 16QAM	135	138	/	19.67	/	20.10
		270	0	/	19.78	/	20.10
		1	1	/	20.02	/	20.10
	DFT-s-OFDM 64QAM	1	1	/	19.31	/	20.10
		1	1	/	17.55	/	18.60
	DFT-s-OFDM 256QAM	1	1	/	17.55	/	18.60
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1	/	19.25	/	20.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				633000	633334	633668	
90MHz	DFT-s-OFDM QPSK	1	1	19.91	19.89	19.83	21.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632668	633334	634000	
80MHz	DFT-s-OFDM QPSK	1	1	19.87	19.84	19.91	21.10

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632334	633334	634332	
70MHz	DFT-s-OFDM QPSK	1	1	19.87	19.84	19.86	21.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	
60MHz	DFT-s-OFDM QPSK	1	1	19.82	19.88	19.85	21.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631668	633334	635000	
50MHz	DFT-s-OFDM QPSK	1	1	19.84	19.89	19.86	21.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
40MHz	DFT-s-OFDM QPSK	1	1	19.88	19.92	19.82	21.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631000	633334	635668	
30MHz	DFT-s-OFDM QPSK	1	1	19.85	19.84	19.87	21.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	19.87	19.89	19.82	21.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630500	633334	636168	
15MHz	DFT-s-OFDM QPSK	1	1	19.87	19.88	19.89	21.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630334	633334	636334	
10MHz	DFT-s-OFDM QPSK	1	1	19.84	19.90	19.87	21.10

N78 PC2 DSI4				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	17.79	/	19.10
		1	137	/	17.94	/	19.10
		1	271	/	17.94	/	19.10
		135	0	/	17.81	/	19.10
		135	69	/	17.68	/	19.10
		135	138	/	17.79	/	19.10
		270	0	/	17.73	/	19.10
	DFT-s-OFDM QPSK	1	1	/	17.98	/	19.10
		1	137	/	17.94	/	19.10
		1	271	/	17.93	/	19.10
		135	0	/	17.91	/	19.10
		135	69	/	17.87	/	19.10
		135	138	/	17.82	/	19.10

		270	0	/	17.94	/	19.10
	DFT-s-OFDM 16QAM	1	1	/	18.09	/	19.10
	DFT-s-OFDM 64QAM	1	1	/	17.85	/	19.10
	DFT-s-OFDM 256QAM	1	1	/	17.11	/	18.60
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1	/	17.89	/	19.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				633000	633334	633668	
90MHz	DFT-s-OFDM QPSK	1	1	17.74	17.71	17.76	19.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632668	633334	634000	
80MHz	DFT-s-OFDM QPSK	1	1	17.79	17.73	17.76	19.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632334	633334	634332	
70MHz	DFT-s-OFDM QPSK	1	1	17.75	17.83	17.74	19.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	
60MHz	DFT-s-OFDM QPSK	1	1	17.76	17.71	17.78	19.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631668	633334	635000	
50MHz	DFT-s-OFDM QPSK	1	1	17.73	17.75	17.72	19.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
40MHz	DFT-s-OFDM QPSK	1	1	17.73	17.80	17.77	19.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631000	633334	635668	
30MHz	DFT-s-OFDM QPSK	1	1	17.73	17.79	17.82	19.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	17.83	17.79	17.76	19.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630500	633334	636168	
15MHz	DFT-s-OFDM QPSK	1	1	17.74	17.83	17.80	19.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630334	633334	636334	
10MHz	DFT-s-OFDM QPSK	1	1	17.77	17.74	17.81	19.10

N78 PC2 Default				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	/	21.58	/	23.10	
		1	137	/	21.53	/	23.10	
		1	271	/	21.16	/	23.10	
		135	0	/	20.66	/	22.10	
		135	69	/	21.57	/	23.10	
		135	138	/	20.52	/	22.10	
		270	0	/	20.46	/	22.10	
	DFT-s-OFDM QPSK	1	1	/	21.68	/	23.10	
		1	137	/	21.64	/	23.10	
		1	271	/	21.12	/	23.10	
		135	0	/	20.70	/	22.10	
		135	69	/	21.64	/	23.10	
		135	138	/	20.60	/	22.10	
			270	0	/	20.59	/	22.10
		DFT-s-OFDM 16QAM	1	1	/	20.53	/	22.10
		DFT-s-OFDM 64QAM	1	1	/	19.05	/	20.60
		DFT-s-OFDM 256QAM	1	1	/	17.08	/	18.60
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				/	650000	/		
100MHz	CP-OFDM QPSK	1	1	/	19.21	/	20.60	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				649668	650000	650334		
90MHz	DFT-s-OFDM QPSK	1	1	21.61	21.72	21.70	23.10	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				649334	650000	650668		
80MHz	DFT-s-OFDM QPSK	1	1	21.56	21.73	21.54	23.10	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				649000	650000	651002		
70MHz	DFT-s-OFDM QPSK	1	1	21.57	21.62	21.59	23.10	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				648668	650000	651334		
60MHz	DFT-s-OFDM QPSK	1	1	21.59	21.61	21.57	23.10	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				648334	650000	651668		
50MHz	DFT-s-OFDM QPSK	1	1	21.48	21.66	21.55	23.10	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	

				648000	650000	652000	
40MHz	DFT-s-OFDM QPSK	1	1	21.51	21.61	21.53	23.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647668	650000	652334	
30MHz	DFT-s-OFDM QPSK	1	1	21.48	21.70	21.63	23.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647334	650000	652668	
20MHz	DFT-s-OFDM QPSK	1	1	21.47	21.69	21.57	23.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647166	650000	652836	
15MHz	DFT-s-OFDM QPSK	1	1	21.57	21.70	21.57	23.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647000	650000	653002	
10MHz	DFT-s-OFDM QPSK	1	1	21.48	21.60	21.60	23.10

N78 PC2 DSI1&5				Conducted Power(dBm)				
SCS 30kHz(3700~3800)								
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				/	650000	/		
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	18.31	/	19.60	
		1	137	/	18.41	/	19.60	
		1	271	/	18.35	/	19.60	
		135	0	/	18.46	/	19.60	
		135	69	/	18.37	/	19.60	
		135	138	/	18.46	/	19.60	
		270	0	/	18.35	/	19.60	
	DFT-s-OFDM QPSK	1	1	/	18.59	/	19.60	
		1	137	/	18.37	/	19.60	
		1	271	/	18.46	/	19.60	
		135	0	/	18.39	/	19.60	
		135	69	/	18.50	/	19.60	
		135	138	/	18.43	/	19.60	
	DFT-s-OFDM 16QAM	1	1	/	18.45	/	19.60	
		1	1	/	17.63	/	18.60	
		1	1	/	17.63	/	18.60	
	DFT-s-OFDM 64QAM	1	1	/	17.63	/	18.60	
	DFT-s-OFDM 256QAM	1	1	/	17.63	/	18.60	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					/	650000	/	
	100MHz	CP-OFDM QPSK	1	1	/	18.44	/	19.60

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649668	650000	650334	
90MHz	DFT-s-OFDM QPSK	1	1	18.35	18.52	18.37	19.60
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649334	650000	650668	
80MHz	DFT-s-OFDM QPSK	1	1	18.41	18.51	18.42	19.60
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649000	650000	651002	
70MHz	DFT-s-OFDM QPSK	1	1	18.46	18.52	18.48	19.60
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648668	650000	651334	
60MHz	DFT-s-OFDM QPSK	1	1	18.35	18.41	18.37	19.60
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648334	650000	651668	
50MHz	DFT-s-OFDM QPSK	1	1	18.38	18.46	18.45	19.60
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648000	650000	652000	
40MHz	DFT-s-OFDM QPSK	1	1	18.32	18.53	18.33	19.60
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647668	650000	652334	
30MHz	DFT-s-OFDM QPSK	1	1	18.33	18.54	18.41	19.60
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647334	650000	652668	
20MHz	DFT-s-OFDM QPSK	1	1	18.41	18.45	18.42	19.60
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647166	650000	652836	
15MHz	DFT-s-OFDM QPSK	1	1	18.40	18.40	18.41	19.60
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647000	650000	653002	
10MHz	DFT-s-OFDM QPSK	1	1	18.36	18.31	18.31	19.60

N78 PC3 Default				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	/	19.59	/	21.10
		1	137	/	19.79	/	21.10
		1	271	/	19.80	/	21.10
		135	0	/	19.64	/	21.10
		135	69	/	19.68	/	21.10

		135	138	/	19.60	/	21.10
		270	0	/	19.77	/	21.10
	DFT-s-OFDM QPSK	1	1	/	19.74	/	21.10
		1	137	/	19.84	/	21.10
		1	271	/	19.91	/	21.10
		135	0	/	19.84	/	21.10
		135	69	/	19.79	/	21.10
		135	138	/	19.68	/	21.10
	270	0	/	19.82	/	21.10	
	DFT-s-OFDM 16QAM	1	1	/	20.02	/	21.10
DFT-s-OFDM 64QAM	1	1	/	19.18	/	20.60	
DFT-s-OFDM 256QAM	1	1	/	17.33	/	18.60	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
100MHz	CP-OFDM QPSK	1	1	/	19.24	/	20.60
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649668	650000	650334	
90MHz	DFT-s-OFDM QPSK	1	1	19.63	19.79	19.59	21.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649334	650000	650668	
80MHz	DFT-s-OFDM QPSK	1	1	19.58	19.68	19.62	21.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649000	650000	651002	
70MHz	DFT-s-OFDM QPSK	1	1	19.55	19.81	19.57	21.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648668	650000	651334	
60MHz	DFT-s-OFDM QPSK	1	1	19.52	19.67	19.55	21.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648334	650000	651668	
50MHz	DFT-s-OFDM QPSK	1	1	19.50	19.71	19.62	21.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648000	650000	652000	
40MHz	DFT-s-OFDM QPSK	1	1	19.54	19.80	19.61	21.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647668	650000	652334	
30MHz	DFT-s-OFDM QPSK	1	1	19.46	19.76	19.53	21.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647334	650000	652668	

20MHz	DFT-s-OFDM QPSK	1	1	19.50	19.69	19.51	21.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647166	650000	652836	
15MHz	DFT-s-OFDM QPSK	1	1	19.53	19.70	19.55	21.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647000	650000	653002	
10MHz	DFT-s-OFDM QPSK	1	1	19.44	19.77	19.57	21.10

N78 PC3 DSI1&5				Conducted Power(dBm)				
SCS 30kHz(3700~3800)								
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				/	650000	/		
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	16.61	/	17.60	
		1	137	/	16.45	/	17.60	
		1	271	/	16.50	/	17.60	
		135	0	/	16.46	/	17.60	
		135	69	/	16.47	/	17.60	
		135	138	/	16.53	/	17.60	
		270	0	/	16.61	/	17.60	
	DFT-s-OFDM QPSK	1	1	/	16.81	/	17.60	
		1	137	/	16.60	/	17.60	
		1	271	/	16.55	/	17.60	
		135	0	/	16.55	/	17.60	
		135	69	/	16.73	/	17.60	
		135	138	/	16.48	/	17.60	
		270	0	/	16.48	/	17.60	
	DFT-s-OFDM 16QAM	1	1	/	16.52	/	17.60	
	DFT-s-OFDM 64QAM	1	1	/	16.56	/	17.60	
	DFT-s-OFDM 256QAM	1	1	/	16.53	/	17.60	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					/	650000	/	
	100MHz	CP-OFDM QPSK	1	1	/	16.55	/	17.60
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				649668	650000	650334		
90MHz	DFT-s-OFDM QPSK	1	1	16.54	16.48	16.53	17.60	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				649334	650000	650668		
80MHz	DFT-s-OFDM QPSK	1	1	16.56	16.54	16.58	17.60	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	

				649000	650000	651002	
70MHz	DFT-s-OFDM QPSK	1	1	16.63	16.52	16.60	17.60
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648668	650000	651334	
60MHz	DFT-s-OFDM QPSK	1	1	16.55	16.44	16.56	17.60
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648334	650000	651668	
50MHz	DFT-s-OFDM QPSK	1	1	16.60	16.44	16.53	17.60
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648000	650000	652000	
40MHz	DFT-s-OFDM QPSK	1	1	16.56	16.43	16.52	17.60
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647668	650000	652334	
30MHz	DFT-s-OFDM QPSK	1	1	16.56	16.56	16.52	17.60
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647334	650000	652668	
20MHz	DFT-s-OFDM QPSK	1	1	16.57	16.53	16.53	17.60
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647166	650000	652836	
15MHz	DFT-s-OFDM QPSK	1	1	16.53	16.58	16.63	17.60
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647000	650000	653002	
10MHz	DFT-s-OFDM QPSK	1	1	16.63	16.56	16.58	17.60

N78 PC2 DSI4				Conducted Power(dBm)			
SCS 30kHz(3700~3800)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	19.59	/	21.10
		1	137	/	19.79	/	21.10
		1	271	/	19.80	/	21.10
		135	0	/	19.64	/	20.10
		135	69	/	19.68	/	21.10
		135	138	/	19.60	/	20.10
		270	0	/	19.77	/	20.10
	DFT-s-OFDM QPSK	1	1	/	20.03	/	21.10
		1	137	/	19.64	/	21.10
		1	271	/	19.71	/	21.10
		135	0	/	19.84	/	20.10
		135	69	/	19.99	/	21.10
		135	138	/	19.68	/	20.10
		270	0	/	19.82	/	20.10

	DFT-s-OFDM 16QAM	1	1	/	20.02	/	20.10
	DFT-s-OFDM 64QAM	1	1	/	19.34	/	20.10
	DFT-s-OFDM 256QAM	1	1	/	17.36	/	18.60
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
100MHz	CP-OFDM QPSK	1	1	/	19.24	/	20.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649668	650000	650334	
90MHz	DFT-s-OFDM QPSK	1	1	19.63	19.79	19.59	21.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649334	650000	650668	
80MHz	DFT-s-OFDM QPSK	1	1	19.58	19.83	19.69	21.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649000	650000	651002	
70MHz	DFT-s-OFDM QPSK	1	1	19.71	19.71	19.73	21.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648668	650000	651334	
60MHz	DFT-s-OFDM QPSK	1	1	19.68	19.70	19.60	21.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648334	650000	651668	
50MHz	DFT-s-OFDM QPSK	1	1	19.70	19.83	19.67	21.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648000	650000	652000	
40MHz	DFT-s-OFDM QPSK	1	1	19.60	19.74	19.60	21.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647668	650000	652334	
30MHz	DFT-s-OFDM QPSK	1	1	19.66	19.71	19.69	21.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647334	650000	652668	
20MHz	DFT-s-OFDM QPSK	1	1	19.67	19.75	19.73	21.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647166	650000	652836	
15MHz	DFT-s-OFDM QPSK	1	1	19.64	19.59	19.66	21.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647000	650000	653002	
10MHz	DFT-s-OFDM QPSK	1	1	19.56	19.56	19.62	21.10

N78 PC2 DSI4				Conducted Power(dBm)				
SCS 30kHz(3700~3800)								
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				/	650000	/		
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	17.74	/	19.10	
		1	137	/	17.98	/	19.10	
		1	271	/	18.01	/	19.10	
		135	0	/	17.75	/	19.10	
		135	69	/	17.75	/	19.10	
		135	138	/	17.71	/	19.10	
	DFT-s-OFDM QPSK	270	0	/	17.73	/	19.10	
		1	1	/	18.05	/	19.10	
		1	137	/	17.85	/	19.10	
		1	271	/	18.01	/	19.10	
		135	0	/	17.91	/	19.10	
		135	69	/	17.89	/	19.10	
	DFT-s-OFDM 16QAM	135	138	/	17.87	/	19.10	
		270	0	/	17.92	/	19.10	
		DFT-s-OFDM 16QAM	1	1	/	18.17	/	19.10
		DFT-s-OFDM 64QAM	1	1	/	17.78	/	19.10
		DFT-s-OFDM 256QAM	1	1	/	16.93	/	18.60
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/		
100MHz	CP-OFDM QPSK	1	1	/	17.86	/	19.10	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				649668	650000	650334		
90MHz	DFT-s-OFDM QPSK	1	1	17.64	17.88	17.66	19.10	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				649334	650000	650668		
80MHz	DFT-s-OFDM QPSK	1	1	17.58	17.77	17.59	19.10	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				649000	650000	651002		
70MHz	DFT-s-OFDM QPSK	1	1	17.62	17.77	17.66	19.10	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				648668	650000	651334		
60MHz	DFT-s-OFDM QPSK	1	1	17.67	17.79	17.64	19.10	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				648334	650000	651668		
50MHz	DFT-s-OFDM QPSK	1	1	17.56	17.91	17.66	19.10	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				648000	650000	652000		



40MHz	DFT-s-OFDM QPSK	1	1	17.61	17.82	17.71	19.10
Bandwidth	Modulation	RB size	RB offset	Channel 647668	Channel 650000	Channel 652334	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	17.56	17.86	17.68	19.10
Bandwidth	Modulation	RB size	RB offset	Channel 647334	Channel 650000	Channel 652668	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	17.65	17.88	17.66	19.10
Bandwidth	Modulation	RB size	RB offset	Channel 647166	Channel 650000	Channel 652836	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	17.56	17.61	17.71	19.10
Bandwidth	Modulation	RB size	RB offset	Channel 647000	Channel 650000	Channel 653002	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	17.55	17.73	17.65	19.10

10 Conducted Power of WiFi and Bluetooth

10.1 Conducted Power of WIFI

WIFI 2.4G Receiver on Standalone							
Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	chain0 Average Power (dBm)	chain1 Average Power (dBm)	MIMO Average Power (dBm)	Tune up
802.11b	1	2412	1	16.42	16.45	19.45	20.00
	6	2437		16.49	16.47	19.49	20.00
	11	2462		16.36	16.37	19.38	20.00
802.11g	1	2412	6	15.56	15.52	18.55	19.50
	6	2437		15.77	15.72	18.76	19.50
	11	2462		15.60	15.50	18.56	19.50
802.11n HT20	1	2412	6.5	14.47	14.46	17.48	18.00
	6	2437		14.48	14.32	17.41	18.00
	11	2462		14.40	14.17	17.30	18.00
802.11n HT40	3	2422	13.5	13.75	13.66	16.72	17.50
	6	2437		13.96	13.62	16.80	17.50
	9	2452		13.77	13.71	16.75	17.50

WIFI 2.4G Receiver on Simultaneous							
Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	chain0 Average Power (dBm)	chain1 Average Power (dBm)	MIMO Average Power (dBm)	Tune up
802.11b	1	2412	1	9.50	9.46	12.49	13.50
	6	2437		9.45	9.54	12.51	13.50
	11	2462		9.42	9.46	12.45	13.50
802.11g	1	2412	6	9.06	9.11	12.10	13.00
	6	2437		9.23	9.28	12.27	13.00
	11	2462		9.15	9.10	12.14	13.00
802.11n HT20	1	2412	6.5	8.94	8.92	11.94	12.50
	6	2437		8.96	8.91	11.95	12.50
	11	2462		8.94	8.64	11.80	12.50
802.11n HT40	3	2422	13.5	8.85	8.61	11.74	12.50
	6	2437		8.98	8.68	11.84	12.50
	9	2452		8.78	8.70	11.75	12.50

WIFI 5G Receiver off								
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	chain0 Average Power (dBm)	chain1 Average Power (dBm)	MIMO Average Power (dBm)	Tune up
802.11a	U-NII-1	36	5180	6	16.40	17.47	19.98	21.00
		40	5200		16.66	17.55	20.14	21.00
		44	5220		16.16	17.40	19.83	21.00
		48	5240		16.19	17.44	19.87	21.00
	U-NII-2A	52	5260		16.45	17.39	19.96	21.00
		56	5280		16.35	17.47	19.96	21.00
		60	5300		15.82	17.01	19.47	21.00
		64	5320		15.61	17.37	19.59	21.00
	U-NII-2C	100	5500		14.73	15.78	18.30	19.00
		104	5520		15.01	15.75	18.41	19.00
		108	5540		15.29	15.86	18.59	19.50
		112	5560		16.44	16.08	19.27	20.00
		116	5580		16.45	16.02	19.25	20.00
		120	5600		16.68	16.18	19.45	20.00
		124	5620		16.93	16.33	19.65	20.50
		128	5640		16.96	16.44	19.72	20.50
		132	5660		17.04	15.69	19.43	20.50
		136	5680		17.08	15.98	19.58	20.50
	U-NII-3	140	5700		17.35	16.28	19.86	20.50
		144	5720		17.31	16.28	19.84	20.50
149		5745	17.89	17.25	20.59	21.50		
153		5765	17.84	17.02	20.46	21.50		
157		5785	17.56	16.75	20.18	21.50		
		161	5805	18.06	17.02	20.58	21.50	
		165	5825	17.95	17.08	20.55	21.50	
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)	Tune up
802.11n-HT20	U-NII-1	36	5180	MCS0	15.31	16.29	18.84	19.50
		40	5200		15.28	16.35	18.86	19.50
		44	5220		14.92	16.23	18.63	19.50
		48	5240		14.95	16.40	18.75	19.50
	U-NII-2A	52	5260		15.17	16.28	18.77	19.50
		56	5280		15.02	16.44	18.80	19.50
		60	5300		14.55	16.13	18.42	19.50
	U-NII-2C	64	5320		14.34	16.20	18.38	19.50
		100	5500		13.55	14.60	17.12	19.50
		104	5520		13.85	14.64	17.27	19.50
		108	5540		14.16	14.79	17.50	19.50
			112		5560	15.37	14.95	18.18

		116	5580		15.33	14.92	18.14	19.50		
		120	5600		15.54	14.93	18.26	19.50		
		124	5620		15.79	15.30	18.56	19.50		
		128	5640		15.56	15.34	18.46	19.50		
		132	5660		15.86	14.61	18.29	19.50		
		136	5680		15.92	14.86	18.43	19.50		
		140	5700		16.00	14.95	18.52	19.50		
		144	5720		16.37	15.18	18.83	19.50		
		149	5745		16.73	16.40	19.58	20.50		
	U-NII-3	153	5765		16.78	16.13	19.48	20.50		
		157	5785		16.51	15.77	19.17	20.50		
		161	5805		17.07	16.19	19.66	20.50		
		165	5825		16.64	15.88	19.29	20.50		
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)	Tune up		
802.11n-HT40	U-NII-1	38	5190	MCS0	11.95	13.37	15.73	17.50		
		46	5230		11.84	13.39	15.69	17.50		
	U-NII-2A	54	5270		12.86	14.43	16.73	17.50		
		62	5310		12.27	14.22	16.36	17.50		
	U-NII-2C	102	5510		13.28	14.59	16.99	19.00		
		110	5550		14.75	14.96	17.87	19.00		
		118	5590		15.23	15.10	18.18	19.00		
		126	5630		15.47	15.09	18.29	19.00		
		134	5670		15.48	14.60	18.07	19.00		
	U-NII-3	142	5710		15.82	15.10	18.49	19.00		
		151	5755		16.35	15.89	19.14	20.00		
		159	5795		16.08	15.65	18.88	20.00		
	5GHz	mode	Channel		Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)	Tune up
	802.11ac-20	U-NII-1	36		5180	MCS0	15.32	16.29	18.84	19.50
40			5200	15.36	16.35		18.89	19.50		
44			5220	14.87	16.26		18.63	19.50		
48			5240	14.98	16.32		18.71	19.50		
U-NII-2A		52	5260	15.16	16.31		18.78	19.50		
		56	5280	15.08	16.41		18.81	19.50		
		60	5300	14.55	16.03		18.36	19.50		
U-NII-2C		64	5320	14.41	16.23		18.42	19.50		
		100	5500	13.62	14.68		17.19	19.50		
		104	5520	13.92	14.65		17.31	19.50		
		108	5540	14.32	14.65		17.50	19.50		
		112	5560	15.47	14.90		18.20	19.50		
			116	5580	15.37		14.94	18.17	19.50	
			120	5600	15.43		14.92	18.19	19.50	

		124	5620		15.79	15.27	18.55	19.50		
		128	5640		15.69	15.37	18.54	19.50		
		132	5660		15.82	14.54	18.24	19.50		
		136	5680		15.95	14.90	18.47	19.50		
		140	5700		16.04	14.97	18.55	19.50		
		144	5720		16.38	15.13	18.81	19.50		
	U-NII-3	149	5745		16.72	16.31	19.53	20.50		
		153	5765		16.76	16.07	19.44	20.50		
		157	5785		16.59	15.81	19.23	20.50		
		161	5805		17.11	16.21	19.69	20.50		
		165	5825		16.71	15.92	19.34	20.50		
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)	Tune up		
802.11ac-40	U-NII-1	38	5190	MCS0	12.01	13.46	15.81	16.50		
		46	5230		11.80	13.36	15.66	16.50		
	U-NII-2A	54	5270		12.88	14.43	16.73	17.50		
		62	5310		12.34	14.27	16.42	17.50		
	U-NII-2C	102	5510		13.27	14.66	17.03	19.50		
		110	5550		14.81	14.91	17.87	19.50		
		118	5590		15.32	15.08	18.21	19.50		
		126	5630		15.48	15.17	18.34	19.50		
		134	5670		15.55	14.65	18.13	19.50		
		142	5710		15.85	15.17	18.53	19.50		
	U-NII-3	151	5755		16.36	15.88	19.14	20.00		
		159	5795		16.14	15.72	18.95	20.00		
	5GHz	mode	Channel		Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)	Tune up
	802.11ac 80M	U-NII-1	42		5210	MCS0	12.41	13.61	16.06	17.00
U-NII-2A		58	5290	11.80	13.16		15.54	16.50		
U-NII-2C		106	5530	12.09	12.72		15.43	16.50		
		122	5610	13.61	13.10		16.37	17.00		
		138	5690	14.03	12.87		16.50	17.00		
U-NII-3		155	5775	15.62	14.82		18.25	19.00		

WIFI 5G Receiver on Standalone								
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	chain0 Average Power (dBm)	chain1 Average Power (dBm)	MIMO Average Power (dBm)	Tune up
802.11a	U-NII-1	36	5180	6	13.37	14.52	16.99	18.00
		40	5200		13.67	14.60	17.17	18.00
		44	5220		13.18	14.44	16.87	18.00
		48	5240		13.18	14.44	16.87	18.00
	U-NII-2A	52	5260		13.57	14.51	17.08	18.00
		56	5280		13.35	14.54	17.00	18.00
		60	5300		12.90	13.97	16.48	18.00
		64	5320		12.46	14.38	16.54	17.50
	U-NII-2C	100	5500		12.78	13.84	16.35	17.00
		104	5520		13.08	13.73	16.43	17.00
		108	5540		13.24	13.94	16.61	17.50
		112	5560		14.51	14.04	17.29	18.00
		116	5580		14.47	14.05	17.28	18.00
		120	5600		14.65	14.14	17.41	18.00
		124	5620		14.91	14.33	17.64	18.50
		128	5640		14.95	14.51	17.75	18.50
		132	5660		15.06	13.76	17.47	18.50
		136	5680		15.14	14.03	17.63	18.50
	U-NII-3	140	5700		15.38	14.31	17.89	18.50
		144	5720		15.36	14.24	17.85	18.50
		149	5745		13.63	12.68	16.19	17.00
		153	5765		13.44	12.61	16.06	17.00
		157	5785		13.11	12.35	15.76	16.50
			161		5805	13.61	12.68	16.18
		165	5825	13.52	12.62	16.10	17.00	
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)	Tune up
802.11n-HT20	U-NII-1	36	5180	MCS0	12.96	14.16	16.61	17.50
		40	5200		13.27	14.01	16.67	17.50
		44	5220		12.82	14.00	16.46	17.50
		48	5240		12.80	14.02	16.46	17.50
	U-NII-2A	52	5260		13.12	13.97	16.58	17.50
		56	5280		12.99	14.05	16.56	17.50
		60	5300		12.32	13.65	16.05	17.50
		64	5320		12.19	14.00	16.20	17.50
	U-NII-2C	100	5500		12.23	13.33	15.83	18.50
		104	5520		12.64	13.32	16.00	18.50
		108	5540		13.06	13.49	16.29	18.50
		112	5560		13.99	13.65	16.83	18.50

		116	5580		14.04	13.52	16.80	18.50	
		120	5600		14.16	13.88	17.03	18.50	
		124	5620		14.41	13.84	17.14	18.50	
		128	5640		14.47	13.92	17.21	18.50	
		132	5660		14.51	13.28	16.95	18.50	
		136	5680		14.77	13.58	17.23	18.50	
		140	5700		15.00	14.08	17.57	18.50	
		144	5720		14.84	13.82	17.37	18.50	
	U-NII-3	149	5745		13.07	12.28	15.70	16.50	
		153	5765		12.85	11.99	15.45	16.50	
		157	5785		12.59	11.96	15.30	16.50	
		161	5805		13.21	12.26	15.77	16.50	
		165	5825		12.96	12.10	15.56	16.50	
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)	Tune up	
802.11n-HT40	U-NII-1	38	5190	MCS0	11.95	13.37	15.73	17.50	
		46	5230		11.84	13.39	15.69	17.50	
	U-NII-2A	54	5270		12.86	14.43	16.73	17.50	
		62	5310		12.27	14.22	16.36	17.50	
	U-NII-2C	102	5510		12.20	13.61	15.97	18.00	
		110	5550		13.76	13.89	16.84	18.00	
		118	5590		14.38	14.06	17.23	18.00	
		126	5630		14.53	14.13	17.34	18.00	
		134	5670		14.55	13.61	17.12	18.00	
		142	5710		14.77	14.13	17.47	18.00	
	U-NII-3	151	5755		12.86	12.53	15.71	16.50	
		159	5795		12.59	12.22	15.42	16.50	
	5GHz	mode	Channel		Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)
802.11ac-20	U-NII-1	36	5180	MCS0	12.93	14.07	16.55	17.50	
		40	5200		13.19	13.99	16.62	17.50	
		44	5220		12.74	14.00	16.43	17.50	
		48	5240		12.78	14.17	16.54	17.50	
	U-NII-2A	52	5260		13.12	14.08	16.64	17.50	
		56	5280		12.98	14.09	16.58	17.50	
		60	5300		12.38	13.62	16.05	17.50	
		64	5320		12.16	14.12	16.26	17.50	
	U-NII-2C	100	5500		12.20	13.33	15.81	18.50	
		104	5520		12.73	13.35	16.06	18.50	
		108	5540		13.00	13.46	16.25	18.50	
		112	5560		13.97	13.76	16.88	18.50	
		116	5580		14.11	13.63	16.89	18.50	
		120	5600		14.17	13.84	17.02	18.50	

		124	5620		14.40	13.99	17.21	18.50		
		128	5640		14.53	14.09	17.33	18.50		
		132	5660		14.65	13.24	17.01	18.50		
		136	5680		14.79	13.69	17.29	18.50		
		140	5700		15.04	14.12	17.61	18.50		
		144	5720		14.86	13.82	17.38	18.50		
	U-NII-3	149	5745		13.13	12.36	15.77	16.50		
		153	5765		12.86	12.06	15.49	16.50		
		157	5785		12.61	11.92	15.29	16.50		
		161	5805		13.17	12.11	15.68	16.50		
		165	5825		12.95	12.15	15.58	16.50		
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)	Tune up		
802.11ac-40	U-NII-1	38	5190	MCS0	12.01	13.46	15.81	16.50		
		46	5230		11.80	13.36	15.66	16.50		
	U-NII-2A	54	5270		12.88	14.43	16.73	17.50		
		62	5310		12.34	14.27	16.42	17.50		
	U-NII-2C	102	5510		12.31	13.67	16.05	18.00		
		110	5550		13.82	13.90	16.87	18.00		
		118	5590		14.30	14.04	17.18	18.00		
		126	5630		14.68	14.11	17.41	18.00		
		134	5670		14.64	13.71	17.21	18.00		
	U-NII-3	142	5710		14.84	14.18	17.53	18.00		
		151	5755		12.89	12.49	15.70	16.50		
		159	5795		12.59	12.20	15.41	16.50		
	5GHz	mode	Channel		Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)	Tune up
	802.11ac 80M	U-NII-1	42		5210	MCS0	12.41	13.61	16.06	17.00
U-NII-2A		58	5290	11.80	13.16		15.54	16.50		
U-NII-2C		106	5530	12.09	12.72		15.43	16.50		
		122	5610	13.61	13.10		16.37	17.00		
		138	5690	14.03	12.87		16.50	17.00		
U-NII-3		155	5775	12.67	12.19		15.45	16.00		

WIFI 5G Receiver on Simultaneous									
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	chain0 Average Power (dBm)	chain1 Average Power (dBm)	MIMO Average Power (dBm)	Tune up	
802.11a	U-NII-1	36	5180	6	9.37	10.54	13.00	14.00	
		40	5200		9.74	10.53	13.16	14.00	
		44	5220		9.20	10.39	12.85	14.00	
		48	5240		9.21	10.51	12.92	14.00	
	U-NII-2A	52	5260		9.46	10.38	12.95	14.00	
		56	5280		9.36	10.43	12.94	14.00	
		60	5300		8.80	10.08	12.50	14.00	
		64	5320		8.64	10.40	12.62	14.00	
	U-NII-2C	100	5500		8.72	9.76	12.28	13.00	
		104	5520		9.04	9.74	12.41	13.00	
		108	5540		9.36	9.91	12.65	13.50	
		112	5560		10.41	10.06	13.25	14.00	
		116	5580		10.52	10.04	13.30	14.00	
		120	5600		10.71	10.23	13.49	14.00	
		124	5620		10.92	10.32	13.64	14.50	
		128	5640		10.99	10.51	13.77	14.50	
		132	5660		11.08	9.70	13.45	14.50	
		136	5680		11.09	9.96	13.57	14.50	
	U-NII-3	140	5700		11.43	10.55	14.02	14.50	
		144	5720		11.33	10.35	13.88	14.50	
		149	5745		11.08	10.20	13.67	14.50	
		153	5765		10.84	10.06	13.48	14.50	
		157	5785		10.58	9.79	13.21	14.50	
			161		5805	11.13	10.09	13.65	14.50
		165	5825	10.93	10.08	13.54	14.50		
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)	Tune up	
802.11n-HT20	U-NII-1	36	5180	MCS0	8.97	10.11	12.59	13.50	
		40	5200		9.24	9.99	12.64	13.50	
		44	5220		8.76	9.94	12.40	13.50	
		48	5240		8.72	10.07	12.46	13.50	
	U-NII-2A	52	5260		9.05	9.95	12.53	13.50	
		56	5280		8.93	9.97	12.49	13.50	
		60	5300		8.28	9.64	12.02	13.50	
			64		5320	8.10	10.00	12.16	13.50
	U-NII-2C	100	5500		8.18	9.25	11.76	14.50	
		104	5520		8.62	9.29	11.98	14.50	
		108	5540		8.96	9.51	12.25	14.50	
		112	5560		10.00	9.64	12.83	14.50	

		116	5580	MCS0	9.98	9.52	12.77	14.50	
		120	5600		10.18	9.78	12.99	14.50	
		124	5620		10.43	9.85	13.16	14.50	
		128	5640		10.47	9.96	13.23	14.50	
		132	5660		10.54	9.25	12.95	14.50	
		136	5680		10.69	9.49	13.14	14.50	
		140	5700		10.91	10.06	13.52	14.50	
		144	5720		10.87	9.81	13.38	14.50	
	U-NII-3	149	5745		10.55	9.80	13.20	14.00	
		153	5765		10.30	9.53	12.94	14.00	
		157	5785		10.10	9.37	12.76	14.00	
		161	5805		10.62	9.68	13.19	14.00	
		165	5825		10.49	9.56	13.06	14.00	
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)	Tune up	
802.11n-HT40	U-NII-1	38	5190	MCS0	9.01	10.42	12.78	13.50	
		46	5230		8.83	10.36	12.67	13.50	
	U-NII-2A	54	5270		8.88	10.51	12.78	13.50	
		62	5310		8.31	10.23	12.39	13.50	
	U-NII-2C	102	5510		8.25	9.62	12.00	14.00	
		110	5550		9.79	9.93	12.87	14.00	
		118	5590		10.28	10.06	13.18	14.00	
		126	5630		10.55	10.15	13.36	14.00	
		134	5670		10.50	9.58	13.07	14.00	
		142	5710		10.77	10.06	13.44	14.00	
	U-NII-3	151	5755		10.32	9.97	13.16	14.00	
		159	5795		10.09	9.66	12.89	14.00	
	5GHz	mode	Channel		Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)
802.11ac-20	U-NII-1	36	5180	MCS0	8.97	10.07	12.57	13.50	
		40	5200		9.22	10.02	12.65	13.50	
		44	5220		8.79	9.90	12.39	13.50	
		48	5240		8.74	10.13	12.50	13.50	
	U-NII-2A	52	5260		9.08	10.04	12.60	13.50	
		56	5280		8.95	10.06	12.55	13.50	
		60	5300		8.30	9.62	12.02	13.50	
		64	5320		8.12	10.07	12.21	13.50	
	U-NII-2C	100	5500		8.24	9.27	11.80	14.50	
		104	5520		8.68	9.30	12.01	14.50	
		108	5540		9.03	9.50	12.28	14.50	
		112	5560		10.00	9.70	12.86	14.50	
		116	5580		10.04	9.56	12.82	14.50	
		120	5600		10.20	9.84	13.03	14.50	

		124	5620		10.43	9.94	13.20	14.50		
		128	5640		10.51	10.01	13.28	14.50		
		132	5660		10.56	9.26	12.97	14.50		
		136	5680		10.71	9.59	13.20	14.50		
		140	5700		10.97	10.08	13.56	14.50		
		144	5720		10.84	9.82	13.37	14.50		
	U-NII-3	149	5745		10.58	9.78	13.21	14.00		
		153	5765		10.33	9.57	12.98	14.00		
		157	5785		10.16	9.33	12.78	14.00		
		161	5805		10.63	9.63	13.17	14.00		
		165	5825		10.45	9.63	13.07	14.00		
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)	Tune up		
802.11ac-40	U-NII-1	38	5190	MCS0	9.10	10.37	12.79	13.50		
		46	5230		8.82	10.34	12.66	13.50		
	U-NII-2A	54	5270		8.88	10.53	12.79	13.50		
		62	5310		8.37	10.25	12.42	13.50		
	U-NII-2C	102	5510		8.26	9.57	11.97	14.00		
		110	5550		9.76	9.89	12.84	14.00		
		118	5590		10.29	10.02	13.17	14.00		
		126	5630		10.60	10.13	13.38	14.00		
		134	5670		10.60	9.62	13.15	14.00		
		142	5710		10.85	10.09	13.50	14.00		
	U-NII-3	151	5755		10.36	10.01	13.20	14.00		
		159	5795		10.05	9.70	12.89	14.00		
	5GHz	mode	Channel		Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)	Tune up
	802.11ac 80M	U-NII-1	42		5210	MCS0	8.92	10.18	12.61	13.50
U-NII-2A		58	5290	8.35	9.68		12.08	13.00		
U-NII-2C		106	5530	8.65	9.18		11.93	14.00		
		122	5610	10.06	9.57		12.83	14.00		
		138	5690	10.63	9.35		13.05	14.00		
U-NII-3		155	5775	10.11	9.72		12.93	13.50		

10.2 Conducted Power of BT

BT Receiver off		Average Conducted Power(dBm)			Tune up
Band	Channel	0	39	78	
BT	GFSK	14.62	14.76	14.12	16.00
	$\pi/4$ DQPSK	12.01	12.22	11.36	15.50
	8DPSK	11.82	12.01	11.03	15.50
Band	Channel	0	19	39	Tune up
BLE 1M	GFSK	6.21	6.66	6.42	10.5
Band	Channel	1	19	38	Tune up
BLE 2M	GFSK	6.44	6.82	6.67	10.5

BT Receiver on		Average Conducted Power(dBm)			Tune up
Band	Channel	0	39	78	
BT	GFSK	10.59	10.82	10.11	12.00
	$\pi/4$ DQPSK	10.51	10.72	9.86	12.00
	8DPSK	10.32	10.51	9.53	12.00
Band	Channel	0	19	39	Tune up
BLE 1M	GFSK	6.21	6.66	6.42	10.5
Band	Channel	1	19	38	Tune up
BLE 2M	GFSK	6.44	6.82	6.67	10.5