Appendix E

Conducted RF Output Power

Measurement of RF conducted Power
1 Conducted Power of Main Antenna (Ant0)
1.1 Conducted Power of GSM
1.2 Conducted Power of WCDMA
1.3 Conducted Power of LTE
2 Conducted Power of Main Antenna (Ant1)
2.1 Conducted Power of GSM
2.2 Conducted Power of WCDMA
2.3 Conducted Power of LTE
3 Conducted Power of Main Antenna (Ant3)
3.1 Conducted Power of GSM
3.2 Conducted Power of WCDMA
3.3 Conducted Power of LTE
4 Conducted Power of Main Antenna (Ant4)
4.1 Conducted Power of GSM
4.2 Conducted Power of WCDMA
4.3 Conducted Power of LTE
5 Conducted Power of Main Antenna (Ant5)
5.1 Conducted Power of LTE
6 Conducted Power of Downlink CA
6.1 Conducted Power of LTE Downlink CA (Ant1)
6.2 Conducted Power of LTE Downlink CA (Ant2)
6.3 Conducted Power of LTE Downlink CA (Ant3)

6.4 Conducted Power of LTE Downlink CA (Ant5)
7 Conducted Power of Downlink CA
7.1 Conducted Power of Downlink CA(Ant0)
7.2 Conducted Power of Downlink CA(Ant1)
7.3 Conducted Power of Downlink CA(Ant3)
7.4 Conducted Power of Downlink CA(Ant4)
7.5 Conducted Power of Downlink CA(Ant5)
8 Conducted Power of ENDC LTE&Inter-band
8.1 Conducted Power of ENDC LTE&Inter-band_UL_CA (Ant5)
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 (Ant3)
9.4 Conducted Power of NR Antenna (Ant4)
9.5 Conducted Power of NR Antenna (Ant5)
9.6 Conducted Power of NR Antenna (Ant6)
9.7 Conducted Power of NR Antenna (Ant7)
9.8 Conducted Power of NR Antenna (Ant10)
10 Conducted Power of WiFi and Bluetooth
10.1 Conducted Power of 2.4GWiFi
10.2 Conducted Power of 5GWiFi
10.3 Conducted Power of Bluetooth

Note:

State（DSI）	Trigger Conditions	Antenna No.
State3（DSI3）	Receiver off Standalone	All WWAN Ant
State5（DSI5）	Receiver on Standalone	All WWAN Ant
State8（DSI8）	Receiver off Simultaneous transmission&Hotspot	All WWAN Ant
State10（DSI10）	Receiver on Simultaneous transmission	All WWAN Ant

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Measurement of RF conducted Power

1 Conducted Power of Main Antenna (Ant0)

1.1 Conducted Power of GSM

GSM 850 state3/5/10										
Burst Output Power(dBm)						Division Factors	Frame-Average Output Power(dBm)			
Channel		128	190	251	Tune up		128	190	251	Tune up
GSM(GMSK)	GSM	31.91	32.01	31.99	32.50	-9.19	22.72	22.82	22.80	23.31
GPRS (GMSK)	1 TX Slot	31.57	31.98	31.98	32.50	-9.19	22.38	22.79	22.79	23.31
	2 TX Slots	29.22	29.15	29.48	30.00	-6.18	23.04	22.97	23.30	23.82
	3 TX Slots	27.71	27.78	27.42	28.50	-4.42	23.29	23.36	23.00	24.08
	4 TX Slots	26.27	26.36	26.79	27.50	-3.17	23.10	23.19	23.62	24.33
EGPRS (GMSK)	1 TX Slot	31.56	32.08	31.98	32.50	-9.19	22.37	22.89	22.79	23.31
	2 TX Slots	29.20	29.05	29.44	30.00	-6.18	23.02	22.87	23.26	23.82
	3 TX Slots	27.70	27.74	27.48	28.50	-4.42	23.28	23.32	23.06	24.08
	4 TX Slots	26.18	26.39	26.83	27.50	-3.17	23.01	23.22	23.66	24.33
EGPRS (8PSK)	1 TX Slot	26.32	26.15	26.54	27.00	-9.19	17.13	16.96	17.35	17.81
	2 TX Slots	24.01	24.21	24.33	25.00	-6.18	17.83	18.03	18.15	18.82
	3 TX Slots	22.07	22.81	22.37	23.50	-4.42	17.65	18.39	17.95	19.08
	4 TX Slots	21.05	21.62	21.42	22.50	-3.17	17.88	18.45	18.25	19.33

GSM 850 state8										
Burst Output Power(dBm)						Division Factors	Frame-Average Output Power(dBm)			
Channel		128	190	251	Tune up		128	190	251	Tune up
GSM(GMSK)	GSM	31.44	31.51	31.40	32.00	-9.19	22.25	22.32	22.21	22.81
GPRS (GMSK)	1 TX Slot	31.48	31.48	31.78	32.00	-9.19	22.29	22.29	22.59	22.81
	2 TX Slots	28.18	28.23	28.52	29.50	-6.18	22.00	22.05	22.34	23.32
	3 TX Slots	26.24	26.54	26.25	28.00	-4.42	21.82	22.12	21.83	23.58
	4 TX Slots	25.23	25.12	25.61	27.00	-3.17	22.06	21.95	22.44	23.83
EGPRS (GMSK)	1 TX Slot	31.58	31.49	31.74	32.00	-9.19	22.39	22.30	22.55	22.81
	2 TX Slots	28.26	28.32	28.62	29.50	-6.18	22.08	22.14	22.44	23.32
	3 TX Slots	26.34	26.47	26.30	28.00	-4.42	21.92	22.05	21.88	23.58
	4 TX Slots	25.26	25.09	25.55	27.00	-3.17	22.09	21.92	22.38	23.83
EGPRS (8PSK)	1 TX Slot	26.33	26.14	26.41	26.50	-9.19	17.14	16.95	17.22	17.31
	2 TX Slots	24.32	24.21	23.81	24.50	-6.18	18.14	18.03	17.63	18.32
	3 TX Slots	22.73	22.78	22.34	23.00	-4.42	18.31	18.36	17.92	18.58
	4 TX Slots	21.81	21.71	21.44	22.00	-3.17	18.64	18.54	18.27	18.83

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1.2 Conducted Power of WCDMA

WCDMA Band V state3/10					
Average Conducted Power(dBm)					
Channel		4132	4182	4233	Tune up
WCDMA	12.2kbps RMC	22.80	22.82	22.63	23.10
	12.2kbps AMR	22.86	22.86	22.56	23.10
HSDPA	Subtest 1	21.88	21.69	21.47	22.10
	Subtest 2	21.97	21.70	21.48	22.10
	Subtest 3	21.48	21.20	20.96	21.60
	Subtest 4	21.44	21.24	20.95	21.60
HSUPA	Subtest 1	21.69	21.86	21.66	22.30
	Subtest 2	19.86	19.83	19.65	20.30
	Subtest 3	20.79	20.81	20.62	21.30
	Subtest 4	19.69	19.79	19.61	20.30
	Subtest 5	21.85	21.80	21.59	22.30
DC-HSDPA	Subtest 1	21.88	21.70	21.55	22.10
	Subtest 2	22.03	21.61	21.38	22.10
	Subtest 3	21.46	21.22	21.05	21.60
	Subtest 4	21.40	21.26	20.93	21.60
HSPA+	16QAM	19.89	20.00	19.85	21.10

WCDMA Band V state5					
Average Conducted Power(dBm)					
Channel		4132	4182	4233	Tune up
WCDMA	12.2kbps RMC	23.30	23.27	23.07	23.60
	12.2kbps AMR	23.26	23.24	22.99	23.60
HSDPA	Subtest 1	22.45	22.24	22.01	22.60
	Subtest 2	22.48	22.29	21.99	22.60
	Subtest 3	21.97	21.75	21.49	22.10
	Subtest 4	21.99	21.76	21.49	22.10
HSUPA	Subtest 1	22.59	22.31	22.27	22.80
	Subtest 2	20.27	20.34	20.14	20.80
	Subtest 3	21.32	21.27	21.14	21.80
	Subtest 4	20.32	20.24	20.19	20.80
	Subtest 5	22.33	22.26	22.24	22.80
DC-HSDPA	Subtest 1	22.54	22.21	21.96	22.60
	Subtest 2	22.44	22.24	21.93	22.60
	Subtest 3	22.00	21.68	21.50	22.10
	Subtest 4	21.94	21.69	21.49	22.10
HSPA+	16QAM	20.51	20.46	20.39	21.60

WCDMA Band V state8					
Average Conducted Power(dBm)					
Channel		4132	4182	4233	Tune up
WCDMA	12.2kbps RMC	21.37	21.29	21.10	21.60
	12.2kbps AMR	21.42	21.24	21.17	21.60
HSDPA	Subtest 1	20.40	20.47	20.16	20.60
	Subtest 2	20.42	20.43	20.18	20.60
	Subtest 3	19.90	19.95	19.68	20.10
	Subtest 4	19.89	19.90	19.68	20.10
HSUPA	Subtest 1	20.64	20.46	20.30	20.80
	Subtest 2	18.48	18.43	18.30	18.80
	Subtest 3	19.47	19.44	19.27	19.80
	Subtest 4	18.43	18.41	18.26	18.80
	Subtest 5	20.44	20.46	20.58	20.80
DC-HSDPA	Subtest 1	20.42	20.57	20.22	20.60
	Subtest 2	20.40	20.38	20.23	20.60
	Subtest 3	20.00	19.87	19.65	20.10
	Subtest 4	19.88	19.91	19.62	20.10
HSPA+	16QAM	18.62	18.61	18.51	19.60

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1.3 Conducted Power of LTE

LTE Band 5 state3				**Conducted Power(dBm)**			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20407	20525	20643	
1.4MHz	QPSK	1	0	22.81	22.73	22.86	23.50
		1	2	22.93	22.95	22.90	23.50
		1	5	22.75	22.73	22.48	23.50
		3	0	22.34	22.66	22.57	23.50
		3	2	22.50	22.74	22.69	23.50
		3	3	22.54	22.43	22.41	23.50
		6	0	22.51	22.61	22.54	23.00
	16QAM	1	0	22.55	22.69	22.40	23.00
		1	2	22.77	22.64	22.38	23.00
		1	5	22.58	22.93	22.75	23.00
		3	0	22.36	22.44	22.36	23.00
		3	2	22.39	22.43	22.55	23.00
		3	3	22.58	22.48	22.24	23.00
		6	0	21.30	21.51	21.13	22.00
	64QAM	1	0	21.05	21.05	21.06	22.00
		1	2	21.13	21.23	21.20	22.00
		1	5	20.84	20.98	21.01	22.00
		3	0	20.87	20.74	20.72	22.00
		3	2	20.76	21.00	20.81	22.00
		3	3	20.81	20.77	20.91	22.00
		6	0	19.83	19.81	19.94	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20415	20525	20635	
3MHz	QPSK	1	0	22.53	22.72	22.87	23.50
		1	7	22.69	22.59	22.72	23.50
		1	14	22.84	22.52	22.38	23.50
		8	0	22.24	22.64	22.48	23.00
		8	4	22.41	22.58	22.42	23.00
		8	7	22.27	22.38	22.27	23.00
		15	0	22.47	22.51	22.42	23.00
	16QAM	1	0	22.74	22.87	22.55	23.00
		1	7	22.63	22.81	22.34	23.00
		1	14	22.47	22.80	22.67	23.00
		8	0	21.46	21.52	21.29	22.00
		8	4	21.43	21.48	21.44	22.00
		8	7	21.40	21.46	21.38	22.00
		15	0	21.43	21.59	21.14	22.00

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	64QAM	1	0	21.18	21.22	20.98	22.00
		1	7	21.23	21.34	21.27	22.00
		1	14	20.82	20.95	21.14	22.00
		8	0	20.02	19.83	19.86	21.00
		8	4	19.84	19.87	19.97	21.00
		8	7	19.74	19.81	19.87	21.00
		15	0	19.89	19.76	19.92	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20425	20525	20625	
5MHz	QPSK	1	0	22.61	22.68	22.75	23.50
		1	13	22.87	22.92	22.95	23.50
		1	24	22.82	22.48	22.58	23.50
		12	0	22.43	22.68	22.60	23.00
		12	6	22.33	22.48	22.40	23.00
		12	13	22.36	22.42	22.30	23.00
		25	0	22.59	22.45	22.50	23.00
	16QAM	1	0	22.57	22.72	22.50	23.00
		1	13	22.74	22.64	22.21	23.00
		1	24	22.55	22.86	22.65	23.00
		12	0	21.43	21.48	21.51	22.00
		12	6	21.37	21.54	21.60	22.00
		12	13	21.55	21.44	21.28	22.00
		25	0	21.21	21.62	21.13	22.00
	64QAM	1	0	21.21	21.26	21.10	22.00
		1	13	21.07	21.15	21.09	22.00
		1	24	21.00	20.97	21.09	22.00
		12	0	19.84	19.84	19.84	21.00
		12	6	19.98	19.88	19.77	21.00
		12	13	19.81	19.69	19.91	21.00
		25	0	19.74	19.91	19.80	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20450	20525	20600	
10MHz	QPSK	1	0	22.68	22.83	22.91	23.50
		1	25	22.87	23.16	22.91	23.50
		1	49	22.79	22.68	22.55	23.50
		25	0	22.40	22.64	22.60	23.00
		25	13	22.43	22.68	22.54	23.00
		25	25	22.47	22.52	22.32	23.00
		50	0	22.55	22.65	22.57	23.00
	16QAM	1	0	22.73	22.88	22.59	23.00
		1	25	22.82	22.83	22.33	23.00
		1	49	22.64	22.91	22.79	23.00
		25	0	21.47	21.54	21.48	22.00

		25	13	21.49	21.54	21.62	22.00
		25	25	21.56	21.58	21.34	22.00
		50	0	21.41	21.65	21.15	22.00
	64QAM	1	0	21.16	21.22	21.18	22.00
		1	25	21.25	21.30	21.23	22.00
		1	49	21.02	21.02	21.12	22.00
		25	0	19.99	19.94	19.85	21.00
		25	13	19.94	19.97	19.95	21.00
		25	25	19.91	19.88	19.96	21.00
		50	0	19.87	19.96	20.00	21.00

LTE Band 5 state5				**Conducted Power(dBm)**			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20407	20525	20643	
1.4MHz	QPSK	1	0	23.46	23.58	23.46	24.00
		1	2	23.73	22.69	23.65	24.00
		1	5	23.72	23.50	23.57	24.00
		3	0	22.52	22.78	22.80	24.00
		3	2	22.72	22.84	22.68	24.00
		3	3	22.77	22.71	22.71	24.00
		6	0	22.67	22.55	22.79	23.00
	16QAM	1	0	22.87	22.71	22.73	23.00
		1	2	22.81	22.96	22.90	23.00
		1	5	22.93	22.74	22.58	23.00
		3	0	22.50	22.79	22.69	23.00
		3	2	22.74	22.73	22.60	23.00
		3	3	22.58	22.54	22.60	23.00
		6	0	21.59	21.73	21.68	22.00
	64QAM	1	0	21.15	20.97	20.92	22.00
		1	2	21.02	21.18	21.41	22.00
		1	5	20.81	21.01	21.01	22.00
		3	0	21.02	20.86	20.83	22.00
		3	2	20.94	20.92	20.83	22.00
		3	3	20.92	20.65	20.73	22.00
		6	0	19.97	19.89	20.13	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20415	20525	20635	
3MHz	QPSK	1	0	23.32	23.47	23.43	24.00
		1	7	23.58	22.82	23.49	24.00
		1	14	23.56	23.54	23.38	24.00
		8	0	22.52	22.77	22.81	23.00
		8	4	22.59	22.64	22.75	23.00

		8	7	22.74	22.72	22.63	23.00
		15	0	22.59	22.58	22.57	23.00
	16QAM	1	0	22.83	22.83	22.83	23.00
		1	7	22.89	22.79	22.98	23.00
		1	14	22.75	22.72	22.53	23.00
		8	0	21.45	21.59	21.82	22.00
		8	4	21.65	21.74	21.65	22.00
		8	7	21.72	21.54	21.43	22.00
		15	0	21.58	21.67	21.52	22.00
	64QAM	1	0	21.35	21.12	21.06	22.00
		1	7	21.15	21.00	21.20	22.00
		1	14	20.78	21.15	21.03	22.00
		8	0	20.05	19.84	19.65	21.00
		8	4	19.84	19.88	19.59	21.00
		8	7	19.81	19.77	19.49	21.00
		15	0	19.92	19.91	19.97	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20425	20525	20625	
5MHz	QPSK	1	0	23.25	23.58	23.42	24.00
		1	13	23.57	23.65	23.62	24.00
		1	24	23.60	23.69	23.49	24.00
		12	0	22.54	22.74	22.76	23.00
		12	6	22.54	22.85	22.59	23.00
		12	13	22.73	22.49	22.66	23.00
		25	0	22.67	22.69	22.70	23.00
	16QAM	1	0	22.85	22.59	22.96	23.00
		1	13	22.99	22.98	23.00	23.00
		1	24	22.95	22.91	22.70	23.00
		12	0	21.37	21.79	21.70	22.00
		12	6	21.60	21.64	21.51	22.00
		12	13	21.68	21.70	21.52	22.00
		25	0	21.76	21.73	21.75	22.00
	64QAM	1	0	21.24	21.21	20.87	22.00
		1	13	20.96	21.17	21.42	22.00
		1	24	20.85	21.05	20.86	22.00
		12	0	20.00	19.74	19.84	21.00
		12	6	19.77	19.86	19.68	21.00
		12	13	19.85	19.71	19.56	21.00
		25	0	20.02	19.79	19.98	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20450	20525	20600	
10MHz	QPSK	1	0	23.45	23.56	23.58	24.00
		1	25	23.70	23.91	23.61	24.00

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		1	49	23.73	23.67	23.55	24.00
		25	0	22.58	22.80	22.79	23.00
		25	13	22.67	22.84	22.73	23.00
		25	25	22.76	22.68	22.61	23.00
		50	0	22.64	22.71	22.77	23.00
	16QAM	1	0	22.88	22.79	22.91	23.00
		1	25	22.99	22.95	22.95	23.00
		1	49	22.94	22.92	22.68	23.00
		25	0	21.53	21.75	21.77	22.00
		25	13	21.71	21.76	21.68	22.00
		25	25	21.72	21.67	21.58	22.00
		50	0	21.72	21.70	21.72	22.00
	64QAM	1	0	21.34	21.17	21.06	22.00
		1	25	21.11	21.13	21.38	22.00
		1	49	20.88	21.17	21.01	22.00
		25	0	20.09	19.86	19.80	21.00
		25	13	19.96	20.05	19.78	21.00
		25	25	19.94	19.78	19.68	21.00
		50	0	20.00	19.90	20.10	21.00

LTE Band 5 state8				**Conducted Power(dBm)**			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20407	20525	20643	
1.4MHz	QPSK	1	0	21.32	21.40	21.48	22.00
		1	2	21.25	21.53	21.46	22.00
		1	5	21.23	21.51	21.23	22.00
		3	0	21.54	21.49	21.57	22.00
		3	2	21.51	21.70	21.50	22.00
		3	3	21.32	21.64	21.45	22.00
		6	0	21.26	21.39	21.32	22.00
	16QAM	1	0	21.45	21.54	21.61	22.00
		1	2	21.56	21.68	21.68	22.00
		1	5	21.73	21.59	21.53	22.00
		3	0	21.50	21.40	21.35	22.00
		3	2	21.33	21.57	21.32	22.00
		3	3	21.37	21.46	21.16	22.00
		6	0	21.46	21.53	21.37	22.00
	64QAM	1	0	21.76	21.69	21.74	22.00
		1	2	21.57	21.61	21.64	22.00
		1	5	21.57	21.71	21.39	22.00
		3	0	21.55	21.32	21.53	22.00

		3	2	21.51	21.73	21.60	22.00
		3	3	21.32	21.63	21.29	22.00
		6	0	20.63	20.58	20.44	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20415	20525	20635	
3MHz	QPSK	1	0	21.50	21.32	21.48	22.00
		1	7	21.32	21.56	21.46	22.00
		1	14	21.24	21.42	21.24	22.00
		8	0	21.43	21.43	21.24	22.00
		8	4	21.27	21.49	21.31	22.00
		8	7	21.43	21.61	21.27	22.00
		15	0	21.31	21.29	21.38	22.00
	16QAM	1	0	21.36	21.69	21.70	22.00
		1	7	21.68	21.84	21.82	22.00
		1	14	21.60	21.58	21.60	22.00
		8	0	21.44	21.40	21.52	22.00
		8	4	21.55	21.56	21.43	22.00
		8	7	21.48	21.62	21.38	22.00
		15	0	21.30	21.44	21.39	22.00
	64QAM	1	0	21.64	21.58	21.78	22.00
		1	7	21.47	21.78	21.58	22.00
		1	14	21.48	21.69	21.19	22.00
		8	0	20.58	20.36	20.59	21.00
		8	4	20.60	20.73	20.48	21.00
		8	7	20.50	20.50	20.46	21.00
		15	0	20.66	20.64	20.59	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20425	20525	20625	
5MHz	QPSK	1	0	21.49	21.47	21.45	22.00
		1	13	21.32	21.47	21.43	22.00
		1	24	21.33	21.40	21.08	22.00
		12	0	21.23	21.43	21.39	22.00
		12	6	21.31	21.61	21.47	22.00
		12	13	21.39	21.50	21.37	22.00
		25	0	21.21	21.47	21.50	22.00
	16QAM	1	0	21.50	21.77	21.69	22.00
		1	13	21.59	21.74	21.68	22.00
		1	24	21.64	21.69	21.40	22.00
		12	0	21.37	21.57	21.53	22.00
		12	6	21.57	21.69	21.42	22.00
		12	13	21.39	21.43	21.35	22.00
		25	0	21.41	21.49	21.45	22.00
	64QAM	1	0	21.78	21.56	21.67	22.00

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		1	13	21.44	21.85	21.79	22.00
		1	24	21.53	21.51	21.17	22.00
		12	0	20.41	20.52	20.44	21.00
		12	6	20.61	20.74	20.46	21.00
		12	13	20.50	20.62	20.41	21.00
		25	0	20.59	20.72	20.53	21.00

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20450	20525	20600	
10MHz	QPSK	1	0	21.46	21.50	21.48	22.00
		1	25	21.32	21.64	21.47	22.00
		1	49	21.40	21.49	21.26	22.00
		25	0	21.40	21.57	21.43	22.00
		25	13	21.44	21.60	21.46	22.00
		25	25	21.41	21.56	21.35	22.00
		50	0	21.38	21.49	21.47	22.00
	16QAM	1	0	21.46	21.73	21.75	22.00
		1	25	21.68	21.79	21.81	22.00
		1	49	21.74	21.65	21.58	22.00
		25	0	21.46	21.54	21.55	22.00
		25	13	21.52	21.66	21.52	22.00
		25	25	21.52	21.60	21.33	22.00
		50	0	21.47	21.56	21.47	22.00
	64QAM	1	0	21.74	21.69	21.79	22.00
		1	25	21.62	21.80	21.74	22.00
		1	49	21.65	21.68	21.37	22.00
		25	0	20.57	20.51	20.63	21.00
		25	13	20.68	20.70	20.62	21.00
		25	25	20.47	20.61	20.41	21.00
		50	0	20.61	20.69	20.60	21.00

LTE Band 5 state10				**Conducted Power(dBm)**			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20407	20525	20643	
1.4MHz	QPSK	1	0	22.24	22.40	22.58	23.00
		1	2	22.51	22.48	22.44	23.00
		1	5	22.27	22.58	22.16	23.00
		3	0	22.48	22.80	22.70	23.00
		3	2	22.65	22.52	22.48	23.00
		3	3	22.46	22.70	22.32	23.00
		6	0	22.44	22.54	22.62	23.00
	16QAM	1	0	22.78	22.81	22.76	23.00

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		1	2	22.79	22.83	22.86	23.00
		1	5	22.87	22.74	22.06	23.00
		3	0	21.45	21.48	21.50	23.00
		3	2	21.50	21.60	21.46	23.00
		3	3	21.61	21.72	21.59	23.00
		6	0	21.30	21.49	21.50	22.00
	64QAM	1	0	20.88	21.11	20.96	22.00
		1	2	21.07	21.16	21.07	22.00
		1	5	20.89	20.96	21.23	22.00
		3	0	20.98	21.06	21.10	22.00
		3	2	20.96	20.77	21.00	22.00
		3	3	20.68	21.12	20.87	22.00
		6	0	19.64	19.69	19.94	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20415	20525	20635	
3MHz	QPSK	1	0	22.31	22.48	22.48	23.00
		1	7	22.50	22.61	22.49	23.00
		1	14	22.33	22.45	22.21	23.00
		8	0	22.43	22.46	22.65	23.00
		8	4	22.62	22.40	22.57	23.00
		8	7	22.43	22.44	22.37	23.00
		15	0	22.45	22.58	22.63	23.00
	16QAM	1	0	22.55	22.78	22.81	23.00
		1	7	22.68	22.82	22.86	23.00
		1	14	22.84	22.79	22.06	23.00
		8	0	21.36	21.61	21.53	22.00
		8	4	21.41	21.66	21.56	22.00
		8	7	21.44	21.69	21.67	22.00
		15	0	21.51	21.60	21.55	22.00
	64QAM	1	0	20.84	21.20	20.88	22.00
		1	7	21.15	21.25	21.06	22.00
		1	14	20.80	21.00	21.01	22.00
		8	0	19.97	19.87	19.91	21.00
		8	4	19.93	19.85	19.96	21.00
		8	7	19.76	19.97	20.00	21.00
		15	0	19.71	19.80	19.82	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20425	20525	20625	
5MHz	QPSK	1	0	22.35	22.56	22.58	23.00
		1	13	22.29	22.45	22.42	23.00
		1	24	22.51	22.59	22.24	23.00
		12	0	22.23	22.51	22.62	23.00
		12	6	22.74	22.60	22.56	23.00

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		12	13	22.35	22.56	22.37	23.00
		25	0	22.33	22.59	22.40	23.00
	16QAM	1	0	22.61	22.83	22.94	23.00
		1	13	22.68	22.81	22.70	23.00
		1	24	22.76	22.73	22.03	23.00
		12	0	21.30	21.54	21.51	22.00
		12	6	21.34	21.47	21.41	22.00
		12	13	21.54	21.67	21.60	22.00
		25	0	21.29	21.48	21.61	22.00
	64QAM	1	0	20.84	21.11	20.89	22.00
		1	13	21.18	21.16	21.16	22.00
		1	24	20.78	21.00	21.26	22.00
		12	0	19.97	19.91	20.13	21.00
		12	6	19.91	19.71	20.00	21.00
		12	13	19.83	20.06	20.08	21.00
		25	0	19.58	19.67	19.83	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20450	20525	20600	
10MHz	QPSK	1	0	22.35	22.53	22.59	23.00
		1	25	22.46	22.64	22.49	23.00
		1	49	22.47	22.54	22.36	23.00
		25	0	22.43	22.65	22.67	23.00
		25	13	22.70	22.56	22.58	23.00
		25	25	22.48	22.63	22.40	23.00
		50	0	22.53	22.59	22.59	23.00
	16QAM	1	0	22.75	22.87	22.90	23.00
		1	25	22.88	22.97	22.87	23.00
		1	49	22.83	22.91	22.19	23.00
		25	0	21.42	21.64	21.60	22.00
		25	13	21.49	21.65	21.55	22.00
		25	25	21.57	21.69	21.70	22.00
		50	0	21.47	21.65	21.66	22.00
	64QAM	1	0	21.03	21.20	21.02	22.00
		1	25	21.16	21.26	21.20	22.00
		1	49	20.98	21.02	21.21	22.00
		25	0	20.02	20.04	20.11	21.00
		25	13	20.10	19.90	20.13	21.00
		25	25	19.85	20.07	20.06	21.00
		50	0	19.77	19.82	19.95	21.00

LTE FDD Band 12 state3/5/8/10	**Conducted Power(dBm)**

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				23017	23095	23173	
1.4MHz	QPSK	1	0	23.74	23.74	23.81	24.50
		1	2	23.74	23.74	23.72	24.50
		1	5	23.75	23.80	23.79	24.50
		3	0	23.80	23.93	23.85	24.50
		3	2	23.77	23.95	23.92	24.50
		3	3	23.93	23.97	23.86	24.50
		6	0	22.79	22.79	22.71	23.50
	16QAM	1	0	22.44	22.52	22.61	23.50
		1	2	22.30	22.35	22.35	23.50
		1	5	22.24	22.30	22.23	23.50
		3	0	22.61	22.36	22.56	23.50
		3	2	22.50	22.39	22.67	23.50
		3	3	22.65	22.52	22.42	23.50
		6	0	21.97	21.90	21.74	22.50
	64QAM	1	0	21.09	21.27	21.00	22.50
		1	2	21.14	21.41	21.23	22.50
		1	5	21.19	21.24	21.15	22.50
		3	0	21.19	21.10	21.19	22.50
		3	2	21.25	21.37	21.11	22.50
		3	3	21.28	21.19	21.05	22.50
		6	0	20.28	20.06	20.09	21.50

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				23025	23095	23165	
3MHz	QPSK	1	0	23.90	23.96	23.74	24.50
		1	7	23.93	23.69	23.78	24.50
		1	14	23.86	23.85	23.89	24.50
		8	0	22.88	22.94	22.90	23.50
		8	4	22.95	22.78	22.78	23.50
		8	7	22.86	22.80	22.81	23.50
		15	0	22.71	22.81	22.90	23.50
	16QAM	1	0	22.59	22.44	22.49	23.50
		1	7	22.20	22.41	22.33	23.50
		1	14	22.09	22.42	22.12	23.50
		8	0	21.76	21.70	21.85	22.50
		8	4	21.81	21.67	21.81	22.50
		8	7	21.95	21.86	21.76	22.50
		15	0	21.84	21.93	21.87	22.50
	64QAM	1	0	21.05	21.14	21.09	22.50
		1	7	21.14	21.30	21.25	22.50
		1	14	21.38	21.27	21.17	22.50
		8	0	20.10	20.23	20.05	21.50

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		8	4	20.06	20.30	20.30	21.50
		8	7	20.35	20.12	20.28	21.50
		15	0	20.24	20.22	20.18	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				23035	23095	23155	
5MHz	QPSK	1	0	23.92	23.79	23.84	24.50
		1	13	23.95	23.74	23.67	24.50
		1	24	23.68	23.82	23.75	24.50
		12	0	22.82	23.00	22.74	23.50
		12	6	22.78	22.82	22.90	23.50
		12	13	22.89	22.74	22.81	23.50
		25	0	22.90	22.86	22.74	23.50
	16QAM	1	0	22.63	22.52	22.41	23.50
		1	13	22.23	22.27	22.42	23.50
		1	24	22.12	22.31	22.24	23.50
		12	0	21.77	21.76	21.76	22.50
		12	6	21.95	21.70	21.92	22.50
		12	13	21.83	21.86	21.89	22.50
		25	0	21.92	21.88	21.67	22.50
	64QAM	1	0	21.03	21.10	21.03	22.50
		1	13	21.22	21.22	21.36	22.50
		1	24	21.39	21.31	21.06	22.50
		12	0	19.96	20.18	20.08	21.50
		12	6	20.10	20.24	20.33	21.50
		12	13	20.15	20.15	20.04	21.50
		25	0	20.25	20.27	20.24	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				23060	23095	23130	
10MHz	QPSK	1	0	23.89	23.93	23.81	24.50
		1	25	23.90	23.89	23.84	24.50
		1	49	23.86	23.90	23.91	24.50
		25	0	22.93	22.95	22.92	23.50
		25	13	22.91	22.92	22.90	23.50
		25	25	22.92	22.92	22.94	23.50
		50	0	22.89	22.90	22.91	23.50
	16QAM	1	0	22.58	22.57	22.61	23.50
		1	25	22.38	22.46	22.46	23.50
		1	49	22.28	22.37	22.28	23.50
		25	0	21.87	21.86	21.93	22.50
		25	13	21.95	21.79	21.96	22.50
		25	25	21.99	21.96	21.88	22.50
		50	0	21.98	21.92	21.87	22.50
	64QAM	1	0	21.18	21.26	21.18	22.50

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		1	25	21.28	21.36	21.38	22.50
		1	49	21.37	21.30	21.24	22.50
		25	0	20.14	20.23	20.20	21.50
		25	13	20.25	20.32	20.28	21.50
		25	25	20.31	20.21	20.23	21.50
		50	0	20.26	20.25	20.25	21.50

LTE FDD Band 13 state3/5/10				**Conducted Power(dBm)**			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				23205	23230	23255	
5MHz	QPSK	1	0	23.79	23.55	23.55	24.00
		1	13	23.58	23.58	23.64	24.00
		1	24	23.43	23.40	23.28	24.00
		12	0	22.54	22.75	22.63	23.00
		12	6	22.72	22.53	22.64	23.00
		12	13	22.63	22.58	22.67	23.00
		25	0	22.57	22.46	22.65	23.00
	16QAM	1	0	22.95	22.89	22.83	23.00
		1	13	22.19	22.25	22.16	23.00
		1	24	22.74	22.86	22.80	23.00
		12	0	21.38	21.37	21.48	22.00
		12	6	21.51	21.51	21.59	22.00
		12	13	21.67	21.52	21.54	22.00
		25	0	21.71	21.67	21.64	22.00
	64QAM	1	0	21.02	21.14	21.19	22.00
		1	13	21.19	21.18	21.13	22.00
		1	24	21.02	20.94	21.07	22.00
		12	0	19.94	19.89	20.00	21.00
		12	6	19.87	19.83	19.95	21.00
		12	13	19.85	20.02	19.86	21.00
		25	0	19.91	19.77	19.93	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	23230	/	
10MHz	QPSK	1	0	/	23.75	/	24.00
		1	25	/	23.66	/	24.00
		1	49	/	23.48	/	24.00
		25	0	/	22.71	/	23.00
		25	13	/	22.67	/	23.00
		25	25	/	22.66	/	23.00
		50	0	/	22.65	/	23.00
	16QAM	1	0	/	22.95	/	23.00

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		1	25	/	22.32	/	23.00
		1	49	/	22.88	/	23.00
		25	0	/	21.47	/	22.00
		25	13	/	21.67	/	22.00
		25	25	/	21.70	/	22.00
		50	0	/	21.69	/	22.00
	64QAM	1	0	/	21.16	/	22.00
		1	25	/	21.29	/	22.00
		1	49	/	21.05	/	22.00
		25	0	/	20.09	/	21.00
		25	13	/	20.03	/	21.00
		25	25	/	19.98	/	21.00
		50	0	/	19.92	/	21.00

LTE FDD Band 13 state8				**Conducted Power(dBm)**			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				23205	23230	23255	
5MHz	QPSK	1	0	22.46	22.39	22.45	22.50
		1	13	22.37	22.37	22.36	22.50
		1	24	22.17	22.10	22.17	22.50
		12	0	22.42	22.42	22.38	22.50
		12	6	22.35	22.29	22.32	22.50
		12	13	22.18	22.17	22.22	22.50
		25	0	22.14	22.29	22.30	22.50
	16QAM	1	0	22.09	22.21	22.20	22.50
		1	13	22.03	22.05	22.21	22.50
		1	24	22.36	22.39	22.29	22.50
		12	0	21.81	21.83	21.83	22.00
		12	6	21.73	21.83	21.81	22.00
		12	13	21.85	21.70	21.86	22.00
		25	0	21.77	21.68	21.67	22.00
	64QAM	1	0	21.73	21.85	21.68	22.00
		1	13	22.00	21.87	21.98	22.00
		1	24	21.30	21.41	21.29	22.00
		12	0	20.71	20.78	20.82	21.00
		12	6	20.80	20.70	20.85	21.00
		12	13	20.74	20.60	20.58	21.00
		25	0	20.72	20.80	20.81	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	23230	/	
10MHz	QPSK	1	0	/	22.40	/	22.50

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		1	25	/	22.39	/	22.50
		1	49	/	22.16	/	22.50
		25	0	/	22.32	/	22.50
		25	13	/	22.31	/	22.50
		25	25	/	22.26	/	22.50
		50	0	/	22.21	/	22.50
	16QAM	1	0	/	22.19	/	22.50
		1	25	/	22.13	/	22.50
		1	49	/	22.31	/	22.50
		25	0	/	21.73	/	22.00
		25	13	/	21.76	/	22.00
		25	25	/	21.79	/	22.00
		50	0	/	21.73	/	22.00
	64QAM	1	0	/	21.78	/	22.00
		1	25	/	21.91	/	22.00
		1	49	/	21.35	/	22.00
		25	0	/	20.79	/	21.00
		25	13	/	20.76	/	21.00
		25	25	/	20.64	/	21.00
		50	0	/	20.72	/	21.00

LTE FDD Band 17 state3/5/8/10				**Conducted Power(dBm)**			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				23755	23790	23825	
5MHz	QPSK	1	0	23.75	23.64	23.50	24.50
		1	13	23.83	23.87	23.69	24.50
		1	24	23.89	23.66	23.68	24.50
		12	0	22.88	22.82	22.71	23.50
		12	6	22.74	22.84	22.67	23.50
		12	13	22.74	22.72	22.77	23.50
		25	0	22.87	22.92	22.68	23.50
	16QAM	1	0	22.37	22.31	22.38	23.50
		1	13	22.64	22.37	22.58	23.50
		1	24	22.34	22.42	22.45	23.50
		12	0	21.60	21.74	21.86	22.50
		12	6	21.90	21.80	21.60	22.50
		12	13	21.77	21.97	21.89	22.50
		25	0	21.78	21.93	21.75	22.50
	64QAM	1	0	21.34	21.39	21.30	22.50
		1	13	21.31	21.19	21.43	22.50
		1	24	21.27	21.32	21.20	22.50

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		12	0	20.09	20.12	20.08	21.50
		12	6	20.28	20.07	20.17	21.50
		12	13	20.30	19.98	20.14	21.50
		25	0	20.11	20.19	20.15	21.50

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				23780	23790	23800	
10MHz	QPSK	1	0	23.93	23.80	23.68	24.50
		1	25	23.83	23.99	23.82	24.50
		1	49	23.97	23.77	23.84	24.50
		25	0	22.89	22.88	22.89	23.50
		25	13	22.93	22.95	22.87	23.50
		25	25	22.88	22.88	22.82	23.50
		50	0	22.91	22.98	22.87	23.50
	16QAM	1	0	22.51	22.45	22.48	23.50
		1	25	22.67	22.56	22.57	23.50
		1	49	22.41	22.38	22.51	23.50
		25	0	21.78	21.81	21.92	22.50
		25	13	21.97	21.95	21.79	22.50
		25	25	21.93	21.93	21.92	22.50
		50	0	21.93	21.98	21.82	22.50
	64QAM	1	0	21.30	21.35	21.35	22.50
		1	25	21.42	21.36	21.49	22.50
		1	49	21.24	21.39	21.40	22.50
		25	0	20.08	20.13	20.03	21.50
		25	13	20.31	20.17	20.06	21.50
		25	25	20.29	20.16	20.26	21.50
		50	0	20.17	20.18	20.27	21.50

LTE Band 26 state3/5				**Conducted Power(dBm)**			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26697	26865	27033	
1.4MHz	QPSK	1	0	23.29	23.57	23.73	24.00
		1	2	23.29	23.66	23.56	24.00
		1	5	23.12	23.40	23.37	24.00
		3	0	23.48	23.50	23.53	24.00
		3	2	23.45	23.59	23.55	24.00
		3	3	23.46	23.49	23.44	24.00
		6	0	22.49	22.41	22.44	23.00
	16QAM	1	0	22.79	22.69	22.77	23.00
		1	2	22.84	22.66	22.45	23.00
		1	5	22.35	22.52	22.40	23.00

		3	0	22.40	22.46	22.50	23.00
		3	2	22.48	22.42	22.48	23.00
		3	3	22.40	22.53	22.45	23.00
		6	0	21.51	21.42	21.44	22.00
	64QAM	1	0	20.93	20.81	20.93	22.00
		1	2	21.38	21.11	21.44	22.00
		1	5	21.04	20.99	20.87	22.00
		3	0	21.00	20.83	21.13	22.00
		3	2	20.71	20.89	20.72	22.00
		3	3	20.96	20.84	20.88	22.00
		6	0	20.00	19.80	19.73	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26705	26865	27025	
3MHz	QPSK	1	0	23.26	23.57	23.73	24.00
		1	7	23.25	23.68	23.59	24.00
		1	14	23.27	23.42	23.33	24.00
		8	0	22.34	22.51	22.52	23.00
		8	4	22.47	22.46	22.56	23.00
		8	7	22.23	22.40	22.40	23.00
		15	0	22.46	22.55	22.37	23.00
	16QAM	1	0	22.64	22.84	22.57	23.00
		1	7	22.72	22.63	22.29	23.00
		1	14	22.36	22.54	22.45	23.00
		8	0	21.34	21.45	21.47	22.00
		8	4	21.48	21.29	21.55	22.00
		8	7	21.40	21.42	21.57	22.00
		15	0	21.57	21.51	21.53	22.00
	64QAM	1	0	20.83	20.81	20.95	22.00
		1	7	21.47	21.12	21.32	22.00
		1	14	21.05	21.02	20.88	22.00
		8	0	20.03	19.80	20.04	21.00
		8	4	19.85	19.91	19.77	21.00
		8	7	20.03	19.96	19.76	21.00
		15	0	19.88	19.91	19.76	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26715	26865	27015	
5MHz	QPSK	1	0	23.38	23.67	23.65	24.00
		1	13	23.38	23.68	23.70	24.00
		1	24	23.23	23.43	23.33	24.00
		12	0	22.40	22.56	22.47	23.00
		12	6	22.41	22.45	22.44	23.00
		12	13	22.29	22.39	22.40	23.00
		25	0	22.48	22.52	22.52	23.00

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	16QAM	1	0	22.65	22.81	22.68	23.00
		1	13	22.74	22.71	22.47	23.00
		1	24	22.45	22.50	22.55	23.00
		12	0	21.22	21.35	21.49	22.00
		12	6	21.47	21.35	21.45	22.00
		12	13	21.47	21.54	21.55	22.00
		25	0	21.63	21.57	21.41	22.00
	64QAM	1	0	20.88	20.81	20.92	22.00
		1	13	21.38	21.11	21.26	22.00
		1	24	20.92	20.87	20.86	22.00
		12	0	19.97	19.83	20.15	21.00
		12	6	19.77	19.82	19.80	21.00
		12	13	19.91	19.81	19.83	21.00
		25	0	20.00	19.87	19.65	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26740	26865	26990	
10MHz	QPSK	1	0	23.24	23.61	23.66	24.00
		1	25	23.42	23.66	23.67	24.00
		1	49	23.16	23.44	23.43	24.00
		25	0	22.35	22.43	22.44	23.00
		25	13	22.40	22.40	22.56	23.00
		25	25	22.39	22.55	22.48	23.00
		50	0	22.53	22.45	22.36	23.00
	16QAM	1	0	22.74	22.76	22.67	23.00
		1	25	22.75	22.80	22.40	23.00
		1	49	22.52	22.61	22.37	23.00
		25	0	21.30	21.32	21.47	22.00
		25	13	21.36	21.38	21.55	22.00
		25	25	21.50	21.45	21.52	22.00
		50	0	21.49	21.49	21.55	22.00
	64QAM	1	0	20.83	20.67	20.98	22.00
		1	25	21.42	21.11	21.37	22.00
		1	49	20.87	20.90	20.73	22.00
		25	0	20.07	19.80	20.18	21.00
		25	13	19.70	19.75	19.83	21.00
		25	25	19.98	19.93	19.76	21.00
		50	0	19.97	19.77	19.76	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26765	26865	26965	
15MHz	QPSK	1	0	23.37	23.62	23.70	24.00
		1	38	23.39	23.76	23.70	24.00
		1	74	23.24	23.46	23.38	24.00
		36	0	22.44	22.56	22.50	23.00

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		36	18	22.53	22.54	22.53	23.00
		36	39	22.34	22.53	22.52	23.00
		75	0	22.52	22.56	22.47	23.00
	16QAM	1	0	22.75	22.80	22.72	23.00
		1	38	22.81	22.78	22.42	23.00
		1	74	22.48	22.61	22.52	23.00
		36	0	21.31	21.43	21.48	22.00
		36	18	21.51	21.44	21.51	22.00
		36	39	21.50	21.51	21.54	22.00
		75	0	21.60	21.55	21.50	22.00
	64QAM	1	0	20.97	20.82	21.07	22.00
		1	38	21.51	21.17	21.41	22.00
		1	74	21.00	20.98	20.83	22.00
		36	0	20.06	19.89	20.14	21.00
		36	18	19.85	19.88	19.83	21.00
		36	39	20.04	19.92	19.86	21.00
		75	0	19.96	19.90	19.79	21.00

LTE Band 26 state8				**Conducted Power(dBm)**			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26697	26865	27033	
1.4MHz	QPSK	1	0	21.95	21.81	21.99	22.50
		1	2	21.75	22.26	22.10	22.50
		1	5	21.75	21.83	21.77	22.50
		3	0	22.02	22.02	22.13	22.50
		3	2	22.04	22.04	22.11	22.50
		3	3	21.98	22.00	21.98	22.50
		6	0	22.05	22.09	22.14	22.50
	16QAM	1	0	22.17	21.92	22.13	22.50
		1	2	21.93	22.21	21.99	22.50
		1	5	22.03	21.98	21.90	22.50
		3	0	21.84	21.86	21.90	22.50
		3	2	21.91	21.68	21.81	22.50
		3	3	21.65	21.90	21.73	22.50
		6	0	21.56	21.65	21.44	22.00
	64QAM	1	0	20.84	20.84	20.99	22.00
		1	2	21.39	21.35	21.37	22.00
		1	5	20.72	20.84	20.77	22.00
		3	0	20.86	20.91	21.15	22.00
		3	2	20.86	20.62	20.85	22.00
		3	3	21.15	20.95	21.04	22.00

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		6	0	20.10	19.90	19.84	21.00
Bandwidth	Modulation	RB size	RB offset	Channel 26705	Channel 26865	Channel 27025	Tune up
3MHz	QPSK	1	0	22.26	21.91	21.89	22.50
		1	7	21.74	22.19	22.15	22.50
		1	14	21.88	21.85	21.68	22.50
		8	0	22.01	22.01	22.11	22.50
		8	4	21.96	22.03	22.12	22.50
		8	7	21.97	21.96	21.87	22.50
		15	0	21.97	21.96	22.15	22.50
	16QAM	1	0	22.11	21.90	22.18	22.50
		1	7	21.99	22.25	21.90	22.50
		1	14	21.87	21.98	21.86	22.50
		8	0	21.53	21.64	21.57	22.00
		8	4	21.49	21.44	21.61	22.00
		8	7	21.50	21.65	21.41	22.00
		15	0	21.43	21.57	21.46	22.00
	64QAM	1	0	20.91	20.92	20.92	22.00
		1	7	21.39	21.37	21.37	22.00
		1	14	20.74	20.99	20.80	22.00
		8	0	20.01	19.96	20.07	21.00
		8	4	19.81	19.74	19.82	21.00
		8	7	20.07	19.81	20.06	21.00
		15	0	19.92	19.85	19.80	21.00
Bandwidth	Modulation	RB size	RB offset	Channel 26715	Channel 26865	Channel 27015	Tune up
5MHz	QPSK	1	0	22.05	21.81	21.81	22.50
		1	13	21.94	22.24	22.20	22.50
		1	24	21.95	21.73	21.61	22.50
		12	0	21.97	22.04	22.07	22.50
		12	6	21.97	22.06	22.10	22.50
		12	13	22.05	21.95	21.98	22.50
		25	0	22.02	22.14	22.05	22.50
	16QAM	1	0	22.27	21.98	22.26	22.50
		1	13	21.96	22.15	21.94	22.50
		1	24	22.02	22.16	21.93	22.50
		12	0	21.47	21.67	21.61	22.00
		12	6	21.57	21.48	21.57	22.00
		12	13	21.35	21.64	21.40	22.00
		25	0	21.45	21.59	21.55	22.00
	64QAM	1	0	20.91	20.93	20.96	22.00
		1	13	21.30	21.22	21.42	22.00
		1	24	20.85	20.91	20.78	22.00

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		12	0	19.98	20.01	20.14	21.00
		12	6	19.81	19.69	19.93	21.00
		12	13	20.02	19.97	20.04	21.00
		25	0	19.94	19.94	19.79	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26740	26865	26990	
10MHz	QPSK	1	0	22.08	21.92	21.99	22.50
		1	25	21.80	22.06	22.09	22.50
		1	49	21.80	21.74	21.66	22.50
		25	0	22.14	22.15	22.05	22.50
		25	13	22.09	22.11	22.06	22.50
		25	25	22.03	21.97	21.93	22.50
		50	0	22.14	21.97	22.09	22.50
	16QAM	1	0	22.17	21.87	22.26	22.50
		1	25	21.98	22.22	21.91	22.50
		1	49	22.03	22.00	22.01	22.50
		25	0	21.56	21.60	21.53	22.00
		25	13	21.57	21.49	21.66	22.00
		25	25	21.39	21.54	21.52	22.00
		50	0	21.42	21.52	21.56	22.00
	64QAM	1	0	20.81	21.01	20.99	22.00
		1	25	21.41	21.38	21.38	22.00
		1	49	20.82	20.88	20.71	22.00
		25	0	19.91	20.02	20.00	21.00
		25	13	19.76	19.80	19.93	21.00
		25	25	20.12	19.92	20.07	21.00
		50	0	19.95	19.87	19.89	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26765	26865	26965	
15MHz	QPSK	1	0	22.05	21.89	21.95	22.50
		1	38	21.89	22.21	22.19	22.50
		1	74	21.90	21.86	21.75	22.50
		36	0	22.09	22.16	22.10	22.50
		36	18	22.06	22.09	22.10	22.50
		36	39	22.06	22.04	21.99	22.50
		75	0	22.11	22.11	22.20	22.50
	16QAM	1	0	22.13	22.01	22.27	22.50
		1	38	22.00	22.38	22.05	22.50
		1	74	22.01	22.13	22.01	22.50
		36	0	21.51	21.63	21.63	22.00
		36	18	21.64	21.49	21.64	22.00
		36	39	21.50	21.67	21.53	22.00
		75	0	21.56	21.62	21.57	22.00

	64QAM	1	0	20.87	20.98	21.03	22.00
		1	38	21.44	21.35	21.42	22.00
		1	74	20.83	20.95	20.82	22.00
		36	0	19.97	20.02	20.10	21.00
		36	18	19.90	19.77	19.92	21.00
		36	39	20.11	19.93	20.06	21.00
		75	0	20.05	19.98	19.85	21.00

LTE Band 26 state10				**Conducted Power(dBm)**			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26697	26865	27033	
1.4MHz	QPSK	1	0	22.70	22.56	22.35	23.50
		1	2	22.83	22.83	22.86	23.50
		1	5	22.64	22.77	22.89	23.50
		3	0	22.78	22.83	22.89	23.50
		3	2	22.79	22.65	22.78	23.50
		3	3	22.72	22.63	22.80	23.50
		6	0	22.58	22.51	22.75	23.00
	16QAM	1	0	22.32	22.50	22.65	23.00
		1	2	22.93	22.64	22.56	23.00
		1	5	22.91	22.50	22.46	23.00
		3	0	22.43	22.45	22.46	23.00
		3	2	22.51	22.67	22.50	23.00
		3	3	22.46	22.51	22.43	23.00
		6	0	21.48	21.55	21.58	22.00
	64QAM	1	0	20.70	20.86	20.80	22.00
		1	2	21.50	21.19	21.31	22.00
		1	5	20.71	20.74	21.01	22.00
		3	0	20.76	21.00	20.99	22.00
		3	2	21.01	20.90	20.78	22.00
		3	3	20.98	20.71	20.80	22.00
		6	0	19.90	19.89	19.83	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26705	26865	27025	
3MHz	QPSK	1	0	22.58	22.39	22.47	23.50
		1	7	22.79	22.85	22.81	23.50
		1	14	22.81	22.71	23.11	23.50
		8	0	22.38	22.60	22.51	23.00
		8	4	22.43	22.40	22.58	23.00
		8	7	22.44	22.60	22.53	23.00
		15	0	22.47	22.61	22.54	23.00

	16QAM	1	0	22.37	22.53	22.89	23.00
		1	7	22.70	22.55	22.64	23.00
		1	14	22.78	22.55	22.43	23.00
		8	0	21.45	21.41	21.34	22.00
		8	4	21.46	21.54	21.65	22.00
		8	7	21.38	21.71	21.64	22.00
		15	0	21.65	21.45	21.55	22.00
	64QAM	1	0	20.78	20.90	20.64	22.00
		1	7	21.43	21.12	21.24	22.00
		1	14	20.74	20.76	21.07	22.00
		8	0	20.00	19.81	19.93	21.00
		8	4	19.96	19.75	19.82	21.00
		8	7	19.96	19.78	19.94	21.00
		15	0	19.81	19.83	19.90	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26715	26865	27015	
5MHz	QPSK	1	0	22.74	22.30	22.50	23.50
		1	13	22.82	22.87	22.87	23.50
		1	24	22.86	22.64	23.04	23.50
		12	0	22.44	22.62	22.50	23.00
		12	6	22.64	22.38	22.55	23.00
		12	13	22.55	22.50	22.42	23.00
		25	0	22.59	22.66	22.75	23.00
	16QAM	1	0	22.48	22.44	22.75	23.00
		1	13	22.72	22.46	22.60	23.00
		1	24	22.88	22.63	22.46	23.00
		12	0	21.35	21.35	21.49	22.00
		12	6	21.37	21.67	21.66	22.00
		12	13	21.53	21.71	21.52	22.00
		25	0	21.61	21.53	21.48	22.00
	64QAM	1	0	20.78	20.78	20.85	22.00
		1	13	21.48	20.98	21.21	22.00
		1	24	20.83	20.80	20.95	22.00
		12	0	19.96	19.92	19.94	21.00
		12	6	19.99	19.90	19.77	21.00
		12	13	19.90	19.79	19.93	21.00
		25	0	19.72	19.95	19.76	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26740	26865	26990	
10MHz	QPSK	1	0	22.63	22.86	22.33	23.50
		1	25	22.72	22.85	22.79	23.50
		1	49	22.78	22.79	22.69	23.50
		25	0	22.37	22.64	22.52	23.00

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		25	13	22.53	22.37	22.69	23.00
		25	25	22.52	22.55	22.56	23.00
		50	0	22.66	22.66	22.63	23.00
	16QAM	1	0	22.30	22.35	22.83	23.00
		1	25	22.76	22.64	22.73	23.00
		1	49	22.75	22.62	22.41	23.00
		25	0	21.30	21.54	21.28	22.00
		25	13	21.57	21.52	21.47	22.00
		25	25	21.51	21.50	21.47	22.00
		50	0	21.49	21.52	21.68	22.00
	64QAM	1	0	20.67	20.86	20.72	22.00
		1	25	21.38	20.97	21.23	22.00
		1	49	20.79	20.74	21.17	22.00
		25	0	19.81	19.93	20.17	21.00
		25	13	19.95	19.88	19.89	21.00
		25	25	20.09	19.64	19.86	21.00
		50	0	19.71	19.77	19.84	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26765	26865	26965	
15MHz	QPSK	1	0	22.77	22.89	22.53	23.50
		1	38	22.90	23.03	22.87	23.50
		1	74	22.82	22.75	23.07	23.50
		36	0	22.54	22.69	22.61	23.00
		36	18	22.62	22.49	22.67	23.00
		36	39	22.61	22.61	22.52	23.00
		75	0	22.62	22.66	22.71	23.00
	16QAM	1	0	22.49	22.52	22.84	23.00
		1	38	22.90	22.59	22.71	23.00
		1	74	22.88	22.62	22.61	23.00
		36	0	21.47	21.53	21.47	22.00
		36	18	21.54	21.64	21.62	22.00
		36	39	21.56	21.70	21.60	22.00
		75	0	21.60	21.57	21.66	22.00
	64QAM	1	0	20.79	20.90	20.82	22.00
		1	38	21.50	21.15	21.26	22.00
		1	74	20.90	20.78	21.15	22.00
		36	0	19.95	19.99	20.12	21.00
		36	18	19.97	19.91	19.95	21.00
		36	39	20.05	19.76	19.96	21.00
		75	0	19.90	19.90	19.86	21.00

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2 Conducted Power of Main Antenna (Ant1)

2.1 Conducted Power of GSM

GSM 850 state3/5										
Burst Output Power(dBm)						Division Factors	Frame-Average Output Power(dBm)			
Channel		128	190	251	Tune up		128	190	251	Tune up
GSM(GMSK)	GSM	32.35	32.40	32.55	33.00	-9.19	23.16	23.21	23.36	23.81
GPRS (GMSK)	1 TX Slot	32.34	32.33	32.58	33.00	-9.19	23.15	23.14	23.39	23.81
	2 TX Slots	29.30	29.24	29.43	30.50	-6.18	23.12	23.06	23.25	24.32
	3 TX Slots	27.53	27.43	27.43	29.00	-4.42	23.11	23.01	23.01	24.58
	4 TX Slots	26.23	26.23	26.54	28.00	-3.17	23.06	23.06	23.37	24.83
EGPRS (GMSK)	1 TX Slot	32.36	32.38	32.57	33.00	-9.19	23.17	23.19	23.38	23.81
	2 TX Slots	29.38	29.26	29.45	30.50	-6.18	23.20	23.08	23.27	24.32
	3 TX Slots	27.57	27.38	27.42	29.00	-4.42	23.15	22.96	23.00	24.58
	4 TX Slots	26.21	26.12	26.38	28.00	-3.17	23.04	22.95	23.21	24.83
EGPRS (8PSK)	1 TX Slot	27.23	26.97	27.31	28.00	-9.19	18.04	17.78	18.12	18.81
	2 TX Slots	25.35	24.81	25.37	26.00	-6.18	19.17	18.63	19.19	19.82
	3 TX Slots	23.90	23.32	23.61	24.50	-4.42	19.48	18.90	19.19	20.08
	4 TX Slots	22.69	22.30	22.72	23.50	-3.17	19.52	19.13	19.55	20.33

GSM 850 state8										
Burst Output Power(dBm)						Division Factors	Frame-Average Output Power(dBm)			
Channel		128	190	251	Tune up		128	190	251	Tune up
GSM(GMSK)	GSM	30.71	31.32	30.83	31.50	-9.19	21.52	22.13	21.64	22.31
GPRS (GMSK)	1 TX Slot	30.65	31.24	30.80	31.50	-9.19	21.46	22.05	21.61	22.31
	2 TX Slots	27.89	27.82	28.39	29.00	-6.18	21.71	21.64	22.21	22.82
	3 TX Slots	26.30	26.14	25.93	27.50	-4.42	21.88	21.72	21.51	23.08
	4 TX Slots	24.63	25.03	25.08	26.50	-3.17	21.46	21.86	21.91	23.33
EGPRS (GMSK)	1 TX Slot	30.73	31.28	30.85	31.50	-9.19	21.54	22.09	21.66	22.31
	2 TX Slots	27.89	27.72	28.44	29.00	-6.18	21.71	21.54	22.26	22.82
	3 TX Slots	26.35	26.07	26.00	27.50	-4.42	21.93	21.65	21.58	23.08
	4 TX Slots	24.64	25.05	25.10	26.50	-3.17	21.47	21.88	21.93	23.33
EGPRS (8PSK)	1 TX Slot	27.25	27.08	27.26	28.00	-9.19	18.06	17.89	18.07	18.81
	2 TX Slots	24.94	24.96	25.22	26.00	-6.18	18.76	18.78	19.04	19.82
	3 TX Slots	23.17	23.36	23.23	24.50	-4.42	18.75	18.94	18.81	20.08
	4 TX Slots	21.85	22.38	22.17	23.50	-3.17	18.68	19.21	19.00	20.33

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GSM 850 state10										
Burst Output Power(dBm)						Division Factors	Frame-Average Output Power(dBm)			
Channel		128	190	251	Tune up		128	190	251	Tune up
GSM(GMSK)	GSM	31.48	31.44	30.95	32.00	-9.19	22.29	22.25	21.76	22.81
GPRS (GMSK)	1 TX Slot	31.54	31.36	30.86	32.00	-9.19	22.35	22.17	21.67	22.81
	2 TX Slots	28.23	28.60	28.72	29.50	-6.18	22.05	22.42	22.54	23.32
	3 TX Slots	26.44	26.24	26.77	28.00	-4.42	22.02	21.82	22.35	23.58
	4 TX Slots	25.11	25.34	25.37	27.00	-3.17	21.94	22.17	22.20	23.83
EGPRS (GMSK)	1 TX Slot	31.47	31.35	30.76	32.00	-9.19	22.28	22.16	21.57	22.81
	2 TX Slots	28.32	28.61	28.69	29.50	-6.18	22.14	22.43	22.51	23.32
	3 TX Slots	26.34	26.32	26.74	28.00	-4.42	21.92	21.90	22.32	23.58
	4 TX Slots	25.11	25.44	25.41	27.00	-3.17	21.94	22.27	22.24	23.83
EGPRS (8PSK)	1 TX Slot	27.09	27.05	27.21	28.00	-9.19	17.90	17.86	18.02	18.81
	2 TX Slots	25.11	24.82	24.68	26.00	-6.18	18.93	18.64	18.50	19.82
	3 TX Slots	23.13	23.38	23.21	24.50	-4.42	18.71	18.96	18.79	20.08
	4 TX Slots	21.83	22.33	22.16	23.50	-3.17	18.66	19.16	18.99	20.33

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2.2 Conducted Power of WCDMA

WCDMA Band V state3					
Average Conducted Power(dBm)					
Channel		4132	4182	4233	Tune up
WCDMA	12.2kbps RMC	22.27	22.33	22.21	22.80
	12.2kbps AMR	22.21	22.27	22.28	22.80
HSDPA	Subtest 1	21.68	21.63	21.45	21.80
	Subtest 2	21.71	21.68	21.50	21.80
	Subtest 3	21.19	21.17	20.98	21.30
	Subtest 4	21.18	21.18	20.95	21.30
HSUPA	Subtest 1	21.62	21.45	21.35	22.00
	Subtest 2	19.53	19.49	19.29	20.00
	Subtest 3	20.51	20.43	20.26	21.00
	Subtest 4	19.52	19.43	19.25	20.00
	Subtest 5	21.55	21.44	21.28	22.00
DC-HSDPA	Subtest 1	21.61	21.56	21.44	21.80
	Subtest 2	21.67	21.78	21.45	21.80
	Subtest 3	21.17	21.21	20.94	21.30
	Subtest 4	21.19	21.27	20.96	21.30
HSPA+	16QAM	19.76	19.68	19.49	20.80

WCDMA Band V state5					
Average Conducted Power(dBm)					
Channel		4132	4182	4233	Tune up
WCDMA	12.2kbps RMC	22.79	22.69	22.61	23.30
	12.2kbps AMR	22.71	22.69	22.61	23.30
HSDPA	Subtest 1	22.24	22.11	21.87	22.30
	Subtest 2	22.22	22.06	21.89	22.30
	Subtest 3	21.75	21.61	21.38	21.80
	Subtest 4	21.76	21.61	21.38	21.80
HSUPA	Subtest 1	22.15	22.03	21.82	22.50
	Subtest 2	19.96	19.97	19.78	20.50
	Subtest 3	20.95	20.95	20.78	21.50
	Subtest 4	20.01	19.91	19.76	20.50
	Subtest 5	22.03	21.95	21.79	22.50
DC-HSDPA	Subtest 1	22.29	22.04	21.94	22.30
	Subtest 2	22.14	22.07	21.79	22.30
	Subtest 3	21.76	21.51	21.35	21.80
	Subtest 4	21.76	21.52	21.28	21.80
HSPA+	16QAM	20.22	20.12	19.99	21.30

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WCDMA Band V state8					
Average Conducted Power(dBm)					
Channel		4132	4182	4233	Tune up
WCDMA	12.2kbps RMC	20.78	20.83	20.70	21.30
	12.2kbps AMR	20.70	20.92	20.71	21.30
HSDPA	Subtest 1	20.23	20.09	19.91	20.30
	Subtest 2	20.23	20.07	19.89	20.30
	Subtest 3	19.75	19.59	19.39	19.80
	Subtest 4	19.72	19.59	19.39	19.80
HSUPA	Subtest 1	20.15	20.02	19.84	20.50
	Subtest 2	18.08	18.02	17.83	18.50
	Subtest 3	19.01	19.01	18.84	19.50
	Subtest 4	18.01	18.00	17.87	18.50
	Subtest 5	20.01	20.07	19.93	20.50
DC-HSDPA	Subtest 1	20.25	20.00	20.00	20.30
	Subtest 2	20.15	19.98	19.93	20.30
	Subtest 3	19.78	19.56	19.41	19.80
	Subtest 4	19.75	19.60	19.29	19.80
HSPA+	16QAM	18.22	18.23	18.06	19.30

WCDMA Band V state10					
Average Conducted Power(dBm)					
Channel		4132	4182	4233	Tune up
WCDMA	12.2kbps RMC	21.81	21.81	21.63	22.30
	12.2kbps AMR	21.86	21.78	21.61	22.30
HSDPA	Subtest 1	21.20	21.03	20.86	21.30
	Subtest 2	21.24	21.01	20.85	21.30
	Subtest 3	20.71	20.52	20.33	20.80
	Subtest 4	20.73	20.52	20.34	20.80
HSUPA	Subtest 1	20.19	20.08	20.82	21.50
	Subtest 2	18.51	19.04	18.83	19.50
	Subtest 3	20.02	20.00	19.82	20.50
	Subtest 4	19.01	19.03	18.82	19.50
	Subtest 5	21.01	21.03	20.83	21.50
DC-HSDPA	Subtest 1	21.13	21.00	20.81	21.30
	Subtest 2	21.26	20.99	20.89	21.30
	Subtest 3	20.77	20.55	20.27	20.80
	Subtest 4	20.70	20.42	20.34	20.80
HSPA+	16QAM	19.22	19.23	19.01	20.30

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2.3 Conducted Power of LTE

LTE Band 5 state3/5				**Conducted Power(dBm)**			
Bandwidth	Modulation	RB size	RB offset	Channel 20407	Channel 20525	Channel 20643	Tune up
1.4MHz	QPSK	1	0	22.26	22.24	22.20	23.00
		1	2	22.26	22.46	22.17	23.00
		1	5	22.16	22.11	22.00	23.00
		3	0	22.09	22.23	22.28	23.00
		3	2	22.15	22.36	22.42	23.00
		3	3	22.29	22.17	22.16	23.00
		6	0	22.18	22.37	22.29	23.00
	16QAM	1	0	22.56	22.70	22.63	23.00
		1	2	22.61	22.63	22.48	23.00
		1	5	22.55	22.74	22.30	23.00
		3	0	22.25	22.60	22.34	23.00
		3	2	22.40	22.44	22.34	23.00
		3	3	22.05	22.39	22.25	23.00
		6	0	22.31	22.30	22.24	23.00
	64QAM	1	0	22.07	21.54	22.51	23.00
		1	2	22.36	22.43	21.89	23.00
		1	5	22.39	22.02	22.08	23.00
		3	0	21.64	21.76	21.66	23.00
		3	2	21.81	22.00	21.70	23.00
		3	3	21.86	21.61	21.51	23.00
		6	0	20.97	20.76	20.62	22.00
Bandwidth	Modulation	RB size	RB offset	Channel 20415	Channel 20525	Channel 20635	Tune up
3MHz	QPSK	1	0	22.13	22.23	22.25	23.00
		1	7	22.34	22.27	22.26	23.00
		1	14	22.26	22.14	22.21	23.00
		8	0	22.37	22.24	22.24	23.00
		8	4	22.41	22.49	22.29	23.00
		8	7	22.16	22.42	22.09	23.00
		15	0	22.13	22.45	22.30	23.00
	16QAM	1	0	22.58	22.57	22.80	23.00
		1	7	22.51	22.66	22.32	23.00
		1	14	22.68	22.73	22.40	23.00
		8	0	22.06	22.51	22.36	23.00
		8	4	22.15	22.39	22.43	23.00
		8	7	22.10	22.34	22.27	23.00
		15	0	22.43	22.35	22.33	23.00

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	64QAM	1	0	22.30	21.53	22.38	23.00
		1	7	22.30	22.53	21.97	23.00
		1	14	22.15	21.98	22.17	23.00
		8	0	20.70	20.98	20.50	22.00
		8	4	20.76	20.91	20.78	22.00
		8	7	20.93	20.62	20.70	22.00
		15	0	20.80	20.83	20.86	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20425	20525	20625	
5MHz	QPSK	1	0	21.99	22.13	22.30	23.00
		1	13	22.17	22.36	22.31	23.00
		1	24	22.31	22.10	22.04	23.00
		12	0	22.21	22.33	22.39	23.00
		12	6	22.27	22.35	22.24	23.00
		12	13	22.33	22.15	22.14	23.00
		25	0	22.15	22.42	22.42	23.00
	16QAM	1	0	22.28	22.50	22.60	23.00
		1	13	22.59	22.73	22.48	23.00
		1	24	22.68	22.71	22.48	23.00
		12	0	22.26	22.36	22.34	23.00
		12	6	22.39	22.50	22.39	23.00
		12	13	22.10	22.26	22.38	23.00
		25	0	22.26	22.45	22.21	23.00
	64QAM	1	0	22.05	21.68	22.43	23.00
		1	13	22.36	22.30	21.98	23.00
		1	24	22.19	22.04	22.22	23.00
		12	0	20.75	20.76	20.58	22.00
		12	6	20.84	20.98	20.73	22.00
		12	13	20.67	20.85	20.67	22.00
		25	0	20.75	20.70	20.81	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20450	20525	20600	
10MHz	QPSK	1	0	22.23	22.32	22.30	23.00
		1	25	22.34	22.49	22.38	23.00
		1	49	22.32	22.28	22.23	23.00
		25	0	22.33	22.44	22.47	23.00
		25	13	22.40	22.45	22.40	23.00
		25	25	22.38	22.38	22.25	23.00
		50	0	22.36	22.42	22.37	23.00
	16QAM	1	0	22.53	22.65	22.80	23.00
		1	25	22.69	22.78	22.47	23.00
		1	49	22.75	22.82	22.48	23.00
		25	0	22.29	22.56	22.46	23.00

		25	13	22.38	22.52	22.40	23.00
		25	25	22.27	22.50	22.36	23.00
		50	0	22.42	22.46	22.38	23.00
	64QAM	1	0	22.29	21.75	22.49	23.00
		1	25	22.47	22.49	22.07	23.00
		1	49	22.37	22.06	22.30	23.00
		25	0	20.79	20.97	20.73	22.00
		25	13	20.92	21.01	20.94	22.00
		25	25	20.90	20.86	20.72	22.00
		50	0	20.94	20.94	20.85	22.00

LTE Band 5 state8				**Conducted Power(dBm)**			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20407	20525	20643	
1.4MHz	QPSK	1	0	20.63	20.99	20.85	21.50
		1	2	20.94	21.14	20.78	21.50
		1	5	20.84	20.86	20.60	21.50
		3	0	20.79	20.95	20.99	21.50
		3	2	20.99	21.03	20.80	21.50
		3	3	21.05	21.09	20.81	21.50
		6	0	20.86	20.95	21.00	21.50
	16QAM	1	0	21.01	21.29	21.06	21.50
		1	2	21.01	21.19	21.06	21.50
		1	5	20.97	21.22	20.83	21.50
		3	0	20.93	20.96	21.01	21.50
		3	2	20.84	20.91	20.88	21.50
		3	3	20.90	20.98	20.76	21.50
		6	0	20.82	20.85	21.03	21.50
	64QAM	1	0	20.91	20.98	20.95	21.50
		1	2	20.96	21.05	20.90	21.50
		1	5	20.97	20.61	20.73	21.50
		3	0	20.76	20.97	21.01	21.50
		3	2	21.01	21.07	20.85	21.50
		3	3	20.90	20.84	20.76	21.50
		6	0	20.79	20.92	20.89	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20415	20525	20635	
3MHz	QPSK	1	0	20.64	21.09	20.84	21.50
		1	7	20.74	21.06	20.85	21.50
		1	14	20.88	20.82	20.56	21.50
		8	0	20.85	20.98	21.00	21.50

		8	4	20.95	20.93	20.93	21.50
		8	7	21.05	20.95	20.74	21.50
		15	0	20.88	21.01	20.95	21.50
	16QAM	1	0	20.93	21.40	20.95	21.50
		1	7	20.99	21.30	21.09	21.50
		1	14	21.00	21.22	20.88	21.50
		8	0	20.75	20.88	21.04	21.50
		8	4	20.93	20.92	20.95	21.50
		8	7	20.85	21.10	20.77	21.50
		15	0	20.93	20.91	20.91	21.50
	64QAM	1	0	20.82	20.89	20.84	21.50
		1	7	20.80	20.88	20.83	21.50
		1	14	21.01	20.80	20.80	21.50
		8	0	20.79	21.01	21.04	21.50
		8	4	20.82	21.02	20.95	21.50
		8	7	20.96	20.86	20.84	21.50
		15	0	20.96	20.89	20.78	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20425	20525	20625	
5MHz	QPSK	1	0	20.61	20.99	20.95	21.50
		1	13	20.86	21.13	20.88	21.50
		1	24	20.92	20.91	20.65	21.50
		12	0	20.86	20.83	20.89	21.50
		12	6	20.94	20.98	20.96	21.50
		12	13	20.94	20.97	20.83	21.50
		25	0	20.82	20.99	20.85	21.50
	16QAM	1	0	20.99	21.41	21.02	21.50
		1	13	20.92	21.25	21.13	21.50
		1	24	20.98	21.30	20.94	21.50
		12	0	20.94	20.91	21.03	21.50
		12	6	20.91	20.83	20.99	21.50
		12	13	20.76	20.99	20.64	21.50
		25	0	20.87	21.01	21.03	21.50
	64QAM	1	0	20.92	20.83	20.95	21.50
		1	13	20.80	20.95	20.93	21.50
		1	24	20.92	20.79	20.76	21.50
		12	0	20.95	21.02	20.99	21.50
		12	6	20.92	21.05	20.88	21.50
		12	13	20.90	20.93	20.90	21.50
		25	0	20.84	20.92	20.88	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20450	20525	20600	
10MHz	QPSK	1	0	20.65	21.04	20.92	21.50

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		1	25	20.84	21.05	20.78	21.50
		1	49	20.94	20.84	20.61	21.50
		25	0	20.80	20.91	20.92	21.50
		25	13	20.97	20.97	20.89	21.50
		25	25	20.98	21.04	20.76	21.50
		50	0	20.90	20.93	20.92	21.50
	16QAM	1	0	20.99	21.37	20.99	21.50
		1	25	21.00	21.23	21.11	21.50
		1	49	20.92	21.24	20.92	21.50
		25	0	20.85	20.96	21.01	21.50
		25	13	20.91	20.93	20.94	21.50
		25	25	20.85	21.05	20.71	21.50
		50	0	20.90	20.91	20.95	21.50
	64QAM	1	0	20.84	20.90	20.90	21.50
		1	25	20.89	20.98	20.92	21.50
		1	49	20.93	20.70	20.81	21.50
		25	0	20.85	20.98	20.94	21.50
		25	13	20.92	21.04	20.92	21.50
		25	25	20.94	20.93	20.85	21.50
		50	0	20.88	20.90	20.82	21.50

LTE Band 5 state10				**Conducted Power(dBm)**			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20407	20525	20643	
1.4MHz	QPSK	1	0	21.36	21.29	21.46	22.00
		1	2	21.43	21.75	21.30	22.00
		1	5	21.26	21.37	21.18	22.00
		3	0	21.28	21.52	21.54	22.00
		3	2	21.46	21.55	21.31	22.00
		3	3	21.20	21.40	21.08	22.00
		6	0	21.37	21.35	21.48	22.00
	16QAM	1	0	21.61	21.49	21.80	22.00
		1	2	21.65	21.75	21.51	22.00
		1	5	21.83	21.55	21.48	22.00
		3	0	21.29	21.43	21.38	22.00
		3	2	21.48	21.41	21.44	22.00
		3	3	21.44	21.30	21.29	22.00
		6	0	21.42	21.49	21.29	22.00
	64QAM	1	0	20.97	21.56	21.45	22.00
		1	2	21.39	21.69	21.27	22.00
		1	5	21.45	21.40	21.08	22.00

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		3	0	21.19	21.54	21.32	22.00
		3	2	21.41	21.57	21.42	22.00
		3	3	21.31	21.39	21.19	22.00
		6	0	21.35	21.48	21.42	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20415	20525	20635	
3MHz	QPSK	1	0	21.17	21.30	21.49	22.00
		1	7	21.44	21.76	21.19	22.00
		1	14	21.34	21.33	21.27	22.00
		8	0	21.29	21.42	21.56	22.00
		8	4	21.46	21.44	21.38	22.00
		8	7	21.18	21.51	21.26	22.00
		15	0	21.41	21.44	21.36	22.00
	16QAM	1	0	21.59	21.53	21.74	22.00
		1	7	21.56	21.79	21.59	22.00
		1	14	21.88	21.45	21.48	22.00
		8	0	21.33	21.42	21.23	22.00
		8	4	21.30	21.46	21.46	22.00
		8	7	21.50	21.29	21.31	22.00
		15	0	21.34	21.43	21.29	22.00
	64QAM	1	0	20.99	21.58	21.44	22.00
		1	7	21.27	21.78	21.26	22.00
		1	14	21.46	21.34	21.23	22.00
		8	0	21.16	21.62	21.41	22.00
		8	4	21.52	21.44	21.28	22.00
		8	7	21.48	21.45	21.18	22.00
		15	0	21.46	21.35	21.27	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20425	20525	20625	
5MHz	QPSK	1	0	21.18	21.34	21.48	22.00
		1	13	21.48	21.74	21.31	22.00
		1	24	21.25	21.40	21.13	22.00
		12	0	21.42	21.54	21.54	22.00
		12	6	21.39	21.42	21.44	22.00
		12	13	21.17	21.36	21.09	22.00
		25	0	21.34	21.28	21.33	22.00
	16QAM	1	0	21.53	21.57	21.83	22.00
		1	13	21.62	21.91	21.60	22.00
		1	24	21.93	21.62	21.47	22.00
		12	0	21.31	21.59	21.35	22.00
		12	6	21.34	21.43	21.31	22.00
		12	13	21.43	21.26	21.26	22.00
		25	0	21.41	21.36	21.44	22.00

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	64QAM	1	0	21.12	21.58	21.29	22.00
		1	13	21.25	21.65	21.30	22.00
		1	24	21.40	21.40	21.06	22.00
		12	0	21.29	21.44	21.49	22.00
		12	6	21.36	21.56	21.40	22.00
		12	13	21.30	21.41	21.19	22.00
		25	0	21.46	21.41	21.27	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20450	20525	20600	
10MHz	QPSK	1	0	21.27	21.32	21.39	22.00
		1	25	21.38	21.66	21.29	22.00
		1	49	21.28	21.39	21.23	22.00
		25	0	21.33	21.47	21.47	22.00
		25	13	21.37	21.46	21.40	22.00
		25	25	21.22	21.45	21.18	22.00
		50	0	21.38	21.37	21.39	22.00
	16QAM	1	0	21.56	21.51	21.84	22.00
		1	25	21.61	21.85	21.61	22.00
		1	49	21.86	21.55	21.52	22.00
		25	0	21.32	21.50	21.33	22.00
		25	13	21.38	21.47	21.40	22.00
		25	25	21.43	21.35	21.30	22.00
		50	0	21.43	21.46	21.37	22.00
	64QAM	1	0	21.05	21.63	21.38	22.00
		1	25	21.30	21.71	21.36	22.00
		1	49	21.44	21.37	21.13	22.00
		25	0	21.26	21.52	21.41	22.00
		25	13	21.44	21.49	21.38	22.00
		25	25	21.39	21.45	21.27	22.00
		50	0	21.38	21.43	21.35	22.00

LTE FDD Band 12 state3/5/10				**Conducted Power(dBm)**			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				23017	23095	23173	
1.4MHz	QPSK	1	0	24.41	24.45	24.28	25.00
		1	2	24.39	24.27	24.40	25.00
		1	5	24.40	24.23	24.45	25.00
		3	0	24.25	24.67	24.36	25.00
		3	2	24.54	24.45	24.62	25.00
		3	3	24.39	24.39	24.31	25.00
		6	0	23.70	23.45	23.44	24.00

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	16QAM	1	0	23.54	23.49	23.69	24.00
		1	2	23.87	23.65	23.75	24.00
		1	5	23.69	23.75	23.81	24.00
		3	0	23.44	23.78	23.72	24.00
		3	2	23.60	23.55	23.72	24.00
		3	3	23.48	23.77	23.60	24.00
		6	0	22.52	22.54	22.47	23.00
	64QAM	1	0	21.92	21.97	21.95	23.00
		1	2	22.27	22.08	22.11	23.00
		1	5	21.93	21.90	22.02	23.00
		3	0	21.88	21.95	21.66	23.00
		3	2	22.15	22.05	21.96	23.00
		3	3	21.89	21.72	21.67	23.00
		6	0	21.10	21.03	20.91	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				23025	23095	23165	
3MHz	QPSK	1	0	24.54	24.59	24.32	25.00
		1	7	24.51	24.56	24.51	25.00
		1	14	24.41	24.40	24.43	25.00
		8	0	23.42	23.70	23.48	24.00
		8	4	23.51	23.75	23.71	24.00
		8	7	23.67	23.63	23.62	24.00
		15	0	23.83	23.43	23.52	24.00
	16QAM	1	0	23.75	23.76	23.71	24.00
		1	7	23.81	23.68	23.76	24.00
		1	14	23.79	23.82	23.67	24.00
		8	0	22.63	22.62	22.59	23.00
		8	4	22.60	22.67	22.56	23.00
		8	7	22.53	22.76	22.79	23.00
		15	0	22.69	22.55	22.46	23.00
	64QAM	1	0	22.11	21.97	22.06	23.00
		1	7	22.15	22.22	22.16	23.00
		1	14	22.11	22.12	22.06	23.00
		8	0	20.86	20.68	20.94	22.00
		8	4	21.13	20.80	20.90	22.00
		8	7	21.15	20.72	20.92	22.00
		15	0	20.93	20.83	21.12	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				23035	23095	23155	
5MHz	QPSK	1	0	24.41	24.51	24.45	25.00
		1	13	24.45	24.58	24.53	25.00
		1	24	24.43	24.31	24.46	25.00
		12	0	23.39	23.73	23.43	24.00

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		12	6	23.49	23.77	23.74	24.00
		12	13	23.69	23.73	23.47	24.00
		25	0	23.73	23.43	23.45	24.00
	16QAM	1	0	23.74	23.59	23.69	24.00
		1	13	23.89	23.68	23.87	24.00
		1	24	23.70	23.64	23.54	24.00
		12	0	22.63	22.58	22.69	23.00
		12	6	22.74	22.64	22.56	23.00
		12	13	22.74	22.51	22.76	23.00
		25	0	22.68	22.47	22.45	23.00
	64QAM	1	0	22.06	21.87	22.01	23.00
		1	13	22.25	22.20	22.11	23.00
		1	24	21.90	21.88	22.03	23.00
		12	0	20.75	20.83	20.86	22.00
		12	6	20.97	21.05	21.12	22.00
		12	13	21.09	21.01	20.86	22.00
		25	0	20.87	20.99	21.13	22.00

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				23060	23095	23130	
10MHz	QPSK	1	0	24.45	24.60	24.41	25.00
		1	25	24.55	24.49	24.42	25.00
		1	49	24.44	24.40	24.42	25.00
		25	0	23.61	23.80	23.65	24.00
		25	13	23.71	23.76	23.74	24.00
		25	25	23.69	23.71	23.67	24.00
		50	0	23.78	23.67	23.65	24.00
	16QAM	1	0	23.79	23.73	23.84	24.00
		1	25	23.98	23.81	23.94	24.00
		1	49	23.89	23.82	23.76	24.00
		25	0	22.61	22.74	22.68	23.00
		25	13	22.79	22.77	22.73	23.00
		25	25	22.69	22.72	22.75	23.00
		50	0	22.68	22.68	22.62	23.00
	64QAM	1	0	22.11	22.02	22.13	23.00
		1	25	22.39	22.24	22.16	23.00
		1	49	22.12	22.11	22.26	23.00
		25	0	20.90	20.91	20.90	22.00
		25	13	21.13	21.00	21.07	22.00
		25	25	21.11	20.96	20.87	22.00
		50	0	21.09	20.99	21.12	22.00

LTE FDD Band 12 state8	**Conducted Power(dBm)**

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Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				23017	23095	23173	
1.4MHz	QPSK	1	0	23.52	23.69	23.45	24.00
		1	2	23.74	23.60	23.76	24.00
		1	5	23.66	23.48	23.58	24.00
		3	0	23.53	23.71	23.54	24.00
		3	2	23.66	23.65	23.53	24.00
		3	3	23.79	23.59	23.48	24.00
		6	0	23.62	23.50	23.47	24.00
	16QAM	1	0	23.83	23.79	23.59	24.00
		1	2	23.81	23.78	23.40	24.00
		1	5	23.65	23.80	23.73	24.00
		3	0	23.73	23.68	23.42	24.00
		3	2	23.83	23.67	23.58	24.00
		3	3	23.61	23.71	23.66	24.00
		6	0	22.71	22.64	22.45	23.00
	64QAM	1	0	21.76	21.99	22.17	23.00
		1	2	22.24	22.04	22.07	23.00
		1	5	22.25	21.89	22.12	23.00
		3	0	21.89	21.98	21.73	23.00
		3	2	21.88	21.89	22.16	23.00
		3	3	21.76	21.98	21.87	23.00
		6	0	20.98	20.76	20.95	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				23025	23095	23165	
3MHz	QPSK	1	0	23.62	23.58	23.63	24.00
		1	7	23.49	23.51	23.73	24.00
		1	14	23.53	23.63	23.55	24.00
		8	0	23.52	23.76	23.62	24.00
		8	4	23.80	23.74	23.82	24.00
		8	7	23.62	23.46	23.71	24.00
		15	0	23.56	23.52	23.52	24.00
	16QAM	1	0	23.61	23.60	23.64	24.00
		1	7	23.69	23.78	23.33	24.00
		1	14	23.90	23.89	23.54	24.00
		8	0	22.52	22.50	22.52	23.00
		8	4	22.63	22.57	22.77	23.00
		8	7	22.48	22.54	22.76	23.00
		15	0	22.47	22.56	22.71	23.00
	64QAM	1	0	21.94	21.98	22.07	23.00
		1	7	22.16	22.06	22.22	23.00
		1	14	21.99	21.93	22.10	23.00

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		8	0	21.01	20.88	20.77	22.00
		8	4	20.99	20.91	20.87	22.00
		8	7	20.61	21.05	20.87	22.00
		15	0	20.70	20.76	20.88	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				23035	23095	23155	
5MHz	QPSK	1	0	23.68	23.82	23.48	24.00
		1	13	23.78	23.34	23.72	24.00
		1	24	23.49	23.53	23.57	24.00
		12	0	23.59	23.60	23.50	24.00
		12	6	23.71	23.68	23.57	24.00
		12	13	23.56	23.64	23.53	24.00
		25	0	23.49	23.64	23.71	24.00
	16QAM	1	0	23.73	23.73	23.51	24.00
		1	13	23.74	23.94	23.40	24.00
		1	24	23.70	23.96	23.72	24.00
		12	0	22.75	22.68	22.57	23.00
		12	6	22.66	22.64	22.66	23.00
		12	13	22.68	22.59	22.64	23.00
		25	0	22.56	22.74	22.70	23.00
	64QAM	1	0	21.91	22.08	22.17	23.00
		1	13	22.09	22.16	22.31	23.00
		1	24	22.26	22.13	22.17	23.00
		12	0	20.81	20.94	20.72	22.00
		12	6	20.92	21.00	21.01	22.00
		12	13	20.88	20.93	20.70	22.00
		25	0	20.84	20.73	21.11	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				23060	23095	23130	
10MHz	QPSK	1	0	23.66	23.83	23.58	24.00
		1	25	23.74	23.56	23.82	24.00
		1	49	23.67	23.71	23.59	24.00
		25	0	23.58	23.72	23.61	24.00
		25	13	23.66	23.70	23.67	24.00
		25	25	23.71	23.60	23.60	24.00
		50	0	23.74	23.71	23.69	24.00
	16QAM	1	0	23.82	23.79	23.67	24.00
		1	25	23.98	23.89	23.56	24.00
		1	49	23.79	23.93	23.75	24.00
		25	0	22.72	22.63	22.67	23.00
		25	13	22.82	22.70	22.72	23.00
		25	25	22.71	22.75	22.71	23.00
		50	0	22.72	22.79	22.69	23.00

	64QAM	1	0	21.91	22.10	22.15	23.00
		1	25	22.20	22.20	22.28	23.00
		1	49	22.21	22.12	22.21	23.00
		25	0	21.02	21.03	20.91	22.00
		25	13	21.00	21.01	21.12	22.00
		25	25	20.86	21.02	20.95	22.00
		50	0	20.95	20.86	21.10	22.00

LTE FDD Band 13 state3/5/10				**Conducted Power(dBm)**			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				23205	23230	23255	
5MHz	QPSK	1	0	24.54	24.53	24.55	25.00
		1	13	24.41	24.41	24.47	25.00
		1	24	24.24	24.40	24.42	25.00
		12	0	23.56	23.45	23.47	24.00
		12	6	23.47	23.52	23.52	24.00
		12	13	23.43	23.51	23.48	24.00
		25	0	23.42	23.41	23.48	24.00
	16QAM	1	0	23.62	23.73	23.70	24.00
		1	13	23.94	23.90	23.81	24.00
		1	24	23.68	23.65	23.70	24.00
		12	0	22.55	22.45	22.51	23.00
		12	6	22.41	22.39	22.47	23.00
		12	13	22.52	22.52	22.61	23.00
		25	0	22.50	22.45	22.61	23.00
	64QAM	1	0	21.90	21.92	21.95	23.00
		1	13	22.09	22.10	22.17	23.00
		1	24	21.84	21.83	22.01	23.00
		12	0	20.85	20.84	21.00	22.00
		12	6	20.68	20.70	20.66	22.00
		12	13	20.78	20.79	20.90	22.00
		25	0	20.77	20.78	20.77	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	23230	/	
10MHz	QPSK	1	0	/	24.58	/	25.00
		1	25	/	24.45	/	25.00
		1	49	/	24.38	/	25.00
		25	0	/	23.58	/	24.00
		25	13	/	23.57	/	24.00
		25	25	/	23.54	/	24.00
		50	0	/	23.51	/	24.00

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	16QAM	1	0	/	23.74	/	24.00
		1	25	/	23.95	/	24.00
		1	49	/	23.74	/	24.00
		25	0	/	22.57	/	23.00
		25	13	/	22.54	/	23.00
		25	25	/	22.60	/	23.00
		50	0	/	22.59	/	23.00
	64QAM	1	0	/	21.93	/	23.00
		1	25	/	22.15	/	23.00
		1	49	/	21.96	/	23.00
		25	0	/	20.97	/	22.00
		25	13	/	20.77	/	22.00
		25	25	/	20.88	/	22.00
		50	0	/	20.81	/	22.00

LTE FDD Band 13 state8				**Conducted Power(dBm)**			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				23205	23230	23255	
5MHz	QPSK	1	0	23.16	23.03	23.13	23.50
		1	13	23.06	23.16	23.17	23.50
		1	24	22.94	22.87	22.86	23.50
		12	0	23.10	23.04	23.11	23.50
		12	6	23.06	22.99	22.97	23.50
		12	13	23.02	23.02	23.13	23.50
		25	0	22.99	22.92	23.09	23.50
	16QAM	1	0	22.98	23.03	23.03	23.50
		1	13	23.06	23.05	23.08	23.50
		1	24	23.18	23.33	23.14	23.50
		12	0	22.41	22.47	22.45	23.00
		12	6	22.13	22.30	22.16	23.00
		12	13	22.35	22.41	22.35	23.00
		25	0	22.40	22.38	22.48	23.00
	64QAM	1	0	21.90	21.91	22.05	23.00
		1	13	22.07	22.10	22.18	23.00
		1	24	21.91	21.94	21.92	23.00
		12	0	20.83	20.98	20.87	22.00
		12	6	20.75	20.81	20.88	22.00
		12	13	20.88	20.94	20.87	22.00
		25	0	20.87	20.73	20.79	22.00

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	23230	/	

10MHz	QPSK	1	0	/	23.14	/	23.50
		1	25	/	23.13	/	23.50
		1	49	/	22.92	/	23.50
		25	0	/	23.12	/	23.50
		25	13	/	23.08	/	23.50
		25	25	/	23.11	/	23.50
		50	0	/	23.04	/	23.50
	16QAM	1	0	/	23.12	/	23.50
		1	25	/	23.19	/	23.50
		1	49	/	23.29	/	23.50
		25	0	/	22.46	/	23.00
		25	13	/	22.27	/	23.00
		25	25	/	22.42	/	23.00
		50	0	/	22.52	/	23.00
	64QAM	1	0	/	22.03	/	23.00
		1	25	/	22.16	/	23.00
		1	49	/	22.05	/	23.00
		25	0	/	20.98	/	22.00
		25	13	/	20.87	/	22.00
		25	25	/	20.95	/	22.00
		50	0	/	20.87	/	22.00

LTE FDD Band 17 state3/5/10				**Conducted Power(dBm)**			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				23755	23790	23825	
5MHz	QPSK	1	0	24.40	24.41	24.47	25.00
		1	13	24.64	24.53	24.65	25.00
		1	24	24.58	24.53	24.60	25.00
		12	0	23.68	23.64	23.71	24.00
		12	6	23.72	23.75	23.56	24.00
		12	13	23.64	23.60	23.62	24.00
		25	0	23.57	23.57	23.48	24.00
	16QAM	1	0	23.82	23.82	23.73	24.00
		1	13	23.59	23.92	23.81	24.00
		1	24	23.59	23.90	23.66	24.00
		12	0	22.56	22.50	22.66	23.00
		12	6	22.73	22.52	22.60	23.00
		12	13	22.54	22.61	22.46	23.00
		25	0	22.57	22.69	22.61	23.00
	64QAM	1	0	21.94	22.10	22.10	23.00
		1	13	22.01	22.11	22.11	23.00

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		1	24	21.97	22.02	21.88	23.00
		12	0	20.74	20.73	20.97	22.00
		12	6	20.98	20.93	20.92	22.00
		12	13	20.74	20.82	20.86	22.00
		25	0	20.85	20.93	20.87	22.00

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				23780	23790	23800	
10MHz	QPSK	1	0	24.51	24.56	24.52	25.00
		1	25	24.67	24.63	24.64	25.00
		1	49	24.58	24.51	24.58	25.00
		25	0	23.64	23.62	23.68	24.00
		25	13	23.74	23.70	23.65	24.00
		25	25	23.60	23.55	23.68	24.00
		50	0	23.67	23.70	23.58	24.00
	16QAM	1	0	23.97	23.94	23.83	24.00
		1	25	23.61	23.91	23.92	24.00
		1	49	23.55	23.93	23.74	24.00
		25	0	22.69	22.55	22.66	23.00
		25	13	22.69	22.64	22.56	23.00
		25	25	22.68	22.68	22.58	23.00
		50	0	22.57	22.67	22.69	23.00
	64QAM	1	0	22.08	22.16	22.08	23.00
		1	25	22.16	22.12	22.19	23.00
		1	49	22.09	22.12	21.94	23.00
		25	0	20.85	20.88	20.96	22.00
		25	13	20.99	20.99	21.02	22.00
		25	25	20.89	20.87	20.82	22.00
		50	0	20.84	20.89	20.86	22.00

LTE FDD Band 17 state8				**Conducted Power(dBm)**			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				23755	23790	23825	
5MHz	QPSK	1	0	23.69	23.53	23.56	24.00
		1	13	23.47	23.66	23.75	24.00
		1	24	23.47	23.48	23.50	24.00
		12	0	23.57	23.46	23.61	24.00
		12	6	23.78	23.55	23.55	24.00
		12	13	23.62	23.67	23.68	24.00
		25	0	23.58	23.59	23.57	24.00
	16QAM	1	0	23.79	23.81	23.74	24.00
		1	13	23.93	23.94	23.82	24.00

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		1	24	23.36	23.46	23.70	24.00
		12	0	22.71	22.58	22.48	23.00
		12	6	22.72	22.68	22.55	23.00
		12	13	22.44	22.72	22.56	23.00
		25	0	22.65	22.64	22.46	23.00
	64QAM	1	0	22.00	22.04	22.20	23.00
		1	13	22.08	22.07	22.10	23.00
		1	24	22.07	21.99	21.95	23.00
		12	0	20.80	20.82	20.83	22.00
		12	6	20.98	20.83	20.99	22.00
		12	13	20.68	20.81	20.71	22.00
		25	0	20.78	20.90	20.86	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				23780	23790	23800	
10MHz	QPSK	1	0	23.76	23.53	23.56	24.00
		1	25	23.62	23.61	23.72	24.00
		1	49	23.59	23.53	23.55	24.00
		25	0	23.56	23.61	23.69	24.00
		25	13	23.76	23.70	23.64	24.00
		25	25	23.57	23.71	23.67	24.00
		50	0	23.67	23.68	23.64	24.00
	16QAM	1	0	23.84	23.92	23.88	24.00
		1	25	23.98	23.94	23.95	24.00
		1	49	23.38	23.49	23.74	24.00
		25	0	22.67	22.64	22.59	23.00
		25	13	22.68	22.75	22.61	23.00
		25	25	22.58	22.68	22.68	23.00
		50	0	22.66	22.61	22.58	23.00
	64QAM	1	0	22.11	22.09	22.16	23.00
		1	25	22.12	22.11	22.11	23.00
		1	49	22.10	22.04	22.05	23.00
		25	0	20.86	20.87	20.86	22.00
		25	13	21.06	20.96	20.96	22.00
		25	25	20.81	20.83	20.85	22.00
		50	0	20.90	20.94	20.96	22.00

LTE Band 26 state3/5				**Conducted Power(dBm)**			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26697	26865	27033	
1.4MHz	QPSK	1	0	22.83	23.00	22.79	23.50
		1	2	22.93	22.74	22.83	23.50

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		1	5	22.91	22.64	22.77	23.50
		3	0	23.07	23.00	22.91	23.50
		3	2	22.93	22.98	22.91	23.50
		3	3	22.99	22.95	22.96	23.50
		6	0	23.02	23.01	23.00	23.50
	16QAM	1	0	22.76	22.81	22.95	23.50
		1	2	23.16	22.83	22.96	23.50
		1	5	23.16	23.09	22.95	23.50
		3	0	22.45	22.45	22.44	23.50
		3	2	22.44	22.56	22.44	23.50
		3	3	22.30	22.50	22.34	23.50
		6	0	22.38	22.53	22.60	23.00
	64QAM	1	0	22.52	22.29	22.73	23.00
		1	2	22.96	22.82	22.84	23.00
		1	5	22.85	22.88	22.76	23.00
		3	0	21.76	21.88	21.92	23.00
		3	2	21.63	21.63	21.77	23.00
		3	3	21.75	21.69	21.74	23.00
		6	0	20.53	20.77	20.62	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26705	26865	27025	
3MHz	QPSK	1	0	22.87	23.01	22.89	23.50
		1	7	22.86	22.77	22.82	23.50
		1	14	22.86	22.55	22.77	23.50
		8	0	23.04	22.98	22.97	23.50
		8	4	23.07	23.09	22.96	23.50
		8	7	22.95	23.05	22.94	23.50
		15	0	22.99	23.05	23.02	23.50
	16QAM	1	0	22.88	22.93	22.87	23.50
		1	7	23.14	22.84	22.76	23.50
		1	14	23.16	23.18	22.99	23.50
		8	0	22.55	22.36	22.47	23.00
		8	4	22.48	22.62	22.38	23.00
		8	7	22.34	22.51	22.45	23.00
		15	0	22.52	22.44	22.51	23.00
	64QAM	1	0	22.59	22.38	22.70	23.00
		1	7	22.93	22.82	22.87	23.00
		1	14	22.83	22.80	22.79	23.00
		8	0	20.80	20.90	20.81	22.00
		8	4	20.73	20.63	20.77	22.00
		8	7	20.63	20.72	20.91	22.00
		15	0	20.52	20.79	20.59	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up

				26715	26865	27015	
5MHz	QPSK	1	0	22.86	22.97	22.79	23.50
		1	13	22.92	22.79	22.90	23.50
		1	24	22.87	22.54	22.89	23.50
		12	0	23.12	23.00	22.91	23.50
		12	6	22.98	23.00	23.06	23.50
		12	13	23.04	22.95	22.96	23.50
		25	0	23.10	22.99	22.91	23.50
	16QAM	1	0	22.86	23.00	22.97	23.50
		1	13	23.08	22.91	22.78	23.50
		1	24	23.11	23.08	22.89	23.50
		12	0	22.58	22.45	22.40	23.00
		12	6	22.35	22.53	22.39	23.00
		12	13	22.30	22.66	22.37	23.00
		25	0	22.46	22.49	22.42	23.00
	64QAM	1	0	22.52	22.40	22.81	23.00
		1	13	22.85	22.86	22.85	23.00
		1	24	22.94	22.77	22.63	23.00
		12	0	20.79	20.90	20.89	22.00
		12	6	20.59	20.70	20.71	22.00
		12	13	20.68	20.77	20.88	22.00
		25	0	20.64	20.75	20.55	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26740	26865	26990	
10MHz	QPSK	1	0	22.83	22.88	22.89	23.50
		1	25	22.89	22.79	22.72	23.50
		1	49	22.75	22.73	22.86	23.50
		25	0	22.99	23.09	22.84	23.50
		25	13	22.94	23.05	22.97	23.50
		25	25	23.07	22.93	23.02	23.50
		50	0	23.03	22.88	23.07	23.50
	16QAM	1	0	22.85	22.83	22.87	23.50
		1	25	23.10	22.78	22.80	23.50
		1	49	23.10	23.08	22.87	23.50
		25	0	22.45	22.48	22.44	23.00
		25	13	22.40	22.64	22.30	23.00
		25	25	22.31	22.59	22.44	23.00
		50	0	22.54	22.36	22.59	23.00
	64QAM	1	0	22.53	22.37	22.86	23.00
		1	25	22.87	22.99	22.77	23.00
		1	49	22.79	22.77	22.75	23.00
		25	0	20.95	20.78	20.85	22.00
		25	13	20.61	20.67	20.71	22.00

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		25	25	20.69	20.69	20.93	22.00
		50	0	20.54	20.61	20.53	22.00

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26765	26865	26965	
15MHz	QPSK	1	0	22.95	22.96	22.92	23.50
		1	38	22.96	22.82	22.86	23.50
		1	74	22.90	22.68	22.85	23.50
		36	0	23.11	23.11	22.97	23.50
		36	18	23.08	23.07	23.03	23.50
		36	39	23.04	23.06	23.03	23.50
		75	0	23.09	23.02	23.05	23.50
	16QAM	1	0	22.88	22.96	22.99	23.50
		1	38	23.12	22.87	22.91	23.50
		1	74	23.11	23.18	22.96	23.50
		36	0	22.57	22.44	22.43	23.00
		36	18	22.49	22.62	22.42	23.00
		36	39	22.44	22.63	22.46	23.00
		75	0	22.53	22.50	22.57	23.00
	64QAM	1	0	22.64	22.43	22.84	23.00
		1	38	22.94	22.96	22.84	23.00
		1	74	22.91	22.90	22.76	23.00
		36	0	20.91	20.85	20.90	22.00
		36	18	20.74	20.78	20.75	22.00
		36	39	20.71	20.81	20.89	22.00
		75	0	20.64	20.74	20.65	22.00

LTE Band 26 state8				**Conducted Power(dBm)**			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26697	26865	27033	
1.4MHz	QPSK	1	0	21.21	21.76	21.35	22.00
		1	2	21.31	21.23	21.33	22.00
		1	5	21.31	21.47	21.32	22.00
		3	0	21.30	21.51	21.32	22.00
		3	2	21.56	21.45	21.31	22.00
		3	3	21.26	21.48	21.33	22.00
		6	0	21.38	21.34	21.39	22.00
	16QAM	1	0	21.70	21.60	21.71	22.00
		1	2	21.48	21.63	21.68	22.00
		1	5	21.44	21.56	21.07	22.00
		3	0	21.43	21.38	21.41	22.00
		3	2	21.39	21.35	21.30	22.00

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		3	3	21.20	21.47	21.37	22.00
		6	0	21.35	21.46	21.44	22.00
	64QAM	1	0	20.94	20.98	21.53	22.00
		1	2	21.13	21.57	21.28	22.00
		1	5	21.34	21.47	21.34	22.00
		3	0	21.42	21.46	21.44	22.00
		3	2	21.51	21.54	21.23	22.00
		3	3	21.43	21.41	21.33	22.00
		6	0	21.41	21.39	21.25	22.00

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26705	26865	27025	
3MHz	QPSK	1	0	21.23	21.68	21.22	22.00
		1	7	21.26	21.30	21.47	22.00
		1	14	21.28	21.45	21.33	22.00
		8	0	21.49	21.49	21.34	22.00
		8	4	21.51	21.46	21.48	22.00
		8	7	21.28	21.39	21.46	22.00
		15	0	21.56	21.43	21.36	22.00
	16QAM	1	0	21.72	21.48	21.53	22.00
		1	7	21.35	21.70	21.74	22.00
		1	14	21.40	21.46	21.05	22.00
		8	0	21.34	21.50	21.31	22.00
		8	4	21.54	21.46	21.47	22.00
		8	7	21.28	21.49	21.41	22.00
		15	0	21.42	21.37	21.36	22.00
	64QAM	1	0	21.04	20.91	21.46	22.00
		1	7	21.14	21.40	21.40	22.00
		1	14	21.35	21.51	21.29	22.00
		8	0	21.38	21.46	21.36	22.00
		8	4	21.51	21.43	21.31	22.00
		8	7	21.38	21.33	21.32	22.00
		15	0	21.45	21.40	21.38	22.00

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26715	26865	27015	
5MHz	QPSK	1	0	21.31	21.67	21.30	22.00
		1	13	21.24	21.26	21.37	22.00
		1	24	21.16	21.34	21.29	22.00
		12	0	21.42	21.46	21.36	22.00
		12	6	21.47	21.42	21.32	22.00
		12	13	21.40	21.43	21.36	22.00
		25	0	21.46	21.36	21.43	22.00
	16QAM	1	0	21.73	21.51	21.64	22.00
		1	13	21.46	21.63	21.73	22.00

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		1	24	21.45	21.48	21.13	22.00
		12	0	21.38	21.55	21.44	22.00
		12	6	21.48	21.49	21.43	22.00
		12	13	21.21	21.53	21.34	22.00
		25	0	21.44	21.47	21.31	22.00
	64QAM	1	0	20.95	21.02	21.59	22.00
		1	13	21.18	21.58	21.28	22.00
		1	24	21.39	21.61	21.24	22.00
		12	0	21.40	21.47	21.40	22.00
		12	6	21.39	21.48	21.22	22.00
		12	13	21.27	21.45	21.27	22.00
		25	0	21.47	21.45	21.36	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26740	26865	26990	
10MHz	QPSK	1	0	21.30	21.64	21.31	22.00
		1	25	21.14	21.33	21.35	22.00
		1	49	21.32	21.42	21.18	22.00
		25	0	21.34	21.51	21.35	22.00
		25	13	21.58	21.49	21.34	22.00
		25	25	21.28	21.44	21.28	22.00
		50	0	21.52	21.44	21.43	22.00
	16QAM	1	0	21.63	21.53	21.71	22.00
		1	25	21.40	21.77	21.76	22.00
		1	49	21.27	21.52	21.05	22.00
		25	0	21.42	21.41	21.43	22.00
		25	13	21.37	21.35	21.43	22.00
		25	25	21.20	21.42	21.44	22.00
		50	0	21.41	21.43	21.45	22.00
	64QAM	1	0	21.04	20.84	21.51	22.00
		1	25	21.14	21.42	21.43	22.00
		1	49	21.32	21.53	21.33	22.00
		25	0	21.38	21.46	21.41	22.00
		25	13	21.45	21.40	21.21	22.00
		25	25	21.43	21.26	21.26	22.00
		50	0	21.39	21.30	21.28	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26765	26865	26965	
15MHz	QPSK	1	0	21.27	21.73	21.27	22.00
		1	38	21.24	21.24	21.40	22.00
		1	74	21.23	21.39	21.23	22.00
		36	0	21.40	21.50	21.30	22.00
		36	18	21.49	21.44	21.38	22.00
		36	39	21.32	21.47	21.36	22.00

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		75	0	21.47	21.40	21.38	22.00
	16QAM	1	0	21.69	21.50	21.62	22.00
		1	38	21.45	21.72	21.77	22.00
		1	74	21.37	21.52	21.15	22.00
		36	0	21.34	21.46	21.35	22.00
		36	18	21.45	21.45	21.39	22.00
		36	39	21.30	21.51	21.40	22.00
		75	0	21.43	21.41	21.40	22.00
	64QAM	1	0	21.04	20.93	21.56	22.00
		1	38	21.22	21.49	21.38	22.00
		1	74	21.41	21.53	21.27	22.00
		36	0	20.81	20.94	20.76	22.00
		36	18	20.78	20.85	20.80	22.00
		36	39	20.84	20.73	20.74	22.00
		75	0	20.68	20.81	20.80	22.00

LTE Band 26 state10				**Conducted Power(dBm)**			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26697	26865	27033	
1.4MHz	QPSK	1	0	21.69	21.74	21.96	22.50
		1	2	21.97	22.08	21.76	22.50
		1	5	21.92	21.91	22.03	22.50
		3	0	21.94	22.04	21.95	22.50
		3	2	21.93	21.86	22.01	22.50
		3	3	21.94	21.98	21.91	22.50
		6	0	22.10	21.94	21.98	22.50
	16QAM	1	0	22.17	22.18	21.39	22.50
		1	2	21.93	22.15	21.93	22.50
		1	5	21.47	22.15	22.01	22.50
		3	0	21.95	22.10	22.06	22.50
		3	2	21.98	22.05	21.91	22.50
		3	3	21.91	22.04	21.91	22.50
		6	0	21.94	21.97	22.02	22.50
	64QAM	1	0	21.69	22.06	22.08	22.50
		1	2	22.20	21.91	21.97	22.50
		1	5	21.83	21.80	21.85	22.50
		3	0	21.77	21.82	21.80	22.50
		3	2	21.73	21.56	21.70	22.50
		3	3	21.71	21.80	21.79	22.50
		6	0	20.76	20.70	20.65	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up

				26705	26865	27025	
3MHz	QPSK	1	0	21.85	21.70	21.98	22.50
		1	7	21.86	21.92	21.90	22.50
		1	14	21.93	22.00	22.06	22.50
		8	0	21.99	21.98	22.04	22.50
		8	4	21.91	21.95	22.05	22.50
		8	7	22.06	22.08	21.94	22.50
		15	0	22.07	21.91	21.88	22.50
	16QAM	1	0	22.13	22.06	21.41	22.50
		1	7	22.08	22.15	21.80	22.50
		1	14	21.56	22.16	21.97	22.50
		8	0	21.96	22.07	22.07	22.50
		8	4	21.94	21.93	21.92	22.50
		8	7	21.93	21.87	21.94	22.50
		15	0	21.96	21.90	21.89	22.50
	64QAM	1	0	21.77	22.01	22.01	22.50
		1	7	22.11	22.00	21.81	22.50
		1	14	21.75	21.88	21.92	22.50
		8	0	20.86	20.72	20.81	22.00
		8	4	20.68	20.66	20.64	22.00
		8	7	20.84	20.78	20.85	22.00
		15	0	20.70	20.60	20.60	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26715	26865	27015	
5MHz	QPSK	1	0	21.75	21.62	22.04	22.50
		1	13	21.88	21.95	21.83	22.50
		1	24	21.75	21.86	21.90	22.50
		12	0	21.85	21.96	22.05	22.50
		12	6	22.04	21.92	22.07	22.50
		12	13	21.88	22.05	21.91	22.50
		25	0	22.07	22.01	21.97	22.50
	16QAM	1	0	22.02	22.21	21.39	22.50
		1	13	21.98	22.22	21.88	22.50
		1	24	21.51	22.11	22.07	22.50
		12	0	21.92	21.96	21.97	22.50
		12	6	21.90	22.05	21.97	22.50
		12	13	21.95	22.01	21.79	22.50
		25	0	21.93	21.97	21.97	22.50
	64QAM	1	0	21.79	21.94	22.09	22.50
		1	13	22.19	21.96	21.93	22.50
		1	24	21.73	21.91	21.93	22.50
		12	0	20.77	20.70	20.76	22.00
		12	6	20.67	20.63	20.75	22.00

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		12	13	20.69	20.87	20.90	22.00
		25	0	20.67	20.74	20.64	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26740	26865	26990	
10MHz	QPSK	1	0	21.67	21.68	22.16	22.50
		1	25	21.85	21.96	21.78	22.50
		1	49	21.88	21.83	22.00	22.50
		25	0	22.04	21.90	21.94	22.50
		25	13	21.96	22.05	22.11	22.50
		25	25	21.92	21.92	21.93	22.50
		50	0	21.95	21.91	22.02	22.50
	16QAM	1	0	21.98	22.11	21.38	22.50
		1	25	21.93	21.98	21.76	22.50
		1	49	21.49	22.14	21.96	22.50
		25	0	21.98	21.99	22.09	22.50
		25	13	21.91	21.89	22.03	22.50
		25	25	21.86	21.88	21.92	22.50
		50	0	21.97	21.88	22.05	22.50
	64QAM	1	0	21.74	21.91	22.12	22.50
		1	25	22.22	22.07	21.88	22.50
		1	49	21.85	21.92	21.79	22.50
		25	0	20.70	20.74	20.78	22.00
		25	13	20.71	20.65	20.69	22.00
		25	25	20.70	20.84	20.71	22.00
		50	0	20.72	20.70	20.73	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26765	26865	26965	
15MHz	QPSK	1	0	21.80	21.71	22.06	22.50
		1	38	21.96	22.04	21.88	22.50
		1	74	21.90	21.95	22.02	22.50
		36	0	21.99	22.03	22.02	22.50
		36	18	22.05	22.01	22.06	22.50
		36	39	22.02	22.06	21.97	22.50
		75	0	22.10	22.06	21.98	22.50
	16QAM	1	0	22.13	22.16	21.50	22.50
		1	38	22.04	22.22	21.90	22.50
		1	74	21.56	22.30	22.03	22.50
		36	0	21.95	22.08	22.04	22.50
		36	18	22.02	22.04	22.01	22.50
		36	39	21.98	22.02	21.93	22.50
		75	0	22.06	22.01	22.04	22.50
	64QAM	1	0	21.83	22.05	22.09	22.50
		1	38	22.20	22.05	21.95	22.50

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		1	74	21.82	21.94	21.90	22.50
		36	0	20.81	20.82	20.82	22.00
		36	18	20.82	20.69	20.78	22.00
		36	39	20.84	20.90	20.86	22.00
		75	0	20.71	20.73	20.73	22.00

3 Conducted Power of Main Antenna (Ant3)

3.1 Conducted Power of GSM

GSM 1900 state3										
Burst Output Power(dBm)						Division Factors	Frame-Average Output Power(dBm)			
Channel		512	661	810	Tune up		512	661	810	Tune up
GSM(GMSK)	GSM	29.61	29.67	29.69	30.50	-9.19	20.42	20.48	20.50	21.31
GPRS (GMSK)	1 TX Slot	29.59	29.62	29.77	30.50	-9.19	20.40	20.43	20.58	21.31
	2 TX Slots	27.04	26.82	26.89	28.00	-6.18	20.86	20.64	20.71	21.82
	3 TX Slots	25.83	25.35	25.21	26.50	-4.42	21.41	20.93	20.79	22.08
	4 TX Slots	24.43	23.99	23.89	25.50	-3.17	21.26	20.82	20.72	22.33
EGPRS (GMSK)	1 TX Slot	29.56	29.69	29.87	30.50	-9.19	20.37	20.50	20.68	21.31
	2 TX Slots	27.01	26.82	26.85	28.00	-6.18	20.83	20.64	20.67	21.82
	3 TX Slots	25.73	25.39	25.27	26.50	-4.42	21.31	20.97	20.85	22.08
	4 TX Slots	24.37	23.98	23.92	25.50	-3.17	21.20	20.81	20.75	22.33
EGPRS (8PSK)	1 TX Slot	26.24	25.92	25.93	27.00	-9.19	17.05	16.73	16.74	17.81
	2 TX Slots	23.95	23.57	23.38	24.50	-6.18	17.77	17.39	17.20	18.32
	3 TX Slots	22.17	21.79	21.60	23.00	-4.42	17.75	17.37	17.18	18.58
	4 TX Slots	21.59	21.43	21.37	22.50	-3.17	18.42	18.26	18.20	19.33

GSM 1900 state5/10										
Burst Output Power(dBm)						Division Factors	Frame-Average Output Power(dBm)			
Channel		512	661	810	Tune up		512	661	810	Tune up
GSM(GMSK)	GSM	26.96	26.49	26.46	27.50	-9.19	17.77	17.30	17.27	18.31
GPRS (GMSK)	1 TX Slot	27.02	26.39	26.40	27.50	-9.19	17.83	17.20	17.21	18.31
	2 TX Slots	23.35	23.52	23.56	25.00	-6.18	17.17	17.34	17.38	18.82
	3 TX Slots	21.59	22.22	22.27	23.50	-4.42	17.17	17.80	17.85	19.08
	4 TX Slots	20.70	20.76	20.80	22.50	-3.17	17.53	17.59	17.63	19.33
EGPRS (GMSK)	1 TX Slot	27.06	26.31	26.37	27.50	-9.19	17.87	17.12	17.18	18.31
	2 TX Slots	23.30	23.50	23.61	25.00	-6.18	17.12	17.32	17.43	18.82
	3 TX Slots	21.68	22.31	22.26	23.50	-4.42	17.26	17.89	17.84	19.08
	4 TX Slots	20.78	20.81	20.85	22.50	-3.17	17.61	17.64	17.68	19.33
EGPRS (8PSK)	1 TX Slot	26.08	25.91	25.96	27.00	-9.19	16.89	16.72	16.77	17.81
	2 TX Slots	23.86	23.42	23.48	24.50	-6.18	17.68	17.24	17.30	18.32
	3 TX Slots	22.10	21.60	21.42	23.00	-4.42	17.68	17.18	17.00	18.58
	4 TX Slots	21.42	21.54	21.21	22.50	-3.17	18.25	18.37	18.04	19.33

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GSM 1900 state8										
Burst Output Power(dBm)						Division Factors	Frame-Average Output Power(dBm)			
Channel		512	661	810	Tune up		512	661	810	Tune up
GSM(GMSK)	GSM	28.69	28.10	28.25	29.00	-9.19	19.50	18.91	19.06	19.81
GPRS (GMSK)	1 TX Slot	28.61	28.02	28.27	29.00	-9.19	19.42	18.83	19.08	19.81
	2 TX Slots	25.61	25.03	25.06	26.50	-6.18	19.43	18.85	18.88	20.32
	3 TX Slots	23.31	23.22	23.17	25.00	-4.42	18.89	18.80	18.75	20.58
	4 TX Slots	22.28	22.15	22.43	24.00	-3.17	19.11	18.98	19.26	20.83
EGPRS (GMSK)	1 TX Slot	28.62	28.03	28.25	29.00	-9.19	19.43	18.84	19.06	19.81
	2 TX Slots	25.71	25.09	25.02	26.50	-6.18	19.53	18.91	18.84	20.32
	3 TX Slots	23.34	23.12	23.21	25.00	-4.42	18.92	18.70	18.79	20.58
	4 TX Slots	22.22	22.25	22.47	24.00	-3.17	19.05	19.08	19.30	20.83
EGPRS (8PSK)	1 TX Slot	25.97	25.83	25.76	27.00	-9.19	16.78	16.64	16.57	17.81
	2 TX Slots	23.76	23.47	23.33	24.50	-6.18	17.58	17.29	17.15	18.32
	3 TX Slots	22.04	21.52	21.45	23.00	-4.42	17.62	17.10	17.03	18.58
	4 TX Slots	21.39	21.34	21.22	22.50	-3.17	18.22	18.17	18.05	19.33

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3.2 Conducted Power of WCDMA

WCDMA Band II state3					
Average Conducted Power(dBm)					
Channel		9262	9400	9538	Tune up
WCDMA	12.2kbps RMC	20.35	20.33	20.40	20.80
	12.2kbps AMR	20.40	20.32	20.31	20.80
HSDPA	Subtest 1	19.74	19.75	19.77	19.80
	Subtest 2	19.74	19.70	19.75	19.80
	Subtest 3	18.93	18.91	18.98	19.30
	Subtest 4	18.95	18.91	18.97	19.30
HSUPA	Subtest 1	19.95	19.45	19.47	20.00
	Subtest 2	17.42	17.43	17.46	18.00
	Subtest 3	18.44	18.43	18.46	19.00
	Subtest 4	17.43	17.41	17.45	18.00
	Subtest 5	19.91	19.93	19.95	20.00
DC-HSDPA	Subtest 1	19.64	19.76	19.79	19.80
	Subtest 2	19.79	19.61	19.79	19.80
	Subtest 3	18.78	19.01	19.06	19.30
	Subtest 4	18.90	18.91	18.94	19.30
HSPA+	16QAM	17.68	17.66	17.65	18.80

WCDMA Band II state5/8					
Average Conducted Power(dBm)					
Channel		9262	9400	9538	Tune up
WCDMA	12.2kbps RMC	18.29	18.30	18.32	18.80
	12.2kbps AMR	18.24	18.36	18.31	18.80
HSDPA	Subtest 1	17.65	17.66	17.68	17.80
	Subtest 2	17.67	17.70	17.70	17.80
	Subtest 3	16.84	16.85	16.86	17.30
	Subtest 4	16.85	16.82	16.86	17.30
HSUPA	Subtest 1	17.89	17.51	17.56	18.00
	Subtest 2	15.35	15.34	15.36	16.00
	Subtest 3	16.34	16.34	16.37	17.00
	Subtest 4	15.36	15.33	15.35	16.00
	Subtest 5	17.88	17.87	17.88	18.00
DC-HSDPA	Subtest 1	17.73	17.71	17.58	17.80
	Subtest 2	17.57	17.62	17.71	17.80
	Subtest 3	16.77	16.79	16.80	17.30
	Subtest 4	16.82	16.82	16.86	17.30
HSPA+	16QAM	15.59	15.52	15.54	16.80

WCDMA Band II state10					
Average Conducted Power(dBm)					
Channel		9262	9400	9538	Tune up
WCDMA	12.2kbps RMC	17.35	17.36	17.35	17.80
	12.2kbps AMR	17.43	17.39	17.43	17.80
HSDPA	Subtest 1	16.77	16.70	16.76	16.80
	Subtest 2	16.76	16.75	16.77	16.80
	Subtest 3	15.95	15.93	15.95	16.30
	Subtest 4	16.00	15.92	15.98	16.30
HSUPA	Subtest 1	16.93	16.96	16.98	17.00
	Subtest 2	14.42	14.46	14.47	15.00
	Subtest 3	15.47	15.46	15.47	16.00
	Subtest 4	14.46	14.45	14.49	15.00
	Subtest 5	16.92	16.94	16.97	17.00
DC-HSDPA	Subtest 1	16.71	16.63	16.75	16.80
	Subtest 2	16.78	16.70	16.67	16.80
	Subtest 3	16.05	15.86	15.85	16.30
	Subtest 4	16.09	15.85	15.91	16.30
HSPA+	16QAM	14.68	14.67	14.70	15.80

WCDMA Band IV state3					
Average Conducted Power(dBm)					
Channel		1312	1412	1513	Tune up
WCDMA	12.2kbps RMC	21.89	21.95	21.87	22.30
	12.2kbps AMR	21.87	21.95	21.78	22.30
HSDPA	Subtest 1	21.21	21.23	21.21	21.30
	Subtest 2	21.17	21.24	21.18	21.30
	Subtest 3	20.44	20.50	20.45	20.80
	Subtest 4	20.44	20.50	20.43	20.80
HSUPA	Subtest 1	20.93	20.98	20.95	21.50
	Subtest 2	18.92	18.95	18.93	19.50
	Subtest 3	19.91	19.95	19.93	20.50
	Subtest 4	18.92	18.98	18.90	19.50
	Subtest 5	21.15	21.23	21.18	21.50
DC-HSDPA	Subtest 1	21.15	21.08	21.09	21.30
	Subtest 2	21.27	21.29	21.20	21.30
	Subtest 3	20.59	20.61	20.55	20.80
	Subtest 4	20.55	20.44	20.29	20.80
HSPA+	16QAM	19.12	19.20	19.09	20.30

WCDMA Band IV state5					
Average Conducted Power(dBm)					
Channel		1312	1412	1513	Tune up
WCDMA	12.2kbps RMC	18.22	18.33	18.23	18.80
	12.2kbps AMR	18.18	18.35	18.26	18.80
HSDPA	Subtest 1	17.59	17.63	17.62	17.80
	Subtest 2	17.58	17.64	17.61	17.80
	Subtest 3	16.84	16.89	16.90	17.30
	Subtest 4	16.82	16.88	16.86	17.30
HSUPA	Subtest 1	17.50	17.89	17.53	18.00
	Subtest 2	15.30	15.42	15.36	16.00
	Subtest 3	16.30	16.41	16.36	17.00
	Subtest 4	15.31	15.41	15.37	16.00
	Subtest 5	17.56	17.63	17.59	18.00
DC-HSDPA	Subtest 1	17.51	17.69	17.66	17.80
	Subtest 2	17.68	17.74	17.67	17.80
	Subtest 3	16.79	16.98	16.91	17.30
	Subtest 4	16.84	16.94	16.80	17.30
HSPA+	16QAM	15.54	15.65	15.58	16.80

WCDMA Band IV state8					
Average Conducted Power(dBm)					
Channel		1312	1412	1513	Tune up
WCDMA	12.2kbps RMC	19.79	19.87	19.77	20.30
	12.2kbps AMR	19.72	19.78	19.80	20.30
HSDPA	Subtest 1	19.18	19.24	19.17	19.30
	Subtest 2	19.18	19.24	19.18	19.30
	Subtest 3	18.43	18.50	18.47	18.80
	Subtest 4	18.38	18.46	18.43	18.80
HSUPA	Subtest 1	19.22	19.01	18.97	19.50
	Subtest 2	16.95	17.01	16.96	17.50
	Subtest 3	17.91	17.98	17.97	18.50
	Subtest 4	16.94	17.01	17.00	17.50
	Subtest 5	19.17	19.25	19.22	19.50
DC-HSDPA	Subtest 1	19.15	19.23	19.11	19.30
	Subtest 2	19.20	19.28	19.14	19.30
	Subtest 3	18.47	18.52	18.47	18.80
	Subtest 4	18.45	18.44	18.34	18.80
HSPA+	16QAM	17.19	17.22	17.24	18.30

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[illegible]

WCDMA Band IV state10					
Average Conducted Power(dBm)					
Channel		1312	1412	1513	Tune up
WCDMA	12.2kbps RMC	17.31	17.45	17.37	17.80
	12.2kbps AMR	17.22	17.39	17.38	17.80
HSDPA	Subtest 1	16.67	16.77	16.70	16.80
	Subtest 2	16.67	16.77	16.71	16.80
	Subtest 3	15.91	16.04	15.90	16.30
	Subtest 4	15.90	16.02	15.91	16.30
HSUPA	Subtest 1	16.71	16.79	16.74	17.00
	Subtest 2	14.44	14.52	14.48	15.00
	Subtest 3	15.41	15.51	15.50	16.00
	Subtest 4	14.44	14.51	14.47	15.00
	Subtest 5	16.68	16.78	16.76	17.00
DC-HSDPA	Subtest 1	16.59	16.71	16.64	16.80
	Subtest 2	16.60	16.76	16.77	16.80
	Subtest 3	15.81	15.97	15.80	16.30
	Subtest 4	16.00	16.06	15.97	16.30
HSPA+	16QAM	14.66	14.74	14.66	15.80

3.3 Conducted Power of LTE

LTE Band 2 state3				**Conducted Power(dBm)**			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18607	18900	19193	
1.4MHz	QPSK	1	0	20.14	20.33	20.23	21.00
		1	2	20.14	20.33	20.15	21.00
		1	5	20.06	20.30	20.29	21.00
		3	0	20.30	20.30	20.25	21.00
		3	2	20.42	20.29	20.19	21.00
		3	3	20.36	20.44	20.30	21.00
		6	0	20.29	20.24	20.31	21.00
	16QAM	1	0	20.42	20.54	20.33	21.00
		1	2	20.43	20.54	20.41	21.00
		1	5	20.49	20.36	20.38	21.00
		3	0	20.28	20.23	20.37	21.00
		3	2	20.41	20.39	20.19	21.00
		3	3	20.42	20.36	20.32	21.00
		6	0	20.39	20.34	20.12	21.00
	64QAM	1	0	20.12	20.18	20.28	21.00
		1	2	20.32	20.40	20.22	21.00
		1	5	20.13	20.15	20.10	21.00
		3	0	20.44	20.21	20.32	21.00
		3	2	20.38	20.35	20.29	21.00
		3	3	20.19	20.37	20.42	21.00
		6	0	20.22	20.40	20.19	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18615	18900	19185	
3MHz	QPSK	1	0	20.25	20.32	20.21	21.00
		1	7	20.17	20.25	20.25	21.00
		1	14	20.03	20.18	20.30	21.00
		8	0	20.22	20.40	20.35	21.00
		8	4	20.38	20.25	20.26	21.00
		8	7	20.43	20.42	20.25	21.00
		15	0	20.36	20.26	20.26	21.00
	16QAM	1	0	20.51	20.54	20.39	21.00
		1	7	20.39	20.61	20.30	21.00
		1	14	20.34	20.44	20.42	21.00
		8	0	20.30	20.21	20.31	21.00
		8	4	20.30	20.31	20.23	21.00
		8	7	20.30	20.30	20.19	21.00
		15	0	20.37	20.21	20.23	21.00

	64QAM	1	0	20.24	20.30	20.23	21.00
		1	7	20.27	20.27	20.22	21.00
		1	14	20.00	20.29	20.13	21.00
		8	0	20.25	20.21	20.24	21.00
		8	4	20.27	20.39	20.26	21.00
		8	7	20.35	20.42	20.27	21.00
		15	0	20.37	20.40	20.35	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18625	18900	19175	
5MHz	QPSK	1	0	20.27	20.24	20.19	21.00
		1	13	20.11	20.22	20.20	21.00
		1	24	20.04	20.22	20.24	21.00
		12	0	20.18	20.29	20.35	21.00
		12	6	20.22	20.15	20.33	21.00
		12	13	20.39	20.33	20.27	21.00
		25	0	20.44	20.10	20.18	21.00
	16QAM	1	0	20.45	20.37	20.42	21.00
		1	13	20.47	20.67	20.29	21.00
		1	24	20.46	20.46	20.39	21.00
		12	0	20.29	20.26	20.23	21.00
		12	6	20.47	20.25	20.12	21.00
		12	13	20.38	20.28	20.19	21.00
		25	0	20.33	20.28	20.16	21.00
	64QAM	1	0	20.05	20.21	20.20	21.00
		1	13	20.24	20.43	20.28	21.00
		1	24	20.08	20.14	20.00	21.00
		12	0	20.37	20.33	20.40	21.00
		12	6	20.39	20.41	20.28	21.00
		12	13	20.19	20.38	20.40	21.00
		25	0	20.30	20.31	20.33	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18650	18900	19150	
10MHz	QPSK	1	0	20.22	20.29	20.22	21.00
		1	25	20.19	20.24	20.15	21.00
		1	49	20.01	20.24	20.34	21.00
		25	0	20.30	20.41	20.31	21.00
		25	13	20.24	20.24	20.21	21.00
		25	25	20.45	20.43	20.32	21.00
		50	0	20.34	20.15	20.26	21.00
	16QAM	1	0	20.49	20.48	20.49	21.00
		1	25	20.38	20.54	20.42	21.00
		1	49	20.37	20.46	20.51	21.00
		25	0	20.36	20.13	20.33	21.00

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		25	13	20.47	20.28	20.15	21.00
		25	25	20.37	20.32	20.21	21.00
		50	0	20.28	20.19	20.16	21.00
	64QAM	1	0	20.16	20.21	20.15	21.00
		1	25	20.38	20.28	20.28	21.00
		1	49	20.10	20.14	20.06	21.00
		25	0	20.28	20.24	20.32	21.00
		25	13	20.43	20.31	20.33	21.00
		25	25	20.34	20.26	20.37	21.00
		50	0	20.33	20.32	20.30	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18675	18900	19125	
15MHz	QPSK	1	0	20.20	20.25	20.20	21.00
		1	38	20.06	20.25	20.28	21.00
		1	74	20.08	20.28	20.33	21.00
		36	0	20.20	20.43	20.35	21.00
		36	18	20.29	20.29	20.36	21.00
		36	39	20.46	20.37	20.40	21.00
		75	0	20.43	20.15	20.19	21.00
	16QAM	1	0	20.36	20.42	20.35	21.00
		1	38	20.44	20.63	20.35	21.00
		1	74	20.44	20.50	20.42	21.00
		36	0	20.28	20.17	20.30	21.00
		36	18	20.37	20.26	20.27	21.00
		36	39	20.32	20.42	20.21	21.00
		75	0	20.33	20.26	20.32	21.00
	64QAM	1	0	20.25	20.18	20.28	21.00
		1	38	20.31	20.42	20.41	21.00
		1	74	20.04	20.30	20.05	21.00
		36	0	20.37	20.29	20.34	21.00
		36	18	20.34	20.42	20.29	21.00
		36	39	20.35	20.28	20.32	21.00
		75	0	20.39	20.40	20.28	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18700	18900	19100	
20MHz	QPSK	1	0	20.19	20.29	20.15	21.00
		1	50	20.12	20.25	20.24	21.00
		1	99	20.09	20.24	20.29	21.00
		50	0	20.28	20.37	20.25	21.00
		50	25	20.32	20.25	20.29	21.00
		50	50	20.36	20.35	20.32	21.00
		100	0	20.37	20.16	20.23	21.00
	16QAM	1	0	20.44	20.46	20.39	21.00

		1	50	20.46	20.58	20.38	21.00
		1	99	20.40	20.43	20.41	21.00
		50	0	20.30	20.23	20.27	21.00
		50	25	20.40	20.31	20.21	21.00
		50	50	20.36	20.33	20.27	21.00
		100	0	20.31	20.26	20.22	21.00
	64QAM	1	0	20.15	20.24	20.24	21.00
		1	50	20.28	20.33	20.31	21.00
		1	99	20.08	20.23	20.05	21.00
		50	0	20.35	20.23	20.30	21.00
		50	25	20.35	20.32	20.26	21.00
		50	50	20.27	20.32	20.33	21.00
		100	0	20.31	20.33	20.28	21.00

LTE Band 2 state5				**Conducted Power(dBm)**			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18607	18900	19193	
1.4MHz	QPSK	1	0	18.07	18.71	18.42	19.00
		1	2	18.19	18.31	18.22	19.00
		1	5	17.98	18.01	18.23	19.00
		3	0	18.39	18.28	18.16	19.00
		3	2	18.27	18.15	18.13	19.00
		3	3	18.22	18.24	18.11	19.00
		6	0	18.29	18.40	18.19	19.00
	16QAM	1	0	18.30	18.62	18.50	19.00
		1	2	18.13	18.83	18.65	19.00
		1	5	18.65	18.57	18.45	19.00
		3	0	18.27	18.26	18.20	19.00
		3	2	18.34	18.32	18.19	19.00
		3	3	18.50	18.40	18.28	19.00
		6	0	18.27	18.27	18.23	19.00
	64QAM	1	0	18.41	18.03	18.46	19.00
		1	2	18.30	18.33	18.05	19.00
		1	5	18.20	18.33	18.18	19.00
		3	0	18.45	18.36	18.13	19.00
		3	2	18.27	18.31	18.27	19.00
		3	3	18.44	18.44	18.34	19.00
		6	0	18.28	18.31	18.08	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18615	18900	19185	
3MHz	QPSK	1	0	18.06	18.73	18.48	19.00
		1	7	18.17	18.38	18.14	19.00

		1	14	18.14	18.00	18.21	19.00
		8	0	18.38	18.39	18.30	19.00
		8	4	18.26	18.27	18.23	19.00
		8	7	18.26	18.29	18.21	19.00
		15	0	18.12	18.39	18.12	19.00
	16QAM	1	0	18.49	18.51	18.50	19.00
		1	7	18.15	18.79	18.56	19.00
		1	14	18.51	18.74	18.35	19.00
		8	0	18.38	18.31	18.25	19.00
		8	4	18.32	18.41	18.20	19.00
		8	7	18.33	18.45	18.43	19.00
		15	0	18.36	18.26	18.19	19.00
	64QAM	1	0	18.39	18.18	18.41	19.00
		1	7	18.27	18.33	18.24	19.00
		1	14	18.27	18.38	18.24	19.00
		8	0	18.28	18.37	18.14	19.00
		8	4	18.42	18.23	18.17	19.00
		8	7	18.32	18.42	18.49	19.00
		15	0	18.39	18.40	18.24	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18625	18900	19175	
5MHz	QPSK	1	0	18.03	18.74	18.31	19.00
		1	13	18.07	18.38	18.06	19.00
		1	24	17.95	18.09	18.23	19.00
		12	0	18.20	18.32	18.24	19.00
		12	6	18.19	18.30	18.14	19.00
		12	13	18.37	18.14	18.17	19.00
		25	0	18.19	18.30	18.16	19.00
	16QAM	1	0	18.29	18.53	18.47	19.00
		1	13	18.18	18.79	18.66	19.00
		1	24	18.54	18.75	18.45	19.00
		12	0	18.42	18.24	18.34	19.00
		12	6	18.27	18.32	18.19	19.00
		12	13	18.39	18.44	18.29	19.00
		25	0	18.34	18.28	18.31	19.00
	64QAM	1	0	18.44	18.14	18.44	19.00
		1	13	18.25	18.36	18.17	19.00
		1	24	18.15	18.45	18.33	19.00
		12	0	18.27	18.38	18.20	19.00
		12	6	18.26	18.20	18.16	19.00
		12	13	18.34	18.42	18.42	19.00
		25	0	18.30	18.35	18.07	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up

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				18650	18900	19150	
10MHz	QPSK	1	0	18.01	18.64	18.33	19.00
		1	25	18.19	18.34	18.11	19.00
		1	49	18.07	18.01	18.15	19.00
		25	0	18.31	18.39	18.16	19.00
		25	13	18.17	18.30	18.20	19.00
		25	25	18.32	18.15	18.13	19.00
		50	0	18.13	18.26	18.28	19.00
	16QAM	1	0	18.32	18.62	18.57	19.00
		1	25	18.25	18.71	18.47	19.00
		1	49	18.57	18.61	18.36	19.00
		25	0	18.27	18.34	18.38	19.00
		25	13	18.22	18.36	18.20	19.00
		25	25	18.36	18.43	18.38	19.00
		50	0	18.30	18.31	18.30	19.00
	64QAM	1	0	18.43	18.05	18.54	19.00
		1	25	18.35	18.48	18.12	19.00
		1	49	18.26	18.48	18.20	19.00
		25	0	18.26	18.33	18.10	19.00
		25	13	18.41	18.24	18.32	19.00
		25	25	18.40	18.43	18.33	19.00
		50	0	18.43	18.34	18.16	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18675	18900	19125	
15MHz	QPSK	1	0	18.15	18.66	18.41	19.00
		1	38	18.08	18.36	18.08	19.00
		1	74	18.07	18.07	18.07	19.00
		36	0	18.26	18.42	18.14	19.00
		36	18	18.14	18.34	18.23	19.00
		36	39	18.20	18.28	18.14	19.00
		75	0	18.12	18.29	18.10	19.00
	16QAM	1	0	18.32	18.56	18.59	19.00
		1	38	18.21	18.73	18.53	19.00
		1	74	18.53	18.65	18.40	19.00
		36	0	18.28	18.28	18.29	19.00
		36	18	18.24	18.35	18.18	19.00
		36	39	18.50	18.49	18.38	19.00
		75	0	18.27	18.20	18.19	19.00
	64QAM	1	0	18.44	18.05	18.60	19.00
		1	38	18.23	18.41	18.07	19.00
		1	74	18.07	18.39	18.23	19.00
		36	0	18.32	18.27	18.27	19.00
		36	18	18.34	18.37	18.15	19.00

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		36	39	18.41	18.42	18.50	19.00
		75	0	18.33	18.29	18.13	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18700	18900	19100	
20MHz	QPSK	1	0	18.11	18.68	18.41	19.00
		1	50	18.10	18.38	18.15	19.00
		1	99	18.05	18.06	18.17	19.00
		50	0	18.29	18.36	18.20	19.00
		50	25	18.23	18.25	18.20	19.00
		50	50	18.27	18.23	18.20	19.00
		100	0	18.20	18.34	18.18	19.00
	16QAM	1	0	18.39	18.52	18.57	19.00
		1	50	18.21	18.78	18.57	19.00
		1	99	18.55	18.66	18.40	19.00
		50	0	18.36	18.29	18.28	19.00
		50	25	18.32	18.32	18.15	19.00
		50	50	18.41	18.41	18.34	19.00
		100	0	18.35	18.26	18.28	19.00
	64QAM	1	0	18.42	18.11	18.50	19.00
		1	50	18.26	18.42	18.14	19.00
		1	99	18.17	18.41	18.25	19.00
		50	0	18.36	18.28	18.17	19.00
		50	25	18.36	18.29	18.24	19.00
		50	50	18.40	18.37	18.40	19.00
		100	0	18.35	18.31	18.17	19.00

LTE Band 2 state8				**Conducted Power(dBm)**			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18607	18900	19193	
1.4MHz	QPSK	1	0	18.90	19.13	18.86	19.50
		1	2	19.09	18.70	18.81	19.50
		1	5	18.75	18.62	18.76	19.50
		3	0	18.87	19.05	18.79	19.50
		3	2	19.05	18.79	18.71	19.50
		3	3	19.00	18.80	18.80	19.50
		6	0	18.92	18.83	18.74	19.50
	16QAM	1	0	18.40	18.84	19.04	19.50
		1	2	19.02	19.23	19.06	19.50
		1	5	19.08	19.03	18.74	19.50
		3	0	18.83	18.79	18.92	19.50
		3	2	19.07	18.73	18.78	19.50

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		3	3	18.97	19.04	19.02	19.50
		6	0	18.84	18.69	18.82	19.50
	64QAM	1	0	18.71	18.95	18.84	19.50
		1	2	18.89	18.60	18.83	19.50
		1	5	18.92	18.85	18.75	19.50
		3	0	18.87	18.78	18.73	19.50
		3	2	18.98	18.75	18.82	19.50
		3	3	18.88	18.90	18.81	19.50
		6	0	18.77	18.74	18.68	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18615	18900	19185	
3MHz	QPSK	1	0	18.83	19.24	18.88	19.50
		1	7	19.07	18.69	18.62	19.50
		1	14	18.86	18.61	18.68	19.50
		8	0	18.98	19.07	18.78	19.50
		8	4	18.89	18.84	18.74	19.50
		8	7	18.95	18.92	18.89	19.50
		15	0	18.87	18.76	18.77	19.50
	16QAM	1	0	18.37	18.91	19.04	19.50
		1	7	18.94	19.29	18.99	19.50
		1	14	18.98	18.97	18.72	19.50
		8	0	18.88	18.70	18.88	19.50
		8	4	19.04	18.77	18.84	19.50
		8	7	18.79	19.04	19.02	19.50
		15	0	18.86	18.74	18.72	19.50
	64QAM	1	0	18.76	18.86	18.72	19.50
		1	7	18.93	18.56	18.84	19.50
		1	14	18.84	18.87	18.78	19.50
		8	0	18.89	18.76	18.70	19.50
		8	4	18.95	18.73	18.80	19.50
		8	7	18.98	18.83	18.83	19.50
		15	0	18.79	18.89	18.74	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18625	18900	19175	
5MHz	QPSK	1	0	18.95	19.23	18.73	19.50
		1	13	19.21	18.76	18.76	19.50
		1	24	18.68	18.57	18.65	19.50
		12	0	18.81	19.05	18.68	19.50
		12	6	18.90	18.95	18.73	19.50
		12	13	18.97	18.96	18.91	19.50
		25	0	18.91	18.88	18.71	19.50
	16QAM	1	0	18.24	18.81	19.24	19.50
		1	13	18.95	19.30	19.04	19.50

		1	24	18.96	19.12	18.66	19.50
		12	0	18.94	18.88	18.77	19.50
		12	6	19.03	18.73	18.77	19.50
		12	13	18.97	18.91	19.00	19.50
		25	0	18.81	18.67	18.84	19.50
	64QAM	1	0	18.73	18.91	18.89	19.50
		1	13	18.91	18.75	18.85	19.50
		1	24	18.90	18.89	18.78	19.50
		12	0	18.87	18.76	18.77	19.50
		12	6	18.98	18.88	18.73	19.50
		12	13	18.98	19.03	18.81	19.50
		25	0	18.81	18.92	18.73	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18650	18900	19150	
10MHz	QPSK	1	0	18.93	19.18	18.69	19.50
		1	25	19.07	18.85	18.64	19.50
		1	49	18.76	18.62	18.78	19.50
		25	0	18.89	19.02	18.84	19.50
		25	13	19.06	18.81	18.77	19.50
		25	25	18.89	18.85	18.86	19.50
		50	0	18.89	18.75	18.73	19.50
	16QAM	1	0	18.37	18.92	19.12	19.50
		1	25	18.95	19.29	19.05	19.50
		1	49	18.95	19.07	18.83	19.50
		25	0	18.99	18.87	18.78	19.50
		25	13	19.01	18.68	18.89	19.50
		25	25	18.84	19.05	18.99	19.50
		50	0	18.86	18.77	18.70	19.50
	64QAM	1	0	18.81	18.82	18.81	19.50
		1	25	18.84	18.76	18.77	19.50
		1	49	18.97	18.86	18.79	19.50
		25	0	18.80	18.85	18.73	19.50
		25	13	18.80	18.90	18.68	19.50
		25	25	19.02	18.96	18.92	19.50
		50	0	18.85	18.90	18.75	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18675	18900	19125	
15MHz	QPSK	1	0	18.92	19.19	18.77	19.50
		1	38	19.05	18.82	18.78	19.50
		1	74	18.85	18.61	18.64	19.50
		36	0	18.98	18.99	18.69	19.50
		36	18	18.87	18.93	18.78	19.50
		36	39	19.03	18.87	18.88	19.50

		75	0	18.97	18.80	18.68	19.50
	16QAM	1	0	18.38	18.95	19.22	19.50
		1	38	18.99	19.30	19.02	19.50
		1	74	18.93	19.01	18.73	19.50
		36	0	18.91	18.70	18.82	19.50
		36	18	19.05	18.67	18.75	19.50
		36	39	18.79	18.85	19.04	19.50
		75	0	18.95	18.82	18.78	19.50
	64QAM	1	0	18.65	18.92	18.78	19.50
		1	38	18.97	18.57	18.77	19.50
		1	74	18.94	18.78	18.68	19.50
		36	0	18.88	18.85	18.78	19.50
		36	18	18.91	18.90	18.79	19.50
		36	39	18.95	18.85	18.94	19.50
		75	0	18.91	18.80	18.82	19.50

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18700	18900	19100	
20MHz	QPSK	1	0	18.92	19.18	18.78	19.50
		1	50	19.15	18.78	18.72	19.50
		1	99	18.76	18.67	18.74	19.50
		50	0	18.88	18.97	18.76	19.50
		50	25	18.96	18.85	18.76	19.50
		50	50	18.93	18.90	18.89	19.50
		100	0	18.88	18.81	18.73	19.50
	16QAM	1	0	18.34	18.90	19.14	19.50
		1	50	19.03	19.33	18.96	19.50
		1	99	19.00	19.02	18.75	19.50
		50	0	18.93	18.80	18.82	19.50
		50	25	18.99	18.76	18.82	19.50
		50	50	18.87	18.95	18.94	19.50
		100	0	18.88	18.77	18.79	19.50
	64QAM	1	0	18.72	18.87	18.82	19.50
		1	50	18.87	18.66	18.76	19.50
		1	99	18.92	18.79	18.78	19.50
		50	0	18.89	18.80	18.80	19.50
		50	25	18.89	18.82	18.72	19.50
		50	50	18.94	18.93	18.84	19.50
		100	0	18.86	18.82	18.76	19.50

LTE Band 2 state10				**Conducted Power(dBm)**			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up

				18607	18900	19193	
1.4MHz	QPSK	1	0	17.18	17.38	17.42	18.00
		1	2	17.17	17.16	17.19	18.00
		1	5	17.11	17.11	17.14	18.00
		3	0	17.36	17.17	17.37	18.00
		3	2	17.43	17.31	17.40	18.00
		3	3	17.37	17.46	17.47	18.00
		6	0	17.44	17.21	17.35	18.00
	16QAM	1	0	17.36	17.69	17.37	18.00
		1	2	17.69	17.69	17.41	18.00
		1	5	17.40	17.64	17.39	18.00
		3	0	17.45	17.31	17.18	18.00
		3	2	17.35	17.30	17.18	18.00
		3	3	17.29	17.32	17.17	18.00
		6	0	17.41	17.30	17.29	18.00
	64QAM	1	0	17.30	17.30	17.27	18.00
		1	2	17.24	17.37	17.19	18.00
		1	5	17.23	17.31	17.22	18.00
		3	0	17.47	17.16	17.29	18.00
		3	2	17.28	17.25	17.29	18.00
		3	3	17.32	17.46	17.32	18.00
		6	0	17.34	17.25	17.15	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18615	18900	19185	
3MHz	QPSK	1	0	17.13	17.49	17.40	18.00
		1	7	17.21	17.26	17.17	18.00
		1	14	17.14	17.13	17.12	18.00
		8	0	17.20	17.19	17.33	18.00
		8	4	17.41	17.28	17.20	18.00
		8	7	17.43	17.36	17.44	18.00
		15	0	17.34	17.37	17.29	18.00
	16QAM	1	0	17.37	17.70	17.42	18.00
		1	7	17.74	17.50	17.45	18.00
		1	14	17.50	17.57	17.54	18.00
		8	0	17.46	17.35	17.33	18.00
		8	4	17.30	17.40	17.20	18.00
		8	7	17.34	17.34	17.26	18.00
		15	0	17.35	17.38	17.28	18.00
	64QAM	1	0	17.36	17.42	17.21	18.00
		1	7	17.18	17.38	17.16	18.00
		1	14	17.20	17.23	17.20	18.00
		8	0	17.28	17.23	17.18	18.00
		8	4	17.47	17.14	17.14	18.00

		8	7	17.34	17.40	17.48	18.00
		15	0	17.40	17.23	17.22	18.00

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18625	18900	19175	
5MHz	QPSK	1	0	17.14	17.53	17.42	18.00
		1	13	17.09	17.27	17.25	18.00
		1	24	17.22	17.22	17.06	18.00
		12	0	17.35	17.19	17.25	18.00
		12	6	17.41	17.30	17.21	18.00
		12	13	17.38	17.37	17.33	18.00
		25	0	17.44	17.32	17.29	18.00
	16QAM	1	0	17.39	17.76	17.49	18.00
		1	13	17.74	17.57	17.33	18.00
		1	24	17.36	17.59	17.54	18.00
		12	0	17.44	17.40	17.21	18.00
		12	6	17.43	17.47	17.29	18.00
		12	13	17.29	17.33	17.25	18.00
		25	0	17.37	17.32	17.16	18.00
	64QAM	1	0	17.20	17.33	17.20	18.00
		1	13	17.19	17.48	17.13	18.00
		1	24	17.39	17.22	17.22	18.00
		12	0	17.42	17.27	17.26	18.00
		12	6	17.37	17.27	17.25	18.00
		12	13	17.27	17.27	17.29	18.00
		25	0	17.46	17.29	17.15	18.00

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18650	18900	19150	
10MHz	QPSK	1	0	17.20	17.38	17.42	18.00
		1	25	17.01	17.32	17.24	18.00
		1	49	17.13	17.10	16.99	18.00
		25	0	17.20	17.21	17.38	18.00
		25	13	17.31	17.19	17.29	18.00
		25	25	17.42	17.32	17.45	18.00
		50	0	17.43	17.29	17.24	18.00
	16QAM	1	0	17.26	17.61	17.52	18.00
		1	25	17.76	17.70	17.32	18.00
		1	49	17.56	17.64	17.54	18.00
		25	0	17.34	17.25	17.19	18.00
		25	13	17.41	17.46	17.36	18.00
		25	25	17.29	17.34	17.18	18.00
		50	0	17.39	17.27	17.16	18.00
	64QAM	1	0	17.30	17.42	17.11	18.00
		1	25	17.17	17.35	17.28	18.00

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		1	49	17.36	17.25	17.23	18.00
		25	0	17.34	17.29	17.35	18.00
		25	13	17.40	17.31	17.16	18.00
		25	25	17.29	17.36	17.46	18.00
		50	0	17.54	17.37	17.16	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18675	18900	19125	
15MHz	QPSK	1	0	17.17	17.53	17.39	18.00
		1	38	17.05	17.12	17.16	18.00
		1	74	17.06	17.22	17.09	18.00
		36	0	17.24	17.17	17.25	18.00
		36	18	17.40	17.27	17.34	18.00
		36	39	17.30	17.44	17.41	18.00
		75	0	17.31	17.36	17.39	18.00
	16QAM	1	0	17.21	17.59	17.46	18.00
		1	38	17.74	17.52	17.42	18.00
		1	74	17.41	17.59	17.47	18.00
		36	0	17.45	17.36	17.16	18.00
		36	18	17.40	17.45	17.34	18.00
		36	39	17.37	17.40	17.27	18.00
		75	0	17.31	17.25	17.19	18.00
	64QAM	1	0	17.24	17.46	17.17	18.00
		1	38	17.29	17.48	17.24	18.00
		1	74	17.21	17.35	17.36	18.00
		36	0	17.35	17.30	17.21	18.00
		36	18	17.41	17.16	17.14	18.00
		36	39	17.44	17.39	17.47	18.00
		75	0	17.41	17.30	17.29	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18700	18900	19100	
20MHz	QPSK	1	0	17.19	17.45	17.44	18.00
		1	50	17.11	17.22	17.17	18.00
		1	99	17.13	17.15	17.08	18.00
		50	0	17.28	17.22	17.29	18.00
		50	25	17.37	17.25	17.30	18.00
		50	50	17.37	17.36	17.41	18.00
		100	0	17.38	17.27	17.34	18.00
	16QAM	1	0	17.31	17.67	17.44	18.00
		1	50	17.68	17.60	17.40	18.00
		1	99	17.46	17.64	17.45	18.00
		50	0	17.42	17.30	17.25	18.00
		50	25	17.33	17.37	17.27	18.00
		50	50	17.34	17.39	17.27	18.00

		100	0	17.36	17.30	17.20	18.00
	64QAM	1	0	17.26	17.36	17.17	18.00
		1	50	17.20	17.41	17.22	18.00
		1	99	17.30	17.25	17.29	18.00
		50	0	17.37	17.22	17.25	18.00
		50	25	17.37	17.21	17.23	18.00
		50	50	17.37	17.37	17.38	18.00
		100	0	17.44	17.29	17.23	18.00

LTE Band 4 state3				**Conducted Power(dBm)**			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19957	20175	20393	
1.4MHz	QPSK	1	0	21.81	22.00	21.97	22.50
		1	2	22.03	21.83	21.76	22.50
		1	5	22.21	22.41	22.32	22.50
		3	0	21.89	22.00	22.05	22.50
		3	2	21.99	21.96	21.89	22.50
		3	3	22.01	22.22	22.02	22.50
		6	0	21.96	21.97	21.88	22.50
	16QAM	1	0	21.89	22.16	22.29	22.50
		1	2	22.19	22.22	22.05	22.50
		1	5	22.13	22.03	22.19	22.50
		3	0	21.91	22.02	22.02	22.50
		3	2	22.09	21.96	21.92	22.50
		3	3	22.14	22.25	22.07	22.50
		6	0	21.96	22.03	21.95	22.50
	64QAM	1	0	21.69	21.41	21.73	22.50
		1	2	21.91	21.97	21.93	22.50
		1	5	22.13	22.17	22.19	22.50
		3	0	21.37	21.32	21.44	22.50
		3	2	21.41	21.49	21.49	22.50
		3	3	21.38	21.40	21.54	22.50
		6	0	21.85	21.94	21.75	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19965	20175	20385	
3MHz	QPSK	1	0	21.82	22.08	22.09	22.50
		1	7	22.14	21.92	21.71	22.50
		1	14	22.34	22.25	22.37	22.50
		8	0	22.00	22.06	22.00	22.50
		8	4	22.00	22.00	22.05	22.50
		8	7	22.09	22.10	22.18	22.50

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		15	0	22.01	22.13	21.97	22.50
	16QAM	1	0	21.81	22.02	22.11	22.50
		1	7	22.26	22.19	22.18	22.50
		1	14	22.11	22.20	22.14	22.50
		8	0	21.90	21.97	22.01	22.50
		8	4	21.97	22.03	21.93	22.50
		8	7	21.99	22.30	22.10	22.50
		15	0	22.01	22.00	21.95	22.50
	64QAM	1	0	21.79	21.55	21.90	22.50
		1	7	22.06	21.81	22.03	22.50
		1	14	22.07	22.12	22.15	22.50
		8	0	21.94	21.76	21.89	22.00
		8	4	21.75	21.94	21.92	22.00
		8	7	21.94	21.98	22.00	22.00
		15	0	21.90	21.85	21.83	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19975	20175	20375	
5MHz	QPSK	1	0	21.76	22.05	22.13	22.50
		1	13	22.06	21.95	21.83	22.50
		1	24	22.25	22.15	22.23	22.50
		12	0	21.98	22.00	22.09	22.50
		12	6	21.98	22.01	21.94	22.50
		12	13	22.14	22.12	22.10	22.50
		25	0	22.09	22.07	21.94	22.50
	16QAM	1	0	21.77	22.11	22.12	22.50
		1	13	22.23	22.11	22.13	22.50
		1	24	22.07	22.20	22.00	22.50
		12	0	21.97	21.99	22.07	22.50
		12	6	22.05	22.15	21.98	22.50
		12	13	22.09	22.14	22.08	22.50
		25	0	22.02	22.03	22.01	22.50
	64QAM	1	0	21.75	21.37	21.89	22.50
		1	13	21.98	21.88	22.01	22.50
		1	24	21.97	22.06	22.10	22.50
		12	0	21.85	21.73	21.80	22.00
		12	6	21.74	21.84	21.90	22.00
		12	13	21.81	21.97	21.96	22.00
		25	0	21.74	21.92	21.91	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20000	20175	20350	
10MHz	QPSK	1	0	21.85	21.93	22.14	22.50
		1	25	22.15	21.99	21.73	22.50
		1	49	22.36	22.32	22.18	22.50

		25	0	22.00	21.99	22.00	22.50
		25	13	21.98	22.05	22.07	22.50
		25	25	22.02	22.05	22.05	22.50
		50	0	21.92	22.11	22.01	22.50
	16QAM	1	0	21.77	22.15	22.23	22.50
		1	25	22.31	22.18	22.04	22.50
		1	49	22.07	22.06	22.18	22.50
		25	0	21.91	22.01	22.14	22.50
		25	13	22.08	22.01	22.01	22.50
		25	25	21.97	22.14	22.11	22.50
		50	0	22.05	22.02	22.09	22.50
	64QAM	1	0	21.83	21.39	21.85	22.50
		1	25	21.90	21.82	21.93	22.50
		1	49	22.01	22.15	22.15	22.50
		25	0	21.88	21.74	21.81	22.00
		25	13	21.78	21.84	21.79	22.00
		25	25	21.83	21.95	21.86	22.00
		50	0	21.94	21.99	21.78	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20025	20175	20325	
15MHz	QPSK	1	0	21.69	22.05	22.07	22.50
		1	38	22.04	21.85	21.80	22.50
		1	74	22.30	22.30	22.18	22.50
		36	0	21.93	21.97	22.11	22.50
		36	18	22.07	22.02	22.01	22.50
		36	39	22.12	22.20	22.21	22.50
		75	0	21.98	22.05	21.90	22.50
	16QAM	1	0	21.75	22.03	22.29	22.50
		1	38	22.20	22.13	22.12	22.50
		1	74	22.17	22.10	22.17	22.50
		36	0	21.95	22.03	22.06	22.50
		36	18	22.01	22.02	21.96	22.50
		36	39	22.14	22.30	22.11	22.50
		75	0	21.93	22.10	22.07	22.50
	64QAM	1	0	21.76	21.40	21.77	22.50
		1	38	21.99	21.98	21.89	22.50
		1	74	22.14	22.15	22.09	22.50
		36	0	21.95	21.84	21.78	22.00
		36	18	21.75	21.98	21.94	22.00
		36	39	21.85	21.91	21.91	22.00
		75	0	21.85	21.91	21.91	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20050	20175	20300	

20MHz	QPSK	1	0	21.77	22.02	22.07	22.50
		1	50	22.09	21.93	21.80	22.50
		1	99	22.27	22.32	22.27	22.50
		50	0	21.92	22.04	22.05	22.50
		50	25	22.03	22.06	21.99	22.50
		50	50	22.05	22.14	22.12	22.50
		100	0	22.02	22.07	21.95	22.50
	16QAM	1	0	21.81	22.12	22.21	22.50
		1	50	22.24	22.13	22.09	22.50
		1	99	22.12	22.12	22.10	22.50
		50	0	21.98	22.00	22.07	22.50
		50	25	22.03	22.05	22.00	22.50
		50	50	22.07	22.21	22.12	22.50
		100	0	22.00	22.02	22.03	22.50
	64QAM	1	0	21.73	21.47	21.80	22.50
		1	50	21.97	21.91	21.99	22.50
		1	99	22.04	22.15	22.10	22.50
		50	0	21.97	21.81	21.88	22.00
		50	25	21.83	21.94	21.89	22.00
		50	50	21.88	21.98	21.94	22.00
		100	0	22.00	21.95	21.84	22.00

LTE Band 4 state5				**Conducted Power(dBm)**			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19957	20175	20393	
1.4MHz	QPSK	1	0	18.22	18.26	18.68	19.00
		1	2	18.25	18.34	18.53	19.00
		1	5	18.46	18.41	18.43	19.00
		3	0	18.20	18.45	18.39	19.00
		3	2	18.39	18.42	18.39	19.00
		3	3	18.50	18.58	18.56	19.00
		6	0	18.34	18.54	18.35	19.00
	16QAM	1	0	18.43	18.64	18.53	19.00
		1	2	18.76	18.78	18.80	19.00
		1	5	18.70	18.69	18.59	19.00
		3	0	18.29	18.46	18.42	19.00
		3	2	18.43	18.47	18.42	19.00
		3	3	18.44	18.43	18.56	19.00
		6	0	18.45	18.32	18.59	19.00
	64QAM	1	0	18.39	18.28	18.62	19.00
		1	2	18.27	18.56	18.61	19.00

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		1	5	18.64	18.67	18.41	19.00
		3	0	18.28	18.39	18.57	19.00
		3	2	18.36	18.33	18.44	19.00
		3	3	18.39	18.43	18.50	19.00
		6	0	18.48	18.49	18.49	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19965	20175	20385	
3MHz	QPSK	1	0	18.15	18.34	18.52	19.00
		1	7	18.19	18.29	18.52	19.00
		1	14	18.57	18.36	18.53	19.00
		8	0	18.24	18.35	18.53	19.00
		8	4	18.50	18.40	18.46	19.00
		8	7	18.47	18.57	18.42	19.00
		15	0	18.48	18.38	18.45	19.00
	16QAM	1	0	18.47	18.47	18.46	19.00
		1	7	18.67	18.75	18.78	19.00
		1	14	18.66	18.71	18.62	19.00
		8	0	18.30	18.32	18.51	19.00
		8	4	18.44	18.53	18.49	19.00
		8	7	18.56	18.56	18.54	19.00
		15	0	18.48	18.38	18.57	19.00
	64QAM	1	0	18.50	18.25	18.66	19.00
		1	7	18.35	18.39	18.56	19.00
		1	14	18.56	18.66	18.48	19.00
		8	0	18.18	18.32	18.51	19.00
		8	4	18.41	18.33	18.43	19.00
		8	7	18.32	18.53	18.59	19.00
		15	0	18.49	18.34	18.41	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19975	20175	20375	
5MHz	QPSK	1	0	18.21	18.23	18.67	19.00
		1	13	18.36	18.43	18.52	19.00
		1	24	18.58	18.35	18.54	19.00
		12	0	18.23	18.52	18.42	19.00
		12	6	18.45	18.39	18.39	19.00
		12	13	18.45	18.65	18.58	19.00
		25	0	18.35	18.38	18.52	19.00
	16QAM	1	0	18.47	18.50	18.53	19.00
		1	13	18.74	18.78	18.68	19.00
		1	24	18.68	18.62	18.64	19.00
		12	0	18.44	18.43	18.39	19.00
		12	6	18.34	18.42	18.41	19.00
		12	13	18.51	18.55	18.53	19.00

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		25	0	18.39	18.41	18.46	19.00
	64QAM	1	0	18.45	18.39	18.63	19.00
		1	13	18.38	18.57	18.61	19.00
		1	24	18.52	18.75	18.49	19.00
		12	0	18.17	18.40	18.56	19.00
		12	6	18.33	18.27	18.56	19.00
		12	13	18.39	18.60	18.57	19.00
		25	0	18.43	18.35	18.35	19.00

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20000	20175	20350	
10MHz	QPSK	1	0	18.11	18.17	18.61	19.00
		1	25	18.18	18.30	18.63	19.00
		1	49	18.63	18.27	18.44	19.00
		25	0	18.31	18.37	18.54	19.00
		25	13	18.49	18.49	18.51	19.00
		25	25	18.54	18.65	18.58	19.00
		50	0	18.43	18.36	18.35	19.00
	16QAM	1	0	18.43	18.55	18.57	19.00
		1	25	18.65	18.69	18.73	19.00
		1	49	18.72	18.72	18.67	19.00
		25	0	18.36	18.35	18.50	19.00
		25	13	18.49	18.49	18.38	19.00
		25	25	18.43	18.50	18.60	19.00
		50	0	18.49	18.48	18.52	19.00
	64QAM	1	0	18.46	18.40	18.61	19.00
		1	25	18.41	18.48	18.61	19.00
		1	49	18.55	18.74	18.60	19.00
		25	0	18.24	18.36	18.40	19.00
		25	13	18.31	18.36	18.49	19.00
		25	25	18.37	18.44	18.48	19.00
		50	0	18.35	18.39	18.40	19.00

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20025	20175	20325	
15MHz	QPSK	1	0	18.09	18.32	18.68	19.00
		1	38	18.36	18.41	18.57	19.00
		1	74	18.46	18.33	18.45	19.00
		36	0	18.38	18.53	18.54	19.00
		36	18	18.46	18.40	18.50	19.00
		36	39	18.43	18.59	18.40	19.00
		75	0	18.39	18.46	18.33	19.00
	16QAM	1	0	18.44	18.50	18.61	19.00
		1	38	18.74	18.80	18.83	19.00
		1	74	18.67	18.78	18.54	19.00

		36	0	18.30	18.30	18.48	19.00
		36	18	18.46	18.44	18.41	19.00
		36	39	18.45	18.57	18.41	19.00
		75	0	18.33	18.42	18.46	19.00
	64QAM	1	0	18.48	18.39	18.49	19.00
		1	38	18.35	18.57	18.53	19.00
		1	74	18.48	18.55	18.56	19.00
		36	0	18.29	18.37	18.57	19.00
		36	18	18.44	18.30	18.47	19.00
		36	39	18.46	18.59	18.62	19.00
		75	0	18.49	18.43	18.42	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20050	20175	20300	
20MHz	QPSK	1	0	18.18	18.25	18.59	19.00
		1	50	18.27	18.33	18.56	19.00
		1	99	18.56	18.37	18.45	19.00
		50	0	18.30	18.45	18.49	19.00
		50	25	18.42	18.46	18.42	19.00
		50	50	18.46	18.60	18.50	19.00
		100	0	18.40	18.46	18.43	19.00
	16QAM	1	0	18.38	18.55	18.56	19.00
		1	50	18.69	18.85	18.73	19.00
		1	99	18.70	18.72	18.64	19.00
		50	0	18.36	18.39	18.47	19.00
		50	25	18.41	18.47	18.48	19.00
		50	50	18.46	18.51	18.51	19.00
		100	0	18.40	18.38	18.51	19.00
	64QAM	1	0	18.41	18.34	18.58	19.00
		1	50	18.34	18.49	18.53	19.00
		1	99	18.56	18.65	18.50	19.00
		50	0	18.25	18.39	18.48	19.00
		50	25	18.40	18.29	18.53	19.00
		50	50	18.41	18.50	18.53	19.00
		100	0	18.41	18.39	18.43	19.00

LTE Band 4 state8				**Conducted Power(dBm)**			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19957	20175	20393	
1.4MHz	QPSK	1	0	19.65	19.76	19.85	20.50
		1	2	19.90	20.13	19.84	20.50
		1	5	19.94	20.37	20.02	20.50

		3	0	19.73	19.84	20.07	20.50
		3	2	19.94	19.92	19.94	20.50
		3	3	19.86	20.12	20.05	20.50
		6	0	19.96	19.96	20.01	20.50
	16QAM	1	0	19.82	19.99	20.34	20.50
		1	2	20.02	20.22	20.26	20.50
		1	5	19.76	20.30	19.94	20.50
		3	0	19.86	19.86	19.94	20.50
		3	2	19.88	20.06	19.97	20.50
		3	3	20.03	20.22	20.23	20.50
		6	0	19.91	20.11	20.01	20.50
	64QAM	1	0	19.49	19.77	19.98	20.50
		1	2	19.95	20.12	19.96	20.50
		1	5	19.85	20.18	20.13	20.50
		3	0	19.73	19.97	19.97	20.50
		3	2	19.87	19.98	20.03	20.50
		3	3	19.92	20.21	20.14	20.50
		6	0	19.98	20.08	19.95	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19965	20175	20385	
3MHz	QPSK	1	0	19.68	19.77	20.00	20.50
		1	7	19.95	20.12	19.82	20.50
		1	14	20.05	20.32	20.02	20.50
		8	0	19.71	19.99	20.04	20.50
		8	4	19.95	19.95	20.00	20.50
		8	7	19.94	20.05	20.01	20.50
		15	0	19.92	20.03	19.96	20.50
	16QAM	1	0	19.84	19.99	20.37	20.50
		1	7	20.07	20.37	20.18	20.50
		1	14	19.68	20.23	20.05	20.50
		8	0	19.95	19.84	20.10	20.50
		8	4	19.88	20.01	19.94	20.50
		8	7	20.13	20.17	20.15	20.50
		15	0	19.91	20.15	20.00	20.50
	64QAM	1	0	19.49	19.79	20.00	20.50
		1	7	19.85	20.13	19.97	20.50
		1	14	19.89	20.19	19.97	20.50
		8	0	19.73	19.97	19.96	20.50
		8	4	19.86	19.96	19.95	20.50
		8	7	20.03	20.13	20.00	20.50
		15	0	19.96	20.02	19.92	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19975	20175	20375	

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5MHz	QPSK	1	0	19.62	19.84	19.91	20.50
		1	13	19.97	20.23	19.93	20.50
		1	24	19.93	20.43	20.00	20.50
		12	0	19.72	19.91	19.88	20.50
		12	6	19.98	19.97	20.08	20.50
		12	13	20.01	20.02	20.01	20.50
		25	0	20.03	19.88	19.95	20.50
	16QAM	1	0	19.92	20.16	20.34	20.50
		1	13	19.96	20.39	20.31	20.50
		1	24	19.85	20.22	20.07	20.50
		12	0	19.80	19.93	20.07	20.50
		12	6	20.03	20.09	19.95	20.50
		12	13	20.20	20.10	20.22	20.50
		25	0	19.93	20.12	20.01	20.50
	64QAM	1	0	19.65	19.91	19.97	20.50
		1	13	19.88	20.07	19.96	20.50
		1	24	19.87	20.21	19.98	20.50
		12	0	19.85	19.95	20.07	20.50
		12	6	19.94	19.92	20.01	20.50
		12	13	20.11	20.08	20.05	20.50
		25	0	19.88	20.11	20.06	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20000	20175	20350	
10MHz	QPSK	1	0	19.67	19.82	20.04	20.50
		1	25	19.90	20.12	19.96	20.50
		1	49	20.07	20.33	19.99	20.50
		25	0	19.67	19.87	20.03	20.50
		25	13	19.87	19.87	20.02	20.50
		25	25	19.92	20.07	20.03	20.50
		50	0	19.88	19.88	20.06	20.50
	16QAM	1	0	19.90	20.18	20.49	20.50
		1	25	20.06	20.41	20.30	20.50
		1	49	19.80	20.29	20.06	20.50
		25	0	19.85	19.82	19.98	20.50
		25	13	19.92	20.12	20.01	20.50
		25	25	20.13	20.14	20.26	20.50
		50	0	19.91	19.96	20.13	20.50
	64QAM	1	0	19.63	19.88	19.98	20.50
		1	25	19.80	20.15	19.94	20.50
		1	49	19.81	20.17	20.01	20.50
		25	0	19.77	19.94	19.96	20.50
		25	13	19.95	19.96	19.90	20.50
		25	25	20.06	20.02	19.98	20.50

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		50	0	19.89	20.03	19.93	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20025	20175	20325	
15MHz	QPSK	1	0	19.63	19.70	20.00	20.50
		1	38	19.92	20.18	19.87	20.50
		1	74	20.06	20.40	20.05	20.50
		36	0	19.81	19.94	19.87	20.50
		36	18	19.90	19.98	20.01	20.50
		36	39	19.97	20.18	20.02	20.50
		75	0	19.88	19.84	19.95	20.50
	16QAM	1	0	19.77	20.03	20.23	20.50
		1	38	20.05	20.37	20.37	20.50
		1	74	19.75	20.29	19.96	20.50
		36	0	19.93	19.93	20.11	20.50
		36	18	19.99	20.14	20.07	20.50
		36	39	20.06	20.13	20.17	20.50
		75	0	19.85	19.99	20.08	20.50
	64QAM	1	0	19.64	19.86	19.97	20.50
		1	38	19.85	20.15	19.98	20.50
		1	74	19.90	20.30	19.95	20.50
		36	0	19.85	19.89	19.98	20.50
		36	18	19.99	20.03	19.87	20.50
		36	39	20.03	20.19	20.14	20.50
		75	0	19.92	19.98	20.03	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20050	20175	20300	
20MHz	QPSK	1	0	19.65	19.80	19.94	20.50
		1	50	19.91	20.22	19.92	20.50
		1	99	20.00	20.34	20.00	20.50
		50	0	19.75	19.91	19.97	20.50
		50	25	19.97	19.94	19.99	20.50
		50	50	19.92	20.08	20.05	20.50
		100	0	19.97	19.94	19.96	20.50
	16QAM	1	0	19.84	20.08	20.41	20.50
		1	50	20.05	20.32	20.27	20.50
		1	99	19.75	20.26	19.99	20.50
		50	0	19.87	19.89	20.01	20.50
		50	25	19.96	20.05	20.02	20.50
		50	50	20.10	20.15	20.17	20.50
		100	0	19.94	20.06	20.08	20.50
	64QAM	1	0	19.58	19.81	20.07	20.50
		1	50	19.86	20.07	20.02	20.50
		1	99	19.91	20.24	20.03	20.50

		50	0	19.81	19.96	20.00	20.50
		50	25	19.95	19.94	19.97	20.50
		50	50	20.01	20.12	20.08	20.50
		100	0	19.93	20.05	19.98	20.50

LTE Band 4 state10				**Conducted Power(dBm)**			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19957	20175	20393	
1.4MHz	QPSK	1	0	17.05	17.42	17.32	18.00
		1	2	17.23	17.42	17.48	18.00
		1	5	17.45	17.35	17.96	18.00
		3	0	17.26	17.39	17.50	18.00
		3	2	17.47	17.44	17.42	18.00
		3	3	17.58	17.48	17.45	18.00
		6	0	17.33	17.33	17.48	18.00
	16QAM	1	0	17.66	17.50	17.68	18.00
		1	2	17.74	17.72	17.89	18.00
		1	5	17.71	17.69	17.67	18.00
		3	0	17.26	17.31	17.30	18.00
		3	2	17.40	17.52	17.48	18.00
		3	3	17.45	17.59	17.59	18.00
		6	0	17.47	17.49	17.44	18.00
	64QAM	1	0	17.19	17.25	17.33	18.00
		1	2	17.28	17.61	17.47	18.00
		1	5	17.50	17.71	17.46	18.00
		3	0	17.28	17.58	17.44	18.00
		3	2	17.40	17.37	17.52	18.00
		3	3	17.54	17.62	17.63	18.00
		6	0	17.49	17.46	17.45	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19965	20175	20385	
3MHz	QPSK	1	0	17.24	17.38	17.19	18.00
		1	7	17.23	17.37	17.36	18.00
		1	14	17.51	17.46	17.94	18.00
		8	0	17.22	17.45	17.35	18.00
		8	4	17.52	17.48	17.44	18.00
		8	7	17.44	17.64	17.56	18.00
		15	0	17.33	17.40	17.32	18.00
	16QAM	1	0	17.66	17.58	17.71	18.00
		1	7	17.69	17.73	17.75	18.00
		1	14	17.71	17.99	17.66	18.00

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		8	0	17.22	17.46	17.34	18.00
		8	4	17.29	17.59	17.58	18.00
		8	7	17.41	17.54	17.56	18.00
		15	0	17.47	17.55	17.44	18.00
	64QAM	1	0	17.13	17.25	17.33	18.00
		1	7	17.38	17.53	17.58	18.00
		1	14	17.42	17.73	17.46	18.00
		8	0	17.26	17.52	17.42	18.00
		8	4	17.42	17.38	17.46	18.00
		8	7	17.53	17.53	17.54	18.00
		15	0	17.50	17.34	17.47	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19975	20175	20375	
5MHz	QPSK	1	0	17.14	17.51	17.39	18.00
		1	13	17.40	17.33	17.39	18.00
		1	24	17.42	17.33	17.89	18.00
		12	0	17.26	17.41	17.48	18.00
		12	6	17.44	17.38	17.43	18.00
		12	13	17.57	17.47	17.43	18.00
		25	0	17.41	17.44	17.43	18.00
	16QAM	1	0	17.68	17.41	17.71	18.00
		1	13	17.72	17.59	17.88	18.00
		1	24	17.71	17.83	17.61	18.00
		12	0	17.18	17.36	17.47	18.00
		12	6	17.29	17.40	17.47	18.00
		12	13	17.57	17.53	17.51	18.00
		25	0	17.45	17.58	17.51	18.00
	64QAM	1	0	17.12	17.29	17.35	18.00
		1	13	17.43	17.62	17.53	18.00
		1	24	17.48	17.72	17.43	18.00
		12	0	17.20	17.54	17.40	18.00
		12	6	17.43	17.32	17.53	18.00
		12	13	17.50	17.55	17.59	18.00
		25	0	17.45	17.38	17.38	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20000	20175	20350	
10MHz	QPSK	1	0	17.20	17.34	17.30	18.00
		1	25	17.32	17.31	17.47	18.00
		1	49	17.44	17.44	17.92	18.00
		25	0	17.20	17.37	17.41	18.00
		25	13	17.47	17.54	17.49	18.00
		25	25	17.48	17.52	17.52	18.00
		50	0	17.37	17.43	17.30	18.00

	16QAM	1	0	17.52	17.59	17.67	18.00
		1	25	17.73	17.75	17.76	18.00
		1	49	17.67	17.74	17.66	18.00
		25	0	17.23	17.40	17.43	18.00
		25	13	17.39	17.58	17.42	18.00
		25	25	17.57	17.57	17.66	18.00
		50	0	17.44	17.60	17.36	18.00
	64QAM	1	0	17.25	17.28	17.37	18.00
		1	25	17.35	17.64	17.57	18.00
		1	49	17.43	17.53	17.61	18.00
		25	0	17.22	17.41	17.37	18.00
		25	13	17.42	17.31	17.36	18.00
		25	25	17.42	17.60	17.50	18.00
		50	0	17.49	17.42	17.42	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20025	20175	20325	
15MHz	QPSK	1	0	17.24	17.44	17.20	18.00
		1	38	17.22	17.40	17.50	18.00
		1	74	17.47	17.42	17.94	18.00
		36	0	17.15	17.43	17.34	18.00
		36	18	17.43	17.50	17.42	18.00
		36	39	17.62	17.56	17.53	18.00
		75	0	17.39	17.38	17.32	18.00
	16QAM	1	0	17.62	17.45	17.66	18.00
		1	38	17.62	17.71	17.69	18.00
		1	74	17.72	17.84	17.79	18.00
		36	0	17.26	17.33	17.42	18.00
		36	18	17.30	17.57	17.56	18.00
		36	39	17.49	17.53	17.58	18.00
		75	0	17.50	17.49	17.40	18.00
	64QAM	1	0	17.22	17.28	17.24	18.00
		1	38	17.31	17.56	17.61	18.00
		1	74	17.49	17.69	17.54	18.00
		36	0	17.26	17.40	17.33	18.00
		36	18	17.42	17.43	17.38	18.00
		36	39	17.53	17.50	17.65	18.00
		75	0	17.45	17.41	17.35	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20050	20175	20300	
20MHz	QPSK	1	0	17.15	17.42	17.29	18.00
		1	50	17.30	17.35	17.44	18.00
		1	99	17.46	17.41	17.89	18.00
		50	0	17.22	17.42	17.41	18.00

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		50	25	17.48	17.44	17.45	18.00
		50	50	17.53	17.54	17.49	18.00
		100	0	17.39	17.42	17.40	18.00
	16QAM	1	0	17.61	17.49	17.68	18.00
		1	50	17.64	17.66	17.79	18.00
		1	99	17.66	17.92	17.70	18.00
		50	0	17.28	17.39	17.38	18.00
		50	25	17.39	17.50	17.49	18.00
		50	50	17.49	17.57	17.56	18.00
		100	0	17.40	17.50	17.45	18.00
	64QAM	1	0	17.19	17.28	17.27	18.00
		1	50	17.33	17.59	17.56	18.00
		1	99	17.41	17.63	17.51	18.00
		50	0	17.27	17.48	17.43	18.00
		50	25	17.37	17.40	17.43	18.00
		50	50	17.45	17.60	17.55	18.00
		100	0	17.41	17.39	17.45	18.00

LTE Band 7 state3				**Conducted Power(dBm)**			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20775	21100	21425	
5MHz	QPSK	1	0	19.89	19.92	20.03	20.50
		1	13	19.73	19.95	19.88	20.50
		1	24	19.56	19.47	19.62	20.50
		12	0	20.04	19.98	19.83	20.50
		12	6	20.07	19.79	19.72	20.50
		12	13	19.83	19.69	19.78	20.50
		25	0	19.91	19.84	19.94	20.50
	16QAM	1	0	19.90	19.95	19.86	20.50
		1	13	19.83	19.90	19.93	20.50
		1	24	19.99	19.85	19.77	20.50
		12	0	20.05	19.89	19.77	20.50
		12	6	20.08	19.82	20.00	20.50
		12	13	19.82	19.86	19.94	20.50
		25	0	19.89	19.75	19.85	20.50
	64QAM	1	0	19.76	19.46	19.72	20.50
		1	13	19.57	19.92	19.73	20.50
		1	24	19.66	19.75	19.65	20.50
		12	0	20.11	19.90	19.81	20.50

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		12	6	19.99	19.85	19.78	20.50
		12	13	19.99	19.82	19.89	20.50
		25	0	20.04	19.81	19.70	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20800	21100	21400	
10MHz	QPSK	1	0	19.85	20.01	20.02	20.50
		1	25	19.78	19.95	19.87	20.50
		1	49	19.56	19.50	19.52	20.50
		25	0	20.00	20.01	19.88	20.50
		25	13	19.92	19.90	19.73	20.50
		25	25	19.89	19.70	19.83	20.50
		50	0	20.06	19.77	19.89	20.50
	16QAM	1	0	19.97	19.95	19.87	20.50
		1	25	19.92	19.93	20.01	20.50
		1	49	19.92	19.80	19.65	20.50
		25	0	20.04	19.82	19.97	20.50
		25	13	19.97	19.87	20.00	20.50
		25	25	19.87	19.80	20.00	20.50
		50	0	20.01	19.83	19.94	20.50
	64QAM	1	0	19.81	19.45	19.89	20.50
		1	25	19.65	19.89	19.78	20.50
		1	49	19.71	19.77	19.55	20.50
		25	0	19.95	19.92	19.85	20.50
		25	13	19.90	19.79	19.82	20.50
		25	25	20.05	19.67	19.95	20.50
		50	0	19.88	19.84	19.67	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20825	21100	21375	
15MHz	QPSK	1	0	19.94	19.98	19.88	20.50
		1	38	19.76	19.86	19.73	20.50
		1	74	19.48	19.35	19.60	20.50
		36	0	20.00	19.95	19.74	20.50
		36	18	20.06	19.71	19.72	20.50
		36	39	19.96	19.82	19.91	20.50
		75	0	20.04	19.84	19.84	20.50
	16QAM	1	0	19.88	20.11	20.02	20.50
		1	38	19.94	19.79	19.99	20.50
		1	74	19.86	19.85	19.64	20.50
		36	0	20.06	19.88	19.80	20.50
		36	18	20.06	19.72	19.90	20.50

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		36	39	19.87	19.84	20.00	20.50
		75	0	19.95	19.86	19.85	20.50
	64QAM	1	0	19.67	19.45	19.83	20.50
		1	38	19.72	19.98	19.69	20.50
		1	74	19.77	19.82	19.66	20.50
		36	0	19.95	19.76	19.70	20.50
		36	18	19.92	19.80	19.87	20.50
		36	39	19.91	19.84	19.84	20.50
		75	0	19.96	19.87	19.72	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20850	21100	21350	
20MHz	QPSK	1	0	19.88	19.97	19.96	20.50
		1	50	19.83	19.91	19.78	20.50
		1	99	19.57	19.44	19.57	20.50
		50	0	20.00	20.01	19.84	20.50
		50	25	19.98	19.80	19.82	20.50
		50	50	19.87	19.77	19.81	20.50
		100	0	19.96	19.76	19.86	20.50
	16QAM	1	0	19.98	20.04	19.94	20.50
		1	50	19.88	19.87	19.91	20.50
		1	99	19.90	19.75	19.73	20.50
		50	0	20.05	19.87	19.87	20.50
		50	25	19.99	19.78	19.92	20.50
		50	50	19.90	19.78	19.93	20.50
		100	0	19.98	19.82	19.84	20.50
	64QAM	1	0	19.74	19.47	19.79	20.50
		1	50	19.66	19.93	19.69	20.50
		1	99	19.70	19.80	19.64	20.50
		50	0	20.03	19.86	19.78	20.50
		50	25	19.98	19.82	19.85	20.50
		50	50	19.99	19.76	19.91	20.50
		100	0	19.98	19.80	19.67	20.50

LTE Band 7 state5				**Conducted Power(dBm)**			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20775	21100	21425	
5MHz	QPSK	1	0	16.89	16.96	16.82	17.50
		1	13	16.67	16.51	16.54	17.50

		1	24	16.97	16.69	16.79	17.50
		12	0	16.87	16.84	16.84	17.50
		12	6	16.75	16.59	16.61	17.50
		12	13	16.76	16.63	16.70	17.50
		25	0	16.78	16.80	16.78	17.50
	16QAM	1	0	17.01	16.86	16.76	17.50
		1	13	16.99	16.91	16.76	17.50
		1	24	16.74	16.72	16.77	17.50
		12	0	16.88	16.78	16.73	17.50
		12	6	16.98	16.61	16.70	17.50
		12	13	16.91	16.59	16.67	17.50
		25	0	16.78	16.78	16.64	17.50
	64QAM	1	0	16.94	16.44	16.51	17.50
		1	13	16.75	16.74	16.64	17.50
		1	24	16.69	16.80	16.62	17.50
		12	0	16.82	16.76	16.81	17.50
		12	6	16.78	16.67	16.72	17.50
		12	13	16.92	16.72	16.70	17.50
		25	0	16.78	16.70	16.77	17.50

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20800	21100	21400	
10MHz	QPSK	1	0	16.81	16.90	16.91	17.50
		1	25	16.72	16.62	16.51	17.50
		1	49	16.88	16.57	16.68	17.50
		25	0	16.88	16.98	16.68	17.50
		25	13	16.81	16.59	16.74	17.50
		25	25	16.78	16.62	16.75	17.50
		50	0	16.74	16.97	16.69	17.50
	16QAM	1	0	16.85	16.95	16.59	17.50
		1	25	16.83	16.87	16.91	17.50
		1	49	16.76	16.91	16.84	17.50
		25	0	17.05	16.75	16.74	17.50
		25	13	16.89	16.64	16.77	17.50
		25	25	16.92	16.63	16.67	17.50
		50	0	16.74	16.70	16.74	17.50
	64QAM	1	0	16.91	16.56	16.58	17.50
		1	25	16.75	16.68	16.63	17.50
		1	49	16.66	16.70	16.67	17.50
		25	0	16.88	16.62	16.79	17.50
		25	13	16.76	16.70	16.78	17.50

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		25	25	16.87	16.59	16.72	17.50
		50	0	16.85	16.65	16.69	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20825	21100	21375	
15MHz	QPSK	1	0	16.89	16.82	16.82	17.50
		1	38	16.64	16.61	16.52	17.50
		1	74	16.87	16.57	16.76	17.50
		36	0	16.80	16.83	16.80	17.50
		36	18	16.86	16.63	16.79	17.50
		36	39	16.89	16.63	16.74	17.50
		75	0	16.87	16.97	16.88	17.50
	16QAM	1	0	16.89	16.81	16.75	17.50
		1	38	16.88	16.81	16.79	17.50
		1	74	16.72	16.88	16.79	17.50
		36	0	16.78	16.65	16.68	17.50
		36	18	16.84	16.76	16.90	17.50
		36	39	16.75	16.61	16.75	17.50
		75	0	16.85	16.77	16.62	17.50
	64QAM	1	0	17.02	16.46	16.61	17.50
		1	38	16.61	16.63	16.67	17.50
		1	74	16.74	16.61	16.76	17.50
		36	0	16.79	16.70	16.69	17.50
		36	18	16.91	16.69	16.77	17.50
		36	39	16.84	16.54	16.60	17.50
		75	0	16.87	16.58	16.73	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20850	21100	21350	
20MHz	QPSK	1	0	16.90	16.92	16.82	17.50
		1	50	16.64	16.58	16.54	17.50
		1	99	16.88	16.61	16.73	17.50
		50	0	16.87	16.90	16.77	17.50
		50	25	16.82	16.65	16.69	17.50
		50	50	16.85	16.70	16.75	17.50
		100	0	16.78	16.90	16.79	17.50
	16QAM	1	0	16.99	16.88	16.67	17.50
		1	50	16.90	16.87	16.86	17.50
		1	99	16.77	16.82	16.84	17.50
		50	0	16.96	16.72	16.71	17.50
		50	25	16.91	16.69	16.80	17.50
		50	50	16.82	16.65	16.75	17.50

		100	0	16.84	16.71	16.70	17.50
	64QAM	1	0	16.92	16.52	16.51	17.50
		1	50	16.67	16.68	16.66	17.50
		1	99	16.70	16.70	16.71	17.50
		50	0	16.87	16.69	16.72	17.50
		50	25	16.81	16.67	16.74	17.50
		50	50	16.82	16.64	16.66	17.50
		100	0	16.83	16.61	16.68	17.50

LTE Band 7 state8				**Conducted Power(dBm)**			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20775	21100	21425	
5MHz	QPSK	1	0	17.81	17.99	17.69	18.50
		1	13	17.83	17.63	17.59	18.50
		1	24	17.62	17.92	17.43	18.50
		12	0	17.82	17.92	17.79	18.50
		12	6	17.76	17.54	17.83	18.50
		12	13	17.71	17.59	17.75	18.50
		25	0	17.83	17.62	17.71	18.50
	16QAM	1	0	17.94	17.78	17.78	18.50
		1	13	17.96	17.89	18.04	18.50
		1	24	17.76	17.68	18.05	18.50
		12	0	18.07	17.71	17.78	18.50
		12	6	17.90	17.63	17.74	18.50
		12	13	17.79	17.66	17.75	18.50
		25	0	17.81	17.68	17.68	18.50
	64QAM	1	0	17.83	17.80	17.68	18.50
		1	13	17.81	17.64	17.56	18.50
		1	24	17.64	17.49	17.44	18.50
		12	0	17.92	17.67	17.69	18.50
		12	6	17.85	17.63	17.85	18.50
		12	13	17.86	17.75	17.85	18.50
		25	0	18.01	17.63	17.84	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20800	21100	21400	
10MHz	QPSK	1	0	17.88	17.98	17.65	18.50
		1	25	17.81	17.63	17.47	18.50
		1	49	17.54	18.08	17.47	18.50

		25	0	17.95	17.89	17.83	18.50
		25	13	17.88	17.49	17.80	18.50
		25	25	17.75	17.59	17.64	18.50
		50	0	17.83	17.70	17.67	18.50
	16QAM	1	0	17.98	17.79	17.78	18.50
		1	25	17.85	18.02	18.02	18.50
		1	49	17.79	17.70	18.14	18.50
		25	0	17.93	17.89	17.69	18.50
		25	13	17.97	17.63	17.72	18.50
		25	25	17.73	17.62	17.78	18.50
		50	0	17.82	17.64	17.72	18.50
	64QAM	1	0	17.69	17.62	17.49	18.50
		1	25	17.61	17.49	17.64	18.50
		1	49	17.65	17.47	17.50	18.50
		25	0	17.95	17.87	17.73	18.50
		25	13	17.87	17.59	17.77	18.50
		25	25	17.88	17.78	17.76	18.50
		50	0	17.99	17.72	17.82	18.50

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20825	21100	21375	
15MHz	QPSK	1	0	17.80	17.97	17.70	18.50
		1	38	17.94	17.52	17.48	18.50
		1	74	17.67	18.04	17.41	18.50
		36	0	17.93	17.91	17.77	18.50
		36	18	17.81	17.60	17.77	18.50
		36	39	17.71	17.58	17.71	18.50
		75	0	17.92	17.71	17.66	18.50
	16QAM	1	0	18.06	17.69	17.76	18.50
		1	38	17.82	17.86	17.56	18.50
		1	74	17.85	17.61	18.03	18.50
		36	0	17.95	17.87	17.86	18.50
		36	18	17.85	17.65	17.78	18.50
		36	39	17.70	17.67	17.73	18.50
		75	0	17.97	17.74	17.79	18.50
	64QAM	1	0	17.68	17.74	17.54	18.50
		1	38	17.81	17.59	17.62	18.50
		1	74	17.66	17.44	17.52	18.50
		36	0	17.96	17.70	17.79	18.50
		36	18	17.83	17.59	17.85	18.50
		36	39	17.81	17.68	17.72	18.50

		75	0	17.84	17.70	17.84	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20850	21100	21350	
20MHz	QPSK	1	0	17.82	17.99	17.71	18.50
		1	50	17.88	17.54	17.55	18.50
		1	99	17.61	17.98	17.40	18.50
		50	0	17.92	17.93	17.77	18.50
		50	25	17.85	17.56	17.76	18.50
		50	50	17.79	17.60	17.74	18.50
		100	0	17.89	17.71	17.75	18.50
	16QAM	1	0	17.99	17.72	17.85	18.50
		1	50	17.92	17.94	18.18	18.50
		1	99	17.82	17.69	18.07	18.50
		50	0	17.97	17.79	17.77	18.50
		50	25	17.88	17.71	17.76	18.50
		50	50	17.78	17.69	17.73	18.50
		100	0	17.89	17.67	17.74	18.50
	64QAM	1	0	17.77	17.72	17.58	18.50
		1	50	17.71	17.55	17.59	18.50
		1	99	17.57	17.49	17.54	18.50
		50	0	17.97	17.77	17.71	18.50
		50	25	17.91	17.63	17.75	18.50
		50	50	17.78	17.68	17.76	18.50
		100	0	17.91	17.65	17.74	18.50

LTE Band 7 state10				**Conducted Power(dBm)**			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20775	21100	21425	
5MHz	QPSK	1	0	16.25	15.79	15.78	16.50
		1	13	15.81	16.05	15.62	16.50
		1	24	15.94	15.96	15.60	16.50
		12	0	16.05	15.78	15.81	16.50
		12	6	15.99	15.76	15.74	16.50
		12	13	15.78	15.69	15.82	16.50
		25	0	16.02	15.73	15.84	16.50
	16QAM	1	0	16.10	15.71	15.88	16.50
		1	13	16.18	16.03	16.16	16.50
		1	24	15.78	15.63	15.78	16.50

		12	0	16.06	15.82	15.88	16.50
		12	6	16.01	15.77	15.73	16.50
		12	13	15.98	15.77	15.83	16.50
		25	0	15.96	15.67	15.78	16.50
	64QAM	1	0	15.93	15.90	15.47	16.50
		1	13	15.91	15.68	15.92	16.50
		1	24	15.78	15.85	15.80	16.50
		12	0	15.93	15.97	15.91	16.50
		12	6	16.14	15.87	15.73	16.50
		12	13	15.95	15.69	15.90	16.50
		25	0	15.93	15.74	15.81	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20800	21100	21400	
10MHz	QPSK	1	0	15.85	15.66	15.82	16.50
		1	25	15.83	15.93	15.64	16.50
		1	49	15.88	16.00	15.69	16.50
		25	0	15.96	15.86	15.73	16.50
		25	13	16.11	15.78	15.87	16.50
		25	25	15.90	15.64	15.86	16.50
		50	0	16.01	15.62	15.88	16.50
	16QAM	1	0	16.07	15.90	15.87	16.50
		1	25	16.08	15.90	16.05	16.50
		1	49	15.89	15.76	15.86	16.50
		25	0	16.12	15.96	15.96	16.50
		25	13	16.05	15.75	15.72	16.50
		25	25	16.04	15.83	15.80	16.50
		50	0	15.94	15.65	15.89	16.50
	64QAM	1	0	15.92	15.97	15.53	16.50
		1	25	15.81	15.79	15.85	16.50
		1	49	15.96	15.73	15.75	16.50
		25	0	16.12	15.94	15.95	16.50
		25	13	15.97	15.73	15.74	16.50
		25	25	15.85	15.83	15.82	16.50
		50	0	16.01	15.76	15.89	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20825	21100	21375	
15MHz	QPSK	1	0	15.92	15.77	15.82	16.50
		1	38	15.80	15.89	15.52	16.50
		1	74	15.92	15.82	15.57	16.50
		36	0	16.01	15.79	15.82	16.50

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		36	18	16.03	15.75	15.83	16.50
		36	39	15.97	15.78	15.80	16.50
		75	0	15.91	15.78	15.76	16.50
	16QAM	1	0	16.11	15.84	15.89	16.50
		1	38	16.04	15.92	16.16	16.50
		1	74	15.80	15.69	15.79	16.50
		36	0	16.06	15.93	15.98	16.50
		36	18	16.06	15.85	15.73	16.50
		36	39	16.03	15.79	15.86	16.50
		75	0	15.92	15.80	15.92	16.50
	64QAM	1	0	15.86	15.92	15.36	16.50
		1	38	15.81	15.78	15.83	16.50
		1	74	15.82	15.73	15.90	16.50
		36	0	16.03	15.82	16.00	16.50
		36	18	15.99	15.82	15.85	16.50
		36	39	15.87	15.86	15.84	16.50
		75	0	15.89	15.87	15.73	16.50

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20850	21100	21350	
20MHz	QPSK	1	0	16.25	15.75	15.77	16.50
		1	50	15.76	15.95	15.56	16.50
		1	99	15.86	15.92	15.61	16.50
		50	0	15.98	15.81	15.80	16.50
		50	25	16.02	15.74	15.81	16.50
		50	50	15.87	15.70	15.79	16.50
		100	0	15.96	15.70	15.80	16.50
	16QAM	1	0	16.06	15.81	15.83	16.50
		1	50	16.12	15.93	16.12	16.50
		1	99	15.88	15.66	15.86	16.50
		50	0	16.05	15.87	15.88	16.50
		50	25	15.97	15.81	15.76	16.50
		50	50	15.94	15.77	15.86	16.50
		100	0	15.97	15.75	15.83	16.50
	64QAM	1	0	15.90	15.98	15.46	16.50
		1	50	15.82	15.77	15.87	16.50
		1	99	15.87	15.78	15.80	16.50
		50	0	16.03	15.87	15.92	16.50
		50	25	16.04	15.81	15.83	16.50
		50	50	15.92	15.76	15.84	16.50
		100	0	15.98	15.81	15.83	16.50

LTE Band 66 state3				**Conducted Power(dBm)**			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131979	132322	132665	
1.4MHz	QPSK	1	0	21.55	22.20	21.86	22.50
		1	2	21.93	22.06	21.94	22.50
		1	5	21.94	21.83	22.11	22.50
		3	0	21.82	22.10	21.87	22.50
		3	1	21.83	22.03	21.89	22.50
		3	3	22.02	22.11	21.92	22.50
		6	0	21.88	21.98	21.92	22.50
	16QAM	1	0	22.01	21.95	21.98	22.50
		1	2	21.97	22.16	22.03	22.50
		1	5	22.04	22.06	21.94	22.50
		3	0	21.82	22.10	21.87	22.50
		3	1	21.93	22.06	21.85	22.50
		3	3	22.09	22.23	21.88	22.50
		6	0	21.79	21.95	22.05	22.50
	64QAM	1	0	21.95	21.82	21.88	22.50
		1	2	21.73	21.95	21.62	22.50
		1	5	21.95	22.03	21.86	22.50
		3	0	22.23	22.32	22.28	22.50
		3	1	22.49	22.50	22.48	22.50
		3	3	22.39	22.42	22.41	22.50
		6	0	21.86	21.85	21.85	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131987	132322	132657	
3MHz	QPSK	1	0	21.62	22.01	21.77	22.50
		1	7	22.10	22.04	22.01	22.50
		1	14	21.95	21.76	22.07	22.50
		8	0	21.85	22.01	21.88	22.50
		8	4	21.93	22.06	22.04	22.50
		8	7	22.00	21.97	21.86	22.50
		15	0	21.91	21.83	21.94	22.50
	16QAM	1	0	22.01	21.96	22.01	22.50
		1	7	22.02	22.13	22.10	22.50
		1	14	22.12	22.09	21.89	22.50
		8	0	21.84	22.06	21.92	22.50
		8	4	21.82	21.93	21.87	22.50
		8	7	22.01	22.10	22.07	22.50
		15	0	21.88	21.97	22.07	22.50
	64QAM	1	0	21.91	21.85	21.86	22.50

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		1	7	21.80	21.95	21.55	22.50
		1	14	22.01	22.18	21.90	22.50
		8	0	21.82	21.89	21.81	22.00
		8	4	21.96	21.89	21.88	22.00
		8	7	21.88	21.90	21.90	22.00
		15	0	21.96	21.94	21.81	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131997	132322	132647	
5MHz	QPSK	1	0	21.47	22.07	21.72	22.50
		1	13	22.05	22.07	22.07	22.50
		1	24	21.91	21.83	22.04	22.50
		12	0	21.89	22.10	21.94	22.50
		12	6	21.86	21.90	21.90	22.50
		12	13	22.01	21.94	21.93	22.50
		25	0	21.89	21.89	21.95	22.50
	16QAM	1	0	22.05	21.96	21.99	22.50
		1	13	22.10	22.17	22.03	22.50
		1	24	22.13	21.96	21.94	22.50
		12	0	21.73	22.05	21.89	22.50
		12	6	21.80	22.08	21.85	22.50
		12	13	22.06	22.23	21.99	22.50
		25	0	21.85	21.86	21.97	22.50
	64QAM	1	0	21.84	21.80	21.91	22.50
		1	13	21.69	21.99	21.59	22.50
		1	24	22.12	22.15	21.80	22.50
		12	0	21.83	21.89	21.74	22.00
		12	6	21.82	21.87	21.82	22.00
		12	13	21.92	22.00	21.88	22.00
		25	0	21.96	21.94	21.91	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132022	132322	132622	
10MHz	QPSK	1	0	21.63	22.18	21.90	22.50
		1	25	22.07	22.16	21.98	22.50
		1	49	21.97	21.88	22.20	22.50
		25	0	21.81	21.99	21.95	22.50
		25	13	21.99	22.01	21.96	22.50
		25	25	21.97	21.96	21.81	22.50
		50	0	21.95	21.97	21.97	22.50
	16QAM	1	0	21.95	21.96	22.15	22.50
		1	25	21.98	22.12	22.03	22.50
		1	49	22.23	22.13	21.89	22.50
		25	0	21.78	21.93	21.96	22.50
		25	13	21.90	22.03	21.88	22.50

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		25	25	22.04	22.10	22.02	22.50
		50	0	21.95	21.86	21.99	22.50
	64QAM	1	0	21.87	21.82	22.01	22.50
		1	25	21.84	21.99	21.53	22.50
		1	49	22.11	22.13	21.81	22.50
		25	0	21.85	21.81	21.77	22.00
		25	13	21.88	21.91	21.92	22.00
		25	25	21.98	21.93	21.89	22.00
		50	0	21.86	21.96	21.88	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132047	132322	132597	
15MHz	QPSK	1	0	21.54	22.01	21.75	22.50
		1	38	21.96	22.04	22.07	22.50
		1	74	21.89	21.88	22.05	22.50
		36	0	21.87	22.12	21.97	22.50
		36	18	21.86	22.02	21.96	22.50
		36	39	21.90	21.93	21.99	22.50
		75	0	21.92	21.83	21.88	22.50
	16QAM	1	0	22.10	22.02	21.98	22.50
		1	38	22.11	22.18	21.95	22.50
		1	74	22.17	22.01	21.85	22.50
		36	0	21.85	21.96	21.91	22.50
		36	18	21.82	22.06	21.90	22.50
		36	39	22.00	22.21	21.96	22.50
		75	0	21.90	21.96	21.98	22.50
	64QAM	1	0	21.86	21.93	21.94	22.50
		1	38	21.75	21.94	21.49	22.50
		1	74	22.09	22.05	21.94	22.50
		36	0	21.81	21.88	21.90	22.00
		36	18	21.91	22.00	21.94	22.00
		36	39	21.92	21.92	21.93	22.00
		75	0	21.95	21.89	21.99	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132072	132322	132572	
20MHz	QPSK	1	0	21.57	22.11	21.81	22.50
		1	50	22.01	22.14	21.99	22.50
		1	99	21.91	21.86	22.13	22.50
		50	0	21.79	22.04	21.93	22.50
		50	25	21.91	21.99	21.94	22.50
		50	50	21.96	22.03	21.89	22.50
		100	0	21.90	21.93	21.95	22.50
	16QAM	1	0	22.03	22.03	22.05	22.50
		1	50	22.04	22.18	22.01	22.50

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		1	99	22.14	22.05	21.93	22.50
		50	0	21.79	22.01	21.93	22.50
		50	25	21.90	22.00	21.93	22.50
		50	50	21.99	22.14	21.98	22.50
		100	0	21.89	21.95	22.00	22.50
	64QAM	1	0	21.90	21.87	21.91	22.50
		1	50	21.77	21.95	21.52	22.50
		1	99	22.02	22.13	21.87	22.50
		50	0	21.79	21.88	21.83	22.00
		50	25	21.89	21.94	21.91	22.00
		50	50	21.94	21.96	21.98	22.00
		100	0	21.98	21.95	21.91	22.00

LTE Band 66 state5				**Conducted Power(dBm)**			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131979	132322	132665	
1.4MHz	QPSK	1	0	18.03	18.30	18.11	19.00
		1	2	18.78	18.79	18.29	19.00
		1	5	18.27	18.66	18.61	19.00
		3	0	18.12	18.35	18.31	19.00
		3	1	18.20	18.30	18.35	19.00
		3	3	18.36	18.40	18.27	19.00
		6	0	18.35	18.30	18.41	19.00
	16QAM	1	0	18.52	18.43	18.25	19.00
		1	2	18.46	18.65	18.55	19.00
		1	5	18.53	18.44	18.31	19.00
		3	0	18.32	18.33	18.37	19.00
		3	1	18.32	18.26	18.32	19.00
		3	3	18.36	18.42	18.37	19.00
		6	0	18.39	18.51	18.31	19.00
	64QAM	1	0	18.18	18.22	18.32	19.00
		1	2	18.51	18.56	18.50	19.00
		1	5	18.49	18.57	18.07	19.00
		3	0	18.04	18.24	18.34	19.00
		3	1	18.24	18.38	18.44	19.00
		3	3	18.40	18.50	18.39	19.00
		6	0	18.36	18.32	18.34	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131987	132322	132657	
3MHz	QPSK	1	0	18.03	18.26	18.17	19.00
		1	7	18.56	18.61	18.35	19.00
		1	14	18.27	18.53	18.48	19.00

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		8	0	18.30	18.33	18.35	19.00
		8	4	18.32	18.39	18.31	19.00
		8	7	18.44	18.39	18.24	19.00
		15	0	18.33	18.38	18.38	19.00
	16QAM	1	0	18.60	18.50	18.26	19.00
		1	7	18.44	18.56	18.56	19.00
		1	14	18.63	18.40	18.41	19.00
		8	0	18.19	18.23	18.36	19.00
		8	4	18.36	18.38	18.26	19.00
		8	7	18.45	18.42	18.33	19.00
		15	0	18.27	18.43	18.29	19.00
	64QAM	1	0	18.33	18.22	18.27	19.00
		1	7	18.45	18.52	18.54	19.00
		1	14	18.57	18.58	18.15	19.00
		8	0	18.19	18.24	18.24	19.00
		8	4	18.43	18.30	18.28	19.00
		8	7	18.44	18.51	18.20	19.00
		15	0	18.35	18.35	18.20	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131997	132322	132647	
5MHz	QPSK	1	0	18.21	18.29	18.14	19.00
		1	13	18.77	18.73	18.36	19.00
		1	24	18.26	18.70	18.65	19.00
		12	0	18.20	18.42	18.28	19.00
		12	6	18.17	18.39	18.31	19.00
		12	13	18.30	18.46	18.24	19.00
		25	0	18.17	18.30	18.35	19.00
	16QAM	1	0	18.55	18.42	18.33	19.00
		1	13	18.59	18.66	18.43	19.00
		1	24	18.60	18.50	18.35	19.00
		12	0	18.12	18.27	18.21	19.00
		12	6	18.18	18.32	18.28	19.00
		12	13	18.41	18.41	18.32	19.00
		25	0	18.26	18.43	18.28	19.00
	64QAM	1	0	18.21	18.27	18.25	19.00
		1	13	18.40	18.44	18.47	19.00
		1	24	18.47	18.41	18.07	19.00
		12	0	18.21	18.25	18.32	19.00
		12	6	18.36	18.36	18.30	19.00
		12	13	18.43	18.58	18.22	19.00
		25	0	18.31	18.42	18.35	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132022	132322	132622	

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10MHz	QPSK	1	0	18.09	18.32	18.00	19.00
		1	25	18.62	18.68	18.37	19.00
		1	49	18.10	18.60	18.63	19.00
		25	0	18.21	18.34	18.20	19.00
		25	13	18.20	18.50	18.36	19.00
		25	25	18.30	18.47	18.41	19.00
		50	0	18.31	18.30	18.29	19.00
	16QAM	1	0	18.56	18.52	18.32	19.00
		1	25	18.53	18.50	18.36	19.00
		1	49	18.68	18.53	18.46	19.00
		25	0	18.24	18.26	18.32	19.00
		25	13	18.25	18.21	18.24	19.00
		25	25	18.38	18.44	18.37	19.00
		50	0	18.34	18.37	18.25	19.00
	64QAM	1	0	18.23	18.20	18.33	19.00
		1	25	18.44	18.44	18.45	19.00
		1	49	18.45	18.58	18.12	19.00
		25	0	18.09	18.21	18.23	19.00
		25	13	18.28	18.44	18.41	19.00
		25	25	18.51	18.54	18.19	19.00
		50	0	18.33	18.36	18.35	19.00

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132047	132322	132597	
15MHz	QPSK	1	0	18.15	18.28	18.01	19.00
		1	38	18.64	18.62	18.42	19.00
		1	74	18.29	18.62	18.51	19.00
		36	0	18.29	18.38	18.26	19.00
		36	18	18.26	18.30	18.33	19.00
		36	39	18.40	18.34	18.23	19.00
		75	0	18.25	18.42	18.42	19.00
	16QAM	1	0	18.41	18.37	18.32	19.00
		1	38	18.53	18.61	18.39	19.00
		1	74	18.66	18.43	18.29	19.00
		36	0	18.23	18.33	18.19	19.00
		36	18	18.25	18.23	18.35	19.00
		36	39	18.29	18.44	18.39	19.00
		75	0	18.34	18.38	18.36	19.00
	64QAM	1	0	18.28	18.17	18.36	19.00
		1	38	18.38	18.47	18.46	19.00
		1	74	18.62	18.40	18.12	19.00
		36	0	18.15	18.29	18.30	19.00
		36	18	18.27	18.30	18.45	19.00
		36	39	18.44	18.48	18.27	19.00

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		75	0	18.31	18.39	18.29	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132072	132322	132572	
20MHz	QPSK	1	0	18.11	18.23	18.10	19.00
		1	50	18.70	18.71	18.33	19.00
		1	99	18.20	18.60	18.58	19.00
		50	0	18.20	18.42	18.26	19.00
		50	25	18.23	18.40	18.36	19.00
		50	50	18.37	18.39	18.31	19.00
		100	0	18.26	18.33	18.33	19.00
	16QAM	1	0	18.51	18.42	18.34	19.00
		1	50	18.50	18.58	18.46	19.00
		1	99	18.61	18.46	18.37	19.00
		50	0	18.22	18.28	18.28	19.00
		50	25	18.27	18.31	18.28	19.00
		50	50	18.35	18.48	18.33	19.00
		100	0	18.31	18.41	18.33	19.00
	64QAM	1	0	18.28	18.18	18.34	19.00
		1	50	18.45	18.48	18.52	19.00
		1	99	18.55	18.49	18.13	19.00
		50	0	18.11	18.31	18.24	19.00
		50	25	18.34	18.35	18.37	19.00
		50	50	18.42	18.48	18.29	19.00
		100	0	18.30	18.33	18.28	19.00

LTE Band 66 state8				**Conducted Power(dBm)**			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131979	132322	132665	
1.4MHz	QPSK	1	0	19.52	19.94	19.77	20.50
		1	2	20.24	20.27	19.68	20.50
		1	5	19.96	20.23	19.65	20.50
		3	0	19.75	19.99	19.79	20.50
		3	1	19.78	20.04	19.97	20.50
		3	3	19.94	20.07	19.75	20.50
		6	0	19.82	19.79	19.81	20.50
	16QAM	1	0	19.92	20.17	19.84	20.50
		1	2	20.00	19.86	20.19	20.50
		1	5	20.36	20.06	20.01	20.50
		3	0	19.63	19.88	19.66	20.50
		3	1	19.97	19.89	19.81	20.50
		3	3	19.83	19.83	19.82	20.50
		6	0	19.92	20.01	20.02	20.50

	64QAM	1	0	19.90	19.91	19.73	20.50
		1	2	19.44	19.97	19.87	20.50
		1	5	19.84	19.96	19.75	20.50
		3	0	19.56	19.80	19.84	20.50
		3	1	19.87	20.03	20.01	20.50
		3	3	20.01	20.01	19.85	20.50
		6	0	19.76	19.84	19.89	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131987	132322	132657	
3MHz	QPSK	1	0	19.66	20.02	19.83	20.50
		1	7	20.05	20.15	19.67	20.50
		1	14	19.92	20.28	19.66	20.50
		8	0	19.77	19.93	19.75	20.50
		8	4	19.74	19.97	19.85	20.50
		8	7	19.89	20.06	19.81	20.50
		15	0	19.90	19.80	19.89	20.50
	16QAM	1	0	19.91	20.18	19.99	20.50
		1	7	20.03	19.86	20.28	20.50
		1	14	20.17	20.08	19.99	20.50
		8	0	19.73	19.79	19.67	20.50
		8	4	19.99	19.81	19.94	20.50
		8	7	19.83	19.96	19.95	20.50
		15	0	19.92	19.87	19.95	20.50
	64QAM	1	0	19.89	19.96	19.73	20.50
		1	7	19.60	19.87	19.80	20.50
		1	14	19.79	19.94	19.68	20.50
		8	0	19.49	19.89	19.89	20.50
		8	4	19.92	19.99	19.92	20.50
		8	7	19.91	20.07	19.98	20.50
		15	0	19.83	19.72	19.83	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131997	132322	132647	
5MHz	QPSK	1	0	19.66	20.04	19.87	20.50
		1	13	20.19	20.29	19.59	20.50
		1	24	20.01	20.36	19.66	20.50
		12	0	19.64	20.02	19.70	20.50
		12	6	19.89	19.97	19.80	20.50
		12	13	19.99	19.94	19.84	20.50
		25	0	19.80	19.75	19.86	20.50
	16QAM	1	0	19.84	20.11	20.03	20.50
		1	13	20.17	19.96	20.26	20.50
		1	24	20.35	20.06	19.87	20.50
		12	0	19.62	19.79	19.53	20.50

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		12	6	19.94	19.98	19.84	20.50
		12	13	19.78	19.91	19.81	20.50
		25	0	19.98	19.96	19.99	20.50
	64QAM	1	0	19.80	19.90	19.72	20.50
		1	13	19.64	19.81	19.99	20.50
		1	24	19.86	20.13	19.63	20.50
		12	0	19.53	19.91	19.87	20.50
		12	6	19.97	19.88	19.97	20.50
		12	13	20.07	20.03	19.91	20.50
		25	0	19.80	19.84	19.89	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132022	132322	132622	
10MHz	QPSK	1	0	19.61	20.05	19.80	20.50
		1	25	20.06	20.24	19.64	20.50
		1	49	19.91	20.35	19.71	20.50
		25	0	19.77	20.08	19.71	20.50
		25	13	19.91	19.87	19.80	20.50
		25	25	20.02	19.95	19.93	20.50
		50	0	19.86	19.79	19.89	20.50
	16QAM	1	0	19.89	20.02	19.98	20.50
		1	25	20.06	19.91	20.32	20.50
		1	49	20.31	20.00	19.97	20.50
		25	0	19.71	19.79	19.53	20.50
		25	13	19.79	19.81	19.81	20.50
		25	25	19.89	19.85	19.81	20.50
		50	0	19.98	19.85	19.98	20.50
	64QAM	1	0	19.87	19.91	19.64	20.50
		1	25	19.58	19.87	19.89	20.50
		1	49	19.80	20.01	19.75	20.50
		25	0	19.58	19.78	19.85	20.50
		25	13	19.92	19.91	20.04	20.50
		25	25	20.05	20.00	19.85	20.50
		50	0	19.85	19.88	20.00	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132047	132322	132597	
15MHz	QPSK	1	0	19.54	19.86	19.77	20.50
		1	38	20.15	20.30	19.75	20.50
		1	74	19.86	20.29	19.60	20.50
		36	0	19.82	19.91	19.87	20.50
		36	18	19.93	19.96	19.80	20.50
		36	39	19.85	19.99	19.74	20.50
		75	0	19.80	19.74	19.82	20.50
	16QAM	1	0	19.92	20.20	19.88	20.50

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		1	38	20.16	19.87	20.26	20.50
		1	74	20.36	19.98	19.91	20.50
		36	0	19.81	19.88	19.68	20.50
		36	18	19.97	20.01	19.87	20.50
		36	39	19.95	19.85	19.85	20.50
		75	0	19.82	20.01	20.04	20.50
	64QAM	1	0	19.88	19.86	19.73	20.50
		1	38	19.56	19.83	19.93	20.50
		1	74	19.90	19.96	19.80	20.50
		36	0	19.59	19.94	19.91	20.50
		36	18	19.82	20.04	20.01	20.50
		36	39	20.06	20.06	19.96	20.50
		75	0	19.86	19.72	20.02	20.50

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132072	132322	132572	
20MHz	QPSK	1	0	19.58	19.95	19.82	20.50
		1	50	20.15	20.29	19.68	20.50
		1	99	19.94	20.28	19.61	20.50
		50	0	19.74	20.01	19.78	20.50
		50	25	19.84	19.96	19.90	20.50
		50	50	19.92	20.00	19.84	20.50
		100	0	19.82	19.83	19.80	20.50
	16QAM	1	0	19.83	20.10	19.93	20.50
		1	50	20.09	19.93	20.23	20.50
		1	99	20.27	20.05	19.97	20.50
		50	0	19.72	19.88	19.59	20.50
		50	25	19.89	19.91	19.89	20.50
		50	50	19.88	19.90	19.90	20.50
		100	0	19.90	19.91	19.94	20.50
	64QAM	1	0	19.87	19.93	19.71	20.50
		1	50	19.54	19.87	19.89	20.50
		1	99	19.84	20.04	19.70	20.50
		50	0	19.52	19.86	19.86	20.50
		50	25	19.87	19.97	19.96	20.50
		50	50	19.97	19.97	19.89	20.50
		100	0	19.86	19.82	19.93	20.50

LTE Band 66 state10				**Conducted Power(dBm)**			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131979	132322	132665	
1.4MHz	QPSK	1	0	17.12	17.23	17.11	18.00

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		1	2	17.11	17.34	17.35	18.00
		1	5	17.35	17.72	17.13	18.00
		3	0	17.12	17.29	17.26	18.00
		3	1	17.30	17.42	17.32	18.00
		3	3	17.19	17.38	17.29	18.00
		6	0	17.25	17.34	17.32	18.00
	16QAM	1	0	17.59	17.50	17.33	18.00
		1	2	17.65	17.63	17.45	18.00
		1	5	17.48	17.61	17.36	18.00
		3	0	17.23	17.26	17.13	18.00
		3	1	17.34	17.42	17.42	18.00
		3	3	17.31	17.43	17.35	18.00
		6	0	17.31	17.23	17.42	18.00
	64QAM	1	0	17.27	17.23	17.33	18.00
		1	2	17.52	17.45	17.42	18.00
		1	5	17.30	17.55	17.41	18.00
		3	0	17.10	17.29	17.14	18.00
		3	1	17.44	17.30	17.48	18.00
		3	3	17.32	17.40	17.40	18.00
		6	0	17.28	17.26	17.31	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131987	132322	132657	
3MHz	QPSK	1	0	17.10	17.25	17.13	18.00
		1	7	17.12	17.31	17.50	18.00
		1	14	17.43	17.69	17.05	18.00
		8	0	17.13	17.28	17.22	18.00
		8	4	17.38	17.25	17.31	18.00
		8	7	17.33	17.43	17.39	18.00
		15	0	17.37	17.49	17.36	18.00
	16QAM	1	0	17.57	17.52	17.38	18.00
		1	7	17.60	17.70	17.59	18.00
		1	14	17.62	17.64	17.32	18.00
		8	0	17.12	17.44	17.28	18.00
		8	4	17.39	17.47	17.34	18.00
		8	7	17.36	17.58	17.26	18.00
		15	0	17.33	17.40	17.46	18.00
	64QAM	1	0	17.18	17.43	17.30	18.00
		1	7	17.33	17.33	17.52	18.00
		1	14	17.33	17.51	17.43	18.00
		8	0	17.28	17.32	17.26	18.00
		8	4	17.50	17.37	17.38	18.00
		8	7	17.30	17.46	17.27	18.00
		15	0	17.25	17.24	17.49	18.00

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Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131997	132322	132647	
5MHz	QPSK	1	0	17.06	17.22	17.11	18.00
		1	13	17.04	17.24	17.47	18.00
		1	24	17.52	17.78	17.09	18.00
		12	0	17.15	17.42	17.30	18.00
		12	6	17.36	17.36	17.31	18.00
		12	13	17.30	17.43	17.28	18.00
		25	0	17.28	17.37	17.29	18.00
	16QAM	1	0	17.68	17.55	17.47	18.00
		1	13	17.56	17.65	17.59	18.00
		1	24	17.46	17.75	17.26	18.00
		12	0	17.30	17.39	17.33	18.00
		12	6	17.32	17.32	17.41	18.00
		12	13	17.38	17.38	17.27	18.00
		25	0	17.33	17.26	17.44	18.00
	64QAM	1	0	17.21	17.24	17.26	18.00
		1	13	17.41	17.29	17.58	18.00
		1	24	17.32	17.63	17.47	18.00
		12	0	17.13	17.20	17.22	18.00
		12	6	17.48	17.32	17.31	18.00
		12	13	17.31	17.34	17.31	18.00
		25	0	17.40	17.32	17.38	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132022	132322	132622	
10MHz	QPSK	1	0	17.17	17.18	17.19	18.00
		1	25	17.09	17.26	17.37	18.00
		1	49	17.42	17.65	17.16	18.00
		25	0	17.13	17.31	17.29	18.00
		25	13	17.22	17.38	17.25	18.00
		25	25	17.22	17.42	17.44	18.00
		50	0	17.38	17.37	17.23	18.00
	16QAM	1	0	17.65	17.53	17.38	18.00
		1	25	17.58	17.69	17.42	18.00
		1	49	17.51	17.62	17.41	18.00
		25	0	17.28	17.45	17.23	18.00
		25	13	17.24	17.28	17.26	18.00
		25	25	17.35	17.52	17.32	18.00
		50	0	17.36	17.23	17.29	18.00
	64QAM	1	0	17.24	17.42	17.25	18.00
		1	25	17.51	17.42	17.47	18.00
		1	49	17.40	17.65	17.45	18.00
		25	0	17.18	17.30	17.22	18.00

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		25	13	17.47	17.28	17.34	18.00
		25	25	17.44	17.54	17.26	18.00
		50	0	17.41	17.38	17.32	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132047	132322	132597	
15MHz	QPSK	1	0	17.06	17.19	17.08	18.00
		1	38	17.23	17.25	17.52	18.00
		1	74	17.49	17.62	17.15	18.00
		36	0	17.15	17.27	17.29	18.00
		36	18	17.22	17.32	17.38	18.00
		36	39	17.30	17.54	17.26	18.00
		75	0	17.29	17.38	17.42	18.00
	16QAM	1	0	17.54	17.54	17.32	18.00
		1	38	17.60	17.74	17.52	18.00
		1	74	17.51	17.75	17.40	18.00
		36	0	17.14	17.29	17.19	18.00
		36	18	17.29	17.29	17.40	18.00
		36	39	17.40	17.39	17.27	18.00
		75	0	17.38	17.35	17.38	18.00
	64QAM	1	0	17.30	17.35	17.26	18.00
		1	38	17.43	17.30	17.58	18.00
		1	74	17.27	17.61	17.54	18.00
		36	0	17.23	17.31	17.21	18.00
		36	18	17.43	17.31	17.45	18.00
		36	39	17.39	17.38	17.36	18.00
		75	0	17.21	17.41	17.49	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132072	132322	132572	
20MHz	QPSK	1	0	17.09	17.22	17.14	18.00
		1	50	17.13	17.34	17.45	18.00
		1	99	17.43	17.80	17.15	18.00
		50	0	17.21	17.32	17.26	18.00
		50	25	17.32	17.33	17.35	18.00
		50	50	17.29	17.46	17.35	18.00
		100	0	17.31	17.40	17.33	18.00
	16QAM	1	0	17.64	17.51	17.41	18.00
		1	50	17.56	17.73	17.52	18.00
		1	99	17.55	17.68	17.34	18.00
		50	0	17.21	17.36	17.23	18.00
		50	25	17.30	17.37	17.33	18.00
		50	50	17.35	17.48	17.35	18.00
		100	0	17.30	17.30	17.36	18.00
	64QAM	1	0	17.27	17.33	17.33	18.00

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		1	50	17.42	17.38	17.52	18.00
		1	99	17.35	17.56	17.46	18.00
		50	0	17.18	17.30	17.20	18.00
		50	25	17.41	17.35	17.40	18.00
		50	50	17.34	17.44	17.36	18.00
		100	0	17.31	17.32	17.39	18.00

LTE Band 38 state3				**Conducted Power(dBm)**			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37775	38000	38225	
5MHz	QPSK	1	0	22.58	22.45	22.41	23.00
		1	13	22.42	22.44	22.56	23.00
		1	24	22.45	22.39	22.43	23.00
		12	0	22.80	22.67	22.64	23.00
		12	6	22.67	22.61	22.57	23.00
		12	13	22.81	22.53	22.57	23.00
		25	0	22.89	22.69	22.70	23.00
	16QAM	1	0	22.66	22.61	22.41	23.00
		1	13	22.57	22.74	22.71	23.00
		1	24	22.52	22.53	22.43	23.00
		12	0	22.66	22.47	22.35	23.00
		12	6	22.70	22.48	22.45	23.00
		12	13	22.42	22.57	22.31	23.00
		25	0	22.36	22.53	22.40	23.00
	64QAM	1	0	22.63	22.50	22.47	23.00
		1	13	22.48	22.67	22.52	23.00
		1	24	22.59	22.42	22.20	23.00
		12	0	21.38	21.44	21.61	22.00
		12	6	21.30	21.36	21.32	22.00
		12	13	21.21	21.25	21.30	22.00
		25	0	21.43	21.34	21.39	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37800	38000	38200	
10MHz	QPSK	1	0	22.57	22.38	22.51	23.00
		1	25	22.69	22.42	22.45	23.00
		1	49	22.50	22.34	22.19	23.00
		25	0	22.64	22.84	22.73	23.00
		25	13	22.74	22.61	22.57	23.00
		25	25	22.67	22.74	22.79	23.00
		50	0	22.86	22.77	22.67	23.00
	16QAM	1	0	22.63	22.79	22.45	23.00

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		1	25	22.80	22.86	22.87	23.00
		1	49	22.50	22.63	22.37	23.00
		25	0	22.61	22.65	22.64	23.00
		25	13	22.62	22.34	22.41	23.00
		25	25	22.59	22.54	22.51	23.00
		50	0	22.64	22.58	22.30	23.00
	64QAM	1	0	22.77	22.50	22.55	23.00
		1	25	22.32	22.64	22.45	23.00
		1	49	22.47	22.48	22.25	23.00
		25	0	21.32	21.54	21.55	22.00
		25	13	21.35	21.27	21.24	22.00
		25	25	21.30	21.50	21.50	22.00
		50	0	21.51	21.50	21.57	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37825	38000	38175	
15MHz	QPSK	1	0	22.64	22.39	22.47	23.00
		1	38	22.64	22.51	22.45	23.00
		1	74	22.45	22.58	22.17	23.00
		36	0	22.64	22.83	22.50	23.00
		36	18	22.84	22.57	22.65	23.00
		36	39	22.87	22.52	22.64	23.00
		75	0	22.79	22.77	22.83	23.00
	16QAM	1	0	22.69	22.66	22.54	23.00
		1	38	22.57	22.63	22.87	23.00
		1	74	22.60	22.78	22.56	23.00
		36	0	22.46	22.55	22.45	23.00
		36	18	22.67	22.37	22.54	23.00
		36	39	22.44	22.41	22.34	23.00
		75	0	22.42	22.47	22.45	23.00
	64QAM	1	0	22.73	22.46	22.52	23.00
		1	38	22.43	22.54	22.43	23.00
		1	74	22.43	22.23	22.33	23.00
		36	0	21.25	21.28	21.41	22.00
		36	18	21.40	21.47	21.17	22.00
		36	39	21.26	21.41	21.44	22.00
		75	0	21.62	21.25	21.34	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37850	38000	38150	
20MHz	QPSK	1	0	22.53	22.49	22.55	23.00
		1	50	22.55	22.57	22.44	23.00
		1	99	22.48	22.44	22.31	23.00
		50	0	22.74	22.73	22.61	23.00
		50	25	22.78	22.69	22.60	23.00

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		50	50	22.77	22.64	22.66	23.00
		100	0	22.76	22.72	22.68	23.00
	16QAM	1	0	22.69	22.71	22.43	23.00
		1	50	22.72	22.74	22.85	23.00
		1	99	22.46	22.64	22.43	23.00
		50	0	22.51	22.50	22.50	23.00
		50	25	22.56	22.46	22.44	23.00
		50	50	22.45	22.48	22.38	23.00
		100	0	22.51	22.49	22.43	23.00
	64QAM	1	0	22.75	22.54	22.51	23.00
		1	50	22.37	22.60	22.44	23.00
		1	99	22.52	22.36	22.26	23.00
		50	0	21.36	21.43	21.49	22.00
		50	25	21.29	21.38	21.31	22.00
		50	50	21.27	21.36	21.45	22.00
		100	0	21.48	21.39	21.49	22.00

LTE Band 38 state5				**Conducted Power(dBm)**			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37775	38000	38225	
5MHz	QPSK	1	0	18.92	18.92	19.02	19.50
		1	13	18.97	18.93	18.97	19.50
		1	24	18.92	19.01	18.86	19.50
		12	0	19.22	19.25	19.23	19.50
		12	6	19.21	19.10	18.97	19.50
		12	13	19.27	18.99	19.13	19.50
		25	0	19.18	19.14	19.06	19.50
	16QAM	1	0	19.11	19.17	19.07	19.50
		1	13	19.03	19.15	19.14	19.50
		1	24	19.03	19.07	18.79	19.50
		12	0	19.37	19.11	19.12	19.50
		12	6	19.21	18.97	19.09	19.50
		12	13	19.04	19.17	19.13	19.50
		25	0	19.21	19.20	19.19	19.50
	64QAM	1	0	19.06	19.04	18.95	19.50
		1	13	19.03	18.99	19.03	19.50
		1	24	18.94	18.98	18.96	19.50
		12	0	19.36	19.13	19.13	19.50
		12	6	19.35	19.13	19.02	19.50
		12	13	19.31	19.24	19.00	19.50
		25	0	19.29	19.25	19.15	19.50

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Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37800	38000	38200	
10MHz	QPSK	1	0	18.80	18.98	18.96	19.50
		1	25	19.04	18.93	19.12	19.50
		1	49	19.00	18.87	18.83	19.50
		25	0	19.20	19.25	19.22	19.50
		25	13	19.31	19.14	19.04	19.50
		25	25	19.22	19.09	19.01	19.50
		50	0	19.17	19.10	19.10	19.50
	16QAM	1	0	19.14	19.14	19.01	19.50
		1	25	19.09	19.09	19.27	19.50
		1	49	18.97	19.09	18.92	19.50
		25	0	19.17	19.25	19.11	19.50
		25	13	19.35	19.01	19.10	19.50
		25	25	19.21	19.21	19.09	19.50
		50	0	19.17	19.25	19.08	19.50
	64QAM	1	0	19.22	19.14	18.93	19.50
		1	25	19.03	19.05	18.96	19.50
		1	49	19.01	19.09	18.80	19.50
		25	0	19.31	19.32	19.17	19.50
		25	13	19.35	19.19	18.93	19.50
		25	25	19.22	19.23	19.03	19.50
		50	0	19.23	19.15	19.11	19.50

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37825	38000	38175	
15MHz	QPSK	1	0	18.73	18.97	19.01	19.50
		1	38	19.12	19.01	18.97	19.50
		1	74	18.98	19.01	18.88	19.50
		36	0	19.22	19.26	19.30	19.50
		36	18	19.20	19.10	18.98	19.50
		36	39	19.31	18.98	19.03	19.50
		75	0	19.18	19.08	18.94	19.50
	16QAM	1	0	19.04	19.24	19.03	19.50
		1	38	19.11	19.01	19.20	19.50
		1	74	19.08	19.12	18.88	19.50
		36	0	19.23	19.11	19.26	19.50
		36	18	19.18	18.95	18.99	19.50
		36	39	19.06	19.27	19.10	19.50
		75	0	19.25	19.16	19.13	19.50
	64QAM	1	0	19.08	19.21	19.04	19.50
		1	38	19.00	18.97	18.99	19.50
		1	74	18.96	18.95	18.83	19.50
		36	0	19.26	19.29	19.29	19.50

		36	18	19.35	19.27	19.03	19.50
		36	39	19.26	19.26	19.05	19.50
		75	0	19.14	19.29	19.01	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37850	38000	38150	
20MHz	QPSK	1	0	18.82	18.94	19.01	19.50
		1	50	19.02	19.00	19.02	19.50
		1	99	18.97	18.91	18.82	19.50
		50	0	19.25	19.18	19.21	19.50
		50	25	19.30	19.10	18.98	19.50
		50	50	19.24	19.06	19.03	19.50
		100	0	19.18	19.10	19.02	19.50
	16QAM	1	0	19.06	19.22	19.08	19.50
		1	50	19.05	19.07	19.20	19.50
		1	99	19.03	19.08	18.85	19.50
		50	0	19.27	19.18	19.17	19.50
		50	25	19.27	19.05	19.03	19.50
		50	50	19.14	19.21	19.15	19.50
		100	0	19.19	19.18	19.15	19.50
	64QAM	1	0	19.16	19.14	18.96	19.50
		1	50	19.07	18.98	18.97	19.50
		1	99	19.00	19.02	18.90	19.50
		50	0	19.27	19.22	19.20	19.50
		50	25	19.26	19.19	18.99	19.50
		50	50	19.23	19.18	19.02	19.50
		100	0	19.23	19.20	19.06	19.50

LTE Band 38 state8				**Conducted Power(dBm)**			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37775	38000	38225	
5MHz	QPSK	1	0	21.07	21.11	21.07	21.50
		1	13	21.05	21.02	20.94	21.50
		1	24	20.96	21.07	20.88	21.50
		12	0	21.20	21.17	21.24	21.50
		12	6	21.32	21.17	21.15	21.50
		12	13	21.32	21.20	21.16	21.50
		25	0	21.35	21.09	21.21	21.50
	16QAM	1	0	20.89	21.22	20.97	21.50
		1	13	21.32	21.24	21.14	21.50
		1	24	21.14	20.70	20.82	21.50
		12	0	21.39	21.26	21.24	21.50

		12	6	21.24	21.29	21.17	21.50
		12	13	21.33	21.27	21.11	21.50
		25	0	21.25	21.18	21.21	21.50
	64QAM	1	0	21.06	21.11	20.88	21.50
		1	13	21.12	21.24	21.01	21.50
		1	24	21.00	21.05	20.47	21.50
		12	0	21.22	21.29	21.35	21.50
		12	6	21.32	21.14	21.28	21.50
		12	13	21.18	21.21	21.22	21.50
		25	0	21.34	21.13	21.18	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37800	38000	38200	
10MHz	QPSK	1	0	21.10	21.12	20.98	21.50
		1	25	20.99	21.16	20.90	21.50
		1	49	21.14	21.01	20.78	21.50
		25	0	21.32	21.18	21.33	21.50
		25	13	21.28	21.29	21.19	21.50
		25	25	21.18	21.26	21.09	21.50
		50	0	21.28	21.21	21.13	21.50
	16QAM	1	0	20.96	21.13	20.88	21.50
		1	25	21.31	21.12	21.03	21.50
		1	49	21.07	20.70	20.83	21.50
		25	0	21.25	21.30	21.13	21.50
		25	13	21.21	21.27	21.18	21.50
		25	25	21.19	21.20	21.15	21.50
		50	0	21.34	21.16	21.27	21.50
	64QAM	1	0	21.11	21.11	20.87	21.50
		1	25	21.25	21.34	20.92	21.50
		1	49	20.84	21.04	20.34	21.50
		25	0	21.23	21.26	21.25	21.50
		25	13	21.22	21.33	21.24	21.50
		25	25	21.26	21.30	21.08	21.50
		50	0	21.33	21.13	21.21	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37825	38000	38175	
15MHz	QPSK	1	0	20.95	21.10	20.90	21.50
		1	38	20.96	21.09	21.01	21.50
		1	74	21.05	20.95	20.73	21.50
		36	0	21.21	21.29	21.27	21.50
		36	18	21.34	21.22	21.29	21.50
		36	39	21.34	21.22	21.17	21.50
		75	0	21.28	21.14	21.36	21.50
	16QAM	1	0	20.91	21.16	20.85	21.50

		1	38	21.24	21.09	21.04	21.50
		1	74	21.17	20.69	20.91	21.50
		36	0	21.25	21.26	21.21	21.50
		36	18	21.33	21.34	21.28	21.50
		36	39	21.34	21.14	21.16	21.50
		75	0	21.34	21.18	21.22	21.50
	64QAM	1	0	20.98	21.10	20.90	21.50
		1	38	21.16	21.26	21.02	21.50
		1	74	21.00	20.89	20.46	21.50
		36	0	21.39	21.17	21.20	21.50
		36	18	21.31	21.18	21.12	21.50
		36	39	21.18	21.18	21.20	21.50
		75	0	21.35	21.29	21.10	21.50

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37850	38000	38150	
20MHz	QPSK	1	0	21.04	21.17	20.97	21.50
		1	50	21.03	21.12	20.94	21.50
		1	99	21.04	21.01	20.81	21.50
		50	0	21.28	21.26	21.24	21.50
		50	25	21.33	21.21	21.22	21.50
		50	50	21.28	21.20	21.12	21.50
		100	0	21.30	21.19	21.19	21.50
	16QAM	1	0	20.94	21.13	20.94	21.50
		1	50	21.23	21.17	21.10	21.50
		1	99	21.09	20.74	20.92	21.50
		50	0	21.32	21.26	21.20	21.50
		50	25	21.31	21.28	21.19	21.50
		50	50	21.29	21.20	21.16	21.50
		100	0	21.31	21.24	21.18	21.50
	64QAM	1	0	21.08	21.19	20.95	21.50
		1	50	21.18	21.29	20.94	21.50
		1	99	20.93	20.98	20.44	21.50
		50	0	21.30	21.26	21.26	21.50
		50	25	21.30	21.23	21.18	21.50
		50	50	21.28	21.23	21.14	21.50
		100	0	21.29	21.21	21.20	21.50

LTE Band 38 state10				**Conducted Power(dBm)**			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37775	38000	38225	
5MHz	QPSK	1	0	17.99	18.09	17.99	18.50

		1	13	18.10	18.03	18.05	18.50
		1	24	18.02	17.86	17.76	18.50
		12	0	18.32	18.15	18.15	18.50
		12	6	18.18	18.12	18.09	18.50
		12	13	18.31	18.13	18.01	18.50
		25	0	18.21	18.13	18.05	18.50
	16QAM	1	0	17.97	18.12	18.03	18.50
		1	13	18.14	18.19	17.95	18.50
		1	24	18.21	18.02	17.83	18.50
		12	0	18.19	18.04	18.17	18.50
		12	6	18.39	18.07	18.18	18.50
		12	13	18.19	18.04	18.08	18.50
		25	0	18.29	18.14	17.96	18.50
	64QAM	1	0	18.11	18.16	18.14	18.50
		1	13	18.15	18.09	17.90	18.50
		1	24	17.89	17.90	17.92	18.50
		12	0	18.19	18.12	18.23	18.50
		12	6	18.22	18.19	18.05	18.50
		12	13	18.36	18.07	17.93	18.50
		25	0	18.27	18.09	18.11	18.50

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37800	38000	38200	
10MHz	QPSK	1	0	17.96	18.08	17.90	18.50
		1	25	17.98	17.95	17.96	18.50
		1	49	18.08	18.00	17.85	18.50
		25	0	18.33	18.07	18.19	18.50
		25	13	18.28	18.21	18.22	18.50
		25	25	18.27	18.04	17.99	18.50
		50	0	18.25	18.18	18.04	18.50
	16QAM	1	0	18.14	18.23	18.07	18.50
		1	25	18.15	18.12	18.04	18.50
		1	49	18.12	17.90	17.85	18.50
		25	0	18.14	18.14	18.17	18.50
		25	13	18.28	18.13	18.22	18.50
		25	25	18.32	18.20	18.16	18.50
		50	0	18.14	18.24	18.04	18.50
	64QAM	1	0	18.12	18.03	18.12	18.50
		1	25	18.08	18.06	17.82	18.50
		1	49	17.79	17.95	17.89	18.50
		25	0	18.20	18.08	18.21	18.50
		25	13	18.20	18.15	18.00	18.50
		25	25	18.28	18.04	17.97	18.50
		50	0	18.31	18.07	18.11	18.50

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Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37825	38000	38175	
15MHz	QPSK	1	0	18.06	18.09	17.91	18.50
		1	38	18.08	17.91	18.06	18.50
		1	74	18.05	17.90	17.68	18.50
		36	0	18.32	18.18	18.03	18.50
		36	18	18.26	18.17	18.09	18.50
		36	39	18.32	18.09	17.95	18.50
		75	0	18.23	18.11	18.13	18.50
	16QAM	1	0	18.07	18.09	18.10	18.50
		1	38	18.29	18.04	17.94	18.50
		1	74	18.22	17.90	17.92	18.50
		36	0	18.19	18.13	18.09	18.50
		36	18	18.31	18.05	18.17	18.50
		36	39	18.38	18.14	18.18	18.50
		75	0	18.22	18.21	17.94	18.50
	64QAM	1	0	17.96	18.16	18.03	18.50
		1	38	18.04	18.00	17.84	18.50
		1	74	17.91	17.95	17.94	18.50
		36	0	18.10	18.00	18.17	18.50
		36	18	18.17	18.22	18.04	18.50
		36	39	18.33	18.03	18.12	18.50
		75	0	18.12	18.08	18.15	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37850	38000	38150	
20MHz	QPSK	1	0	17.96	18.05	17.94	18.50
		1	50	18.05	18.00	17.97	18.50
		1	99	17.99	17.91	17.78	18.50
		50	0	18.23	18.13	18.11	18.50
		50	25	18.20	18.15	18.17	18.50
		50	50	18.23	18.13	17.99	18.50
		100	0	18.28	18.18	18.12	18.50
	16QAM	1	0	18.07	18.17	18.00	18.50
		1	50	18.21	18.09	18.04	18.50
		1	99	18.12	17.95	17.89	18.50
		50	0	18.10	18.13	18.18	18.50
		50	25	18.29	18.05	18.12	18.50
		50	50	18.29	18.11	18.12	18.50
		100	0	18.20	18.15	18.00	18.50
	64QAM	1	0	18.02	18.07	18.04	18.50
		1	50	18.14	18.03	17.84	18.50
		1	99	17.81	17.92	17.88	18.50
		50	0	18.19	18.10	18.22	18.50

		50	25	18.22	18.20	17.98	18.50
		50	50	18.27	18.09	18.02	18.50
		100	0	18.21	18.12	18.10	18.50

LTE Band 41 2496 - 2690 PC2 state3				**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	24.65	24.82	24.83	24.54	24.84	25.80
		1	13	25.3	24.96	25.33	25.25	25.1	25.80
		1	24	25.45	24.92	25.26	25.21	25.2	25.80
		12	0	24.7	24.69	25	24.78	24.85	25.30
		12	6	24.99	24.96	24.87	24.89	25.16	25.30
		12	13	24.95	24.95	24.88	24.76	24.87	25.30
		25	0	25.09	25.05	24.92	24.92	25.01	25.30
	16QAM	1	0	24.59	24.46	24.58	24.57	24.67	25.30
		1	13	25.02	24.99	24.9	24.95	25.05	25.30
		1	24	25.04	24.98	25.01	24.96	24.74	25.30
		12	0	23.73	23.91	23.84	23.91	23.96	24.30
		12	6	24.1	23.97	23.95	23.78	23.88	24.30
		12	13	23.8	23.76	23.98	23.73	23.99	24.30
		25	0	23.82	23.94	24.05	23.7	23.97	24.30
	64QAM	1	0	23.95	24.20	24.02	23.94	24.09	24.30
		1	13	24.04	23.89	24.14	23.92	24.08	24.30
		1	24	24.04	23.89	23.97	23.91	24.07	24.30
		12	0	22.70	22.67	22.89	22.84	22.72	23.30
		12	6	22.89	22.93	22.88	22.80	22.96	23.30
		12	13	22.97	22.65	22.85	22.76	22.75	23.30
		25	0	22.94	22.73	22.93	22.72	22.59	23.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39700	40160	40620	41080	41540	
10MHz	QPSK	1	0	24.55	24.81	24.75	24.47	24.76	25.80
		1	25	25.14	24.95	25.08	25.28	25.29	25.80
		1	49	25.44	24.96	25.4	25.11	25.22	25.80
		25	0	24.73	24.77	24.82	24.64	24.9	25.30
		25	13	24.9	24.91	24.9	24.62	24.99	25.30
		25	25	25.15	24.96	24.78	24.64	24.97	25.30
		50	0	24.96	24.99	24.94	24.92	25.06	25.30
	16QAM	1	0	24.68	24.59	24.56	24.49	24.54	25.30
		1	25	25.17	25.05	24.96	24.82	24.95	25.30
		1	49	24.97	24.78	24.94	24.79	24.93	25.30
		25	0	23.87	23.75	23.74	23.81	23.79	24.30

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		25	13	23.98	24.1	24.07	23.74	23.91	24.30
		25	25	23.92	23.92	23.92	23.78	24.04	24.30
		50	0	23.78	23.91	23.94	23.69	24.02	24.30
	64QAM	1	0	24.20	24.00	24.16	23.95	24.09	24.30
		1	25	24.14	24.02	24.09	23.84	23.94	24.30
		1	49	24.05	23.91	23.85	24.12	24.07	24.30
		25	0	22.92	22.56	22.87	22.68	22.80	23.30
		25	13	22.77	22.77	22.88	22.85	22.80	23.30
		25	25	22.72	22.69	22.93	22.66	22.61	23.30
		50	0	22.73	22.89	22.96	22.84	22.67	23.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39725	40173	40620	41068	41515	
15MHz	QPSK	1	0	24.67	24.86	24.62	24.66	24.64	25.80
		1	38	25.15	25.06	25.15	25.3	25.26	25.80
		1	74	25.28	24.96	25.32	25.11	25.3	25.80
		36	0	24.99	24.76	24.92	24.55	24.66	25.30
		36	18	24.7	25.03	24.86	24.65	24.92	25.30
		36	39	25.15	24.8	24.94	24.92	24.77	25.30
		75	0	25.01	25.04	24.85	24.74	24.94	25.30
	16QAM	1	0	24.48	24.61	24.58	24.3	24.58	25.30
		1	38	24.95	24.98	24.93	24.7	25.11	25.30
		1	74	25	24.74	24.98	24.96	24.84	25.30
		36	0	23.88	23.8	23.86	23.91	23.94	24.30
		36	18	24.04	23.88	23.87	23.94	24.12	24.30
		36	39	23.99	23.95	23.94	23.63	23.89	24.30
		75	0	23.77	23.91	23.97	23.91	24.04	24.30
	64QAM	1	0	23.99	24.17	24.15	24.03	23.86	24.30
		1	38	23.96	24.10	23.96	24.00	23.93	24.30
		1	74	23.96	23.82	23.97	23.90	24.05	24.30
		36	0	22.81	22.60	22.62	22.59	22.83	23.30
		36	18	22.65	22.87	22.86	22.85	22.78	23.30
		36	39	22.79	22.62	22.72	22.82	22.58	23.30
		75	0	22.80	22.70	22.89	22.70	22.85	23.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39750	40185	40620	41055	41490	
20MHz	QPSK	1	0	24.63	24.82	24.68	24.51	24.7	25.80
		1	50	25.15	24.96	25.2	25.23	25.23	25.80
		1	99	25.3	24.88	25.28	25.15	25.3	25.80
		50	0	24.85	24.82	24.91	24.7	24.81	25.30
		50	25	24.85	24.92	24.91	24.75	25.01	25.30
		50	50	25	24.86	24.93	24.77	24.86	25.30
		100	0	25.04	24.9	24.97	24.77	25.02	25.30
	16QAM	1	0	24.56	24.61	24.58	24.42	24.54	25.30

		1	50	25.02	24.97	24.98	24.84	24.98	25.30
		1	99	24.95	24.85	24.93	24.81	24.89	25.30
		50	0	23.82	23.82	23.88	23.77	23.87	24.30
		50	25	23.99	23.95	24	23.87	23.99	24.30
		50	50	23.91	23.9	23.95	23.77	23.95	24.30
		100	0	23.91	23.99	23.98	23.8	23.99	24.30
	64QAM	1	0	24.09	24.07	24.07	24.08	23.99	24.30
		1	50	23.99	24.03	24.01	23.92	23.99	24.30
		1	99	24.01	23.93	23.99	24.00	24.04	24.30
		50	0	22.79	22.71	22.76	22.71	22.85	23.30
		50	25	22.80	22.92	22.86	22.93	22.86	23.30
		50	50	22.84	22.73	22.82	22.81	22.73	23.30
		100	0	22.86	22.76	22.83	22.81	22.74	23.30

LTE Band 41 2496 - 2690 PC2 state5				**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	20.08	20.21	20.52	20.19	20.2	20.80
		1	13	20.1	20.09	20.19	20.21	20.2	20.80
		1	24	20.04	20.04	20.39	20.21	20.36	20.80
		12	0	20.14	20.14	20.14	20.2	20	20.80
		12	6	20.26	20.28	20.21	20.14	20.09	20.80
		12	13	20.13	20.03	20.32	20.3	20.12	20.80
		25	0	20.12	20.01	20.33	20.07	20.09	20.80
	16QAM	1	0	20.48	20.43	20.26	20.61	20.55	20.80
		1	13	20.31	20.33	20.37	20.16	20.24	20.80
		1	24	20.39	20.53	20.38	20.43	20.51	20.80
		12	0	20.13	20.08	20.17	20.12	20.24	20.80
		12	6	20.14	20.21	20.38	20.08	20.15	20.80
		12	13	20.01	20.07	20.19	20.12	20.26	20.80
		25	0	20.11	20.27	20.32	20.04	20.14	20.80
	64QAM	1	0	20.40	20.39	20.62	20.21	20.22	20.80
		1	13	20.40	20.39	20.24	20.32	20.20	20.80
		1	24	20.28	20.23	20.17	20.22	20.28	20.80
		12	0	20.08	20.12	20.24	19.99	20.09	20.80
		12	6	20.16	20.09	20.17	19.99	19.96	20.80
		12	13	20.29	20.18	20.25	20.09	20.15	20.80
		25	0	20.17	20.28	20.33	20.08	20.02	20.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39700	40160	40620	41080	41540	
10MHz	QPSK	1	0	20.08	20.28	20.44	20.23	20.17	20.80

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		1	25	20.18	20.14	20.16	20.34	20.25	20.80
		1	49	20.1	20.17	20.24	20.3	20.17	20.80
		25	0	20.06	20.06	20.21	20.16	20.16	20.80
		25	13	20.28	20.31	20.28	20.14	20	20.80
		25	25	20.13	20.22	20.31	20.13	20.23	20.80
		50	0	20.15	20.03	20.3	20.2	20.17	20.80
	16QAM	1	0	20.47	20.29	20.2	20.54	20.48	20.80
		1	25	20.29	20.26	20.38	20.23	20.19	20.80
		1	49	20.43	20.49	20.47	20.37	20.49	20.80
		25	0	20.15	20.04	20.31	20.18	20.1	20.80
		25	13	20.18	20.15	20.37	20.03	20.2	20.80
		25	25	20.01	20.2	20.21	20.17	20.16	20.80
		50	0	20.14	20.24	20.18	20.04	20.14	20.80
	64QAM	1	0	20.30	20.32	20.65	20.26	20.06	20.80
		1	25	20.38	20.38	20.24	20.16	20.08	20.80
		1	49	20.18	20.22	20.31	20.30	20.25	20.80
		25	0	20.06	20.14	20.25	20.02	20.20	20.80
		25	13	20.24	20.07	20.35	19.96	19.97	20.80
		25	25	20.20	20.18	20.16	20.16	20.22	20.80
		50	0	20.27	20.22	20.19	20.12	20.02	20.80

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39725	40173	40620	41068	41515	
15MHz	QPSK	1	0	20.09	20.17	20.35	20.12	20.34	20.80
		1	38	20.25	20.09	20.19	20.16	20.26	20.80
		1	74	20.14	20.11	20.42	20.35	20.29	20.80
		36	0	20.14	20.03	20.15	20.06	20	20.80
		36	18	20.25	20.21	20.29	20.28	20.04	20.80
		36	39	20.22	20.22	20.17	20.27	20.19	20.80
		75	0	20.18	19.98	20.26	20.04	20.17	20.80
	16QAM	1	0	20.4	20.42	20.23	20.61	20.55	20.80
		1	38	20.22	20.16	20.39	20.12	20.14	20.80
		1	74	20.36	20.44	20.33	20.34	20.37	20.80
		36	0	20.19	20.22	20.25	20.11	20.17	20.80
		36	18	20.16	20.1	20.31	20.18	20.13	20.80
		36	39	20.11	20.2	20.19	20.23	20.2	20.80
		75	0	20.24	20.22	20.15	20.08	20.08	20.80
	64QAM	1	0	20.37	20.27	20.64	20.26	20.26	20.80
		1	38	20.40	20.23	20.19	20.31	20.11	20.80
		1	74	20.33	20.21	20.25	20.31	20.32	20.80
		36	0	20.09	20.14	20.07	19.98	20.02	20.80
		36	18	20.23	20.19	20.23	19.91	19.99	20.80
		36	39	20.30	20.18	20.24	20.10	20.24	20.80
		75	0	20.25	20.29	20.28	20.06	20.04	20.80

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39750	40185	40620	41055	41490	
20MHz	QPSK	1	0	20.12	20.21	20.43	20.22	20.27	20.80
		1	50	20.18	20.14	20.09	20.24	20.27	20.80
		1	99	20.08	20.08	20.34	20.28	20.27	20.80
		50	0	20.1	20.13	20.23	20.1	20.08	20.80
		50	25	20.18	20.26	20.3	20.18	20.1	20.80
		50	50	20.15	20.13	20.24	20.23	20.16	20.80
		100	0	20.16	20.07	20.31	20.12	20.07	20.80
	16QAM	1	0	20.38	20.38	20.28	20.51	20.55	20.80
		1	50	20.26	20.24	20.35	20.19	20.22	20.80
		1	99	20.35	20.44	20.42	20.43	20.43	20.80
		50	0	20.11	20.13	20.22	20.11	20.15	20.80
		50	25	20.19	20.13	20.31	20.12	20.1	20.80
		50	50	20.1	20.17	20.25	20.19	20.21	20.80
		100	0	20.19	20.19	20.23	20.02	20.11	20.80
	64QAM	1	0	20.30	20.30	20.59	20.16	20.16	20.80
		1	50	20.39	20.32	20.18	20.25	20.16	20.80
		1	99	20.27	20.28	20.23	20.29	20.26	20.80
		50	0	20.07	20.05	20.17	20.07	20.11	20.80
		50	25	20.19	20.11	20.26	20.00	20.06	20.80
		50	50	20.24	20.19	20.24	20.06	20.14	20.80
		100	0	20.21	20.29	20.27	20.16	20.08	20.80

LTE Band 41 2496 - 2690 PC2 state8				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	23.11	23.49	23.25	23.2	23.28	23.80
		1	13	23.56	23.28	23.44	22.93	23.44	23.80
		1	24	23.39	23.32	23.28	23.15	23.52	23.80
		12	0	23.43	23.28	23.23	22.99	23.22	23.80
		12	6	23.53	23.18	23.31	23.16	23.57	23.80
		12	13	23.64	23.38	23.22	23.09	23.49	23.80
		25	0	23.41	23.18	23.25	23.19	23.1	23.80
	16QAM	1	0	23.51	23.51	23.54	23.07	23.26	23.80
		1	13	23.37	23.48	23.47	23.23	23.22	23.80
		1	24	23.31	23.36	23.44	23.41	23.64	23.80
		12	0	23.12	23.21	23.42	23.03	23.09	23.80
		12	6	23.21	23.48	23.43	23.15	23.41	23.80
		12	13	23.37	23.35	23.3	23.25	23.3	23.80
		25	0	23.23	23.45	23.32	23.15	23.3	23.80

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	64QAM	1	0	23.39	23.24	23.47	23.06	23.50	23.80
		1	13	23.35	23.07	23.07	23.35	23.43	23.80
		1	24	22.89	23.25	23.04	23.24	23.07	23.80
		12	0	23.13	23.02	23.21	23.07	22.90	23.30
		12	6	23.04	23.05	23.28	23.03	22.92	23.30
		12	13	23.30	23.08	23.10	23.27	23.03	23.30
		25	0	22.91	23.03	23.20	23.16	23.10	23.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39700	40160	40620	41080	41540	
10MHz	QPSK	1	0	23.22	23.36	23.34	23.17	23.33	23.80
		1	25	23.5	23.3	23.39	22.95	23.39	23.80
		1	49	23.31	23.28	23.4	23.01	23.54	23.80
		25	0	23.29	23.3	23.33	23.25	23.18	23.80
		25	13	23.43	23.3	23.24	23.12	23.62	23.80
		25	25	23.38	23.28	23.33	23.12	23.45	23.80
		50	0	23.57	23.46	23.35	23.05	23.18	23.80
	16QAM	1	0	23.72	23.45	23.44	23.29	23.19	23.80
		1	25	23.28	23.32	23.38	23.23	23.41	23.80
		1	49	23.36	23.43	23.53	23.34	23.7	23.80
		25	0	23.27	23.24	23.45	23.17	23.31	23.80
		25	13	23.24	23.5	23.3	23.06	23.62	23.80
		25	25	23.12	23.21	23.39	23.26	23.46	23.80
		50	0	23.31	23.25	23.28	23.17	23.13	23.80
	64QAM	1	0	23.16	23.20	23.51	23.00	23.55	23.80
		1	25	23.30	23.00	23.25	23.24	23.42	23.80
		1	49	22.82	23.30	22.98	23.48	23.24	23.80
		25	0	23.27	23.01	22.98	23.08	23.13	23.30
		25	13	22.88	23.28	23.18	23.22	22.97	23.30
		25	25	23.01	22.97	23.05	23.19	23.07	23.30
		50	0	23.16	23.23	23.23	23.18	23.13	23.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39725	40173	40620	41068	41515	
15MHz	QPSK	1	0	23.09	23.3	23.21	23.23	23.43	23.80
		1	38	23.41	23.29	23.38	23.09	23.19	23.80
		1	74	23.4	23.1	23.42	23.11	23.44	23.80
		36	0	23.49	23.1	23.36	23.15	23.14	23.80
		36	18	23.33	23.41	23.45	23.31	23.61	23.80
		36	39	23.63	23.34	23.19	23.03	23.39	23.80
		75	0	23.43	23.3	23.25	23.13	23.21	23.80
	16QAM	1	0	23.6	23.47	23.57	23.2	23.32	23.80
		1	38	23.21	23.34	23.24	23.23	23.39	23.80
		1	74	23.22	23.44	23.44	23.44	23.61	23.80
		36	0	23.32	23.23	23.37	23.04	23.09	23.80

		36	18	23.14	23.27	23.25	23.14	23.6	23.80
		36	39	23.11	23.4	23.31	23.17	23.34	23.80
		75	0	23.32	23.41	23.22	23.02	23.29	23.80
	64QAM	1	0	23.29	23.28	23.37	23.05	23.64	23.80
		1	38	23.24	22.94	23.03	23.19	23.31	23.80
		1	74	22.86	23.10	23.20	23.53	23.01	23.80
		36	0	23.28	22.94	22.99	23.00	22.89	23.30
		36	18	22.88	23.22	23.04	23.01	22.91	23.30
		36	39	23.00	23.19	23.20	23.26	23.17	23.30
		75	0	23.16	23.13	23.05	23.20	23.20	23.30

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39750	40185	40620	41055	41490	
20MHz	QPSK	1	0	23.15	23.34	23.35	23.25	23.34	23.80
		1	50	23.42	23.25	23.33	23.07	23.33	23.80
		1	99	23.33	23.2	23.34	23.05	23.51	23.80
		50	0	23.38	23.25	23.29	23.11	23.29	23.80
		50	25	23.43	23.3	23.39	23.16	23.58	23.80
		50	50	23.5	23.27	23.34	23.02	23.42	23.80
		100	0	23.44	23.33	23.36	23.13	23.25	23.80
	16QAM	1	0	23.65	23.43	23.48	23.19	23.32	23.80
		1	50	23.32	23.33	23.32	23.15	23.29	23.80
		1	99	23.29	23.44	23.43	23.3	23.62	23.80
		50	0	23.17	23.31	23.32	23.13	23.18	23.80
		50	25	23.25	23.36	23.37	23.18	23.51	23.80
		50	50	23.24	23.32	23.3	23.14	23.42	23.80
		100	0	23.23	23.34	23.32	23.15	23.23	23.80
	64QAM	1	0	23.29	23.33	23.36	22.99	23.50	23.80
		1	50	23.28	22.99	23.13	23.22	23.29	23.80
		1	99	22.94	23.16	23.08	23.39	23.14	23.80
		50	0	23.21	23.05	23.11	23.10	23.03	23.30
		50	25	23.02	23.14	23.18	23.16	22.98	23.30
		50	50	23.15	23.10	23.13	23.12	23.15	23.30
		100	0	23.02	23.14	23.12	23.09	23.17	23.30

LTE Band 41 2496 - 2690 PC2 state10				**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	19.3	19.35	19.3	19.46	19.38	19.80
		1	13	19.35	19.33	19.34	19.27	19.21	19.80
		1	24	19.17	19.1	19.1	19.46	19.43	19.80
		12	0	19.18	19.1	19.27	19.21	19.23	19.80

		12	6	19.13	19.17	19.38	19.17	19.11	19.80
		12	13	19.14	19.1	19.18	19.2	19.21	19.80
		25	0	19.24	19.16	19.37	19.15	19.06	19.80
	16QAM	1	0	19.25	19.32	19.47	19.6	19.54	19.80
		1	13	19.58	19.56	19.61	19.26	19.38	19.80
		1	24	19.19	19.09	19.37	19.48	19.53	19.80
		12	0	19.17	19.04	19.32	19.2	19.03	19.80
		12	6	19.26	19.17	19.37	18.99	19.25	19.80
		12	13	19.24	19.17	19.31	19.16	19.18	19.80
		25	0	19.07	18.99	19.26	19.21	19.14	19.80
	64QAM	1	0	19.08	19.04	19.45	19.46	19.39	19.80
		1	13	19.37	19.45	19.45	19.24	19.30	19.80
		1	24	19.00	18.94	19.35	19.34	19.26	19.80
		12	0	18.95	19.12	19.22	18.94	19.10	19.80
		12	6	19.02	19.13	19.38	19.06	19.25	19.80
		12	13	19.06	19.16	19.28	19.20	19.14	19.80
		25	0	19.27	19.10	19.36	18.99	19.15	19.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39700	40160	40620	41080	41540	
10MHz	QPSK	1	0	19.28	19.38	19.3	19.46	19.26	19.80
		1	25	19.35	19.33	19.33	19.22	19.31	19.80
		1	49	19.16	19.15	19.16	19.42	19.32	19.80
		25	0	19.16	19.13	19.22	19.19	19.11	19.80
		25	13	19.26	19.1	19.24	19.16	19.11	19.80
		25	25	19.09	19.19	19.33	19.17	19.13	19.80
		50	0	19.11	19.25	19.25	19.21	19.06	19.80
	16QAM	1	0	19.28	19.31	19.56	19.59	19.44	19.80
		1	25	19.58	19.54	19.47	19.29	19.45	19.80
		1	49	19.22	19.05	19.42	19.37	19.4	19.80
		25	0	19.17	19.11	19.17	19.1	19.04	19.80
		25	13	19.17	19.17	19.39	19.15	19.19	19.80
		25	25	19.11	19.27	19.38	19.21	19.23	19.80
		50	0	19.24	19.07	19.25	19.24	19.03	19.80
	64QAM	1	0	18.99	19.08	19.31	19.41	19.52	19.80
		1	25	19.36	19.32	19.45	19.37	19.33	19.80
		1	49	19.06	19.04	19.34	19.46	19.45	19.80
		25	0	19.07	19.03	19.07	18.87	18.99	19.80
		25	13	19.03	19.25	19.34	19.11	19.19	19.80
		25	25	18.97	19.13	19.28	19.20	19.10	19.80
		50	0	19.15	19.06	19.31	19.15	19.15	19.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39725	40173	40620	41068	41515	
15MHz	QPSK	1	0	19.37	19.37	19.3	19.26	19.29	19.80

		1	38	19.33	19.25	19.17	19.16	19.32	19.80
		1	74	19.25	19.19	19.21	19.41	19.36	19.80
		36	0	19.22	19.07	19.34	19.27	19.15	19.80
		36	18	19.18	19.27	19.34	19.15	19.13	19.80
		36	39	19.07	19.2	19.26	19.31	19.16	19.80
		75	0	19.07	19.18	19.37	19.28	19.2	19.80
	16QAM	1	0	19.34	19.31	19.56	19.51	19.56	19.80
		1	38	19.54	19.42	19.57	19.27	19.47	19.80
		1	74	19.24	19.08	19.48	19.54	19.45	19.80
		36	0	19.13	19.16	19.35	19.1	19.01	19.80
		36	18	19.19	19.25	19.27	18.96	19.21	19.80
		36	39	19.07	19.23	19.34	19.09	19.23	19.80
		75	0	19.1	19.04	19.2	19.1	19.12	19.80
	64QAM	1	0	18.94	18.98	19.34	19.49	19.42	19.80
		1	38	19.38	19.51	19.34	19.38	19.40	19.80
		1	74	19.04	18.98	19.44	19.35	19.29	19.80
		36	0	19.01	19.09	19.22	18.88	19.11	19.80
		36	18	19.08	19.27	19.28	19.17	19.13	19.80
		36	39	19.11	19.10	19.28	19.11	19.16	19.80
		75	0	19.17	19.03	19.32	19.14	19.05	19.80

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39750	40185	40620	41055	41490	
20MHz	QPSK	1	0	19.31	19.38	19.33	19.36	19.29	19.80
		1	50	19.26	19.27	19.24	19.24	19.26	19.80
		1	99	19.19	19.17	19.2	19.41	19.37	19.80
		50	0	19.12	19.05	19.26	19.22	19.13	19.80
		50	25	19.17	19.2	19.31	19.09	19.14	19.80
		50	50	19.13	19.2	19.24	19.25	19.15	19.80
		100	0	19.14	19.2	19.3	19.2	19.14	19.80
	16QAM	1	0	19.31	19.32	19.55	19.53	19.52	19.80
		1	50	19.49	19.46	19.51	19.31	19.37	19.80
		1	99	19.17	19.13	19.47	19.45	19.47	19.80
		50	0	19.17	19.11	19.26	19.14	19.11	19.80
		50	25	19.18	19.27	19.33	19.06	19.15	19.80
		50	50	19.17	19.22	19.3	19.12	19.17	19.80
		100	0	19.17	19.08	19.29	19.14	19.04	19.80
	64QAM	1	0	19.00	19.05	19.38	19.49	19.43	19.80
		1	50	19.35	19.41	19.43	19.30	19.32	19.80
		1	99	19.02	19.04	19.36	19.37	19.35	19.80
		50	0	19.05	19.09	19.16	18.95	19.05	19.80
		50	25	19.12	19.22	19.30	19.07	19.16	19.80
		50	50	19.07	19.11	19.25	19.17	19.17	19.80
		100	0	19.20	19.11	19.26	19.05	19.09	19.80

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LTE Band 41 2496 - 2690 PC3 state3				**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	23.38	23.5	23.52	23.55	23.32	24.50
		1	13	23.29	23.39	23.36	23.22	23.41	24.50
		1	24	23.18	23.43	23.25	23.23	23.34	24.50
		12	0	23.3	23.62	23.46	23.49	23.35	24.00
		12	6	23.48	23.69	23.66	23.26	23.38	24.00
		12	13	23.59	23.6	23.53	23.46	23.59	24.00
		25	0	23.46	23.64	23.68	23.41	23.33	24.00
	16QAM	1	0	23.43	23.38	23.6	23.71	23.51	24.00
		1	13	23.52	23.42	23.62	23.25	23.55	24.00
		1	24	23.43	23.36	23.55	23.59	23.56	24.00
		12	0	22.43	22.76	22.49	22.53	22.57	23.00
		12	6	22.53	22.51	22.56	22.4	22.52	23.00
		12	13	22.5	22.48	22.44	22.35	22.43	23.00
		25	0	22.6	22.58	22.59	22.34	22.49	23.00
	64QAM	1	0	22.66	22.83	22.74	22.56	22.42	23.00
		1	13	22.41	22.53	22.46	22.58	22.32	23.00
		1	24	22.48	22.60	22.46	22.49	22.29	23.00
		12	0	21.61	21.58	21.54	21.63	21.36	22.00
		12	6	21.74	21.48	21.65	21.50	21.60	22.00
		12	13	21.45	21.50	21.57	21.47	21.69	22.00
		25	0	21.48	21.48	21.55	21.49	21.27	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39700	40160	40620	41080	41540	
10MHz	QPSK	1	0	23.29	23.39	23.42	23.52	23.35	24.50
		1	25	23.37	23.38	23.41	23.17	23.3	24.50
		1	49	23.29	23.41	23.26	23.31	23.32	24.50
		25	0	23.46	23.54	23.34	23.48	23.38	24.00
		25	13	23.57	23.73	23.56	23.42	23.31	24.00
		25	25	23.6	23.47	23.49	23.4	23.58	24.00
		50	0	23.42	23.66	23.57	23.34	23.39	24.00
	16QAM	1	0	23.52	23.53	23.54	23.7	23.53	24.00
		1	25	23.57	23.42	23.57	23.26	23.56	24.00
		1	49	23.46	23.27	23.63	23.67	23.41	24.00
		25	0	22.38	22.63	22.54	22.48	22.45	23.00
		25	13	22.53	22.61	22.63	22.35	22.5	23.00
		25	25	22.51	22.47	22.5	22.33	22.4	23.00
		50	0	22.44	22.57	22.57	22.35	22.3	23.00
	64QAM	1	0	22.50	22.74	22.62	22.46	22.31	23.00

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		1	25	22.40	22.45	22.56	22.60	22.38	23.00
		1	49	22.39	22.60	22.50	22.45	22.43	23.00
		25	0	21.68	21.65	21.56	21.52	21.38	22.00
		25	13	21.65	21.62	21.49	21.45	21.56	22.00
		25	25	21.43	21.51	21.57	21.57	21.51	22.00
		50	0	21.59	21.50	21.60	21.56	21.46	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39725	40173	40620	41068	41515	
15MHz	QPSK	1	0	23.34	23.5	23.54	23.53	23.34	24.50
		1	38	23.44	23.43	23.49	23.11	23.47	24.50
		1	74	23.33	23.4	23.37	23.36	23.27	24.50
		36	0	23.43	23.55	23.37	23.44	23.41	24.00
		36	18	23.49	23.54	23.51	23.25	23.31	24.00
		36	39	23.6	23.55	23.49	23.39	23.59	24.00
		75	0	23.46	23.64	23.59	23.43	23.33	24.00
	16QAM	1	0	23.48	23.38	23.52	23.74	23.49	24.00
		1	38	23.49	23.43	23.55	23.3	23.46	24.00
		1	74	23.37	23.37	23.56	23.71	23.43	24.00
		36	0	22.47	22.69	22.52	22.48	22.5	23.00
		36	18	22.41	22.56	22.55	22.45	22.5	23.00
		36	39	22.55	22.48	22.39	22.37	22.42	23.00
		75	0	22.51	22.51	22.59	22.36	22.4	23.00
	64QAM	1	0	22.56	22.73	22.59	22.46	22.34	23.00
		1	38	22.37	22.45	22.36	22.49	22.34	23.00
		1	74	22.37	22.62	22.34	22.58	22.44	23.00
		36	0	21.61	21.55	21.48	21.56	21.43	22.00
		36	18	21.72	21.53	21.51	21.42	21.56	22.00
		36	39	21.47	21.46	21.54	21.55	21.66	22.00
		75	0	21.61	21.57	21.53	21.56	21.33	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39750	40185	40620	41055	41490	
20MHz	QPSK	1	0	23.39	23.42	23.42	23.45	23.42	24.50
		1	50	23.34	23.37	23.40	23.20	23.37	24.50
		1	99	23.45	23.33	23.29	23.31	23.31	24.50
		50	0	23.40	23.55	23.57	23.45	23.33	24.00
		50	25	23.56	23.44	23.55	23.34	23.41	24.00
		50	50	23.52	23.54	23.53	23.40	23.50	24.00
		100	0	23.46	23.66	23.60	23.41	23.41	24.00
	16QAM	1	0	23.49	23.43	23.62	23.64	23.44	24.00
		1	50	23.49	23.52	23.63	23.35	23.53	24.00
		1	99	23.40	23.35	23.62	23.67	23.48	24.00
		50	0	22.41	22.67	22.57	22.43	22.48	23.00
		50	25	22.50	22.59	22.59	22.40	22.42	23.00

		50	50	22.46	22.45	22.46	22.43	22.48	23.00
		100	0	22.51	22.61	22.58	22.35	22.40	23.00
	64QAM	1	0	22.59	22.75	22.64	22.51	22.41	23.00
		1	50	22.41	22.47	22.46	22.55	22.35	23.00
		1	99	22.42	22.57	22.42	22.54	22.37	23.00
		50	0	21.60	21.56	21.50	21.54	21.44	22.00
		50	25	21.72	21.52	21.58	21.51	21.66	22.00
		50	50	21.52	21.53	21.47	21.51	21.59	22.00
		100	0	21.53	21.56	21.53	21.55	21.37	22.00

LTE Band 41 2496 - 2690 PC3 state5				**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	18.32	18.33	18.37	18.42	18.32	19.50
		1	13	18.38	18.47	18.45	18.44	18.39	19.50
		1	24	18.4	18.41	18.39	18.54	18.36	19.50
		12	0	18.35	18.51	18.5	18.49	18.45	19.50
		12	6	18.39	18.29	18.7	18.39	18.51	19.50
		12	13	18.41	18.52	18.49	18.43	18.48	19.50
		25	0	18.56	18.48	18.57	18.5	18.38	19.50
	16QAM	1	0	18.35	18.44	18.58	18.51	18.45	19.50
		1	13	18.39	18.49	18.46	18.33	18.35	19.50
		1	24	18.4	18.47	18.64	18.36	18.42	19.50
		12	0	18.54	18.37	18.48	18.51	18.47	19.50
		12	6	18.41	18.46	18.69	18.39	18.49	19.50
		12	13	18.39	18.43	18.66	18.47	18.38	19.50
		25	0	18.54	18.48	18.53	18.44	18.36	19.50
	64QAM	1	0	18.57	18.49	18.72	18.38	18.43	19.50
		1	13	18.48	18.25	18.36	18.41	18.40	19.50
		1	24	18.23	18.02	18.38	18.59	18.50	19.50
		12	0	18.44	18.47	18.46	18.46	18.48	19.50
		12	6	18.52	18.33	18.61	18.43	18.47	19.50
		12	13	18.49	18.37	18.64	18.35	18.49	19.50
		25	0	18.42	18.58	18.62	18.46	18.42	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39700	40160	40620	41080	41540	
10MHz	QPSK	1	0	18.36	18.32	18.44	18.36	18.35	19.50
		1	25	18.53	18.44	18.42	18.28	18.33	19.50
		1	49	18.35	18.52	18.43	18.6	18.39	19.50
		25	0	18.41	18.45	18.5	18.51	18.36	19.50
		25	13	18.58	18.47	18.67	18.32	18.36	19.50

		25	25	18.4	18.53	18.55	18.39	18.44	19.50
		50	0	18.51	18.45	18.62	18.48	18.53	19.50
	16QAM	1	0	18.31	18.4	18.55	18.5	18.56	19.50
		1	25	18.46	18.47	18.33	18.31	18.34	19.50
		1	49	18.42	18.34	18.64	18.4	18.35	19.50
		25	0	18.48	18.34	18.64	18.39	18.5	19.50
		25	13	18.42	18.66	18.72	18.34	18.4	19.50
		25	25	18.47	18.45	18.6	18.48	18.58	19.50
		50	0	18.58	18.57	18.53	18.42	18.33	19.50
	64QAM	1	0	18.56	18.46	18.58	18.42	18.38	19.50
		1	25	18.50	18.25	18.42	18.44	18.46	19.50
		1	49	18.20	17.99	18.53	18.42	18.39	19.50
		25	0	18.42	18.40	18.54	18.42	18.34	19.50
		25	13	18.38	18.48	18.59	18.26	18.47	19.50
		25	25	18.47	18.38	18.57	18.46	18.50	19.50
		50	0	18.58	18.52	18.62	18.40	18.39	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39725	40173	40620	41068	41515	
15MHz	QPSK	1	0	18.42	18.36	18.37	18.44	18.29	19.50
		1	38	18.37	18.46	18.37	18.3	18.39	19.50
		1	74	18.35	18.34	18.48	18.41	18.34	19.50
		36	0	18.37	18.57	18.62	18.38	18.46	19.50
		36	18	18.45	18.32	18.65	18.37	18.45	19.50
		36	39	18.51	18.51	18.61	18.36	18.58	19.50
		75	0	18.46	18.4	18.59	18.46	18.53	19.50
	16QAM	1	0	18.48	18.51	18.49	18.33	18.55	19.50
		1	38	18.54	18.38	18.48	18.18	18.23	19.50
		1	74	18.38	18.35	18.64	18.48	18.31	19.50
		36	0	18.39	18.5	18.65	18.33	18.5	19.50
		36	18	18.46	18.55	18.69	18.38	18.46	19.50
		36	39	18.36	18.34	18.56	18.53	18.57	19.50
		75	0	18.58	18.62	18.59	18.5	18.33	19.50
	64QAM	1	0	18.43	18.49	18.59	18.47	18.41	19.50
		1	38	18.45	18.24	18.42	18.32	18.53	19.50
		1	74	18.15	18.13	18.53	18.57	18.45	19.50
		36	0	18.41	18.38	18.59	18.45	18.44	19.50
		36	18	18.39	18.41	18.58	18.43	18.38	19.50
		36	39	18.37	18.27	18.65	18.48	18.53	19.50
		75	0	18.55	18.58	18.61	18.51	18.43	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39750	40185	40620	41055	41490	
20MHz	QPSK	1	0	18.42	18.42	18.46	18.41	18.34	19.50
		1	50	18.45	18.51	18.4	18.34	18.32	19.50

		1	99	18.37	18.44	18.43	18.51	18.42	19.50
		50	0	18.45	18.48	18.54	18.41	18.44	19.50
		50	25	18.48	18.38	18.64	18.41	18.46	19.50
		50	50	18.47	18.46	18.54	18.46	18.54	19.50
		100	0	18.52	18.49	18.59	18.46	18.45	19.50
	16QAM	1	0	18.39	18.41	18.54	18.43	18.53	19.50
		1	50	18.45	18.39	18.43	18.28	18.32	19.50
		1	99	18.39	18.41	18.58	18.43	18.33	19.50
		50	0	18.44	18.43	18.56	18.42	18.44	19.50
		50	25	18.49	18.56	18.67	18.3	18.39	19.50
		50	50	18.43	18.35	18.59	18.56	18.48	19.50
		100	0	18.53	18.55	18.62	18.4	18.43	19.50
	64QAM	1	0	18.50	18.53	18.65	18.41	18.38	19.50
		1	50	18.40	18.33	18.32	18.37	18.44	19.50
		1	99	18.13	18.03	18.44	18.52	18.43	19.50
		50	0	18.41	18.40	18.52	18.44	18.44	19.50
		50	25	18.47	18.40	18.62	18.35	18.41	19.50
		50	50	18.40	18.34	18.55	18.43	18.47	19.50
		100	0	18.50	18.56	18.65	18.49	18.41	19.50

LTE Band 41 2496 - 2690 PC3 state8				**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	21.5	21.45	21.64	21.5	21.64	22.50
		1	13	21.38	21.58	21.47	21.29	21.46	22.50
		1	24	21.45	21.43	21.55	21.4	21.48	22.50
		12	0	21.48	21.6	21.6	21.53	21.5	22.50
		12	6	21.52	21.57	21.84	21.44	21.52	22.50
		12	13	21.49	21.46	21.51	21.46	21.54	22.50
		25	0	21.54	21.4	21.7	21.41	21.43	22.50
	16QAM	1	0	21.7	21.41	21.61	21.47	21.55	22.50
		1	13	21.37	21.58	21.67	21.35	21.59	22.50
		1	24	21.34	21.54	21.67	21.58	21.54	22.50
		12	0	21.59	21.57	21.6	21.37	21.42	22.50
		12	6	21.54	21.61	21.62	21.44	21.55	22.50
		12	13	21.62	21.52	21.58	21.51	21.53	22.50
		25	0	21.52	21.57	21.65	21.43	21.32	22.50
	64QAM	1	0	21.41	21.39	21.56	21.35	21.49	22.50
		1	13	21.43	21.51	21.56	21.44	21.38	22.50
		1	24	21.49	21.47	21.35	21.72	21.42	22.50
		12	0	21.46	21.54	21.58	21.56	21.33	22.00

		12	6	21.60	21.73	21.67	21.49	21.52	22.00
		12	13	21.46	21.59	21.65	21.39	21.54	22.00
		25	0	21.49	21.28	21.65	21.41	21.46	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39700	40160	40620	41080	41540	
10MHz	QPSK	1	0	21.57	21.46	21.73	21.42	21.52	22.50
		1	25	21.38	21.51	21.46	21.34	21.4	22.50
		1	49	21.45	21.39	21.48	21.33	21.43	22.50
		25	0	21.44	21.53	21.68	21.52	21.52	22.50
		25	13	21.5	21.49	21.79	21.58	21.52	22.50
		25	25	21.46	21.44	21.57	21.45	21.48	22.50
		50	0	21.52	21.47	21.77	21.39	21.48	22.50
	16QAM	1	0	21.6	21.54	21.74	21.39	21.66	22.50
		1	25	21.49	21.39	21.57	21.44	21.69	22.50
		1	49	21.42	21.45	21.64	21.45	21.51	22.50
		25	0	21.59	21.44	21.59	21.54	21.51	22.50
		25	13	21.58	21.65	21.72	21.48	21.57	22.50
		25	25	21.48	21.54	21.52	21.46	21.43	22.50
		50	0	21.56	21.51	21.7	21.43	21.33	22.50
	64QAM	1	0	21.51	21.56	21.67	21.30	21.40	22.50
		1	25	21.53	21.45	21.57	21.48	21.40	22.50
		1	49	21.44	21.46	21.29	21.52	21.50	22.50
		25	0	21.56	21.42	21.43	21.51	21.52	22.00
		25	13	21.64	21.76	21.62	21.41	21.45	22.00
		25	25	21.42	21.70	21.53	21.53	21.61	22.00
		50	0	21.55	21.26	21.66	21.41	21.48	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39725	40173	40620	41068	41515	
15MHz	QPSK	1	0	21.57	21.46	21.67	21.54	21.63	22.50
		1	38	21.34	21.58	21.43	21.39	21.52	22.50
		1	74	21.45	21.44	21.66	21.43	21.4	22.50
		36	0	21.38	21.61	21.61	21.5	21.55	22.50
		36	18	21.67	21.63	21.85	21.57	21.49	22.50
		36	39	21.51	21.56	21.62	21.47	21.43	22.50
		75	0	21.48	21.38	21.6	21.56	21.51	22.50
	16QAM	1	0	21.58	21.4	21.74	21.37	21.52	22.50
		1	38	21.35	21.57	21.54	21.45	21.74	22.50
		1	74	21.35	21.53	21.55	21.59	21.49	22.50
		36	0	21.64	21.43	21.7	21.54	21.52	22.50
		36	18	21.57	21.74	21.57	21.47	21.61	22.50
		36	39	21.54	21.51	21.6	21.44	21.5	22.50
		75	0	21.51	21.49	21.73	21.59	21.38	22.50
	64QAM	1	0	21.53	21.53	21.56	21.41	21.59	22.50

		1	38	21.57	21.51	21.51	21.38	21.37	22.50
		1	74	21.34	21.50	21.48	21.66	21.39	22.50
		36	0	21.50	21.51	21.47	21.47	21.34	22.00
		36	18	21.52	21.76	21.65	21.29	21.50	22.00
		36	39	21.42	21.61	21.67	21.37	21.55	22.00
		75	0	21.53	21.29	21.71	21.45	21.34	22.00

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39750	40185	40620	41055	41490	
20MHz	QPSK	1	0	21.51	21.49	21.67	21.48	21.6	22.50
		1	50	21.42	21.52	21.53	21.39	21.44	22.50
		1	99	21.39	21.41	21.58	21.39	21.39	22.50
		50	0	21.45	21.51	21.7	21.47	21.55	22.50
		50	25	21.59	21.59	21.7	21.5	21.54	22.50
		50	50	21.49	21.53	21.61	21.47	21.45	22.50
		100	0	21.5	21.46	21.69	21.47	21.51	22.50
	16QAM	1	0	21.62	21.49	21.7	21.39	21.59	22.50
		1	50	21.4	21.48	21.58	21.44	21.67	22.50
		1	99	21.37	21.48	21.64	21.49	21.56	22.50
		50	0	21.54	21.48	21.63	21.44	21.46	22.50
		50	25	21.59	21.64	21.64	21.38	21.51	22.50
		50	50	21.57	21.57	21.62	21.44	21.52	22.50
		100	0	21.56	21.59	21.65	21.49	21.4	22.50
	64QAM	1	0	21.45	21.49	21.64	21.37	21.49	22.50
		1	50	21.50	21.48	21.49	21.44	21.33	22.50
		1	99	21.40	21.52	21.38	21.62	21.47	22.50
		50	0	21.46	21.51	21.49	21.48	21.42	22.00
		50	25	21.61	21.66	21.68	21.39	21.50	22.00
		50	50	21.48	21.66	21.57	21.46	21.51	22.00
		100	0	21.47	21.33	21.65	21.45	21.42	22.00

LTE Band 41 2496 - 2690 PC3 state10				**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	17.38	17.53	17.55	17.35	17.33	18.50
		1	13	17.37	17.39	17.58	17.19	17.37	18.50
		1	24	17.37	17.2	17.52	17.45	17.47	18.50
		12	0	17.38	17.61	17.54	17.64	17.4	18.50
		12	6	17.5	17.37	17.67	17.32	17.42	18.50
		12	13	17.63	17.58	17.49	17.42	17.56	18.50
		25	0	17.5	17.4	17.51	17.47	17.37	18.50
	16QAM	1	0	17.3	17.37	17.65	17.64	17.59	18.50

		1	13	17.41	17.47	17.51	17.46	17.46	18.50
		1	24	17.13	17.36	17.61	17.27	17.53	18.50
		12	0	17.38	17.4	17.46	17.61	17.53	18.50
		12	6	17.44	17.64	17.56	17.46	17.38	18.50
		12	13	17.45	17.61	17.62	17.51	17.55	18.50
		25	0	17.45	17.47	17.54	17.65	17.44	18.50
	64QAM	1	0	17.39	17.35	17.49	17.56	17.52	18.50
		1	13	17.37	17.21	17.41	17.32	17.30	18.50
		1	24	17.34	17.36	17.44	17.34	17.47	18.50
		12	0	17.40	17.37	17.47	17.39	17.43	18.50
		12	6	17.42	17.44	17.41	17.58	17.51	18.50
		12	13	17.48	17.40	17.52	17.65	17.50	18.50
		25	0	17.56	17.55	17.68	17.31	17.31	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39700	40160	40620	41080	41540	
10MHz	QPSK	1	0	17.42	17.35	17.47	17.46	17.47	18.50
		1	25	17.4	17.49	17.38	17.24	17.26	18.50
		1	49	17.23	17.33	17.43	17.51	17.33	18.50
		25	0	17.45	17.53	17.48	17.63	17.58	18.50
		25	13	17.53	17.43	17.52	17.34	17.51	18.50
		25	25	17.44	17.5	17.63	17.62	17.51	18.50
		50	0	17.44	17.43	17.65	17.5	17.57	18.50
	16QAM	1	0	17.37	17.24	17.49	17.58	17.48	18.50
		1	25	17.32	17.32	17.52	17.41	17.45	18.50
		1	49	17.18	17.21	17.67	17.28	17.52	18.50
		25	0	17.41	17.33	17.51	17.6	17.48	18.50
		25	13	17.57	17.53	17.55	17.55	17.41	18.50
		25	25	17.52	17.53	17.58	17.56	17.45	18.50
		50	0	17.46	17.48	17.63	17.46	17.4	18.50
	64QAM	1	0	17.41	17.50	17.49	17.49	17.47	18.50
		1	25	17.39	17.27	17.44	17.30	17.24	18.50
		1	49	17.21	17.24	17.55	17.33	17.38	18.50
		25	0	17.44	17.40	17.58	17.42	17.52	18.50
		25	13	17.48	17.47	17.48	17.68	17.41	18.50
		25	25	17.58	17.57	17.48	17.66	17.48	18.50
		50	0	17.57	17.66	17.50	17.43	17.38	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39725	40173	40620	41068	41515	
15MHz	QPSK	1	0	17.33	17.51	17.5	17.47	17.46	18.50
		1	38	17.46	17.48	17.54	17.37	17.39	18.50
		1	74	17.31	17.14	17.48	17.55	17.42	18.50
		36	0	17.36	17.63	17.5	17.64	17.46	18.50
		36	18	17.45	17.37	17.52	17.38	17.46	18.50

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		36	39	17.51	17.53	17.62	17.56	17.55	18.50
		75	0	17.54	17.48	17.65	17.52	17.56	18.50
	16QAM	1	0	17.47	17.34	17.53	17.58	17.63	18.50
		1	38	17.51	17.33	17.54	17.45	17.44	18.50
		1	74	17.28	17.2	17.47	17.32	17.53	18.50
		36	0	17.44	17.5	17.6	17.48	17.55	18.50
		36	18	17.46	17.64	17.57	17.57	17.4	18.50
		36	39	17.51	17.57	17.7	17.62	17.43	18.50
		75	0	17.41	17.57	17.54	17.45	17.47	18.50
	64QAM	1	0	17.46	17.48	17.42	17.40	17.59	18.50
		1	38	17.27	17.16	17.50	17.35	17.29	18.50
		1	74	17.25	17.29	17.46	17.30	17.30	18.50
		36	0	17.35	17.44	17.45	17.36	17.47	18.50
		36	18	17.44	17.35	17.59	17.68	17.41	18.50
		36	39	17.56	17.48	17.57	17.61	17.62	18.50
		75	0	17.55	17.52	17.70	17.32	17.44	18.50

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39750	40185	40620	41055	41490	
20MHz	QPSK	1	0	17.4	17.45	17.53	17.45	17.41	18.50
		1	50	17.39	17.44	17.48	17.27	17.34	18.50
		1	99	17.31	17.23	17.45	17.48	17.38	18.50
		50	0	17.46	17.56	17.58	17.57	17.5	18.50
		50	25	17.51	17.47	17.62	17.39	17.45	18.50
		50	50	17.53	17.49	17.59	17.52	17.49	18.50
		100	0	17.53	17.44	17.59	17.56	17.47	18.50
	16QAM	1	0	17.39	17.33	17.55	17.58	17.53	18.50
		1	50	17.42	17.39	17.49	17.42	17.43	18.50
		1	99	17.23	17.3	17.57	17.36	17.45	18.50
		50	0	17.47	17.42	17.56	17.56	17.47	18.50
		50	25	17.53	17.6	17.59	17.49	17.46	18.50
		50	50	17.53	17.51	17.63	17.55	17.5	18.50
		100	0	17.49	17.57	17.62	17.55	17.45	18.50
	64QAM	1	0	17.45	17.41	17.48	17.47	17.52	18.50
		1	50	17.36	17.26	17.51	17.34	17.25	18.50
		1	99	17.28	17.30	17.53	17.29	17.38	18.50
		50	0	17.45	17.46	17.55	17.39	17.47	18.50
		50	25	17.51	17.43	17.50	17.58	17.49	18.50
		50	50	17.51	17.49	17.58	17.60	17.58	18.50
		100	0	17.49	17.56	17.60	17.40	17.41	18.50

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4 Conducted Power of Main Antenna (Ant4)

4.1 Conducted Power of GSM

GSM 1900 state3/5/10										
Burst Output Power(dBm)						Division Factors	Frame-Average Output Power(dBm)			
Channel		512	661	810	Tune up		512	661	810	Tune up
GSM(GMSK)	GSM	29.51	29.42	29.63	30.50	-9.19	20.32	20.23	20.44	21.31
GPRS (GMSK)	1 TX Slot	29.54	29.38	29.53	30.50	-9.19	20.35	20.19	20.34	21.31
	2 TX Slots	27.20	26.87	26.66	28.00	-6.18	21.02	20.69	20.48	21.82
	3 TX Slots	25.72	25.29	25.43	26.50	-4.42	21.30	20.87	21.01	22.08
	4 TX Slots	24.66	24.75	24.76	25.50	-3.17	21.49	21.58	21.59	22.33
EGPRS (GMSK)	1 TX Slot	29.45	29.44	29.63	30.50	-9.19	20.26	20.25	20.44	21.31
	2 TX Slots	27.30	26.88	26.65	28.00	-6.18	21.12	20.70	20.47	21.82
	3 TX Slots	25.62	25.24	25.50	26.50	-4.42	21.20	20.82	21.08	22.08
	4 TX Slots	24.50	24.61	24.57	25.50	-3.17	21.33	21.44	21.40	22.33
EGPRS (8PSK)	1 TX Slot	26.07	26.05	26.17	27.00	-9.19	16.88	16.86	16.98	17.81
	2 TX Slots	23.56	23.93	23.34	24.50	-6.18	17.38	17.75	17.16	18.32
	3 TX Slots	21.82	22.16	22.23	23.00	-4.42	17.40	17.74	17.81	18.58
	4 TX Slots	21.42	21.56	21.54	22.50	-3.17	18.25	18.39	18.37	19.33

GSM 1900 state8										
Burst Output Power(dBm)						Division Factors	Frame-Average Output Power(dBm)			
Channel		512	661	810	Tune up		512	661	810	Tune up
GSM(GMSK)	GSM	28.91	28.40	28.63	29.50	-9.19	19.72	19.21	19.44	20.31
GPRS (GMSK)	1 TX Slot	28.84	28.45	28.62	29.50	-9.19	19.65	19.26	19.43	20.31
	2 TX Slots	25.46	25.29	25.77	27.00	-6.18	19.28	19.11	19.59	20.82
	3 TX Slots	23.95	23.73	23.74	25.50	-4.42	19.53	19.31	19.32	21.08
	4 TX Slots	22.67	22.63	22.65	24.50	-3.17	19.50	19.46	19.48	21.33
EGPRS (GMSK)	1 TX Slot	28.76	28.54	28.57	29.50	-9.19	19.57	19.35	19.38	20.31
	2 TX Slots	25.55	25.32	25.86	27.00	-6.18	19.37	19.14	19.68	20.82
	3 TX Slots	24.05	23.77	23.75	25.50	-4.42	19.63	19.35	19.33	21.08
	4 TX Slots	22.54	22.60	22.63	24.50	-3.17	19.37	19.43	19.46	21.33
EGPRS (8PSK)	1 TX Slot	26.05	26.13	26.08	27.00	-9.19	16.86	16.94	16.89	17.81
	2 TX Slots	23.58	23.87	23.26	24.50	-6.18	17.40	17.69	17.08	18.32
	3 TX Slots	21.83	22.24	22.18	23.00	-4.42	17.41	17.82	17.76	18.58
	4 TX Slots	21.35	21.51	21.47	22.50	-3.17	18.18	18.34	18.30	19.33

4.2 Conducted Power of WCDMA

WCDMA Band II state3					
Average Conducted Power(dBm)					
Channel		9262	9400	9538	Tune up
WCDMA	12.2kbps RMC	20.78	20.84	20.73	21.30
	12.2kbps AMR	20.71	20.80	20.66	21.30
HSDPA	Subtest 1	20.22	20.21	20.23	20.30
	Subtest 2	20.23	20.22	20.24	20.30
	Subtest 3	19.39	19.39	19.38	19.80
	Subtest 4	19.35	19.38	19.34	19.80
HSUPA	Subtest 1	19.90	19.85	19.88	20.50
	Subtest 2	17.84	17.85	17.85	18.50
	Subtest 3	18.86	18.81	18.84	19.50
	Subtest 4	17.88	17.87	17.85	18.50
	Subtest 5	20.37	20.35	20.36	20.50
DC-HSDPA	Subtest 1	20.15	20.16	20.14	20.30
	Subtest 2	20.25	20.18	20.28	20.30
	Subtest 3	19.40	19.38	19.40	19.80
	Subtest 4	19.44	19.34	19.43	19.80
HSPA+	16QAM	18.11	18.07	18.07	19.30

WCDMA Band II state5/10					
Average Conducted Power(dBm)					
Channel		9262	9400	9538	Tune up
WCDMA	12.2kbps RMC	24.02	24.04	24.06	24.80
	12.2kbps AMR	23.98	24.01	24.05	24.80
HSDPA	Subtest 1	23.59	23.57	23.60	23.80
	Subtest 2	23.60	23.59	23.62	23.80
	Subtest 3	22.64	22.60	22.62	23.30
	Subtest 4	22.62	22.62	22.60	23.30
HSUPA	Subtest 1	23.62	23.11	23.15	24.00
	Subtest 2	21.11	21.10	21.16	22.00
	Subtest 3	22.07	22.12	22.11	23.00
	Subtest 4	21.07	21.11	21.13	22.00
	Subtest 5	23.54	23.18	23.59	24.00
DC-HSDPA	Subtest 1	23.53	23.57	23.51	23.80
	Subtest 2	23.57	23.63	23.59	23.80
	Subtest 3	22.55	22.56	22.53	23.30
	Subtest 4	22.72	22.59	22.66	23.30
HSPA+	16QAM	21.30	21.34	21.32	22.80

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WCDMA Band II state8					
Average Conducted Power(dBm)					
Channel		9262	9400	9538	Tune up
WCDMA	12.2kbps RMC	19.18	19.17	19.13	19.80
	12.2kbps AMR	19.15	19.13	19.12	19.80
HSDPA	Subtest 1	18.62	18.63	18.65	18.80
	Subtest 2	18.65	18.58	18.60	18.80
	Subtest 3	17.81	17.75	17.82	18.30
	Subtest 4	17.81	17.76	17.79	18.30
HSUPA	Subtest 1	18.79	18.54	18.56	19.00
	Subtest 2	16.28	16.25	16.26	17.00
	Subtest 3	17.25	17.23	17.28	18.00
	Subtest 4	16.24	16.26	16.29	17.00
	Subtest 5	18.76	18.72	18.76	19.00
DC-HSDPA	Subtest 1	18.63	18.72	18.73	18.80
	Subtest 2	18.61	18.65	18.64	18.80
	Subtest 3	17.89	17.72	17.85	18.30
	Subtest 4	17.73	17.69	17.88	18.30
HSPA+	16QAM	16.45	16.47	16.50	17.80

WCDMA Band IV state3					
Average Conducted Power(dBm)					
Channel		1312	1412	1513	Tune up
WCDMA	12.2kbps RMC	21.06	21.18	21.13	21.80
	12.2kbps AMR	20.99	21.15	21.02	21.80
HSDPA	Subtest 1	20.57	20.64	20.60	20.80
	Subtest 2	20.56	20.65	20.61	20.80
	Subtest 3	19.74	19.81	19.80	20.30
	Subtest 4	19.67	19.81	19.79	20.30
HSUPA	Subtest 1	20.18	20.29	20.24	21.00
	Subtest 2	18.16	18.26	18.27	19.00
	Subtest 3	19.14	19.25	19.26	20.00
	Subtest 4	18.16	18.26	18.24	19.00
	Subtest 5	20.65	20.79	20.76	21.00
DC-HSDPA	Subtest 1	20.63	20.72	20.61	20.80
	Subtest 2	20.51	20.58	20.64	20.80
	Subtest 3	19.67	19.86	19.70	20.30
	Subtest 4	19.57	19.90	19.69	20.30
HSPA+	16QAM	18.39	18.46	18.48	19.80

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WCDMA Band IV state5/10					
Average Conducted Power(dBm)					
Channel		1312	1412	1513	Tune up
WCDMA	12.2kbps RMC	24.10	24.24	24.18	24.80
	12.2kbps AMR	24.10	24.23	24.22	24.80
HSDPA	Subtest 1	23.61	23.69	23.66	23.80
	Subtest 2	23.58	23.66	23.64	23.80
	Subtest 3	22.72	22.78	22.77	23.30
	Subtest 4	22.67	22.80	22.74	23.30
HSUPA	Subtest 1	23.23	23.33	23.30	24.00
	Subtest 2	21.23	21.28	21.25	22.00
	Subtest 3	22.20	22.33	22.31	23.00
	Subtest 4	21.19	21.30	21.28	22.00
	Subtest 5	23.71	23.77	23.76	24.00
DC-HSDPA	Subtest 1	23.54	23.63	23.75	23.80
	Subtest 2	23.53	23.61	23.54	23.80
	Subtest 3	22.67	22.79	22.87	23.30
	Subtest 4	22.57	22.85	22.79	23.30
HSPA+	16QAM	21.43	21.49	21.48	22.80

WCDMA Band IV state8					
Average Conducted Power(dBm)					
Channel		1312	1412	1513	Tune up
WCDMA	12.2kbps RMC	19.70	19.77	19.81	20.30
	12.2kbps AMR	19.55	19.65	19.70	20.30
HSDPA	Subtest 1	19.14	19.23	19.21	19.30
	Subtest 2	19.16	19.23	19.19	19.30
	Subtest 3	18.33	18.40	18.36	18.80
	Subtest 4	18.28	18.37	18.34	18.80
HSUPA	Subtest 1	18.78	18.88	18.85	19.50
	Subtest 2	16.78	16.86	16.86	17.50
	Subtest 3	17.75	17.87	17.87	18.50
	Subtest 4	16.77	16.91	16.89	17.50
	Subtest 5	19.27	19.35	19.32	19.50
DC-HSDPA	Subtest 1	19.19	19.23	19.18	19.30
	Subtest 2	19.07	19.27	19.16	19.30
	Subtest 3	18.40	18.34	18.27	18.80
	Subtest 4	18.30	18.36	18.37	18.80
HSPA+	16QAM	16.96	17.13	17.08	18.30

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4.3 Conducted Power of LTE

LTE Band 2 state3				**Conducted Power(dBm)**			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18607	18900	19193	
1.4MHz	QPSK	1	0	20.57	20.45	20.51	21.50
		1	2	20.30	20.72	20.81	21.50
		1	5	20.48	20.40	20.63	21.50
		3	0	20.73	20.71	20.64	21.50
		3	2	20.64	20.70	20.56	21.50
		3	3	20.76	20.66	20.62	21.50
		6	0	20.78	20.65	20.78	21.50
	16QAM	1	0	20.98	20.92	20.69	21.50
		1	2	21.06	21.04	20.59	21.50
		1	5	20.92	20.85	20.72	21.50
		3	0	20.64	20.73	20.49	21.50
		3	2	20.83	20.70	20.67	21.50
		3	3	20.84	20.75	20.61	21.50
		6	0	20.81	20.59	20.74	21.50
	64QAM	1	0	20.45	20.64	20.67	21.50
		1	2	20.39	20.64	20.80	21.50
		1	5	20.57	20.65	20.59	21.50
		3	0	20.69	20.66	20.60	21.50
		3	2	20.78	20.75	20.62	21.50
		3	3	20.77	20.80	20.50	21.50
		6	0	20.69	20.69	20.26	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18615	18900	19185	
3MHz	QPSK	1	0	20.50	20.45	20.55	21.50
		1	7	20.30	20.78	20.74	21.50
		1	14	20.57	20.48	20.61	21.50
		8	0	20.60	20.73	20.55	21.50
		8	4	20.80	20.64	20.66	21.50
		8	7	20.68	20.71	20.79	21.50
		15	0	20.59	20.72	20.70	21.50
	16QAM	1	0	20.84	20.87	20.56	21.50
		1	7	20.97	20.98	20.59	21.50
		1	14	20.88	20.82	20.79	21.50
		8	0	20.73	20.73	20.67	21.50
		8	4	20.84	20.68	20.70	21.50
		8	7	20.91	20.91	20.70	21.50

		15	0	20.76	20.59	20.68	21.50
	64QAM	1	0	20.58	20.68	20.51	21.50
		1	7	20.44	20.66	20.76	21.50
		1	14	20.64	20.80	20.61	21.50
		8	0	20.61	20.63	20.49	21.00
		8	4	20.73	20.70	20.62	21.00
		8	7	20.78	20.64	20.67	21.00
		15	0	20.76	20.68	20.26	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18625	18900	19175	
5MHz	QPSK	1	0	20.58	20.53	20.61	21.50
		1	13	20.29	20.73	20.67	21.50
		1	24	20.39	20.43	20.67	21.50
		12	0	20.71	20.74	20.49	21.50
		12	6	20.83	20.71	20.70	21.50
		12	13	20.59	20.80	20.80	21.50
		25	0	20.62	20.68	20.77	21.50
	16QAM	1	0	21.00	20.77	20.59	21.50
		1	13	20.91	20.98	20.58	21.50
		1	24	20.89	20.84	20.72	21.50
		12	0	20.69	20.72	20.55	21.50
		12	6	20.69	20.63	20.71	21.50
		12	13	20.77	20.73	20.66	21.50
		25	0	20.79	20.59	20.60	21.50
	64QAM	1	0	20.59	20.65	20.71	21.50
		1	13	20.50	20.70	20.72	21.50
		1	24	20.64	20.68	20.58	21.50
		12	0	20.75	20.75	20.60	21.00
		12	6	20.74	20.69	20.61	21.00
		12	13	20.83	20.79	20.68	21.00
		25	0	20.73	20.59	20.31	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18650	18900	19150	
10MHz	QPSK	1	0	20.46	20.57	20.60	21.50
		1	25	20.40	20.71	20.77	21.50
		1	49	20.55	20.46	20.60	21.50
		25	0	20.72	20.65	20.51	21.50
		25	13	20.69	20.61	20.55	21.50
		25	25	20.63	20.65	20.76	21.50
		50	0	20.77	20.68	20.76	21.50
	16QAM	1	0	20.97	20.78	20.52	21.50
		1	25	20.89	21.07	20.65	21.50

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		1	49	20.77	20.85	20.83	21.50
		25	0	20.72	20.71	20.60	21.50
		25	13	20.81	20.59	20.73	21.50
		25	25	20.81	20.83	20.69	21.50
		50	0	20.61	20.66	20.62	21.50
	64QAM	1	0	20.45	20.64	20.65	21.50
		1	25	20.53	20.60	20.73	21.50
		1	49	20.70	20.69	20.66	21.50
		25	0	20.58	20.66	20.53	21.00
		25	13	20.66	20.81	20.61	21.00
		25	25	20.84	20.64	20.63	21.00
		50	0	20.66	20.65	20.26	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18675	18900	19125	
15MHz	QPSK	1	0	20.53	20.42	20.56	21.50
		1	38	20.31	20.85	20.80	21.50
		1	74	20.46	20.39	20.61	21.50
		36	0	20.78	20.76	20.64	21.50
		36	18	20.83	20.70	20.66	21.50
		36	39	20.71	20.73	20.78	21.50
		75	0	20.74	20.58	20.77	21.50
	16QAM	1	0	20.86	20.86	20.59	21.50
		1	38	21.06	21.01	20.53	21.50
		1	74	20.82	20.79	20.71	21.50
		36	0	20.56	20.80	20.52	21.50
		36	18	20.67	20.54	20.60	21.50
		36	39	20.87	20.84	20.60	21.50
		75	0	20.67	20.61	20.66	21.50
	64QAM	1	0	20.60	20.64	20.57	21.50
		1	38	20.49	20.58	20.88	21.50
		1	74	20.72	20.77	20.58	21.50
		36	0	20.68	20.73	20.55	21.00
		36	18	20.77	20.74	20.62	21.00
		36	39	20.83	20.78	20.54	21.00
		75	0	20.68	20.74	20.34	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18700	18900	19100	
20MHz	QPSK	1	0	20.49	20.50	20.51	21.50
		1	50	20.37	20.76	20.75	21.50
		1	99	20.48	20.49	20.57	21.50
		50	0	20.69	20.75	20.59	21.50
		50	25	20.73	20.65	20.64	21.50

		50	50	20.66	20.75	20.72	21.50
		100	0	20.68	20.67	20.75	21.50
	16QAM	1	0	20.93	20.85	20.60	21.50
		1	50	20.96	21.01	20.56	21.50
		1	99	20.87	20.82	20.79	21.50
		50	0	20.63	20.70	20.59	21.50
		50	25	20.76	20.62	20.70	21.50
		50	50	20.81	20.82	20.69	21.50
		100	0	20.71	20.63	20.70	21.50
	64QAM	1	0	20.54	20.70	20.61	21.50
		1	50	20.44	20.63	20.79	21.50
		1	99	20.64	20.73	20.64	21.50
		50	0	20.66	20.72	20.52	21.00
		50	25	20.70	20.72	20.67	21.00
		50	50	20.78	20.74	20.58	21.00
		100	0	20.68	20.68	20.28	21.00

LTE Band 2 state5/10				**Conducted Power(dBm)**			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18607	18900	19193	
1.4MHz	QPSK	1	0	23.52	23.27	23.08	24.00
		1	2	23.26	23.28	23.34	24.00
		1	5	23.26	23.22	23.34	24.00
		3	0	23.40	23.42	23.32	24.00
		3	2	23.33	23.21	23.22	24.00
		3	3	23.38	23.26	23.21	24.00
		6	0	22.17	22.45	22.12	23.00
	16QAM	1	0	22.40	22.19	22.45	23.00
		1	2	22.61	22.39	22.37	23.00
		1	5	22.15	22.23	22.54	23.00
		3	0	22.48	22.23	22.23	23.00
		3	2	22.37	22.29	22.31	23.00
		3	3	22.52	22.53	22.30	23.00
		6	0	21.44	21.13	21.36	22.00
	64QAM	1	0	21.20	21.32	21.49	22.00
		1	2	21.40	21.29	21.47	22.00
		1	5	21.34	21.27	21.41	22.00
		3	0	21.13	21.13	21.06	22.00
		3	2	21.17	21.16	21.31	22.00
		3	3	21.34	21.12	21.27	22.00

		6	0	20.34	20.23	20.01	21.00

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18615	18900	19185	
3MHz	QPSK	1	0	23.51	23.31	23.26	24.00
		1	7	23.23	23.22	23.19	24.00
		1	14	23.30	23.30	23.46	24.00
		8	0	22.13	22.48	22.19	23.00
		8	4	22.20	22.40	22.11	23.00
		8	7	22.38	22.19	22.45	23.00
		15	0	22.36	22.34	22.23	23.00
	16QAM	1	0	22.21	21.99	22.60	23.00
		1	7	22.65	22.25	22.45	23.00
		1	14	22.30	22.24	22.40	23.00
		8	0	21.34	21.41	21.26	22.00
		8	4	21.25	21.34	21.18	22.00
		8	7	21.36	21.43	21.40	22.00
		15	0	21.28	21.04	21.34	22.00
	64QAM	1	0	21.28	21.14	21.49	22.00
		1	7	21.40	21.46	21.21	22.00
		1	14	21.39	21.31	21.27	22.00
		8	0	20.15	20.26	20.00	21.00
		8	4	20.15	20.13	20.18	21.00
		8	7	20.43	20.28	20.24	21.00
		15	0	20.27	20.06	20.01	21.00

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18625	18900	19175	
5MHz	QPSK	1	0	23.53	23.52	23.03	24.00
		1	13	23.31	23.18	23.23	24.00
		1	24	23.20	23.33	23.33	24.00
		12	0	22.42	22.28	22.16	23.00
		12	6	22.27	22.15	22.16	23.00
		12	13	22.21	22.44	22.43	23.00
		25	0	22.30	22.33	22.24	23.00
	16QAM	1	0	22.22	22.04	22.32	23.00
		1	13	22.62	22.34	22.55	23.00
		1	24	22.21	22.21	22.50	23.00
		12	0	21.37	21.15	21.31	22.00
		12	6	21.39	21.28	21.14	22.00
		12	13	21.53	21.53	21.16	22.00
		25	0	21.40	21.24	21.29	22.00
	64QAM	1	0	21.15	21.25	21.40	22.00
		1	13	21.10	21.47	21.45	22.00

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		1	24	21.14	21.37	21.44	22.00
		12	0	20.07	20.22	20.00	21.00
		12	6	20.21	20.28	20.42	21.00
		12	13	20.18	20.14	20.24	21.00
		25	0	20.32	20.19	20.16	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18650	18900	19150	
10MHz	QPSK	1	0	23.25	23.43	23.07	24.00
		1	25	23.41	23.07	23.04	24.00
		1	49	23.26	23.21	23.23	24.00
		25	0	22.35	22.26	22.33	23.00
		25	13	22.23	22.32	22.23	23.00
		25	25	22.19	22.38	22.17	23.00
		50	0	22.33	22.29	22.15	23.00
	16QAM	1	0	22.21	22.26	22.50	23.00
		1	25	22.47	22.21	22.29	23.00
		1	49	22.29	22.31	22.52	23.00
		25	0	21.36	21.15	21.23	22.00
		25	13	21.48	21.29	21.12	22.00
		25	25	21.51	21.32	21.38	22.00
		50	0	21.49	21.12	21.25	22.00
	64QAM	1	0	21.40	21.20	21.32	22.00
		1	25	21.27	21.44	21.27	22.00
		1	49	21.14	21.41	21.47	22.00
		25	0	20.09	20.16	20.10	21.00
		25	13	20.20	20.23	20.37	21.00
		25	25	20.23	20.28	20.10	21.00
		50	0	20.17	20.25	20.06	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18675	18900	19125	
15MHz	QPSK	1	0	23.39	23.54	22.99	24.00
		1	38	23.33	23.23	23.19	24.00
		1	74	23.28	23.29	23.20	24.00
		36	0	22.23	22.19	22.23	23.00
		36	18	22.19	22.30	22.39	23.00
		36	39	22.17	22.34	22.42	23.00
		75	0	22.29	22.19	22.01	23.00
	16QAM	1	0	22.34	22.10	22.48	23.00
		1	38	22.67	22.45	22.45	23.00
		1	74	22.20	22.14	22.54	23.00
		36	0	21.32	21.13	21.35	22.00
		36	18	21.29	21.27	21.28	22.00

		36	39	21.34	21.32	21.41	22.00
		75	0	21.30	21.24	21.28	22.00
	64QAM	1	0	21.32	21.26	21.28	22.00
		1	38	21.11	21.17	21.46	22.00
		1	74	21.37	21.14	21.27	22.00
		36	0	20.20	20.23	20.14	21.00
		36	18	20.21	20.34	20.20	21.00
		36	39	20.34	20.29	20.05	21.00
		75	0	20.25	20.16	20.22	21.00

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18700	18900	19100	
20MHz	QPSK	1	0	23.38	23.40	23.13	24.00
		1	50	23.28	23.16	23.19	24.00
		1	99	23.30	23.29	23.33	24.00
		50	0	22.28	22.34	22.23	23.00
		50	25	22.27	22.27	22.26	23.00
		50	50	22.25	22.29	22.30	23.00
		100	0	22.31	22.33	22.16	23.00
	16QAM	1	0	22.32	22.12	22.46	23.00
		1	50	22.62	22.36	22.41	23.00
		1	99	22.26	22.24	22.52	23.00
		50	0	21.35	21.28	21.22	22.00
		50	25	21.35	21.26	21.22	22.00
		50	50	21.42	21.39	21.26	22.00
		100	0	21.37	21.13	21.21	22.00
	64QAM	1	0	21.29	21.29	21.38	22.00
		1	50	21.25	21.32	21.36	22.00
		1	99	21.26	21.26	21.34	22.00
		50	0	20.20	20.19	20.12	21.00
		50	25	20.21	20.21	20.31	21.00
		50	50	20.29	20.23	20.15	21.00
		100	0	20.21	20.19	20.09	21.00

LTE Band 2 state8				**Conducted Power(dBm)**			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18607	18900	19193	
1.4MHz	QPSK	1	0	19.03	19.35	19.14	20.00
		1	2	19.40	19.23	18.93	20.00
		1	5	19.35	18.82	19.47	20.00
		3	0	19.21	19.24	19.12	20.00

		3	2	19.32	19.21	19.08	20.00
		3	3	19.15	19.21	19.25	20.00
		6	0	19.27	19.10	19.26	20.00
	16QAM	1	0	19.42	19.04	19.23	20.00
		1	2	19.29	19.35	19.32	20.00
		1	5	19.36	19.24	19.27	20.00
		3	0	19.04	19.17	19.00	20.00
		3	2	19.13	19.15	19.08	20.00
		3	3	19.14	19.18	19.29	20.00
		6	0	19.15	19.20	19.15	20.00
	64QAM	1	0	19.09	19.11	19.18	20.00
		1	2	19.27	19.14	19.06	20.00
		1	5	19.10	19.23	19.24	20.00
		3	0	19.14	19.10	19.11	20.00
		3	2	19.21	19.20	19.11	20.00
		3	3	19.13	19.34	19.13	20.00
		6	0	19.24	19.08	19.19	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18615	18900	19185	
3MHz	QPSK	1	0	19.11	19.46	19.12	20.00
		1	7	19.44	19.22	19.11	20.00
		1	14	19.37	18.79	19.41	20.00
		8	0	19.16	19.37	19.09	20.00
		8	4	19.18	19.21	19.07	20.00
		8	7	19.13	19.17	19.19	20.00
		15	0	19.28	19.06	19.17	20.00
	16QAM	1	0	19.31	19.01	19.27	20.00
		1	7	19.36	19.25	19.39	20.00
		1	14	19.31	19.25	19.22	20.00
		8	0	19.07	19.11	19.04	20.00
		8	4	19.17	19.09	19.12	20.00
		8	7	19.15	19.16	19.14	20.00
		15	0	19.15	19.18	19.11	20.00
	64QAM	1	0	19.07	19.18	19.18	20.00
		1	7	19.24	19.12	19.14	20.00
		1	14	19.18	19.20	19.19	20.00
		8	0	19.14	19.10	19.08	20.00
		8	4	19.20	19.09	19.15	20.00
		8	7	19.13	19.21	19.10	20.00
		15	0	19.21	19.14	19.13	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18625	18900	19175	

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5MHz	QPSK	1	0	19.12	19.39	19.30	20.00
		1	13	19.26	19.21	18.92	20.00
		1	24	19.34	18.77	19.38	20.00
		12	0	19.18	19.36	19.10	20.00
		12	6	19.19	19.22	19.04	20.00
		12	13	19.30	19.16	19.22	20.00
		25	0	19.18	19.07	19.22	20.00
	16QAM	1	0	19.34	19.16	19.33	20.00
		1	13	19.32	19.26	19.42	20.00
		1	24	19.38	19.28	19.27	20.00
		12	0	19.05	19.11	18.97	20.00
		12	6	19.32	19.13	19.16	20.00
		12	13	19.11	19.33	19.28	20.00
		25	0	19.16	19.05	19.09	20.00
	64QAM	1	0	19.19	19.10	19.20	20.00
		1	13	19.23	19.13	19.21	20.00
		1	24	19.18	19.17	19.06	20.00
		12	0	19.23	19.10	19.17	20.00
		12	6	19.07	19.11	19.19	20.00
		12	13	19.17	19.25	19.02	20.00
		25	0	19.20	19.16	19.16	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18650	18900	19150	
10MHz	QPSK	1	0	19.06	19.34	19.14	20.00
		1	25	19.25	19.19	19.07	20.00
		1	49	19.44	18.87	19.35	20.00
		25	0	19.09	19.27	19.24	20.00
		25	13	19.23	19.18	19.10	20.00
		25	25	19.15	19.07	19.23	20.00
		50	0	19.21	19.15	19.25	20.00
	16QAM	1	0	19.23	19.06	19.14	20.00
		1	25	19.25	19.30	19.26	20.00
		1	49	19.35	19.31	19.22	20.00
		25	0	19.15	19.16	18.95	20.00
		25	13	19.28	19.10	19.05	20.00
		25	25	19.08	19.15	19.16	20.00
		50	0	19.15	19.15	19.09	20.00
	64QAM	1	0	19.14	19.13	19.20	20.00
		1	25	19.19	19.09	19.23	20.00
		1	49	19.25	19.11	19.08	20.00
		25	0	19.16	19.11	19.16	20.00
		25	13	19.24	19.16	19.18	20.00

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		25	25	19.16	19.23	18.99	20.00
		50	0	19.18	19.09	19.24	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18675	18900	19125	
15MHz	QPSK	1	0	19.04	19.36	19.16	20.00
		1	38	19.37	19.33	19.03	20.00
		1	74	19.38	18.88	19.27	20.00
		36	0	19.16	19.31	19.21	20.00
		36	18	19.21	19.04	18.98	20.00
		36	39	19.28	19.15	19.20	20.00
		75	0	19.19	19.13	19.17	20.00
	16QAM	1	0	19.37	19.15	19.33	20.00
		1	38	19.28	19.39	19.23	20.00
		1	74	19.45	19.31	19.23	20.00
		36	0	19.22	19.19	19.03	20.00
		36	18	19.15	19.21	19.04	20.00
		36	39	19.22	19.34	19.24	20.00
		75	0	19.24	19.12	19.08	20.00
	64QAM	1	0	19.05	19.23	19.19	20.00
		1	38	19.12	19.19	19.05	20.00
		1	74	19.24	19.17	19.07	20.00
		36	0	19.14	19.17	19.15	20.00
		36	18	19.14	19.05	19.06	20.00
		36	39	19.31	19.18	19.10	20.00
		75	0	19.22	19.21	19.26	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18700	18900	19100	
20MHz	QPSK	1	0	19.04	19.39	19.20	20.00
		1	50	19.34	19.26	19.01	20.00
		1	99	19.38	18.87	19.37	20.00
		50	0	19.16	19.27	19.15	20.00
		50	25	19.26	19.13	19.04	20.00
		50	50	19.23	19.14	19.23	20.00
		100	0	19.20	19.09	19.16	20.00
	16QAM	1	0	19.32	19.07	19.24	20.00
		1	50	19.33	19.32	19.33	20.00
		1	99	19.35	19.34	19.21	20.00
		50	0	19.12	19.10	19.03	20.00
		50	25	19.22	19.11	19.14	20.00
		50	50	19.16	19.24	19.19	20.00
		100	0	19.18	19.13	19.17	20.00
	64QAM	1	0	19.10	19.18	19.22	20.00

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		1	50	19.17	19.16	19.15	20.00
		1	99	19.16	19.13	19.14	20.00
		50	0	19.16	19.09	19.10	20.00
		50	25	19.16	19.13	19.13	20.00
		50	50	19.22	19.24	19.08	20.00
		100	0	19.19	19.15	19.20	20.00

LTE Band 4 state3				**Conducted Power(dBm)**			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19957	20175	20393	
1.4MHz	QPSK	1	0	21.54	21.95	22.10	22.50
		1	2	21.63	21.72	21.73	22.50
		1	5	21.68	21.92	22.01	22.50
		3	0	21.63	21.85	22.01	22.50
		3	2	21.85	21.98	21.85	22.50
		3	3	21.83	21.93	22.09	22.50
		6	0	21.91	21.90	21.91	22.50
	16QAM	1	0	21.99	21.97	21.60	22.50
		1	2	22.00	22.08	22.04	22.50
		1	5	21.72	22.13	21.77	22.50
		3	0	21.78	21.77	21.86	22.50
		3	2	21.85	21.98	21.90	22.50
		3	3	21.99	22.10	22.12	22.50
		6	0	21.81	21.79	21.96	22.50
	64QAM	1	0	21.60	21.64	22.04	22.50
		1	2	21.67	21.77	21.95	22.50
		1	5	21.73	22.13	21.87	22.50
		3	0	22.18	22.30	22.36	22.50
		3	2	22.26	22.36	22.32	22.50
		3	3	22.32	22.49	22.36	22.50
		6	0	21.98	21.97	21.89	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19965	20175	20385	
3MHz	QPSK	1	0	21.57	21.94	21.92	22.50
		1	7	21.76	21.91	21.87	22.50
		1	14	21.76	21.82	21.96	22.50
		8	0	21.62	22.04	21.88	22.50
		8	4	21.84	21.89	21.96	22.50
		8	7	21.79	21.94	21.93	22.50
		15	0	21.88	21.89	21.97	22.50

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	16QAM	1	0	21.91	21.91	21.63	22.50
		1	7	21.89	22.05	22.08	22.50
		1	14	21.76	22.00	21.79	22.50
		8	0	21.76	21.82	21.88	22.50
		8	4	21.87	21.90	21.99	22.50
		8	7	21.93	22.09	22.02	22.50
		15	0	21.78	21.81	21.94	22.50
	64QAM	1	0	21.44	21.63	22.03	22.50
		1	7	21.66	21.81	22.02	22.50
		1	14	21.92	22.12	21.90	22.50
		8	0	21.70	21.95	21.79	22.00
		8	4	21.80	21.93	21.84	22.00
		8	7	21.90	21.89	21.91	22.00
		15	0	21.92	21.98	21.92	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19975	20175	20375	
5MHz	QPSK	1	0	21.64	21.94	21.92	22.50
		1	13	21.70	21.86	21.87	22.50
		1	24	21.82	21.98	22.01	22.50
		12	0	21.78	21.89	22.03	22.50
		12	6	21.96	21.80	21.98	22.50
		12	13	21.87	21.94	21.98	22.50
		25	0	21.85	21.83	21.88	22.50
	16QAM	1	0	21.96	21.90	21.55	22.50
		1	13	21.90	22.01	22.06	22.50
		1	24	21.81	22.00	21.87	22.50
		12	0	21.72	21.91	22.03	22.50
		12	6	21.86	21.93	21.97	22.50
		12	13	21.85	21.91	21.95	22.50
		25	0	21.96	21.76	21.82	22.50
	64QAM	1	0	21.52	21.66	21.90	22.50
		1	13	21.82	21.74	21.88	22.50
		1	24	21.80	21.99	21.90	22.50
		12	0	21.62	21.79	21.90	22.00
		12	6	21.75	21.97	21.92	22.00
		12	13	21.88	21.97	21.90	22.00
		25	0	21.83	21.89	21.93	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20000	20175	20350	
10MHz	QPSK	1	0	21.52	21.95	21.98	22.50
		1	25	21.67	21.77	21.80	22.50
		1	49	21.69	21.85	21.84	22.50

		25	0	21.82	21.95	21.96	22.50
		25	13	21.85	21.94	21.88	22.50
		25	25	21.88	21.95	22.02	22.50
		50	0	21.81	21.88	21.87	22.50
	16QAM	1	0	21.97	21.95	21.57	22.50
		1	25	21.86	22.05	21.98	22.50
		1	49	21.77	22.06	21.74	22.50
		25	0	21.80	21.85	21.97	22.50
		25	13	21.89	21.97	21.95	22.50
		25	25	21.86	22.00	21.98	22.50
		50	0	21.82	21.85	21.89	22.50
	64QAM	1	0	21.53	21.63	21.91	22.50
		1	25	21.64	21.81	21.95	22.50
		1	49	21.92	21.99	21.82	22.50
		25	0	21.71	21.82	21.79	22.00
		25	13	21.89	21.85	21.89	22.00
		25	25	21.94	21.97	21.83	22.00
		50	0	21.85	21.86	21.99	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20025	20175	20325	
15MHz	QPSK	1	0	21.47	21.96	21.93	22.50
		1	38	21.71	21.74	21.78	22.50
		1	74	21.74	21.91	21.97	22.50
		36	0	21.73	22.06	21.96	22.50
		36	18	21.96	21.78	21.98	22.50
		36	39	21.76	21.95	21.93	22.50
		75	0	21.79	21.83	21.98	22.50
	16QAM	1	0	21.94	22.07	21.54	22.50
		1	38	21.85	22.01	21.96	22.50
		1	74	21.78	22.01	21.86	22.50
		36	0	21.70	21.88	21.89	22.50
		36	18	22.00	21.81	21.91	22.50
		36	39	21.96	22.10	22.07	22.50
		75	0	21.85	21.94	21.92	22.50
	64QAM	1	0	21.58	21.59	22.03	22.50
		1	38	21.68	21.75	21.97	22.50
		1	74	21.86	22.10	21.91	22.50
		36	0	21.75	21.85	21.89	22.00
		36	18	21.82	21.82	21.84	22.00
		36	39	21.98	21.78	21.85	22.00
		75	0	21.96	21.91	21.97	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up

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				20050	20175	20300	
20MHz	QPSK	1	0	21.56	22.00	22.02	22.50
		1	50	21.69	21.82	21.80	22.50
		1	99	21.75	21.90	21.91	22.50
		50	0	21.72	21.94	21.93	22.50
		50	25	21.91	21.88	21.95	22.50
		50	50	21.85	22.03	22.02	22.50
		100	0	21.87	21.90	21.96	22.50
	16QAM	1	0	21.90	21.97	21.63	22.50
		1	50	21.95	22.13	22.06	22.50
		1	99	21.82	22.04	21.80	22.50
		50	0	21.72	21.87	21.94	22.50
		50	25	21.94	21.91	21.98	22.50
		50	50	21.94	22.01	22.03	22.50
		100	0	21.86	21.86	21.88	22.50
	64QAM	1	0	21.52	21.68	21.95	22.50
		1	50	21.72	21.75	21.96	22.50
		1	99	21.83	22.04	21.82	22.50
		50	0	21.69	21.87	21.84	22.00
		50	25	21.81	21.90	21.88	22.00
		50	50	21.93	21.98	21.86	22.00
		100	0	21.88	21.88	21.97	22.00

LTE Band 4 state5/10				**Conducted Power(dBm)**			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19957	20175	20393	
1.4MHz	QPSK	1	0	24.14	24.25	24.21	25.00
		1	2	24.21	24.29	24.28	25.00
		1	5	24.28	23.96	24.66	25.00
		3	0	24.21	24.18	24.28	25.00
		3	2	24.17	24.22	24.38	25.00
		3	3	24.26	24.47	24.63	25.00
		6	0	23.15	23.22	23.35	24.00
	16QAM	1	0	23.15	23.35	23.48	24.00
		1	2	23.41	23.37	23.60	24.00
		1	5	23.41	23.69	23.62	24.00
		3	0	23.24	23.25	23.29	24.00
		3	2	23.33	23.26	23.38	24.00
		3	3	23.41	23.63	23.44	24.00
		6	0	22.25	22.16	22.33	23.00

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	64QAM	1	0	21.44	21.98	21.90	23.00
		1	2	21.89	21.98	21.93	23.00
		1	5	22.01	22.04	22.10	23.00
		3	0	22.03	22.15	22.41	23.00
		3	2	22.35	22.19	22.46	23.00
		3	3	22.25	22.50	22.38	23.00
		6	0	21.24	21.30	21.31	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19965	20175	20385	
3MHz	QPSK	1	0	24.15	24.25	24.19	25.00
		1	7	24.11	24.29	24.13	25.00
		1	14	24.15	23.90	24.26	25.00
		8	0	23.03	23.28	23.19	24.00
		8	4	23.11	23.35	23.28	24.00
		8	7	23.31	23.46	23.49	24.00
		15	0	23.24	23.34	23.43	24.00
	16QAM	1	0	23.05	23.42	23.56	24.00
		1	7	23.50	23.44	23.71	24.00
		1	14	23.55	23.78	23.58	24.00
		8	0	22.20	22.21	22.16	23.00
		8	4	22.19	22.29	22.26	23.00
		8	7	22.50	22.46	22.41	23.00
		15	0	22.24	22.33	22.28	23.00
	64QAM	1	0	21.56	21.91	21.94	23.00
		1	7	21.92	21.96	21.89	23.00
		1	14	22.02	21.95	22.17	23.00
		8	0	21.16	21.10	21.34	22.00
		8	4	21.34	21.23	21.34	22.00
		8	7	21.20	21.34	21.43	22.00
		15	0	21.18	21.33	21.25	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19975	20175	20375	
5MHz	QPSK	1	0	24.14	24.24	24.09	25.00
		1	13	24.23	24.21	24.18	25.00
		1	24	24.21	23.88	24.36	25.00
		12	0	23.24	23.16	23.36	24.00
		12	6	23.08	23.12	23.40	24.00
		12	13	23.20	23.41	23.46	24.00
		25	0	23.19	23.34	23.49	24.00
	16QAM	1	0	23.04	23.45	23.47	24.00
		1	13	23.38	23.30	23.58	24.00
		1	24	23.51	23.61	23.58	24.00

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		12	0	22.19	22.37	22.19	23.00
		12	6	22.18	22.43	22.47	23.00
		12	13	22.29	22.63	22.52	23.00
		25	0	22.36	22.33	22.20	23.00
	64QAM	1	0	21.45	21.97	21.88	23.00
		1	13	21.73	21.96	21.92	23.00
		1	24	21.96	22.04	22.11	23.00
		12	0	21.17	21.09	21.24	22.00
		12	6	21.25	21.33	21.42	22.00
		12	13	21.27	21.32	21.48	22.00
		25	0	21.14	21.21	21.32	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20000	20175	20350	
10MHz	QPSK	1	0	24.09	24.12	24.03	25.00
		1	25	24.22	24.35	24.17	25.00
		1	49	24.31	23.93	24.47	25.00
		25	0	23.12	23.26	23.14	24.00
		25	13	23.10	23.34	23.34	24.00
		25	25	23.13	23.37	23.51	24.00
		50	0	23.25	23.33	23.31	24.00
	16QAM	1	0	23.08	23.44	23.53	24.00
		1	25	23.34	23.36	23.66	24.00
		1	49	23.52	23.68	23.50	24.00
		25	0	22.31	22.29	22.28	23.00
		25	13	22.26	22.39	22.36	23.00
		25	25	22.38	22.57	22.54	23.00
		50	0	22.39	22.14	22.23	23.00
	64QAM	1	0	21.47	21.84	21.86	23.00
		1	25	21.75	22.08	22.02	23.00
		1	49	22.07	22.01	22.13	23.00
		25	0	21.06	21.13	21.37	22.00
		25	13	21.16	21.19	21.36	22.00
		25	25	21.33	21.45	21.34	22.00
		50	0	21.21	21.08	21.31	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20025	20175	20325	
15MHz	QPSK	1	0	23.93	24.24	24.17	25.00
		1	38	24.14	24.19	24.21	25.00
		1	74	24.25	23.83	24.32	25.00
		36	0	23.26	23.36	23.13	24.00
		36	18	23.07	23.13	23.40	24.00
		36	39	23.21	23.33	23.59	24.00

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		75	0	23.20	23.20	23.39	24.00
	16QAM	1	0	23.08	23.42	23.61	24.00
		1	38	23.49	23.40	23.58	24.00
		1	74	23.43	23.75	23.66	24.00
		36	0	22.11	22.30	22.20	23.00
		36	18	22.35	22.20	22.29	23.00
		36	39	22.33	22.48	22.62	23.00
		75	0	22.30	22.20	22.33	23.00
	64QAM	1	0	21.52	22.00	21.92	23.00
		1	38	21.78	21.93	22.03	23.00
		1	74	21.99	21.85	22.11	23.00
		36	0	21.11	21.27	21.38	22.00
		36	18	21.23	21.10	21.31	22.00
		36	39	21.31	21.51	21.33	22.00
		75	0	21.07	21.28	21.17	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20050	20175	20300	
20MHz	QPSK	1	0	24.13	24.23	24.20	25.00
		1	50	24.23	24.38	24.28	25.00
		1	99	24.34	23.91	24.77	25.00
		50	0	23.23	23.33	23.33	24.00
		50	25	23.22	23.31	23.42	24.00
		50	50	23.27	23.51	23.58	24.00
		100	0	23.29	23.38	23.46	24.00
	16QAM	1	0	23.14	23.42	23.61	24.00
		1	50	23.51	23.42	23.68	24.00
		1	99	23.57	23.73	23.70	24.00
		50	0	22.27	22.34	22.36	23.00
		50	25	22.31	22.40	22.43	23.00
		50	50	22.48	22.60	22.60	23.00
		100	0	22.39	22.33	22.33	23.00
	64QAM	1	0	21.63	22.04	22.03	23.00
		1	50	21.93	22.07	22.09	23.00
		1	99	22.10	22.05	22.12	23.00
		50	0	21.13	21.29	21.38	22.00
		50	25	21.32	21.28	21.41	22.00
		50	50	21.32	21.48	21.50	22.00
		100	0	21.25	21.28	21.36	22.00

LTE Band 4 state8	**Conducted Power(dBm)**

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Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19957	20175	20393	
1.4MHz	QPSK	1	0	19.48	19.72	19.93	20.50
		1	2	19.72	19.72	19.94	20.50
		1	5	19.71	19.94	19.88	20.50
		3	0	19.61	19.82	20.03	20.50
		3	2	19.85	19.88	20.05	20.50
		3	3	20.00	20.04	19.87	20.50
		6	0	19.78	19.87	19.92	20.50
	16QAM	1	0	19.60	19.74	20.01	20.50
		1	2	20.12	20.09	20.04	20.50
		1	5	20.09	20.13	20.15	20.50
		3	0	19.75	19.80	19.91	20.50
		3	2	19.89	19.95	19.91	20.50
		3	3	19.96	20.04	20.01	20.50
		6	0	19.79	19.77	20.00	20.50
	64QAM	1	0	19.80	19.84	19.97	20.50
		1	2	19.84	19.64	19.97	20.50
		1	5	19.75	19.94	20.06	20.50
		3	0	19.59	19.88	19.95	20.50
		3	2	19.78	19.98	19.94	20.50
		3	3	19.91	19.97	20.05	20.50
		6	0	19.95	19.91	19.86	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19965	20175	20385	
3MHz	QPSK	1	0	19.54	19.58	20.06	20.50
		1	7	19.86	19.70	19.83	20.50
		1	14	19.70	19.92	19.99	20.50
		8	0	19.65	19.89	19.88	20.50
		8	4	19.88	19.78	19.91	20.50
		8	7	19.84	20.08	19.93	20.50
		15	0	19.86	19.93	19.89	20.50
	16QAM	1	0	19.72	19.78	20.04	20.50
		1	7	20.23	19.98	20.05	20.50
		1	14	20.13	20.08	20.13	20.50
		8	0	19.73	19.80	19.93	20.50
		8	4	19.78	19.82	19.83	20.50
		8	7	19.86	20.10	20.05	20.50
		15	0	19.97	19.82	19.91	20.50
	64QAM	1	0	19.91	19.84	19.81	20.50
		1	7	19.78	19.78	20.04	20.50
		1	14	19.77	19.93	20.12	20.50

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		8	0	19.69	19.84	19.91	20.50
		8	4	19.75	19.91	20.06	20.50
		8	7	19.95	20.03	20.11	20.50
		15	0	19.85	19.99	19.84	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19975	20175	20375	
5MHz	QPSK	1	0	19.53	19.66	19.89	20.50
		1	13	19.81	19.72	19.89	20.50
		1	24	19.70	19.99	19.86	20.50
		12	0	19.75	19.85	19.89	20.50
		12	6	19.84	19.91	20.00	20.50
		12	13	19.92	20.03	19.95	20.50
		25	0	19.82	19.79	19.91	20.50
	16QAM	1	0	19.77	19.81	20.14	20.50
		1	13	20.02	20.04	20.02	20.50
		1	24	20.11	20.09	20.19	20.50
		12	0	19.63	19.85	19.90	20.50
		12	6	19.79	19.90	19.93	20.50
		12	13	19.93	19.97	19.99	20.50
		25	0	19.91	19.94	19.92	20.50
	64QAM	1	0	19.86	19.76	19.93	20.50
		1	13	19.82	19.66	20.02	20.50
		1	24	19.77	19.99	20.14	20.50
		12	0	19.57	19.88	19.93	20.50
		12	6	19.92	19.96	19.93	20.50
		12	13	19.94	20.02	19.93	20.50
		25	0	19.91	19.88	19.90	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20000	20175	20350	
10MHz	QPSK	1	0	19.60	19.67	20.01	20.50
		1	25	19.80	19.62	19.81	20.50
		1	49	19.80	20.00	19.84	20.50
		25	0	19.65	19.88	19.95	20.50
		25	13	19.86	19.88	19.94	20.50
		25	25	19.98	20.04	19.98	20.50
		50	0	19.81	19.81	19.92	20.50
	16QAM	1	0	19.67	19.78	20.09	20.50
		1	25	20.21	19.97	19.99	20.50
		1	49	20.08	20.17	20.25	20.50
		25	0	19.65	19.86	19.95	20.50
		25	13	19.79	19.79	19.77	20.50
		25	25	19.83	20.11	20.15	20.50

		50	0	19.98	19.86	19.94	20.50
	64QAM	1	0	19.90	19.81	19.98	20.50
		1	25	19.75	19.76	20.01	20.50
		1	49	19.79	19.87	20.09	20.50
		25	0	19.68	19.91	19.90	20.50
		25	13	19.83	20.07	19.98	20.50
		25	25	19.78	19.95	19.93	20.50
		50	0	19.80	19.85	19.89	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20025	20175	20325	
15MHz	QPSK	1	0	19.55	19.71	20.04	20.50
		1	38	19.86	19.78	19.87	20.50
		1	74	19.69	19.93	19.98	20.50
		36	0	19.65	19.84	19.92	20.50
		36	18	19.96	19.83	19.91	20.50
		36	39	20.01	19.94	19.99	20.50
		75	0	19.78	19.81	19.79	20.50
	16QAM	1	0	19.67	19.76	19.95	20.50
		1	38	20.11	19.96	20.05	20.50
		1	74	20.13	20.20	20.14	20.50
		36	0	19.73	19.78	19.85	20.50
		36	18	19.91	19.99	19.80	20.50
		36	39	19.92	19.96	19.98	20.50
		75	0	19.88	19.76	19.93	20.50
	64QAM	1	0	19.75	19.83	19.96	20.50
		1	38	19.88	19.74	20.00	20.50
		1	74	19.83	20.02	20.08	20.50
		36	0	19.62	19.87	19.87	20.50
		36	18	19.75	20.04	19.88	20.50
		36	39	19.81	19.88	19.98	20.50
		75	0	19.94	19.90	19.96	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20050	20175	20300	
20MHz	QPSK	1	0	19.56	19.65	19.99	20.50
		1	50	19.79	19.71	19.91	20.50
		1	99	19.76	19.92	19.89	20.50
		50	0	19.69	19.84	19.94	20.50
		50	25	19.87	19.81	19.99	20.50
		50	50	19.91	20.00	19.94	20.50
		100	0	19.84	19.88	19.88	20.50
	16QAM	1	0	19.70	19.77	20.05	20.50
		1	50	20.46	20.04	20.02	20.50

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		1	99	20.13	20.14	20.20	20.50
		50	0	19.72	19.86	19.87	20.50
		50	25	19.84	19.89	19.87	20.50
		50	50	19.89	20.01	20.05	20.50
		100	0	19.88	19.85	19.96	20.50
	64QAM	1	0	19.81	19.75	19.91	20.50
		1	50	19.83	19.74	20.07	20.50
		1	99	19.82	19.96	20.07	20.50
		50	0	19.61	19.84	19.96	20.50
		50	25	19.82	19.99	19.97	20.50
		50	50	19.87	19.97	20.03	20.50
		100	0	19.89	19.94	19.90	20.50

LTE Band 7 state3				**Conducted Power(dBm)**			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20775	21100	21425	
5MHz	QPSK	1	0	22.32	22.46	22.82	23.00
		1	13	22.21	22.48	22.41	23.00
		1	24	22.38	22.65	22.22	23.00
		12	0	22.39	22.68	22.55	23.00
		12	6	22.49	22.50	22.53	23.00
		12	13	22.53	22.59	22.49	23.00
		25	0	22.52	22.60	22.60	23.00
	16QAM	1	0	22.89	22.62	22.82	23.00
		1	13	22.35	22.79	22.71	23.00
		1	24	22.52	22.82	22.86	23.00
		12	0	22.40	22.20	22.46	23.00
		12	6	22.57	22.60	22.15	23.00
		12	13	22.40	22.54	22.61	23.00
		25	0	22.67	22.63	22.64	23.00
	64QAM	1	0	22.40	22.45	22.54	23.00
		1	13	22.29	22.70	22.32	23.00
		1	24	22.42	22.20	22.41	23.00
		12	0	21.52	21.45	21.59	22.00
		12	6	21.42	21.64	21.56	22.00
		12	13	21.43	21.22	21.54	22.00
		25	0	20.51	20.39	20.53	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20800	21100	21400	

10MHz	QPSK	1	0	22.36	22.31	22.72	23.00
		1	25	22.41	22.44	22.31	23.00
		1	49	22.33	22.69	22.19	23.00
		25	0	22.55	22.68	22.57	23.00
		25	13	22.57	22.51	22.49	23.00
		25	25	22.43	22.43	22.54	23.00
		50	0	22.52	22.49	22.67	23.00
	16QAM	1	0	22.70	22.57	22.66	23.00
		1	25	22.42	22.80	22.61	23.00
		1	49	22.51	22.88	22.86	23.00
		25	0	22.34	22.22	22.60	23.00
		25	13	22.52	22.58	22.12	23.00
		25	25	22.41	22.53	22.50	23.00
		50	0	22.50	22.57	22.58	23.00
	64QAM	1	0	22.52	22.43	22.41	23.00
		1	25	22.36	22.62	22.22	23.00
		1	49	22.51	22.13	22.36	23.00
		25	0	21.49	21.63	21.58	22.00
		25	13	21.45	21.66	21.57	22.00
		25	25	21.43	21.37	21.59	22.00
		50	0	20.60	20.27	20.54	22.00

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20825	21100	21375	
15MHz	QPSK	1	0	22.39	22.33	22.71	23.00
		1	38	22.21	22.56	22.31	23.00
		1	74	22.30	22.83	22.13	23.00
		36	0	22.44	22.61	22.48	23.00
		36	18	22.48	22.56	22.52	23.00
		36	39	22.40	22.39	22.52	23.00
		75	0	22.38	22.53	22.53	23.00
	16QAM	1	0	22.78	22.56	22.82	23.00
		1	38	22.48	22.67	22.70	23.00
		1	74	22.38	22.75	22.93	23.00
		36	0	22.38	22.09	22.44	23.00
		36	18	22.51	22.55	22.25	23.00
		36	39	22.57	22.50	22.50	23.00
		75	0	22.51	22.71	22.66	23.00
	64QAM	1	0	22.47	22.38	22.53	23.00
		1	38	22.30	22.66	22.26	23.00
		1	74	22.37	22.11	22.42	23.00

		36	0	21.50	21.60	21.53	22.00
		36	18	21.49	21.62	21.64	22.00
		36	39	21.39	21.27	21.43	22.00
		75	0	20.59	20.23	20.54	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20850	21100	21350	
20MHz	QPSK	1	0	22.35	22.39	22.73	23.00
		1	50	22.31	22.47	22.41	23.00
		1	99	22.32	22.74	22.22	23.00
		50	0	22.49	22.58	22.57	23.00
		50	25	22.50	22.54	22.50	23.00
		50	50	22.47	22.49	22.51	23.00
		100	0	22.46	22.58	22.60	23.00
	16QAM	1	0	22.80	22.55	22.72	23.00
		1	50	22.40	22.71	22.63	23.00
		1	99	22.46	22.81	22.88	23.00
		50	0	22.41	22.17	22.51	23.00
		50	25	22.52	22.53	22.18	23.00
		50	50	22.49	22.60	22.53	23.00
		100	0	22.58	22.62	22.59	23.00
	64QAM	1	0	22.44	22.48	22.46	23.00
		1	50	22.37	22.69	22.30	23.00
		1	99	22.46	22.18	22.34	23.00
		50	0	21.56	21.55	21.51	22.00
		50	25	21.52	21.66	21.62	22.00
		50	50	21.48	21.31	21.51	22.00
		100	0	20.53	20.29	20.56	22.00

LTE Band 7 state5/10				**Conducted Power(dBm)**			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20775	21100	21425	
5MHz	QPSK	1	0	24.72	24.41	24.49	25.00
		1	13	24.40	24.50	24.48	25.00
		1	24	24.45	24.67	24.43	25.00
		12	0	23.80	23.83	23.53	24.00
		12	6	23.75	23.80	23.77	24.00
		12	13	23.75	23.59	23.61	24.00
		25	0	23.77	23.56	23.77	24.00
	16QAM	1	0	23.92	23.71	22.86	24.00

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		1	13	23.81	23.42	23.88	24.00
		1	24	23.76	23.77	23.77	24.00
		12	0	22.62	22.71	22.66	23.00
		12	6	22.52	22.68	22.60	23.00
		12	13	22.58	22.75	22.59	23.00
		25	0	22.68	22.71	22.67	23.00
	64QAM	1	0	22.59	22.60	22.70	23.00
		1	13	22.64	22.53	22.47	23.00
		1	24	22.85	22.84	22.81	23.00
		12	0	21.54	21.44	21.47	22.00
		12	6	21.62	21.53	21.59	22.00
		12	13	21.41	21.41	21.31	22.00
		25	0	21.52	21.54	21.54	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20800	21100	21400	
10MHz	QPSK	1	0	24.56	24.39	24.50	25.00
		1	25	24.43	24.55	24.43	25.00
		1	49	24.28	24.59	24.38	25.00
		25	0	23.77	23.71	23.52	24.00
		25	13	23.68	23.76	23.69	24.00
		25	25	23.74	23.64	23.62	24.00
		50	0	23.79	23.63	23.73	24.00
	16QAM	1	0	23.79	23.76	22.89	24.00
		1	25	23.73	23.45	23.76	24.00
		1	49	23.63	23.76	23.83	24.00
		25	0	22.64	22.66	22.75	23.00
		25	13	22.52	22.77	22.59	23.00
		25	25	22.68	22.70	22.56	23.00
		50	0	22.55	22.78	22.63	23.00
	64QAM	1	0	22.72	22.66	22.55	23.00
		1	25	22.73	22.64	22.60	23.00
		1	49	22.96	22.86	22.82	23.00
		25	0	21.53	21.38	21.48	22.00
		25	13	21.52	21.56	21.62	22.00
		25	25	21.33	21.43	21.40	22.00
		50	0	21.49	21.54	21.51	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20825	21100	21375	
15MHz	QPSK	1	0	24.72	24.55	24.35	25.00
		1	38	24.47	24.46	24.31	25.00

		1	74	24.33	24.42	24.45	25.00
		36	0	23.70	23.73	23.60	24.00
		36	18	23.72	23.66	23.72	24.00
		36	39	23.61	23.67	23.58	24.00
		75	0	23.68	23.71	23.78	24.00
	16QAM	1	0	23.78	23.76	22.86	24.00
		1	38	23.68	23.41	23.83	24.00
		1	74	23.65	23.92	23.82	24.00
		36	0	22.60	22.78	22.80	23.00
		36	18	22.54	22.80	22.67	23.00
		36	39	22.52	22.67	22.54	23.00
		75	0	22.72	22.61	22.61	23.00
	64QAM	1	0	22.77	22.64	22.66	23.00
		1	38	22.57	22.57	22.61	23.00
		1	74	22.80	22.80	22.88	23.00
		36	0	21.56	21.42	21.52	22.00
		36	18	21.54	21.46	21.63	22.00
		36	39	21.40	21.51	21.42	22.00
		75	0	21.46	21.40	21.55	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20850	21100	21350	
20MHz	QPSK	1	0	24.66	24.49	24.44	25.00
		1	50	24.47	24.54	24.39	25.00
		1	99	24.37	24.75	24.37	25.00
		50	0	23.75	23.77	23.58	24.00
		50	25	23.70	23.73	23.68	24.00
		50	50	23.65	23.63	23.64	24.00
		100	0	23.69	23.63	23.69	24.00
	16QAM	1	0	23.83	23.80	22.94	24.00
		1	50	23.76	23.48	23.78	24.00
		1	99	23.72	23.82	23.73	24.00
		50	0	22.57	22.68	22.74	23.00
		50	25	22.59	22.71	22.69	23.00
		50	50	22.58	22.68	22.61	23.00
		100	0	22.65	22.70	22.67	23.00
	64QAM	1	0	22.67	22.57	22.63	23.00
		1	50	22.63	22.63	22.56	23.00
		1	99	22.87	22.80	22.81	23.00
		50	0	21.50	21.48	21.43	22.00
		50	25	21.60	21.53	21.61	22.00

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		50	50	21.41	21.41	21.32	22.00
		100	0	21.43	21.45	21.46	22.00

LTE Band 7 state8				**Conducted Power(dBm)**			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20775	21100	21425	
5MHz	QPSK	1	0	20.38	20.65	20.48	21.00
		1	13	20.51	20.68	20.82	21.00
		1	24	20.28	20.88	20.56	21.00
		12	0	20.68	20.62	20.45	21.00
		12	6	20.64	20.48	20.51	21.00
		12	13	20.63	20.53	20.61	21.00
		25	0	20.64	20.62	20.56	21.00
	16QAM	1	0	20.87	20.87	20.74	21.00
		1	13	20.73	20.81	20.83	21.00
		1	24	20.76	20.80	20.53	21.00
		12	0	20.59	20.51	20.65	21.00
		12	6	20.68	20.72	20.66	21.00
		12	13	20.62	20.68	20.64	21.00
		25	0	20.53	20.61	20.57	21.00
	64QAM	1	0	20.52	20.40	20.55	21.00
		1	13	20.52	20.81	20.67	21.00
		1	24	20.73	20.81	20.78	21.00
		12	0	20.41	20.43	20.59	21.00
		12	6	20.68	20.58	20.67	21.00
		12	13	20.48	20.54	20.57	21.00
		25	0	20.57	20.68	20.74	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20800	21100	21400	
10MHz	QPSK	1	0	20.40	20.59	20.33	21.00
		1	25	20.55	20.83	20.84	21.00
		1	49	20.34	20.75	20.64	21.00
		25	0	20.52	20.60	20.57	21.00
		25	13	20.53	20.51	20.69	21.00
		25	25	20.60	20.43	20.54	21.00
		50	0	20.57	20.52	20.45	21.00
	16QAM	1	0	20.82	20.89	20.66	21.00
		1	25	20.87	20.87	20.97	21.00
		1	49	20.80	20.70	20.56	21.00

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		25	0	20.58	20.66	20.63	21.00
		25	13	20.62	20.69	20.66	21.00
		25	25	20.49	20.66	20.62	21.00
		50	0	20.51	20.62	20.65	21.00
	64QAM	1	0	20.54	20.41	20.53	21.00
		1	25	20.39	20.67	20.75	21.00
		1	49	20.65	20.70	20.66	21.00
		25	0	20.46	20.46	20.56	21.00
		25	13	20.64	20.47	20.69	21.00
		25	25	20.57	20.63	20.44	21.00
		50	0	20.52	20.68	20.73	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20825	21100	21375	
15MHz	QPSK	1	0	20.38	20.54	20.45	21.00
		1	38	20.64	20.74	20.84	21.00
		1	74	20.26	20.79	20.51	21.00
		36	0	20.63	20.52	20.59	21.00
		36	18	20.52	20.51	20.61	21.00
		36	39	20.64	20.49	20.65	21.00
		75	0	20.47	20.61	20.60	21.00
	16QAM	1	0	20.80	20.88	20.59	21.00
		1	38	20.87	20.79	20.84	21.00
		1	74	20.70	20.77	20.54	21.00
		36	0	20.65	20.51	20.59	21.00
		36	18	20.73	20.57	20.57	21.00
		36	39	20.64	20.51	20.64	21.00
		75	0	20.64	20.45	20.65	21.00
	64QAM	1	0	20.36	20.57	20.48	21.00
		1	38	20.42	20.67	20.72	21.00
		1	74	20.71	20.83	20.64	21.00
		36	0	20.40	20.61	20.57	21.00
		36	18	20.70	20.64	20.56	21.00
		36	39	20.48	20.53	20.59	21.00
		75	0	20.52	20.60	20.56	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20850	21100	21350	
20MHz	QPSK	1	0	20.47	20.59	20.39	21.00
		1	50	20.59	20.78	20.78	21.00
		1	99	20.36	20.79	20.61	21.00
		50	0	20.59	20.61	20.51	21.00

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		50	25	20.60	20.54	20.59	21.00
		50	50	20.59	20.52	20.57	21.00
		100	0	20.56	20.61	20.54	21.00
	16QAM	1	0	20.85	20.79	20.69	21.00
		1	50	20.80	20.81	20.89	21.00
		1	99	20.70	20.70	20.59	21.00
		50	0	20.62	20.61	20.62	21.00
		50	25	20.63	20.65	20.57	21.00
		50	50	20.58	20.61	20.58	21.00
		100	0	20.61	20.54	20.65	21.00
	64QAM	1	0	20.44	20.49	20.54	21.00
		1	50	20.47	20.72	20.67	21.00
		1	99	20.66	20.79	20.71	21.00
		50	0	20.37	20.52	20.60	21.00
		50	25	20.62	20.57	20.65	21.00
		50	50	20.55	20.58	20.54	21.00
		100	0	20.58	20.61	20.64	21.00

LTE Band 66 state3				**Conducted Power(dBm)**			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131979	132322	132665	
1.4MHz	QPSK	1	0	21.58	22.08	21.56	22.50
		1	2	21.99	21.65	21.88	22.50
		1	5	21.91	21.74	21.42	22.50
		3	0	21.78	21.96	21.90	22.50
		3	1	21.75	21.98	21.93	22.50
		3	3	21.93	21.97	21.90	22.50
		6	0	21.83	21.96	21.83	22.50
	16QAM	1	0	21.75	21.71	22.16	22.50
		1	2	21.79	22.08	22.20	22.50
		1	5	22.10	22.11	21.81	22.50
		3	0	21.57	21.69	21.64	22.50
		3	1	21.77	21.79	21.80	22.50
		3	3	21.84	22.04	21.84	22.50
		6	0	21.79	21.89	21.84	22.50
	64QAM	1	0	21.43	21.81	21.91	22.50
		1	2	21.72	21.74	21.99	22.50
		1	5	21.82	21.84	21.99	22.50
		3	0	21.64	21.82	21.79	22.50

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		3	1	21.81	21.77	21.89	22.50
		3	3	21.71	21.90	21.96	22.50
		6	0	21.71	21.86	21.97	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131987	132322	132657	
3MHz	QPSK	1	0	21.57	22.05	21.68	22.50
		1	7	22.18	21.76	21.86	22.50
		1	14	21.82	21.90	21.46	22.50
		8	0	21.61	21.96	21.85	22.50
		8	4	21.68	22.04	21.80	22.50
		8	7	21.86	21.95	21.99	22.50
		15	0	21.73	21.97	21.82	22.50
	16QAM	1	0	21.73	21.79	22.15	22.50
		1	7	21.67	22.07	22.13	22.50
		1	14	22.12	22.07	21.90	22.50
		8	0	21.70	21.80	21.66	22.50
		8	4	21.89	21.86	21.84	22.50
		8	7	21.88	22.09	21.93	22.50
		15	0	21.72	21.96	22.01	22.50
	64QAM	1	0	21.61	21.75	21.94	22.50
		1	7	21.74	21.81	22.00	22.50
		1	14	21.88	21.98	21.94	22.50
		8	0	21.68	21.86	21.87	22.00
		8	4	21.79	21.94	21.92	22.00
		8	7	21.85	21.90	21.97	22.00
		15	0	21.69	21.99	21.84	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131997	132322	132647	
5MHz	QPSK	1	0	21.70	22.12	21.56	22.50
		1	13	21.99	21.77	21.72	22.50
		1	24	21.77	21.91	21.47	22.50
		12	0	21.66	21.81	21.93	22.50
		12	6	21.77	22.00	21.98	22.50
		12	13	21.82	21.87	21.97	22.50
		25	0	21.85	21.94	21.88	22.50
	16QAM	1	0	21.78	21.79	22.07	22.50
		1	13	21.68	21.97	22.07	22.50
		1	24	22.11	21.94	21.93	22.50
		12	0	21.70	21.88	21.73	22.50
		12	6	21.74	21.91	21.90	22.50
		12	13	21.86	22.11	21.98	22.50
		25	0	21.87	21.78	21.93	22.50

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	64QAM	1	0	21.52	21.77	21.93	22.50
		1	13	21.75	21.81	21.89	22.50
		1	24	21.80	21.99	21.97	22.50
		12	0	21.63	21.82	21.89	22.00
		12	6	21.81	21.93	21.90	22.00
		12	13	21.78	21.81	21.78	22.00
		25	0	21.74	21.80	21.93	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132022	132322	132622	
10MHz	QPSK	1	0	21.55	22.11	21.64	22.50
		1	25	22.06	21.76	21.85	22.50
		1	49	21.77	21.88	21.53	22.50
		25	0	21.76	21.81	21.81	22.50
		25	13	21.83	21.90	22.00	22.50
		25	25	21.82	21.85	21.86	22.50
		50	0	21.89	21.94	21.76	22.50
	16QAM	1	0	21.70	21.66	22.03	22.50
		1	25	21.72	21.95	22.15	22.50
		1	49	22.08	21.92	21.99	22.50
		25	0	21.69	21.75	21.70	22.50
		25	13	21.80	21.82	21.86	22.50
		25	25	21.83	22.07	21.84	22.50
		50	0	21.67	21.92	21.92	22.50
	64QAM	1	0	21.56	21.89	21.91	22.50
		1	25	21.72	21.70	21.99	22.50
		1	49	21.95	21.94	21.90	22.50
		25	0	21.59	21.86	21.78	22.00
		25	13	21.71	21.93	21.85	22.00
		25	25	21.90	21.90	21.79	22.00
		50	0	21.67	21.93	21.91	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132047	132322	132597	
15MHz	QPSK	1	0	21.61	22.05	21.71	22.50
		1	38	22.08	21.81	21.80	22.50
		1	74	21.84	21.85	21.46	22.50
		36	0	21.77	21.81	21.88	22.50
		36	18	21.85	22.05	21.99	22.50
		36	39	21.82	22.01	21.97	22.50
		75	0	21.70	21.84	21.93	22.50
	16QAM	1	0	21.77	21.75	22.06	22.50
		1	38	21.76	21.98	22.21	22.50
		1	74	22.23	22.05	21.83	22.50

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		36	0	21.74	21.72	21.82	22.50
		36	18	21.83	21.78	21.86	22.50
		36	39	21.91	22.01	21.94	22.50
		75	0	21.80	21.98	21.88	22.50
	64QAM	1	0	21.44	21.90	22.05	22.50
		1	38	21.73	21.67	21.96	22.50
		1	74	21.95	21.87	21.95	22.50
		36	0	21.68	21.80	21.84	22.00
		36	18	21.71	21.80	21.97	22.00
		36	39	21.81	21.91	21.96	22.00
		75	0	21.71	21.87	21.89	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132072	132322	132572	
20MHz	QPSK	1	0	21.65	22.10	21.65	22.50
		1	50	22.09	21.74	21.79	22.50
		1	99	21.83	21.82	21.50	22.50
		50	0	21.68	21.86	21.83	22.50
		50	25	21.75	21.95	21.90	22.50
		50	50	21.83	21.94	21.89	22.50
		100	0	21.80	21.87	21.84	22.50
	16QAM	1	0	21.79	21.72	22.08	22.50
		1	50	21.74	22.00	22.14	22.50
		1	99	22.12	22.02	21.89	22.50
		50	0	21.64	21.78	21.74	22.50
		50	25	21.81	21.88	21.87	22.50
		50	50	21.82	22.07	21.91	22.50
		100	0	21.77	21.88	21.91	22.50
	64QAM	1	0	21.52	21.84	21.95	22.50
		1	50	21.80	21.77	21.94	22.50
		1	99	21.85	21.89	21.94	22.50
		50	0	21.65	21.77	21.82	22.00
		50	25	21.77	21.87	21.88	22.00
		50	50	21.81	21.89	21.88	22.00
		100	0	21.77	21.89	21.92	22.00

LTE Band 66 state5/10				**Conducted Power(dBm)**			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131979	132322	132665	
1.4MHz	QPSK	1	0	24.03	24.32	24.22	25.00
		1	2	24.00	23.99	24.04	25.00

		1	5	24.24	24.39	24.18	25.00
		3	0	24.15	24.24	24.18	25.00
		3	1	24.21	24.44	24.38	25.00
		3	3	24.34	24.30	24.19	25.00
		6	0	23.05	23.30	23.18	24.00
	16QAM	1	0	23.28	23.62	23.42	24.00
		1	2	23.67	23.31	23.37	24.00
		1	5	23.34	23.45	23.26	24.00
		3	0	23.08	23.38	23.19	24.00
		3	1	23.05	23.31	23.15	24.00
		3	3	23.20	23.48	23.33	24.00
		6	0	22.08	22.38	22.19	23.00
	64QAM	1	0	22.12	22.19	22.07	23.00
		1	2	22.38	22.37	22.46	23.00
		1	5	22.45	22.52	22.46	23.00
		3	0	21.27	21.20	21.18	23.00
		3	1	21.29	21.17	21.34	23.00
		3	3	21.18	21.25	21.29	23.00
		6	0	21.14	21.10	21.08	22.00

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131987	132322	132657	
3MHz	QPSK	1	0	23.99	24.25	23.99	25.00
		1	7	24.13	24.17	24.14	25.00
		1	14	24.18	24.20	24.14	25.00
		8	0	23.15	23.36	23.31	24.00
		8	4	23.13	23.31	23.43	24.00
		8	7	23.13	23.34	23.37	24.00
		15	0	23.18	23.32	23.41	24.00
	16QAM	1	0	23.32	23.74	23.51	24.00
		1	7	23.61	23.40	23.27	24.00
		1	14	23.29	23.61	23.28	24.00
		8	0	21.96	22.38	22.37	23.00
		8	4	22.04	22.24	22.20	23.00
		8	7	22.21	22.54	22.34	23.00
		15	0	22.05	22.17	22.23	23.00
	64QAM	1	0	22.20	22.22	22.05	23.00
		1	7	22.57	22.42	22.32	23.00
		1	14	22.37	22.50	22.46	23.00
		8	0	21.27	21.16	21.19	22.00
		8	4	21.09	21.29	21.22	22.00
		8	7	21.33	21.21	21.39	22.00
		15	0	21.18	21.09	21.06	22.00

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Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131997	132322	132647	
5MHz	QPSK	1	0	23.87	24.28	24.21	25.00
		1	13	24.10	24.05	24.15	25.00
		1	24	24.06	24.34	24.28	25.00
		12	0	22.90	23.18	23.30	24.00
		12	6	23.18	23.27	23.28	24.00
		12	13	23.23	23.25	23.28	24.00
		25	0	23.03	23.28	23.26	24.00
	16QAM	1	0	23.15	23.57	23.44	24.00
		1	13	23.64	23.44	23.17	24.00
		1	24	23.31	23.65	23.19	24.00
		12	0	22.13	22.38	22.14	23.00
		12	6	22.02	22.22	22.05	23.00
		12	13	22.20	22.53	22.41	23.00
		25	0	22.17	22.22	22.28	23.00
	64QAM	1	0	22.09	22.23	21.99	23.00
		1	13	22.57	22.44	22.45	23.00
		1	24	22.45	22.53	22.49	23.00
		12	0	21.11	21.03	21.16	22.00
		12	6	21.19	21.21	21.17	22.00
		12	13	21.28	21.36	21.34	22.00
		25	0	21.08	21.09	21.16	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132022	132322	132622	
10MHz	QPSK	1	0	24.03	24.28	24.12	25.00
		1	25	23.97	24.03	24.31	25.00
		1	49	24.11	24.18	24.15	25.00
		25	0	22.93	23.38	23.32	24.00
		25	13	23.04	23.46	23.23	24.00
		25	25	23.31	23.22	23.27	24.00
		50	0	23.15	23.13	23.29	24.00
	16QAM	1	0	23.37	23.51	23.48	24.00
		1	25	23.64	23.40	23.32	24.00
		1	49	23.19	23.62	23.28	24.00
		25	0	22.10	22.23	22.17	23.00
		25	13	22.07	22.18	22.06	23.00
		25	25	22.11	22.45	22.40	23.00
		50	0	22.18	22.36	22.35	23.00
	64QAM	1	0	22.23	22.29	22.00	23.00
		1	25	22.58	22.40	22.40	23.00
		1	49	22.33	22.45	22.59	23.00

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		25	0	21.22	21.13	21.08	22.00
		25	13	21.30	21.28	21.31	22.00
		25	25	21.20	21.38	21.20	22.00
		50	0	21.15	21.25	21.05	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132047	132322	132597	
15MHz	QPSK	1	0	23.93	24.41	24.21	25.00
		1	38	23.89	24.08	23.95	25.00
		1	74	24.15	24.42	24.31	25.00
		36	0	23.07	23.34	23.19	24.00
		36	18	23.08	23.42	23.25	24.00
		36	39	23.22	23.17	23.32	24.00
		75	0	23.18	23.17	23.37	24.00
	16QAM	1	0	23.34	23.60	23.50	24.00
		1	38	23.53	23.53	23.17	24.00
		1	74	23.19	23.46	23.23	24.00
		36	0	22.03	22.38	22.21	23.00
		36	18	21.98	22.28	22.02	23.00
		36	39	22.04	22.48	22.20	23.00
		75	0	22.22	22.39	22.31	23.00
	64QAM	1	0	22.23	22.19	22.11	23.00
		1	38	22.50	22.31	22.50	23.00
		1	74	22.42	22.47	22.61	23.00
		36	0	21.26	21.26	21.03	22.00
		36	18	21.32	21.33	21.33	22.00
		36	39	21.37	21.18	21.21	22.00
		75	0	21.30	21.18	21.19	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132072	132322	132572	
20MHz	QPSK	1	0	24.04	24.43	24.19	25.00
		1	50	24.09	24.18	24.12	25.00
		1	99	24.24	24.38	24.30	25.00
		50	0	23.10	23.37	23.31	24.00
		50	25	23.24	23.45	23.43	24.00
		50	50	23.33	23.32	23.37	24.00
		100	0	23.21	23.31	23.37	24.00
	16QAM	1	0	23.33	23.69	23.57	24.00
		1	50	23.65	23.51	23.34	24.00
		1	99	23.37	23.64	23.38	24.00
		50	0	22.10	22.39	22.32	23.00
		50	25	22.16	22.34	22.17	23.00
		50	50	22.19	22.51	22.38	23.00

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		100	0	22.17	22.35	22.34	23.00
	64QAM	1	0	22.20	22.28	22.19	23.00
		1	50	22.56	22.46	22.49	23.00
		1	99	22.43	22.50	22.60	23.00
		50	0	21.28	21.21	21.21	22.00
		50	25	21.29	21.34	21.35	22.00
		50	50	21.32	21.36	21.34	22.00
		100	0	21.25	21.29	21.22	22.00

LTE Band 66 state8				**Conducted Power(dBm)**			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131979	132322	132665	
1.4MHz	QPSK	1	0	19.45	19.96	19.57	20.50
		1	2	19.96	19.70	19.78	20.50
		1	5	19.73	19.83	19.75	20.50
		3	0	19.64	19.79	19.83	20.50
		3	1	19.71	19.81	19.72	20.50
		3	3	19.82	19.78	19.89	20.50
		6	0	19.73	19.74	19.81	20.50
	16QAM	1	0	19.93	19.94	19.83	20.50
		1	2	19.94	19.98	19.87	20.50
		1	5	20.00	20.10	19.89	20.50
		3	0	19.68	19.54	19.87	20.50
		3	1	19.87	19.80	19.88	20.50
		3	3	19.82	19.91	19.92	20.50
		6	0	19.81	19.97	20.01	20.50
	64QAM	1	0	19.41	19.66	19.57	20.50
		1	2	19.55	19.81	19.86	20.50
		1	5	19.84	20.04	19.94	20.50
		3	0	19.62	19.88	19.77	20.50
		3	1	19.69	19.64	19.86	20.50
		3	3	19.67	19.92	19.77	20.50
		6	0	19.83	19.84	19.76	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131987	132322	132657	
3MHz	QPSK	1	0	19.48	19.97	19.48	20.50
		1	7	19.93	19.59	19.77	20.50
		1	14	19.86	19.91	19.66	20.50
		8	0	19.57	19.88	19.77	20.50
		8	4	19.84	19.86	19.79	20.50

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		8	7	19.80	19.80	19.72	20.50
		15	0	19.74	19.69	19.75	20.50
	16QAM	1	0	19.84	19.92	19.91	20.50
		1	7	19.94	20.06	19.99	20.50
		1	14	19.91	19.98	19.82	20.50
		8	0	19.59	19.53	19.87	20.50
		8	4	19.79	19.96	19.87	20.50
		8	7	19.87	19.96	19.82	20.50
		15	0	19.77	19.88	19.93	20.50
	64QAM	1	0	19.45	19.61	19.55	20.50
		1	7	19.49	19.96	19.73	20.50
		1	14	19.82	19.87	19.88	20.50
		8	0	19.55	19.79	19.83	20.50
		8	4	19.67	19.79	19.77	20.50
		8	7	19.72	19.88	19.73	20.50
		15	0	19.63	19.92	19.84	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131997	132322	132647	
5MHz	QPSK	1	0	19.45	19.88	19.53	20.50
		1	13	19.93	19.57	19.82	20.50
		1	24	19.79	19.96	19.68	20.50
		12	0	19.54	19.81	19.74	20.50
		12	6	19.68	19.97	19.73	20.50
		12	13	19.74	19.86	19.82	20.50
		25	0	19.71	19.80	19.77	20.50
	16QAM	1	0	19.81	19.98	19.88	20.50
		1	13	19.90	20.15	19.92	20.50
		1	24	19.89	20.05	19.83	20.50
		12	0	19.77	19.43	19.84	20.50
		12	6	19.76	19.96	19.81	20.50
		12	13	19.87	19.92	19.91	20.50
		25	0	19.81	19.90	19.89	20.50
	64QAM	1	0	19.52	19.67	19.59	20.50
		1	13	19.56	19.93	19.91	20.50
		1	24	19.74	19.99	19.95	20.50
		12	0	19.56	19.79	19.74	20.50
		12	6	19.82	19.80	19.90	20.50
		12	13	19.84	19.89	19.80	20.50
		25	0	19.67	19.91	19.83	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132022	132322	132622	
10MHz	QPSK	1	0	19.48	19.92	19.67	20.50

		1	25	19.87	19.63	19.68	20.50
		1	49	19.67	19.95	19.74	20.50
		25	0	19.55	19.83	19.72	20.50
		25	13	19.71	19.78	19.80	20.50
		25	25	19.72	19.91	19.89	20.50
		50	0	19.76	19.66	19.80	20.50
	16QAM	1	0	19.75	20.07	19.93	20.50
		1	25	20.00	20.19	19.95	20.50
		1	49	19.95	19.92	19.87	20.50
		25	0	19.73	19.52	19.93	20.50
		25	13	19.81	19.84	19.76	20.50
		25	25	19.77	19.98	19.77	20.50
		50	0	19.79	20.01	19.85	20.50
	64QAM	1	0	19.53	19.63	19.50	20.50
		1	25	19.61	19.91	19.92	20.50
		1	49	19.81	19.96	19.85	20.50
		25	0	19.73	19.71	19.86	20.50
		25	13	19.81	19.72	19.74	20.50
		25	25	19.68	19.91	19.86	20.50
		50	0	19.63	19.88	19.84	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132047	132322	132597	
15MHz	QPSK	1	0	19.57	20.02	19.52	20.50
		1	38	19.97	19.69	19.83	20.50
		1	74	19.74	19.89	19.79	20.50
		36	0	19.49	19.96	19.72	20.50
		36	18	19.67	19.81	19.80	20.50
		36	39	19.90	19.76	19.81	20.50
		75	0	19.75	19.75	19.78	20.50
	16QAM	1	0	19.89	20.02	19.79	20.50
		1	38	19.93	19.98	19.98	20.50
		1	74	20.01	20.05	19.91	20.50
		36	0	19.62	19.45	19.73	20.50
		36	18	19.86	19.90	19.81	20.50
		36	39	19.88	20.03	19.76	20.50
		75	0	19.67	19.95	19.93	20.50
	64QAM	1	0	19.46	19.72	19.54	20.50
		1	38	19.41	19.93	19.87	20.50
		1	74	19.78	19.96	19.98	20.50
		36	0	19.55	19.83	19.82	20.50
		36	18	19.73	19.79	19.93	20.50
		36	39	19.68	20.05	19.76	20.50

		75	0	19.64	19.77	19.71	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132072	132322	132572	
20MHz	QPSK	1	0	19.53	19.92	19.58	20.50
		1	50	19.87	19.60	19.75	20.50
		1	99	19.76	19.91	19.69	20.50
		50	0	19.57	19.87	19.76	20.50
		50	25	19.74	19.88	19.77	20.50
		50	50	19.80	19.85	19.80	20.50
		100	0	19.73	19.74	19.83	20.50
	16QAM	1	0	19.85	19.98	19.85	20.50
		1	50	19.92	20.12	19.97	20.50
		1	99	19.94	20.19	19.88	20.50
		50	0	19.67	19.53	19.83	20.50
		50	25	19.80	19.89	19.86	20.50
		50	50	19.78	19.97	19.85	20.50
		100	0	19.74	19.92	19.92	20.50
	64QAM	1	0	19.50	19.71	19.55	20.50
		1	50	19.51	19.86	19.83	20.50
		1	99	19.81	19.94	19.91	20.50
		50	0	19.63	19.81	19.80	20.50
		50	25	19.76	19.70	19.84	20.50
		50	50	19.75	19.96	19.83	20.50
		100	0	19.73	19.83	19.78	20.50

LTE Band 38 state3/5/10				**Conducted Power(dBm)**			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37775	38000	38225	
5MHz	QPSK	1	0	24.43	24.40	24.46	25.00
		1	13	24.53	24.58	24.31	25.00
		1	24	24.47	24.40	24.19	25.00
		12	0	23.80	23.60	23.53	24.00
		12	6	23.66	23.48	23.39	24.00
		12	13	23.65	23.53	23.47	24.00
		25	0	23.73	23.43	23.47	24.00
	16QAM	1	0	23.51	23.59	23.36	24.00
		1	13	23.37	23.50	23.23	24.00
		1	24	23.39	23.33	23.24	24.00
		12	0	22.65	22.56	22.63	23.00
		12	6	22.65	22.39	22.60	23.00

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		12	13	22.71	22.57	22.49	23.00
		25	0	22.66	22.51	22.55	23.00
	64QAM	1	0	22.50	22.28	22.51	23.00
		1	13	22.35	22.53	22.32	23.00
		1	24	22.34	22.41	22.18	23.00
		12	0	21.61	21.56	21.44	22.00
		12	6	21.53	21.61	21.47	22.00
		12	13	21.72	21.46	21.54	22.00
		25	0	21.72	21.36	21.48	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37800	38000	38200	
10MHz	QPSK	1	0	24.43	24.48	24.55	25.00
		1	25	24.54	24.50	24.30	25.00
		1	49	24.36	24.27	24.30	25.00
		25	0	23.60	23.54	23.43	24.00
		25	13	23.62	23.42	23.50	24.00
		25	25	23.74	23.54	23.59	24.00
		50	0	23.60	23.54	23.56	24.00
	16QAM	1	0	23.54	23.49	23.46	24.00
		1	25	23.45	23.48	23.31	24.00
		1	49	23.42	23.33	23.35	24.00
		25	0	22.80	22.61	22.62	23.00
		25	13	22.65	22.55	22.54	23.00
		25	25	22.65	22.49	22.55	23.00
		50	0	22.65	22.54	22.61	23.00
	64QAM	1	0	22.44	22.29	22.41	23.00
		1	25	22.52	22.61	22.29	23.00
		1	49	22.28	22.47	22.20	23.00
		25	0	21.79	21.57	21.54	22.00
		25	13	21.61	21.43	21.40	22.00
		25	25	21.58	21.59	21.55	22.00
		50	0	21.72	21.38	21.61	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37825	38000	38175	
15MHz	QPSK	1	0	24.40	24.44	24.39	25.00
		1	38	24.41	24.45	24.28	25.00
		1	74	24.34	24.27	24.28	25.00
		36	0	23.67	23.64	23.53	24.00
		36	18	23.74	23.47	23.39	24.00
		36	39	23.73	23.48	23.60	24.00
		75	0	23.74	23.57	23.62	24.00
	16QAM	1	0	23.52	23.52	23.33	24.00

		1	38	23.49	23.49	23.36	24.00
		1	74	23.46	23.42	23.21	24.00
		36	0	22.64	22.62	22.57	23.00
		36	18	22.77	22.40	22.60	23.00
		36	39	22.63	22.58	22.49	23.00
		75	0	22.62	22.56	22.48	23.00
	64QAM	1	0	22.44	22.28	22.35	23.00
		1	38	22.35	22.50	22.44	23.00
		1	74	22.36	22.37	22.25	23.00
		36	0	21.61	21.50	21.44	22.00
		36	18	21.56	21.59	21.60	22.00
		36	39	21.57	21.43	21.64	22.00
		75	0	21.68	21.54	21.46	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37850	38000	38150	
20MHz	QPSK	1	0	24.50	24.47	24.46	25.00
		1	50	24.56	24.50	24.37	25.00
		1	99	24.39	24.36	24.26	25.00
		50	0	23.70	23.57	23.49	24.00
		50	25	23.69	23.49	23.44	24.00
		50	50	23.65	23.45	23.52	24.00
		100	0	23.67	23.47	23.55	24.00
	16QAM	1	0	23.49	23.53	23.42	24.00
		1	50	23.41	23.49	23.30	24.00
		1	99	23.46	23.41	23.31	24.00
		50	0	22.70	22.62	22.56	23.00
		50	25	22.68	22.48	22.53	23.00
		50	50	22.64	22.53	22.49	23.00
		100	0	22.60	22.53	22.53	23.00
	64QAM	1	0	22.44	22.33	22.42	23.00
		1	50	22.42	22.55	22.35	23.00
		1	99	22.38	22.40	22.24	23.00
		50	0	21.69	21.53	21.53	22.00
		50	25	21.62	21.51	21.50	22.00
		50	50	21.66	21.50	21.56	22.00
		100	0	21.71	21.46	21.54	22.00

LTE Band 38 state8				**Conducted Power(dBm)**			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37775	38000	38225	

5MHz	QPSK	1	0	23.03	23.02	22.97	23.50
		1	13	23.15	23.18	22.91	23.50
		1	24	23.02	22.97	22.90	23.50
		12	0	23.35	23.23	23.28	23.50
		12	6	23.26	23.31	23.14	23.50
		12	13	23.31	23.15	23.10	23.50
		25	0	23.29	23.20	23.16	23.50
	16QAM	1	0	23.26	22.81	23.14	23.50
		1	13	23.08	22.97	23.15	23.50
		1	24	22.99	22.43	22.80	23.50
		12	0	22.64	22.61	22.34	23.00
		12	6	22.64	22.53	22.44	23.00
		12	13	22.59	22.37	22.51	23.00
		25	0	22.46	22.53	22.44	23.00
	64QAM	1	0	22.06	21.78	22.09	23.00
		1	13	22.23	21.76	22.12	23.00
		1	24	22.02	22.08	22.01	23.00
		12	0	21.72	21.59	21.66	22.00
		12	6	21.75	21.53	21.46	22.00
		12	13	21.75	21.53	21.52	22.00
		25	0	21.68	21.66	21.48	22.00

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37800	38000	38200	
10MHz	QPSK	1	0	23.16	23.00	23.03	23.50
		1	25	23.13	23.23	22.91	23.50
		1	49	23.04	22.91	22.97	23.50
		25	0	23.25	23.19	23.17	23.50
		25	13	23.26	23.29	23.17	23.50
		25	25	23.27	23.18	23.09	23.50
		50	0	23.39	23.26	23.11	23.50
	16QAM	1	0	23.19	22.83	23.10	23.50
		1	25	22.98	22.88	23.11	23.50
		1	49	22.94	22.43	22.95	23.50
		25	0	22.56	22.56	22.29	23.00
		25	13	22.61	22.46	22.62	23.00
		25	25	22.58	22.46	22.41	23.00
		50	0	22.49	22.41	22.55	23.00
	64QAM	1	0	21.95	21.82	22.14	23.00
		1	25	22.20	21.81	22.06	23.00
		1	49	22.04	22.06	21.89	23.00
		25	0	21.81	21.41	21.59	22.00
		25	13	21.75	21.62	21.50	22.00

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		25	25	21.68	21.56	21.59	22.00
		50	0	21.70	21.64	21.45	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37825	38000	38175	
15MHz	QPSK	1	0	23.06	23.13	23.13	23.50
		1	38	23.14	23.06	23.05	23.50
		1	74	23.00	22.93	22.86	23.50
		36	0	23.27	23.29	23.15	23.50
		36	18	23.36	23.25	23.15	23.50
		36	39	23.30	23.41	23.18	23.50
		75	0	23.40	23.13	23.28	23.50
	16QAM	1	0	23.19	22.84	23.09	23.50
		1	38	23.03	22.91	23.08	23.50
		1	74	22.89	22.58	22.77	23.50
		36	0	22.62	22.46	22.38	23.00
		36	18	22.56	22.56	22.48	23.00
		36	39	22.61	22.45	22.43	23.00
		75	0	22.59	22.56	22.51	23.00
	64QAM	1	0	21.97	21.90	22.07	23.00
		1	38	22.27	21.77	22.12	23.00
		1	74	21.95	22.07	21.92	23.00
		36	0	21.77	21.49	21.54	22.00
		36	18	21.63	21.48	21.46	22.00
		36	39	21.70	21.42	21.49	22.00
		75	0	21.60	21.64	21.43	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37850	38000	38150	
20MHz	QPSK	1	0	23.12	23.10	23.05	23.50
		1	50	23.11	23.16	22.98	23.50
		1	99	23.05	23.01	22.88	23.50
		50	0	23.32	23.20	23.21	23.50
		50	25	23.30	23.21	23.20	23.50
		50	50	23.25	23.16	23.18	23.50
		100	0	23.31	23.22	23.20	23.50
	16QAM	1	0	23.22	22.87	23.04	23.50
		1	50	23.07	22.93	23.05	23.50
		1	99	22.94	22.52	22.87	23.50
		50	0	22.56	22.51	22.38	23.00
		50	25	22.61	22.46	22.54	23.00
		50	50	22.59	22.42	22.48	23.00
		100	0	22.55	22.48	22.45	23.00
	64QAM	1	0	21.96	21.85	22.07	23.00

		1	50	22.20	21.77	22.11	23.00
		1	99	22.01	22.08	21.98	23.00
		50	0	21.78	21.51	21.64	22.00
		50	25	21.71	21.53	21.54	22.00
		50	50	21.67	21.50	21.49	22.00
		100	0	21.67	21.56	21.46	22.00

LTE Band 41 2496 - 2690 PC2 state3/5/8/10				**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	24.9	24.92	24.83	25.09	24.75	26.30
		1	13	24.92	25.13	25.05	25.08	25.06	26.30
		1	24	24.85	25.02	25.09	24.97	25.03	26.30
		12	0	24.47	24.61	24.53	24.51	24.69	25.30
		12	6	24.5	24.64	24.72	24.65	24.71	25.30
		12	13	24.73	24.67	24.73	24.42	24.55	25.30
		25	0	24.55	24.63	24.73	24.33	24.58	25.30
	16QAM	1	0	24.28	24.45	24.95	24.62	24.5	25.30
		1	13	24.51	24.61	24.55	24.67	24.66	25.30
		1	24	24.29	24.42	24.61	24.51	24.43	25.30
		12	0	23.77	23.74	23.58	23.59	23.79	24.30
		12	6	23.77	23.53	23.85	23.5	23.68	24.30
		12	13	23.67	23.5	23.84	23.59	23.31	24.30
		25	0	23.51	23.72	23.59	23.31	23.49	24.30
	64QAM	1	0	23.64	23.47	24.01	23.18	23.40	24.30
		1	13	23.63	23.56	23.70	23.44	23.61	24.30
		1	24	23.42	23.47	23.80	23.50	23.44	24.30
		12	0	22.50	22.46	22.34	22.50	22.67	23.30
		12	6	22.63	22.66	22.64	22.62	22.53	23.30
		12	13	22.47	22.64	22.69	22.43	22.74	23.30
		25	0	22.75	22.68	22.58	22.44	22.71	23.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39700	40160	40620	41080	41540	
10MHz	QPSK	1	0	24.91	24.84	25.08	25.18	24.84	26.30
		1	25	25.07	25.03	25.2	25.06	25.18	26.30
		1	49	25.06	24.77	24.96	24.99	24.95	26.30
		25	0	24.55	24.53	24.68	24.35	24.84	25.30
		25	13	24.52	24.6	24.75	24.37	24.55	25.30
		25	25	24.68	24.62	24.71	24.55	24.52	25.30
		50	0	24.61	24.75	24.7	24.47	24.52	25.30

	16QAM	1	0	24.56	24.51	24.89	24.47	24.28	25.30
		1	25	24.65	24.62	24.64	24.59	24.62	25.30
		1	49	24.21	24.39	24.7	24.6	24.43	25.30
		25	0	23.58	23.62	23.66	23.56	23.85	24.30
		25	13	23.76	23.69	23.87	23.56	23.68	24.30
		25	25	23.55	23.41	23.75	23.38	23.56	24.30
		50	0	23.62	23.61	23.73	23.59	23.35	24.30
	64QAM	1	0	23.39	23.60	23.92	23.39	23.66	24.30
		1	25	23.39	23.54	23.70	23.51	23.39	24.30
		1	49	23.39	23.26	23.56	23.25	23.35	24.30
		25	0	22.77	22.69	22.38	22.43	22.59	23.30
		25	13	22.72	22.73	22.67	22.63	22.76	23.30
		25	25	22.40	22.45	22.69	22.47	22.69	23.30
		50	0	22.74	22.57	22.63	22.51	22.77	23.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39725	40173	40620	41068	41515	
15MHz	QPSK	1	0	24.69	24.88	24.9	25.01	24.74	26.30
		1	38	24.87	25.09	25.05	24.9	25.13	26.30
		1	74	25.01	24.89	25.07	24.99	24.96	26.30
		36	0	24.64	24.51	24.68	24.38	24.71	25.30
		36	18	24.68	24.62	24.83	24.45	24.59	25.30
		36	39	24.55	24.54	24.58	24.62	24.45	25.30
		75	0	24.46	24.65	24.81	24.33	24.54	25.30
	16QAM	1	0	24.29	24.32	24.87	24.63	24.3	25.30
		1	38	24.76	24.59	24.48	24.55	24.49	25.30
		1	74	24.22	24.35	24.68	24.72	24.4	25.30
		36	0	23.73	23.74	23.53	23.49	23.81	24.30
		36	18	23.72	23.59	23.82	23.63	23.56	24.30
		36	39	23.6	23.42	23.82	23.33	23.55	24.30
		75	0	23.43	23.52	23.7	23.33	23.47	24.30
	64QAM	1	0	23.59	23.58	23.72	23.31	23.52	24.30
		1	38	23.54	23.44	23.63	23.62	23.53	24.30
		1	74	23.43	23.37	23.65	23.43	23.46	24.30
		36	0	22.55	22.56	22.56	22.58	22.71	23.30
		36	18	22.60	22.76	22.55	22.57	22.73	23.30
		36	39	22.46	22.55	22.65	22.50	22.60	23.30
		75	0	22.53	22.64	22.43	22.42	22.78	23.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39750	40185	40620	41055	41490	
20MHz	QPSK	1	0	24.92	24.93	25.08	25.14	24.93	26.30
		1	50	25.12	25.22	25.37	25.12	25.29	26.30
		1	99	25.09	25.02	25.19	25.08	25.09	26.30

		50	0	24.68	24.71	24.73	24.57	24.81	25.30
		50	25	24.72	24.74	24.8	24.6	24.76	25.30
		50	50	24.69	24.7	24.78	24.62	24.64	25.30
		100	0	24.65	24.73	24.78	24.57	24.7	25.30
	16QAM	1	0	24.51	24.5	25.03	24.63	24.52	25.30
		1	50	24.71	24.66	24.65	24.71	24.71	25.30
		1	99	24.43	24.52	24.69	24.68	24.52	25.30
		50	0	23.75	23.73	23.78	23.66	23.8	24.30
		50	25	23.73	23.72	23.89	23.6	23.81	24.30
		50	50	23.63	23.62	23.81	23.57	23.55	24.30
		100	0	23.58	23.67	23.77	23.56	23.57	24.30
	64QAM	1	0	23.59	23.61	23.96	23.36	23.62	24.30
		1	50	23.62	23.67	23.82	23.57	23.60	24.30
		1	99	23.58	23.48	23.79	23.50	23.43	24.30
		50	0	22.75	22.69	22.53	22.55	22.76	23.30
		50	25	22.67	22.75	22.63	22.60	22.76	23.30
		50	50	22.62	22.70	22.65	22.65	22.74	23.30
		100	0	22.77	22.74	22.63	22.56	22.80	23.30

LTE Band 41 2496 - 2690 PC3 state3/5/8/10				**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	24.19	24.29	24.2	24.26	24.16	25.00
		1	13	24.17	24.16	24.31	24.4	24.18	25.00
		1	24	24.19	24.18	24.18	24.21	23.99	25.00
		12	0	23.12	23.28	23.45	23.21	22.96	24.00
		12	6	23.37	23.56	23.34	23.46	23.05	24.00
		12	13	23.31	23.51	23.41	23.56	23.15	24.00
		25	0	23.4	23.42	23.34	23.32	23.04	24.00
	16QAM	1	0	23.43	23.26	23.57	23.31	23.18	24.00
		1	13	23.36	23.32	23.45	23.44	23.21	24.00
		1	24	23.37	23.27	23.49	23.34	23	24.00
		12	0	22.35	22.4	22.25	22.39	21.94	23.00
		12	6	22.62	22.39	22.48	22.54	22.19	23.00
		12	13	22.32	22.44	22.43	22.46	22.04	23.00
		25	0	22.44	22.58	22.53	22.44	22.17	23.00
	64QAM	1	0	22.27	22.23	22.15	22.23	22.07	23.00
		1	13	22.34	22.26	22.47	22.37	22.02	23.00
		1	24	22.09	22.25	22.22	22.07	22.07	23.00
		12	0	21.35	21.29	21.35	21.25	21.21	22.00

		12	6	21.38	21.30	21.42	21.37	21.16	22.00
		12	13	21.50	21.49	21.50	21.45	21.25	22.00
		25	0	21.58	21.54	21.50	21.62	21.03	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39700	40160	40620	41080	41540	
10MHz	QPSK	1	0	24.22	24.24	24.31	24.35	24.01	25.00
		1	25	24.42	24.18	24.4	24.37	24.07	25.00
		1	49	24.16	24.1	24.16	24.25	24.02	25.00
		25	0	23.26	23.11	23.5	23.12	23.08	24.00
		25	13	23.51	23.63	23.42	23.41	23.22	24.00
		25	25	23.44	23.48	23.32	23.42	23.23	24.00
		50	0	23.49	23.41	23.35	23.35	23.02	24.00
	16QAM	1	0	23.29	23.42	23.6	23.16	23.35	24.00
		1	25	23.42	23.46	23.49	23.27	23.2	24.00
		1	49	23.38	23.31	23.51	23.38	23.06	24.00
		25	0	22.35	22.32	22.31	22.42	22.05	23.00
		25	13	22.52	22.53	22.49	22.63	22.26	23.00
		25	25	22.43	22.4	22.38	22.35	22.19	23.00
		50	0	22.42	22.58	22.47	22.4	22.02	23.00
	64QAM	1	0	22.35	22.24	22.13	22.15	21.92	23.00
		1	25	22.18	22.24	22.39	22.42	21.99	23.00
		1	49	22.26	22.34	22.17	22.08	22.19	23.00
		25	0	21.38	21.32	21.43	21.21	21.21	22.00
		25	13	21.38	21.30	21.34	21.38	21.06	22.00
		25	25	21.51	21.34	21.49	21.46	21.25	22.00
		50	0	21.46	21.42	21.37	21.57	21.09	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39725	40173	40620	41068	41515	
15MHz	QPSK	1	0	24.24	24.23	24.2	24.36	24.04	25.00
		1	38	24.21	24.15	24.21	24.22	24.13	25.00
		1	74	24.22	24.18	24.26	24.14	24.15	25.00
		36	0	23.32	23.24	23.53	23.12	23	24.00
		36	18	23.55	23.62	23.3	23.57	23.18	24.00
		36	39	23.43	23.55	23.47	23.56	23.28	24.00
		75	0	23.35	23.43	23.49	23.28	23.04	24.00
	16QAM	1	0	23.23	23.38	23.47	23.22	23.17	24.00
		1	38	23.41	23.42	23.59	23.43	23.17	24.00
		1	74	23.38	23.29	23.38	23.2	23.05	24.00
		36	0	22.38	22.38	22.34	22.3	21.99	23.00
		36	18	22.57	22.56	22.41	22.63	22.14	23.00
		36	39	22.29	22.53	22.43	22.46	22.15	23.00
		75	0	22.48	22.56	22.34	22.33	22.14	23.00

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	64QAM	1	0	22.28	22.35	22.17	22.22	22.04	23.00
		1	38	22.25	22.16	22.37	22.22	21.92	23.00
		1	74	22.28	22.18	22.26	22.24	22.12	23.00
		36	0	21.30	21.28	21.45	21.31	21.17	22.00
		36	18	21.45	21.29	21.35	21.31	21.14	22.00
		36	39	21.41	21.44	21.38	21.33	21.18	22.00
		75	0	21.50	21.51	21.51	21.64	21.10	22.00

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39750	40185	40620	41055	41490	
20MHz	QPSK	1	0	24.29	24.3	24.29	24.26	24.09	25.00
		1	50	24.26	24.2	24.34	24.31	24.12	25.00
		1	99	24.24	24.16	24.21	24.24	24.05	25.00
		50	0	23.22	23.21	23.55	23.2	23.06	24.00
		50	25	23.45	23.54	23.4	23.48	23.15	24.00
		50	50	23.37	23.46	23.39	23.47	23.22	24.00
		100	0	23.4	23.37	23.43	23.3	23.06	24.00
	16QAM	1	0	23.33	23.35	23.57	23.24	23.26	24.00
		1	50	23.42	23.42	23.49	23.35	23.16	24.00
		1	99	23.36	23.35	23.44	23.3	23.09	24.00
		50	0	22.33	22.41	22.35	22.34	22.04	23.00
		50	25	22.53	22.47	22.46	22.54	22.18	23.00
		50	50	22.38	22.44	22.36	22.41	22.12	23.00
		100	0	22.46	22.51	22.43	22.37	22.12	23.00
	64QAM	1	0	22.25	22.32	22.21	22.15	22.01	23.00
		1	50	22.24	22.25	22.43	22.32	21.97	23.00
		1	99	22.19	22.28	22.25	22.16	22.11	23.00
		50	0	21.33	21.26	21.35	21.28	21.13	22.00
		50	25	21.40	21.31	21.42	21.31	21.15	22.00
		50	50	21.45	21.44	21.43	21.42	21.19	22.00
		100	0	21.52	21.48	21.44	21.54	21.12	22.00

5 Conducted Power of Main Antenna (Ant5)

5.1 Conducted Power of LTE

LTE Band 4 state3				**Conducted Power(dBm)**			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19957	20175	20393	
1.4MHz	QPSK	1	0	22.14	22.11	22.03	23.30
		1	2	22.16	22.17	22.20	23.30
		1	5	22.27	22.88	22.30	23.30
		3	0	22.04	22.11	22.02	23.30
		3	2	22.26	22.21	22.22	23.30
		3	3	22.19	22.79	22.31	23.30
		6	0	21.93	21.94	21.95	22.80
	16QAM	1	0	22.14	22.10	22.03	22.80
		1	2	22.01	22.24	22.08	22.80
		1	5	21.73	22.38	22.22	22.80
		3	0	22.03	21.98	22.02	22.80
		3	2	22.24	22.17	21.94	22.80
		3	3	22.05	22.17	22.06	22.80
		6	0	20.82	20.91	20.94	21.80
	64QAM	1	0	21.14	21.48	21.16	21.80
		1	2	21.58	21.44	21.65	21.80
		1	5	21.61	21.53	21.42	21.80
		3	0	21.14	21.39	21.26	21.80
		3	2	21.63	21.45	21.64	21.80
		3	3	21.60	21.52	21.52	21.80
		6	0	20.53	20.49	20.45	20.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19965	20175	20385	
3MHz	QPSK	1	0	22.16	22.02	22.06	23.30
		1	7	22.22	22.19	22.10	23.30
		1	14	22.27	22.96	22.27	23.30
		8	0	21.74	21.87	21.81	22.80
		8	4	21.84	21.81	21.91	22.80
		8	7	21.94	21.85	22.07	22.80
		15	0	21.85	21.89	22.00	22.80
	16QAM	1	0	22.29	22.14	22.09	22.80
		1	7	22.13	22.22	21.97	22.80
		1	14	21.72	22.53	22.19	22.80
		8	0	20.47	20.89	20.93	21.80
		8	4	21.07	20.91	21.00	21.80

		8	7	20.84	21.04	20.95	21.80
		15	0	20.87	20.93	20.91	21.80
	64QAM	1	0	21.19	21.52	21.31	21.80
		1	7	21.51	21.43	21.58	21.80
		1	14	21.45	21.46	21.47	21.80
		8	0	20.29	20.35	20.35	20.80
		8	4	20.37	20.36	20.41	20.80
		8	7	20.43	20.53	20.45	20.80
		15	0	20.46	20.50	20.38	20.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19975	20175	20375	
5MHz	QPSK	1	0	22.17	22.12	22.06	23.30
		1	13	22.14	22.33	22.15	23.30
		1	24	22.38	22.97	22.17	23.30
		12	0	21.90	21.88	21.89	22.80
		12	6	22.02	21.93	21.86	22.80
		12	13	21.88	22.05	22.04	22.80
		25	0	22.02	21.86	21.90	22.80
	16QAM	1	0	22.24	21.97	22.05	22.80
		1	13	22.07	22.18	22.01	22.80
		1	24	21.67	22.46	22.33	22.80
		12	0	20.62	20.96	20.94	21.80
		12	6	21.03	20.89	20.85	21.80
		12	13	21.01	21.04	21.00	21.80
		25	0	20.84	20.87	20.89	21.80
	64QAM	1	0	21.31	21.57	21.23	21.80
		1	13	21.44	21.35	21.63	21.80
		1	24	21.64	21.54	21.33	21.80
		12	0	20.23	20.30	20.32	20.80
		12	6	20.41	20.44	20.36	20.80
		12	13	20.35	20.46	20.54	20.80
		25	0	20.49	20.42	20.30	20.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20000	20175	20350	
10MHz	QPSK	1	0	22.17	22.17	22.19	23.30
		1	25	22.16	22.26	22.25	23.30
		1	49	22.40	22.84	22.16	23.30
		25	0	21.82	21.80	21.88	22.80
		25	13	22.04	21.84	21.91	22.80
		25	25	21.89	22.04	21.91	22.80
		50	0	21.98	22.05	21.89	22.80

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	16QAM	1	0	22.20	22.07	21.99	22.80
		1	25	22.01	22.13	22.09	22.80
		1	49	21.61	22.51	22.28	22.80
		25	0	20.51	20.89	20.85	21.80
		25	13	20.95	20.99	21.01	21.80
		25	25	20.93	21.15	20.89	21.80
		50	0	20.89	21.02	20.96	21.80
	64QAM	1	0	21.18	21.54	21.24	21.80
		1	25	21.58	21.44	21.63	21.80
		1	49	21.60	21.45	21.30	21.80
		25	0	20.39	20.29	20.35	20.80
		25	13	20.40	20.40	20.35	20.80
		25	25	20.51	20.56	20.57	20.80
		50	0	20.53	20.36	20.39	20.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20025	20175	20325	
15MHz	QPSK	1	0	22.12	22.21	22.19	23.30
		1	38	22.26	22.34	22.12	23.30
		1	74	22.41	22.85	22.22	23.30
		36	0	21.79	21.78	21.96	22.80
		36	18	22.03	21.96	21.93	22.80
		36	39	21.87	21.99	22.07	22.80
		75	0	21.92	22.03	21.97	22.80
	16QAM	1	0	22.28	22.06	22.04	22.80
		1	38	22.14	22.24	21.97	22.80
		1	74	21.60	22.40	22.19	22.80
		36	0	20.48	20.89	20.91	21.80
		36	18	20.99	21.01	20.97	21.80
		36	39	21.04	21.17	20.97	21.80
		75	0	20.87	20.91	20.92	21.80
	64QAM	1	0	21.17	21.50	21.14	21.80
		1	38	21.43	21.42	21.69	21.80
		1	74	21.54	21.47	21.42	21.80
		36	0	20.26	20.43	20.31	20.80
		36	18	20.37	20.54	20.27	20.80
		36	39	20.45	20.61	20.60	20.80
		75	0	20.52	20.32	20.50	20.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20050	20175	20300	
20MHz	QPSK	1	0	22.14	22.12	22.09	23.30
		1	50	22.24	22.24	22.19	23.30

		1	99	22.37	22.91	22.25	23.30
		50	0	21.83	21.87	21.88	22.80
		50	25	21.94	21.91	21.87	22.80
		50	50	21.97	21.95	21.99	22.80
		100	0	21.95	21.95	21.94	22.80
	16QAM	1	0	22.24	22.07	22.00	22.80
		1	50	22.09	22.23	22.02	22.80
		1	99	21.70	22.44	22.26	22.80
		50	0	20.57	20.89	20.93	21.80
		50	25	20.99	20.97	20.91	21.80
		50	50	20.94	21.12	20.96	21.80
		100	0	20.91	20.93	20.91	21.80
	64QAM	1	0	21.24	21.49	21.22	21.80
		1	50	21.51	21.38	21.64	21.80
		1	99	21.55	21.51	21.40	21.80
		50	0	20.30	20.33	20.40	20.80
		50	25	20.46	20.46	20.37	20.80
		50	50	20.44	20.53	20.50	20.80
		100	0	20.47	20.41	20.40	20.80

LTE Band 4 state5				**Conducted Power(dBm)**			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19957	20175	20393	
1.4MHz	QPSK	1	0	22.00	21.66	21.81	22.80
		1	2	21.91	22.04	21.84	22.80
		1	5	21.94	21.86	21.99	22.80
		3	0	21.87	21.92	21.97	22.80
		3	2	21.94	22.04	21.80	22.80
		3	3	21.98	22.04	21.94	22.80
		6	0	21.98	21.81	21.87	22.80
	16QAM	1	0	21.72	22.05	22.10	22.80
		1	2	22.25	22.39	21.96	22.80
		1	5	22.11	22.30	22.16	22.80
		3	0	21.62	22.00	22.00	22.80
		3	2	22.35	22.30	21.99	22.80
		3	3	22.21	22.23	22.23	22.80
		6	0	21.03	20.97	20.83	21.80
	64QAM	1	0	21.24	21.55	21.36	21.80
		1	2	21.56	21.30	21.80	21.80

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		1	5	21.60	21.48	21.40	21.80
		3	0	21.17	21.54	21.41	21.80
		3	2	21.63	21.36	21.66	21.80
		3	3	21.55	21.43	21.37	21.80
		6	0	20.42	20.28	20.35	20.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19965	20175	20385	
3MHz	QPSK	1	0	22.02	21.77	21.75	22.80
		1	7	21.86	22.00	21.81	22.80
		1	14	22.01	21.83	22.13	22.80
		8	0	21.84	21.93	21.91	22.80
		8	4	22.01	22.00	21.92	22.80
		8	7	22.03	21.95	21.85	22.80
		15	0	21.95	21.96	21.88	22.80
	16QAM	1	0	21.83	21.98	22.18	22.80
		1	7	22.16	22.32	22.02	22.80
		1	14	22.22	22.22	22.10	22.80
		8	0	20.73	20.92	20.78	21.80
		8	4	20.91	21.00	20.86	21.80
		8	7	21.00	21.05	20.99	21.80
		15	0	20.97	20.82	20.93	21.80
	64QAM	1	0	21.41	21.63	21.33	21.80
		1	7	21.55	21.34	21.75	21.80
		1	14	21.65	21.67	21.36	21.80
		8	0	20.27	20.47	20.39	20.80
		8	4	20.44	20.40	20.50	20.80
		8	7	20.34	20.60	20.47	20.80
		15	0	20.36	20.38	20.26	20.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19975	20175	20375	
5MHz	QPSK	1	0	21.82	21.82	21.66	22.80
		1	13	21.87	22.04	21.86	22.80
		1	24	21.87	21.95	22.07	22.80
		12	0	21.92	21.86	21.92	22.80
		12	6	21.91	22.02	21.79	22.80
		12	13	22.05	21.99	21.90	22.80
		25	0	21.88	21.91	21.95	22.80
	16QAM	1	0	21.86	22.03	22.24	22.80
		1	13	22.14	22.40	21.98	22.80
		1	24	22.24	22.22	22.09	22.80
		12	0	20.68	20.90	20.95	21.80

		12	6	20.98	20.90	20.89	21.80
		12	13	20.99	20.96	21.05	21.80
		25	0	21.00	20.84	20.81	21.80
	64QAM	1	0	21.30	21.51	21.26	21.80
		1	13	21.71	21.24	21.69	21.80
		1	24	21.62	21.59	21.30	21.80
		12	0	20.13	20.40	20.47	20.80
		12	6	20.46	20.43	20.39	20.80
		12	13	20.38	20.54	20.44	20.80
		25	0	20.34	20.30	20.24	20.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20000	20175	20350	
10MHz	QPSK	1	0	21.92	21.73	21.68	22.80
		1	25	21.87	22.02	21.91	22.80
		1	49	21.87	21.84	22.15	22.80
		25	0	21.87	21.90	21.94	22.80
		25	13	22.06	22.05	21.85	22.80
		25	25	22.09	21.95	21.88	22.80
		50	0	22.01	21.96	21.83	22.80
	16QAM	1	0	21.78	22.06	22.08	22.80
		1	25	22.21	22.29	22.00	22.80
		1	49	22.16	22.20	22.05	22.80
		25	0	20.74	20.89	20.89	21.80
		25	13	20.95	20.84	20.87	21.80
		25	25	20.91	21.09	21.08	21.80
		50	0	20.93	20.96	20.84	21.80
	64QAM	1	0	21.41	21.66	21.31	21.80
		1	25	21.64	21.23	21.76	21.80
		1	49	21.61	21.67	21.44	21.80
		25	0	20.20	20.31	20.44	20.80
		25	13	20.42	20.48	20.36	20.80
		25	25	20.36	20.55	20.56	20.80
		50	0	20.40	20.36	20.34	20.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20025	20175	20325	
15MHz	QPSK	1	0	22.00	21.77	21.81	22.80
		1	38	21.90	22.10	21.84	22.80
		1	74	21.92	21.91	22.17	22.80
		36	0	21.93	22.01	21.93	22.80
		36	18	21.93	21.99	21.86	22.80
		36	39	22.02	21.97	21.88	22.80

		75	0	22.03	21.93	21.91	22.80
	16QAM	1	0	21.71	22.08	22.11	22.80
		1	38	22.10	22.24	21.99	22.80
		1	74	22.23	22.33	22.05	22.80
		36	0	20.69	20.91	20.78	21.80
		36	18	20.92	20.85	20.92	21.80
		36	39	20.91	20.96	21.10	21.80
		75	0	20.92	20.80	20.97	21.80
	64QAM	1	0	21.40	21.60	21.25	21.80
		1	38	21.68	21.35	21.65	21.80
		1	74	21.53	21.47	21.40	21.80
		36	0	20.28	20.39	20.31	20.80
		36	18	20.38	20.39	20.48	20.80
		36	39	20.36	20.57	20.59	20.80
		75	0	20.49	20.27	20.33	20.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20050	20175	20300	
20MHz	QPSK	1	0	21.92	21.75	21.72	22.80
		1	50	21.94	22.01	21.86	22.80
		1	99	21.91	21.87	22.08	22.80
		50	0	21.84	21.93	21.91	22.80
		50	25	21.96	21.96	21.87	22.80
		50	50	22.01	22.03	21.91	22.80
		100	0	21.98	21.90	21.85	22.80
	16QAM	1	0	21.78	22.03	22.15	22.80
		1	50	22.18	22.30	22.01	22.80
		1	99	22.15	22.24	22.15	22.80
		50	0	20.76	20.87	20.87	21.80
		50	25	20.95	20.90	20.84	21.80
		50	50	20.96	20.99	21.05	21.80
		100	0	20.93	20.88	20.88	21.80
	64QAM	1	0	21.32	21.58	21.26	21.80
		1	50	21.61	21.32	21.71	21.80
		1	99	21.56	21.57	21.37	21.80
		50	0	20.20	20.39	20.40	20.80
		50	25	20.43	20.49	20.42	20.80
		50	50	20.42	20.58	20.49	20.80
		100	0	20.39	20.34	20.30	20.80

LTE Band 4 state8	**Conducted Power(dBm)**

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Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19957	20175	20393	
1.4MHz	QPSK	1	0	20.22	20.30	20.41	21.30
		1	2	20.52	20.50	20.45	21.30
		1	5	20.30	20.61	20.30	21.30
		3	0	20.34	20.54	20.32	21.30
		3	2	20.44	20.42	20.33	21.30
		3	3	20.54	20.51	20.35	21.30
		6	0	20.36	20.31	20.43	21.30
	16QAM	1	0	20.64	20.34	20.69	21.30
		1	2	20.35	20.48	20.62	21.30
		1	5	20.76	20.68	20.54	21.30
		3	0	20.40	20.44	20.34	21.30
		3	2	20.38	20.08	20.18	21.30
		3	3	20.51	20.47	20.47	21.30
		6	0	20.47	20.40	20.37	21.30
	64QAM	1	0	20.76	20.87	20.83	21.30
		1	2	20.95	20.85	20.98	21.30
		1	5	20.98	21.03	20.89	21.30
		3	0	20.81	20.72	20.94	21.30
		3	2	20.93	20.93	20.78	21.30
		3	3	20.58	20.96	20.97	21.30
		6	0	20.28	20.44	20.50	20.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19965	20175	20385	
3MHz	QPSK	1	0	20.26	20.21	20.43	21.30
		1	7	20.50	20.44	20.44	21.30
		1	14	20.38	20.74	20.31	21.30
		8	0	20.25	20.54	20.32	21.30
		8	4	20.50	20.59	20.29	21.30
		8	7	20.45	20.63	20.47	21.30
		15	0	20.52	20.46	20.34	21.30
	16QAM	1	0	20.62	20.17	20.61	21.30
		1	7	20.31	20.43	20.58	21.30
		1	14	20.64	20.76	20.45	21.30
		8	0	20.37	20.29	20.44	21.30
		8	4	20.46	20.05	20.28	21.30
		8	7	20.55	20.57	20.60	21.30
		15	0	20.53	20.25	20.34	21.30
	64QAM	1	0	20.80	20.99	20.71	21.30

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		1	7	21.01	20.78	20.98	21.30
		1	14	21.03	20.90	20.87	21.30
		8	0	20.45	20.23	20.37	20.80
		8	4	20.44	20.30	20.17	20.80
		8	7	20.21	20.55	20.54	20.80
		15	0	20.29	20.35	20.39	20.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19975	20175	20375	
5MHz	QPSK	1	0	20.18	20.36	20.33	21.30
		1	13	20.44	20.61	20.45	21.30
		1	24	20.45	20.65	20.29	21.30
		12	0	20.31	20.51	20.19	21.30
		12	6	20.50	20.42	20.15	21.30
		12	13	20.42	20.54	20.54	21.30
		25	0	20.43	20.47	20.37	21.30
	16QAM	1	0	20.53	20.25	20.73	21.30
		1	13	20.26	20.43	20.59	21.30
		1	24	20.72	20.88	20.59	21.30
		12	0	20.42	20.30	20.42	21.30
		12	6	20.30	19.97	20.20	21.30
		12	13	20.52	20.54	20.60	21.30
		25	0	20.37	20.43	20.38	21.30
	64QAM	1	0	20.74	20.93	20.86	21.30
		1	13	20.92	20.86	21.08	21.30
		1	24	20.99	20.88	20.92	21.30
		12	0	20.43	20.20	20.32	20.80
		12	6	20.48	20.38	20.16	20.80
		12	13	20.23	20.59	20.47	20.80
		25	0	20.33	20.44	20.47	20.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20000	20175	20350	
10MHz	QPSK	1	0	20.25	20.25	20.34	21.30
		1	25	20.54	20.45	20.32	21.30
		1	49	20.47	20.57	20.17	21.30
		25	0	20.26	20.49	20.26	21.30
		25	13	20.32	20.51	20.22	21.30
		25	25	20.40	20.56	20.55	21.30
		50	0	20.53	20.36	20.41	21.30
	16QAM	1	0	20.50	20.19	20.78	21.30
		1	25	20.17	20.51	20.50	21.30
		1	49	20.63	20.71	20.63	21.30

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		25	0	20.31	20.31	20.43	21.30
		25	13	20.33	19.99	20.20	21.30
		25	25	20.61	20.49	20.57	21.30
		50	0	20.48	20.27	20.32	21.30
	64QAM	1	0	20.66	20.99	20.72	21.30
		1	25	20.99	20.84	21.04	21.30
		1	49	20.98	21.04	20.98	21.30
		25	0	20.28	20.22	20.38	20.80
		25	13	20.48	20.28	20.28	20.80
		25	25	20.11	20.51	20.41	20.80
		50	0	20.40	20.53	20.43	20.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20025	20175	20325	
15MHz	QPSK	1	0	20.09	20.21	20.44	21.30
		1	38	20.56	20.47	20.43	21.30
		1	74	20.38	20.54	20.22	21.30
		36	0	20.34	20.41	20.17	21.30
		36	18	20.38	20.50	20.20	21.30
		36	39	20.39	20.65	20.44	21.30
		75	0	20.39	20.39	20.38	21.30
	16QAM	1	0	20.50	20.28	20.76	21.30
		1	38	20.25	20.37	20.60	21.30
		1	74	20.75	20.74	20.64	21.30
		36	0	20.28	20.38	20.38	21.30
		36	18	20.42	20.04	20.30	21.30
		36	39	20.58	20.45	20.49	21.30
		75	0	20.35	20.33	20.44	21.30
	64QAM	1	0	20.79	20.98	20.88	21.30
		1	38	21.04	20.87	20.95	21.30
		1	74	21.09	21.04	20.95	21.30
		36	0	20.34	20.29	20.47	20.80
		36	18	20.33	20.48	20.30	20.80
		36	39	20.19	20.59	20.48	20.80
		75	0	20.29	20.38	20.33	20.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20050	20175	20300	
20MHz	QPSK	1	0	20.17	20.28	20.41	21.30
		1	50	20.47	20.51	20.42	21.30
		1	99	20.39	20.64	20.25	21.30
		50	0	20.34	20.48	20.23	21.30
		50	25	20.41	20.51	20.25	21.30

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		50	50	20.44	20.56	20.45	21.30
		100	0	20.44	20.38	20.38	21.30
	16QAM	1	0	20.58	20.25	20.69	21.30
		1	50	20.27	20.45	20.54	21.30
		1	99	20.68	20.78	20.54	21.30
		50	0	20.34	20.36	20.37	21.30
		50	25	20.37	20.07	20.21	21.30
		50	50	20.57	20.52	20.52	21.30
		100	0	20.43	20.34	20.40	21.30
	64QAM	1	0	20.72	20.91	20.81	21.30
		1	50	20.96	20.88	21.04	21.30
		1	99	21.04	20.96	20.93	21.30
		50	0	20.36	20.30	20.38	20.80
		50	25	20.43	20.38	20.23	20.80
		50	50	20.14	20.50	20.47	20.80
		100	0	20.38	20.43	20.41	20.80

LTE Band 4 state10				**Conducted Power(dBm)**			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19957	20175	20393	
1.4MHz	QPSK	1	0	20.51	20.56	20.90	21.80
		1	2	20.80	20.84	20.91	21.80
		1	5	20.77	20.89	20.79	21.80
		3	0	20.82	20.83	20.83	21.80
		3	2	20.91	20.71	20.76	21.80
		3	3	20.83	21.06	20.95	21.80
		6	0	20.85	20.84	20.76	21.80
	16QAM	1	0	20.80	21.00	20.89	21.80
		1	2	21.00	21.18	21.21	21.80
		1	5	20.93	21.07	21.15	21.80
		3	0	20.74	20.80	20.84	21.80
		3	2	20.79	20.90	20.73	21.80
		3	3	20.80	21.02	20.85	21.80
		6	0	20.85	20.86	20.78	21.80
	64QAM	1	0	21.18	21.39	21.19	21.80
		1	2	21.38	21.37	21.73	21.80
		1	5	21.45	21.48	21.45	21.80
		3	0	21.40	21.41	21.52	21.80
		3	2	21.37	21.43	21.30	21.80

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		3	3	21.46	21.50	21.57	21.80
		6	0	20.44	20.37	20.40	20.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19965	20175	20385	
3MHz	QPSK	1	0	20.58	20.55	20.81	21.80
		1	7	20.80	20.82	20.93	21.80
		1	14	20.78	20.74	20.84	21.80
		8	0	20.66	20.77	20.66	21.80
		8	4	20.85	20.76	20.81	21.80
		8	7	20.75	20.90	20.84	21.80
		15	0	20.82	20.81	20.81	21.80
	16QAM	1	0	20.74	20.96	20.93	21.80
		1	7	21.02	21.14	21.22	21.80
		1	14	21.04	21.14	21.15	21.80
		8	0	20.70	20.75	20.79	21.80
		8	4	20.93	20.82	20.78	21.80
		8	7	20.91	20.98	20.86	21.80
		15	0	20.83	20.92	20.71	21.80
	64QAM	1	0	21.23	21.50	21.28	21.80
		1	7	21.39	21.21	21.73	21.80
		1	14	21.37	21.47	21.35	21.80
		8	0	20.36	20.35	20.38	20.80
		8	4	20.39	20.60	20.46	20.80
		8	7	20.48	20.52	20.59	20.80
		15	0	20.38	20.41	20.21	20.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19975	20175	20375	
5MHz	QPSK	1	0	20.52	20.55	20.83	21.80
		1	13	20.72	20.81	20.84	21.80
		1	24	20.75	20.91	20.86	21.80
		12	0	20.69	20.88	20.77	21.80
		12	6	20.74	20.80	20.79	21.80
		12	13	20.93	21.04	20.90	21.80
		25	0	20.92	20.79	20.82	21.80
	16QAM	1	0	20.91	20.95	20.84	21.80
		1	13	21.08	21.08	21.17	21.80
		1	24	21.01	21.04	21.10	21.80
		12	0	20.81	20.86	20.78	21.80
		12	6	20.91	20.89	20.71	21.80
		12	13	20.83	20.94	20.90	21.80
		25	0	20.79	21.00	20.81	21.80

	64QAM	1	0	21.15	21.40	21.19	21.80
		1	13	21.51	21.31	21.66	21.80
		1	24	21.47	21.45	21.32	21.80
		12	0	20.39	20.49	20.51	20.80
		12	6	20.28	20.44	20.42	20.80
		12	13	20.30	20.64	20.59	20.80
		25	0	20.35	20.28	20.36	20.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20000	20175	20350	
10MHz	QPSK	1	0	20.57	20.61	20.99	21.80
		1	25	20.64	20.77	20.82	21.80
		1	49	20.85	20.80	20.79	21.80
		25	0	20.73	20.88	20.75	21.80
		25	13	20.77	20.71	20.76	21.80
		25	25	20.91	21.04	20.88	21.80
		50	0	20.74	20.79	20.72	21.80
	16QAM	1	0	20.88	20.96	20.88	21.80
		1	25	21.12	21.17	21.21	21.80
		1	49	21.05	21.16	21.18	21.80
		25	0	20.85	20.76	20.83	21.80
		25	13	20.95	20.86	20.72	21.80
		25	25	20.75	21.00	20.96	21.80
		50	0	20.91	21.02	20.81	21.80
	64QAM	1	0	21.28	21.43	21.17	21.80
		1	25	21.48	21.30	21.66	21.80
		1	49	21.43	21.34	21.45	21.80
		25	0	20.37	20.49	20.47	20.80
		25	13	20.45	20.62	20.34	20.80
		25	25	20.39	20.63	20.58	20.80
		50	0	20.41	20.26	20.38	20.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20025	20175	20325	
15MHz	QPSK	1	0	20.52	20.59	20.83	21.80
		1	38	20.65	20.72	20.87	21.80
		1	74	20.75	20.85	20.86	21.80
		36	0	20.64	20.69	20.79	21.80
		36	18	20.92	20.90	20.73	21.80
		36	39	20.94	20.89	20.86	21.80
		75	0	20.78	20.77	20.87	21.80
	16QAM	1	0	20.89	20.95	20.93	21.80
		1	38	21.10	21.05	21.17	21.80

		1	74	21.00	21.13	21.20	21.80
		36	0	20.75	20.85	20.75	21.80
		36	18	20.78	20.95	20.77	21.80
		36	39	20.77	20.97	20.85	21.80
		75	0	20.85	20.88	20.85	21.80
	64QAM	1	0	21.12	21.48	21.30	21.80
		1	38	21.37	21.28	21.65	21.80
		1	74	21.46	21.35	21.31	21.80
		36	0	20.24	20.33	20.48	20.80
		36	18	20.37	20.61	20.48	20.80
		36	39	20.28	20.61	20.63	20.80
		75	0	20.30	20.44	20.37	20.80

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20050	20175	20300	
20MHz	QPSK	1	0	20.61	20.65	20.91	21.80
		1	50	20.71	20.79	20.88	21.80
		1	99	20.75	20.81	20.76	21.80
		50	0	20.73	20.78	20.74	21.80
		50	25	20.82	20.80	20.77	21.80
		50	50	20.85	20.96	20.85	21.80
		100	0	20.82	20.81	20.80	21.80
	16QAM	1	0	20.82	21.05	20.85	21.80
		1	50	21.05	21.09	21.27	21.80
		1	99	21.03	21.12	21.10	21.80
		50	0	20.76	20.81	20.74	21.80
		50	25	20.86	20.86	20.80	21.80
		50	50	20.85	20.98	20.94	21.80
		100	0	20.89	20.92	20.78	21.80
	64QAM	1	0	21.22	21.46	21.21	21.80
		1	50	21.44	21.31	21.64	21.80
		1	99	21.45	21.42	21.36	21.80
		50	0	20.31	20.41	20.47	20.80
		50	25	20.38	20.52	20.40	20.80
		50	50	20.38	20.59	20.60	20.80
		100	0	20.39	20.34	20.30	20.80

LTE Band 7 state3				**Conducted Power(dBm)**			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20775	21100	21425	

5MHz	QPSK	1	0	21.93	22.11	22.01	23.30
		1	13	22.05	22.12	21.82	23.30
		1	24	21.99	22.05	21.70	23.30
		12	0	21.13	21.16	21.14	22.30
		12	6	21.11	21.11	21.29	22.30
		12	13	21.11	21.11	21.03	22.30
		25	0	21.09	21.06	21.07	22.30
	16QAM	1	0	21.21	21.12	21.25	22.30
		1	13	21.37	21.18	21.30	22.30
		1	24	21.08	21.33	21.14	22.30
		12	0	20.29	20.03	20.10	21.30
		12	6	20.35	20.11	20.19	21.30
		12	13	20.13	20.18	20.15	21.30
		25	0	20.21	20.25	20.13	21.30
	64QAM	1	0	21.27	21.22	21.21	21.30
		1	13	21.15	21.27	20.91	21.30
		1	24	20.82	21.08	20.95	21.30
		12	0	20.28	19.95	20.20	20.30
		12	6	20.26	20.06	20.04	20.30
		12	13	20.09	20.11	20.03	20.30
		25	0	20.23	20.03	20.06	20.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20800	21100	21400	
10MHz	QPSK	1	0	22.12	22.01	21.90	23.30
		1	25	21.95	22.02	21.86	23.30
		1	49	21.83	22.09	21.72	23.30
		25	0	21.11	21.27	21.07	22.30
		25	13	21.11	21.11	21.20	22.30
		25	25	21.06	21.23	20.96	22.30
		50	0	21.20	20.96	21.17	22.30
	16QAM	1	0	21.30	21.09	21.17	22.30
		1	25	21.36	21.16	21.25	22.30
		1	49	21.12	21.46	21.13	22.30
		25	0	20.18	20.17	20.27	21.30
		25	13	20.24	20.09	20.11	21.30
		25	25	20.10	20.11	20.13	21.30
		50	0	20.28	20.23	20.16	21.30
	64QAM	1	0	21.18	21.08	21.01	21.30
		1	25	21.16	21.28	21.02	21.30
		1	49	20.94	20.99	20.96	21.30

		25	0	20.16	20.12	20.15	20.30
		25	13	20.27	20.09	20.10	20.30
		25	25	20.08	20.15	20.12	20.30
		50	0	20.29	20.19	20.22	20.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20825	21100	21375	
15MHz	QPSK	1	0	21.94	22.03	21.85	23.30
		1	38	22.07	21.99	21.85	23.30
		1	74	21.91	22.02	21.70	23.30
		36	0	21.24	21.20	21.07	22.30
		36	18	21.18	21.09	21.27	22.30
		36	39	21.14	21.31	21.00	22.30
		75	0	21.12	21.06	21.15	22.30
	16QAM	1	0	21.27	21.08	21.14	22.30
		1	38	21.32	21.21	21.28	22.30
		1	74	21.04	21.46	21.07	22.30
		36	0	20.22	20.09	20.12	21.30
		36	18	20.39	20.19	20.17	21.30
		36	39	20.05	20.15	20.19	21.30
		75	0	20.24	20.23	20.20	21.30
	64QAM	1	0	21.16	21.06	21.02	21.30
		1	38	21.17	21.26	20.87	21.30
		1	74	20.87	21.06	21.02	21.30
		36	0	20.21	20.12	20.17	20.30
		36	18	20.27	20.08	20.07	20.30
		36	39	20.12	20.06	20.00	20.30
		75	0	20.21	20.11	20.18	20.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20850	21100	21350	
20MHz	QPSK	1	0	22.02	22.11	21.93	23.30
		1	50	22.03	22.09	21.88	23.30
		1	99	21.89	22.10	21.80	23.30
		50	0	21.19	21.24	21.15	22.30
		50	25	21.17	21.07	21.23	22.30
		50	50	21.15	21.21	21.06	22.30
		100	0	21.17	21.05	21.15	22.30
	16QAM	1	0	21.30	21.06	21.22	22.30
		1	50	21.37	21.15	21.29	22.30
		1	99	21.04	21.39	21.14	22.30
		50	0	20.27	20.12	20.20	21.30

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		50	25	20.30	20.11	20.13	21.30
		50	50	20.10	20.12	20.11	21.30
		100	0	20.19	20.15	20.13	21.30
	64QAM	1	0	21.25	21.14	21.11	21.30
		1	50	21.15	21.28	20.97	21.30
		1	99	20.92	21.09	21.04	21.30
		50	0	20.24	20.04	20.13	20.30
		50	25	20.19	20.09	20.10	20.30
		50	50	20.10	20.08	20.06	20.30
		100	0	20.29	20.11	20.13	20.30

LTE Band 7 state5				**Conducted Power(dBm)**			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20775	21100	21425	
5MHz	QPSK	1	0	20.25	19.87	20.04	21.30
		1	13	19.82	20.24	19.93	21.30
		1	24	19.77	19.99	19.65	21.30
		12	0	20.14	20.12	20.01	21.30
		12	6	20.21	19.90	19.94	21.30
		12	13	19.97	19.93	20.06	21.30
		25	0	20.13	20.02	20.02	21.30
	16QAM	1	0	20.28	20.12	20.22	21.30
		1	13	20.23	20.06	20.30	21.30
		1	24	20.12	20.12	19.97	21.30
		12	0	20.08	20.02	20.13	21.30
		12	6	20.12	19.96	19.99	21.30
		12	13	20.11	19.87	20.08	21.30
		25	0	20.06	20.05	20.06	21.30
	64QAM	1	0	19.97	20.08	19.94	21.30
		1	13	19.69	20.16	20.11	21.30
		1	24	19.85	19.93	19.30	21.30
		12	0	20.23	20.08	20.16	20.30
		12	6	20.12	20.11	20.08	20.30
		12	13	20.20	19.97	19.98	20.30
		25	0	20.21	19.96	20.09	20.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20800	21100	21400	
10MHz	QPSK	1	0	20.20	19.86	19.95	21.30

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		1	25	19.95	20.29	19.97	21.30
		1	49	19.82	19.83	19.76	21.30
		25	0	20.14	19.97	20.08	21.30
		25	13	20.22	20.09	20.12	21.30
		25	25	19.97	19.90	20.10	21.30
		50	0	20.12	20.02	20.03	21.30
	16QAM	1	0	20.31	20.04	20.19	21.30
		1	25	20.16	20.17	20.19	21.30
		1	49	20.04	20.11	19.98	21.30
		25	0	20.27	20.02	20.14	21.30
		25	13	20.17	20.07	20.02	21.30
		25	25	20.04	19.91	20.05	21.30
		50	0	20.15	20.02	20.06	21.30
	64QAM	1	0	19.97	20.15	19.97	21.30
		1	25	19.60	20.12	20.17	21.30
		1	49	19.76	19.95	19.38	21.30
		25	0	20.16	19.93	20.08	20.30
		25	13	20.14	20.04	20.11	20.30
		25	25	20.22	19.96	19.91	20.30
		50	0	20.16	19.89	20.03	20.30

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20825	21100	21375	
15MHz	QPSK	1	0	20.18	19.80	20.12	21.30
		1	38	19.84	20.27	19.81	21.30
		1	74	19.76	19.88	19.68	21.30
		36	0	20.15	20.10	20.01	21.30
		36	18	20.14	19.90	20.06	21.30
		36	39	19.87	19.88	20.05	21.30
		75	0	20.16	20.05	20.14	21.30
	16QAM	1	0	20.24	20.03	20.16	21.30
		1	38	20.27	20.11	20.35	21.30
		1	74	20.07	20.17	19.99	21.30
		36	0	20.26	20.06	19.99	21.30
		36	18	20.22	19.99	19.98	21.30
		36	39	19.97	19.91	20.07	21.30
		75	0	20.20	19.95	20.01	21.30
	64QAM	1	0	20.06	20.11	19.95	21.30
		1	38	19.55	20.14	20.06	21.30
		1	74	19.79	19.90	19.32	21.30
		36	0	20.24	19.94	20.03	20.30

		36	18	20.11	20.06	20.07	20.30
		36	39	20.15	20.03	20.05	20.30
		75	0	20.26	19.99	20.08	20.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20850	21100	21350	
20MHz	QPSK	1	0	20.19	19.84	20.02	21.30
		1	50	19.89	20.23	19.89	21.30
		1	99	19.84	19.90	19.75	21.30
		50	0	20.20	20.07	20.05	21.30
		50	25	20.15	19.99	20.04	21.30
		50	50	19.94	19.94	20.00	21.30
		100	0	20.06	20.08	19.98	21.30
	16QAM	1	0	20.27	20.11	20.26	21.30
		1	50	20.22	20.13	20.27	21.30
		1	99	20.13	20.12	20.04	21.30
		50	0	20.18	19.97	20.09	21.30
		50	25	20.15	19.99	20.07	21.30
		50	50	20.04	19.97	20.06	21.30
		100	0	20.15	19.99	20.01	21.30
	64QAM	1	0	19.99	20.07	20.03	21.30
		1	50	19.63	20.22	20.09	21.30
		1	99	19.86	20.00	19.37	21.30
		50	0	20.18	19.98	20.08	20.30
		50	25	20.16	20.05	20.05	20.30
		50	50	20.17	20.02	19.95	20.30
		100	0	20.17	19.94	20.03	20.30

LTE Band 7 state8				**Conducted Power(dBm)**			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20775	21100	21425	
5MHz	QPSK	1	0	21.59	21.30	21.58	22.80
		1	13	21.95	21.42	22.07	22.80
		1	24	21.73	21.81	21.33	22.80
		12	0	21.20	21.11	21.08	22.30
		12	6	21.22	21.13	21.16	22.30
		12	13	21.16	21.21	20.98	22.30
		25	0	21.32	21.20	21.19	22.30
	16QAM	1	0	21.42	21.22	21.31	22.30

		1	13	21.44	21.60	21.34	22.30
		1	24	20.92	21.34	21.21	22.30
		12	0	20.27	20.21	19.92	21.30
		12	6	20.18	20.15	19.95	21.30
		12	13	20.17	19.98	19.90	21.30
		25	0	20.19	20.08	20.06	21.30
	64QAM	1	0	21.25	20.96	20.82	21.30
		1	13	21.25	20.97	20.91	21.30
		1	24	21.04	21.25	20.88	21.30
		12	0	20.22	19.97	20.07	20.30
		12	6	20.21	19.96	20.29	20.30
		12	13	20.16	20.11	20.20	20.30
		25	0	20.10	20.18	20.06	20.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20800	21100	21400	
10MHz	QPSK	1	0	21.49	21.47	21.73	22.80
		1	25	21.98	21.29	21.91	22.80
		1	49	21.78	21.76	21.40	22.80
		25	0	21.33	21.03	21.12	22.30
		25	13	21.23	21.16	21.23	22.30
		25	25	21.21	21.19	21.04	22.30
		50	0	21.34	21.05	21.23	22.30
	16QAM	1	0	21.55	21.22	21.35	22.30
		1	25	21.31	21.52	21.34	22.30
		1	49	20.87	21.36	21.14	22.30
		25	0	20.22	20.27	20.08	21.30
		25	13	20.19	20.04	20.06	21.30
		25	25	20.10	19.97	19.90	21.30
		50	0	20.29	20.13	20.03	21.30
	64QAM	1	0	21.27	21.00	20.98	21.30
		1	25	21.25	21.05	20.87	21.30
		1	49	20.96	21.16	21.03	21.30
		25	0	20.24	20.02	20.22	20.30
		25	13	20.17	20.06	20.28	20.30
		25	25	20.00	19.99	20.14	20.30
		50	0	20.15	20.11	20.03	20.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20825	21100	21375	
15MHz	QPSK	1	0	21.57	21.34	21.73	22.80
		1	38	21.98	21.29	22.00	22.80

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		1	74	21.63	21.65	21.24	22.80
		36	0	21.16	21.17	21.09	22.30
		36	18	21.25	21.15	21.07	22.30
		36	39	21.15	21.16	21.00	22.30
		75	0	21.30	21.20	21.08	22.30
	16QAM	1	0	21.60	21.40	21.24	22.30
		1	38	21.47	21.66	21.35	22.30
		1	74	20.93	21.51	21.16	22.30
		36	0	20.24	20.21	20.01	21.30
		36	18	20.06	20.22	20.13	21.30
		36	39	20.11	20.07	19.91	21.30
		75	0	20.30	20.15	20.11	21.30
	64QAM	1	0	21.20	20.94	20.95	21.30
		1	38	21.26	21.07	20.80	21.30
		1	74	21.07	21.24	20.91	21.30
		36	0	20.16	19.93	20.05	20.30
		36	18	20.18	20.09	20.27	20.30
		36	39	20.03	20.12	20.13	20.30
		75	0	20.14	20.14	20.02	20.30

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20850	21100	21350	
20MHz	QPSK	1	0	21.52	21.37	21.68	22.80
		1	50	22.12	21.33	21.98	22.80
		1	99	21.69	21.73	21.31	22.80
		50	0	21.23	21.09	21.13	22.30
		50	25	21.23	21.14	21.14	22.30
		50	50	21.11	21.12	21.05	22.30
		100	0	21.26	21.13	21.18	22.30
	16QAM	1	0	21.51	21.30	21.27	22.30
		1	50	21.38	21.59	21.35	22.30
		1	99	20.86	21.43	21.14	22.30
		50	0	20.23	20.18	20.00	21.30
		50	25	20.15	20.12	20.04	21.30
		50	50	20.19	20.03	20.00	21.30
		100	0	20.21	20.06	20.12	21.30
	64QAM	1	0	21.26	21.00	20.92	21.30
		1	50	21.17	21.07	20.84	21.30
		1	99	21.03	21.21	20.97	21.30
		50	0	20.22	20.02	20.12	20.30
		50	25	20.20	20.04	20.20	20.30

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		50	50	20.09	20.09	20.14	20.30
		100	0	20.11	20.10	20.11	20.30

LTE Band 7 state10				**Conducted Power(dBm)**			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20775	21100	21425	
5MHz	QPSK	1	0	18.93	19.15	19.33	20.30
		1	13	18.96	19.28	18.97	20.30
		1	24	18.82	18.82	18.83	20.30
		12	0	19.28	18.99	19.15	20.30
		12	6	19.13	19.07	18.99	20.30
		12	13	19.05	19.07	19.07	20.30
		25	0	19.06	19.07	18.96	20.30
	16QAM	1	0	19.30	19.22	19.16	20.30
		1	13	19.19	19.28	19.24	20.30
		1	24	19.02	19.21	19.10	20.30
		12	0	19.07	19.14	19.02	20.30
		12	6	19.11	19.09	19.11	20.30
		12	13	19.19	19.00	19.02	20.30
		25	0	19.22	19.12	19.02	20.30
	64QAM	1	0	19.28	18.95	18.71	20.30
		1	13	19.08	18.91	18.96	20.30
		1	24	19.01	19.22	18.71	20.30
		12	0	19.11	18.93	19.00	20.30
		12	6	19.00	18.89	18.94	20.30
		12	13	19.02	18.82	19.00	20.30
		25	0	19.18	19.15	19.10	20.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20800	21100	21400	
10MHz	QPSK	1	0	19.11	19.32	19.24	20.30
		1	25	18.95	19.33	18.80	20.30
		1	49	18.93	18.84	18.71	20.30
		25	0	19.21	18.94	19.07	20.30
		25	13	19.23	18.98	19.05	20.30
		25	25	18.99	18.98	18.99	20.30
		50	0	19.11	18.88	18.94	20.30
	16QAM	1	0	19.34	19.38	19.07	20.30
		1	25	19.23	19.25	19.39	20.30

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		1	49	19.07	19.36	19.12	20.30
		25	0	19.22	19.21	19.10	20.30
		25	13	19.02	19.09	18.97	20.30
		25	25	19.09	18.93	19.02	20.30
		50	0	19.13	19.04	19.04	20.30
	64QAM	1	0	19.36	19.04	18.78	20.30
		1	25	19.12	18.95	18.90	20.30
		1	49	19.00	19.13	18.76	20.30
		25	0	19.19	18.93	18.91	20.30
		25	13	18.99	18.89	18.97	20.30
		25	25	19.05	18.95	18.96	20.30
		50	0	19.06	19.10	19.10	20.30

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20825	21100	21375	
15MHz	QPSK	1	0	19.03	19.16	19.26	20.30
		1	38	18.93	19.26	18.91	20.30
		1	74	18.82	18.92	18.63	20.30
		36	0	19.12	19.05	19.11	20.30
		36	18	19.21	19.06	18.98	20.30
		36	39	19.17	19.02	18.89	20.30
		75	0	19.07	19.00	18.92	20.30
	16QAM	1	0	19.25	19.35	19.17	20.30
		1	38	19.14	19.24	19.23	20.30
		1	74	19.03	19.36	19.20	20.30
		36	0	19.18	19.18	19.04	20.30
		36	18	19.13	19.13	19.03	20.30
		36	39	19.13	19.01	19.02	20.30
		75	0	19.04	19.23	18.95	20.30
	64QAM	1	0	19.19	18.91	18.60	20.30
		1	38	19.15	18.81	18.93	20.30
		1	74	19.03	19.11	18.74	20.30
		36	0	19.03	18.95	18.96	20.30
		36	18	19.10	19.04	18.91	20.30
		36	39	18.92	18.94	19.02	20.30
		75	0	19.01	19.11	19.02	20.30

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20850	21100	21350	
20MHz	QPSK	1	0	19.02	19.24	19.34	20.30
		1	50	18.93	19.30	18.90	20.30
		1	99	18.88	18.86	18.73	20.30

		50	0	19.19	19.02	19.07	20.30
		50	25	19.16	19.01	19.05	20.30
		50	50	19.09	18.99	18.97	20.30
		100	0	19.12	18.97	19.01	20.30
	16QAM	1	0	19.33	19.28	19.15	20.30
		1	50	19.20	19.30	19.32	20.30
		1	99	19.12	19.31	19.14	20.30
		50	0	19.13	19.13	19.02	20.30
		50	25	19.10	19.10	19.01	20.30
		50	50	19.12	18.98	18.99	20.30
		100	0	19.12	19.13	18.96	20.30
	64QAM	1	0	19.27	18.98	18.68	20.30
		1	50	19.08	18.89	18.90	20.30
		1	99	19.08	19.13	18.79	20.30
		50	0	19.12	18.97	19.01	20.30
		50	25	19.08	18.98	18.98	20.30
		50	50	19.02	18.92	18.96	20.30
		100	0	19.10	19.11	19.00	20.30

LTE Band 66 state3				**Conducted Power(dBm)**			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131979	132322	132665	
1.4MHz	QPSK	1	0	21.95	22.22	22.10	23.30
		1	2	21.98	21.99	21.77	23.30
		1	5	22.05	22.00	22.15	23.30
		3	0	22.10	22.07	22.00	23.30
		3	1	22.09	22.24	21.98	23.30
		3	3	22.33	22.12	22.18	23.30
		6	0	21.73	21.84	21.59	22.80
	16QAM	1	0	21.62	21.77	21.59	22.80
		1	2	21.75	21.56	21.65	22.80
		1	5	21.60	21.57	21.79	22.80
		3	0	21.56	21.68	21.63	22.80
		3	1	21.63	21.65	21.55	22.80
		3	3	21.59	21.63	21.66	22.80
		6	0	20.52	20.78	20.64	21.80
	64QAM	1	0	20.67	20.66	20.46	21.80
		1	2	20.73	20.59	20.56	21.80
		1	5	20.74	20.72	20.63	21.80

		3	0	20.53	20.69	20.45	21.80
		3	1	20.63	20.60	20.44	21.80
		3	3	20.59	20.61	20.64	21.80
		6	0	19.85	19.68	19.62	20.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131987	132322	132657	
3MHz	QPSK	1	0	21.99	22.28	22.26	23.30
		1	7	21.95	22.07	21.83	23.30
		1	14	22.15	21.94	21.99	23.30
		8	0	21.57	21.63	21.43	22.80
		8	4	21.53	21.54	21.51	22.80
		8	7	21.55	21.58	21.74	22.80
		15	0	21.68	21.59	21.63	22.80
	16QAM	1	0	21.57	21.80	21.48	22.80
		1	7	21.60	21.57	21.81	22.80
		1	14	21.85	21.64	21.60	22.80
		8	0	20.73	20.72	20.62	21.80
		8	4	20.77	20.53	20.64	21.80
		8	7	20.54	20.78	20.63	21.80
		15	0	20.63	20.68	20.61	21.80
	64QAM	1	0	20.56	20.54	20.34	21.80
		1	7	20.66	20.62	20.54	21.80
		1	14	20.76	20.58	20.59	21.80
		8	0	19.53	19.71	19.50	20.80
		8	4	19.65	19.56	19.69	20.80
		8	7	19.73	19.75	19.65	20.80
		15	0	19.60	19.68	19.73	20.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131997	132322	132647	
5MHz	QPSK	1	0	21.90	22.05	22.18	23.30
		1	13	22.07	22.08	22.05	23.30
		1	24	22.21	22.15	22.12	23.30
		12	0	21.71	21.67	21.43	22.80
		12	6	21.58	21.67	21.59	22.80
		12	13	21.70	21.76	21.71	22.80
		25	0	21.68	21.83	21.82	22.80
	16QAM	1	0	21.70	21.80	21.56	22.80
		1	13	21.57	21.55	21.81	22.80
		1	24	21.73	21.62	21.80	22.80
		12	0	20.58	20.67	20.52	21.80
		12	6	20.51	20.55	20.74	21.80

		12	13	20.75	20.83	20.61	21.80
		25	0	20.82	20.58	20.75	21.80
	64QAM	1	0	20.68	20.60	20.47	21.80
		1	13	20.70	20.77	20.59	21.80
		1	24	20.75	20.56	20.57	21.80
		12	0	19.67	19.59	19.59	20.80
		12	6	19.67	19.78	19.74	20.80
		12	13	19.55	19.76	19.68	20.80
		25	0	19.78	19.79	19.77	20.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132022	132322	132622	
10MHz	QPSK	1	0	22.00	22.33	22.28	23.30
		1	25	22.18	22.11	21.81	23.30
		1	49	22.09	22.22	22.16	23.30
		25	0	21.67	21.78	21.41	22.80
		25	13	21.69	21.59	21.48	22.80
		25	25	21.82	21.79	21.64	22.80
		50	0	21.67	21.69	21.84	22.80
	16QAM	1	0	21.74	21.72	21.46	22.80
		1	25	21.81	21.66	21.71	22.80
		1	49	21.82	21.66	21.63	22.80
		25	0	20.48	20.82	20.61	21.80
		25	13	20.64	20.64	20.80	21.80
		25	25	20.66	20.66	20.50	21.80
		50	0	20.66	20.51	20.57	21.80
	64QAM	1	0	20.64	20.53	20.52	21.80
		1	25	20.73	20.82	20.63	21.80
		1	49	20.58	20.54	20.79	21.80
		25	0	19.60	19.59	19.67	20.80
		25	13	19.70	19.66	19.78	20.80
		25	25	19.57	19.63	19.80	20.80
		50	0	19.62	19.52	19.56	20.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132047	132322	132597	
15MHz	QPSK	1	0	22.03	22.23	22.28	23.30
		1	38	22.02	21.99	22.06	23.30
		1	74	22.07	21.95	22.19	23.30
		36	0	21.71	21.73	21.47	22.80
		36	18	21.73	21.80	21.56	22.80
		36	39	21.79	21.59	21.74	22.80
		75	0	21.67	21.58	21.77	22.80

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	16QAM	1	0	21.63	21.66	21.55	22.80
		1	38	21.55	21.71	21.58	22.80
		1	74	21.79	21.51	21.74	22.80
		36	0	20.75	20.61	20.55	21.80
		36	18	20.60	20.76	20.79	21.80
		36	39	20.52	20.71	20.56	21.80
		75	0	20.60	20.79	20.50	21.80
	64QAM	1	0	20.54	20.45	20.58	21.80
		1	38	20.56	20.60	20.60	21.80
		1	74	20.74	20.54	20.66	21.80
		36	0	19.49	19.48	19.54	20.80
		36	18	19.57	19.71	19.77	20.80
		36	39	19.71	19.55	19.79	20.80
		75	0	19.77	19.74	19.54	20.80

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132072	132322	132572	
20MHz	QPSK	1	0	22.12	22.30	22.30	23.30
		1	50	22.15	22.23	22.01	23.30
		1	99	22.17	22.17	22.17	23.30
		50	0	21.74	21.73	21.65	22.80
		50	25	21.71	21.76	21.72	22.80
		50	50	21.80	21.79	21.73	22.80
		100	0	21.71	21.80	21.79	22.80
	16QAM	1	0	21.73	21.75	21.71	22.80
		1	50	21.79	21.75	21.78	22.80
		1	99	21.80	21.68	21.75	22.80
		50	0	20.70	20.80	20.76	21.80
		50	25	20.73	20.75	20.75	21.80
		50	50	20.73	20.79	20.75	21.80
		100	0	20.77	20.75	20.71	21.80
	64QAM	1	0	20.77	20.61	20.59	21.80
		1	50	20.74	20.78	20.61	21.80
		1	99	20.71	20.71	20.78	21.80
		50	0	19.72	19.70	19.74	20.80
		50	25	19.75	19.75	19.74	20.80
		50	50	19.79	19.79	19.76	20.80
		100	0	19.80	19.76	19.72	20.80

LTE Band 66 state5	**Conducted Power(dBm)**

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Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131979	132322	132665	
1.4MHz	QPSK	1	0	21.75	21.72	21.58	22.80
		1	2	21.76	21.63	21.74	22.80
		1	5	21.71	21.78	21.64	22.80
		3	0	21.75	21.77	21.66	22.80
		3	1	21.71	21.79	21.80	22.80
		3	3	21.74	21.61	21.72	22.80
		6	0	21.71	21.69	21.64	22.80
	16QAM	1	0	21.62	21.66	21.73	22.80
		1	2	21.73	21.76	21.70	22.80
		1	5	21.76	21.73	21.62	22.80
		3	0	21.81	21.83	21.76	22.80
		3	1	21.63	21.70	21.66	22.80
		3	3	21.66	21.65	21.74	22.80
		6	0	20.60	20.71	20.77	21.80
	64QAM	1	0	20.78	20.63	20.64	21.80
		1	2	20.72	20.73	20.73	21.80
		1	5	20.70	20.75	20.54	21.80
		3	0	20.65	20.68	20.78	21.80
		3	1	20.73	20.76	20.78	21.80
		3	3	20.61	20.63	20.64	21.80
		6	0	19.48	19.72	19.76	20.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131987	132322	132657	
3MHz	QPSK	1	0	21.76	21.66	21.45	22.80
		1	7	21.72	21.72	21.55	22.80
		1	14	21.69	21.73	21.71	22.80
		8	0	21.75	21.78	21.71	22.80
		8	4	21.73	21.77	21.77	22.80
		8	7	21.74	21.62	21.67	22.80
		15	0	21.71	21.68	21.71	22.80
	16QAM	1	0	21.76	21.73	21.74	22.80
		1	7	21.60	21.76	21.54	22.80
		1	14	21.76	21.71	21.69	22.80
		8	0	20.72	20.74	20.77	21.80
		8	4	20.66	20.73	20.63	21.80
		8	7	20.80	20.74	20.58	21.80
		15	0	20.78	20.67	20.67	21.80
	64QAM	1	0	20.75	20.73	20.63	21.80
		1	7	20.77	20.72	20.72	21.80

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		1	14	20.67	20.76	20.72	21.80
		8	0	19.64	19.66	19.65	20.80
		8	4	19.78	19.71	19.65	20.80
		8	7	19.71	19.68	19.73	20.80
		15	0	19.46	19.74	19.67	20.80

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131997	132322	132647	
5MHz	QPSK	1	0	21.79	21.69	21.65	22.80
		1	13	21.76	21.59	21.59	22.80
		1	24	21.76	21.67	21.67	22.80
		12	0	21.72	21.75	21.72	22.80
		12	6	21.65	21.71	21.65	22.80
		12	13	21.71	21.66	21.73	22.80
		25	0	21.67	21.59	21.62	22.80
	16QAM	1	0	21.77	21.62	21.73	22.80
		1	13	21.58	21.79	21.72	22.80
		1	24	21.69	21.73	21.52	22.80
		12	0	20.80	20.71	20.75	21.80
		12	6	20.75	20.62	20.67	21.80
		12	13	20.63	20.68	20.63	21.80
		25	0	20.80	20.61	20.66	21.80
	64QAM	1	0	20.68	20.75	20.61	21.80
		1	13	20.61	20.78	20.63	21.80
		1	24	20.61	20.79	20.64	21.80
		12	0	19.79	19.68	19.62	20.80
		12	6	19.76	19.64	19.70	20.80
		12	13	19.64	19.64	19.75	20.80
		25	0	19.57	19.73	19.72	20.80

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132022	132322	132622	
10MHz	QPSK	1	0	21.69	21.69	21.55	22.80
		1	25	21.72	21.60	21.54	22.80
		1	49	21.72	21.71	21.63	22.80
		25	0	21.74	21.74	21.71	22.80
		25	13	21.71	21.67	21.67	22.80
		25	25	21.77	21.76	21.70	22.80
		50	0	21.76	21.73	21.55	22.80
	16QAM	1	0	21.69	21.74	21.72	22.80
		1	25	21.68	21.69	21.70	22.80
		1	49	21.78	21.77	21.66	22.80
		25	0	20.71	20.78	20.65	21.80

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		25	13	20.66	20.55	20.63	21.80
		25	25	20.78	20.66	20.62	21.80
		50	0	20.65	20.52	20.77	21.80
	64QAM	1	0	20.75	20.62	20.59	21.80
		1	25	20.79	20.71	20.66	21.80
		1	49	20.59	20.71	20.62	21.80
		25	0	19.80	19.80	19.74	20.80
		25	13	19.72	19.71	19.70	20.80
		25	25	19.71	19.68	19.68	20.80
		50	0	19.52	19.76	19.77	20.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132047	132322	132597	
15MHz	QPSK	1	0	21.76	21.70	21.55	22.80
		1	38	21.78	21.78	21.67	22.80
		1	74	21.72	21.73	21.67	22.80
		36	0	21.79	21.76	21.71	22.80
		36	18	21.80	21.68	21.67	22.80
		36	39	21.74	21.61	21.77	22.80
		75	0	21.69	21.54	21.57	22.80
	16QAM	1	0	21.58	21.64	21.79	22.80
		1	38	21.63	21.77	21.65	22.80
		1	74	21.71	21.75	21.65	22.80
		36	0	20.78	20.78	20.70	21.80
		36	18	20.66	20.70	20.73	21.80
		36	39	20.72	20.76	20.57	21.80
		75	0	20.74	20.52	20.68	21.80
	64QAM	1	0	20.75	20.75	20.51	21.80
		1	38	20.72	20.76	20.60	21.80
		1	74	20.62	20.75	20.61	21.80
		36	0	19.78	19.76	19.76	20.80
		36	18	19.79	19.69	19.80	20.80
		36	39	19.67	19.79	19.73	20.80
		75	0	19.48	19.70	19.77	20.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132072	132322	132572	
20MHz	QPSK	1	0	21.79	21.74	21.55	22.80
		1	50	21.76	21.68	21.64	22.80
		1	99	21.78	21.74	21.72	22.80
		50	0	21.78	21.78	21.72	22.80
		50	25	21.74	21.77	21.74	22.80
		50	50	21.72	21.68	21.73	22.80

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		100	0	21.74	21.64	21.61	22.80
	16QAM	1	0	21.68	21.69	21.77	22.80
		1	50	21.68	21.74	21.64	22.80
		1	99	21.74	21.79	21.61	22.80
		50	0	20.80	20.80	20.67	21.80
		50	25	20.71	20.63	20.65	21.80
		50	50	20.71	20.75	20.67	21.80
		100	0	20.70	20.62	20.70	21.80
	64QAM	1	0	20.78	20.71	20.55	21.80
		1	50	20.70	20.69	20.68	21.80
		1	99	20.64	20.76	20.62	21.80
		50	0	19.73	19.71	19.69	20.80
		50	25	19.78	19.73	19.75	20.80
		50	50	19.71	19.70	19.65	20.80
		100	0	19.51	19.79	19.74	20.80

LTE Band 66 state8				**Conducted Power(dBm)**			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131979	132322	132665	
1.4MHz	QPSK	1	0	20.23	20.03	20.01	21.30
		1	2	20.14	20.08	19.89	21.30
		1	5	20.06	20.02	20.18	21.30
		3	0	20.13	20.07	19.96	21.30
		3	1	20.27	20.08	20.00	21.30
		3	3	20.36	20.34	20.03	21.30
		6	0	20.20	20.18	20.25	21.30
	16QAM	1	0	20.38	20.46	20.09	21.30
		1	2	20.51	20.25	20.15	21.30
		1	5	20.50	20.30	20.30	21.30
		3	0	20.17	20.02	20.04	21.30
		3	1	20.26	20.24	20.33	21.30
		3	3	20.12	20.17	20.35	21.30
		6	0	20.11	20.26	19.98	21.30
	64QAM	1	0	19.89	20.32	19.95	21.30
		1	2	20.17	20.19	20.02	21.30
		1	5	20.45	20.28	20.01	21.30
		3	0	19.77	20.21	20.03	21.30
		3	1	20.27	20.30	20.01	21.30
		3	3	20.47	20.38	20.15	21.30

		6	0	19.35	19.30	19.17	20.80

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131987	132322	132657	
3MHz	QPSK	1	0	20.26	20.10	20.13	21.30
		1	7	20.17	20.10	20.13	21.30
		1	14	20.24	20.00	20.03	21.30
		8	0	20.32	20.04	20.20	21.30
		8	4	20.32	20.04	20.16	21.30
		8	7	20.11	20.25	20.06	21.30
		15	0	20.13	19.94	20.20	21.30
	16QAM	1	0	20.42	20.57	20.20	21.30
		1	7	20.58	20.17	20.06	21.30
		1	14	20.32	20.28	20.13	21.30
		8	0	20.13	20.03	20.12	21.30
		8	4	20.13	20.33	20.06	21.30
		8	7	20.30	20.04	20.20	21.30
		15	0	20.08	20.19	20.01	21.30
	64QAM	1	0	19.88	20.18	19.88	21.30
		1	7	20.25	20.14	20.12	21.30
		1	14	20.37	20.47	20.02	21.30
		8	0	19.19	19.06	19.16	20.80
		8	4	19.36	19.24	19.10	20.80
		8	7	19.37	19.21	19.12	20.80
		15	0	19.14	19.28	19.30	20.80

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131997	132322	132647	
5MHz	QPSK	1	0	20.19	20.13	20.16	21.30
		1	13	20.24	20.10	20.10	21.30
		1	24	20.04	20.02	20.00	21.30
		12	0	20.15	19.96	20.02	21.30
		12	6	20.27	20.15	20.15	21.30
		12	13	20.32	20.14	20.13	21.30
		25	0	20.32	20.13	20.07	21.30
	16QAM	1	0	20.28	20.37	20.20	21.30
		1	13	20.32	20.36	20.01	21.30
		1	24	20.54	20.14	20.20	21.30
		12	0	20.30	20.21	20.16	21.30
		12	6	20.33	20.09	20.26	21.30
		12	13	20.03	20.08	20.32	21.30
		25	0	20.10	20.10	20.06	21.30
	64QAM	1	0	19.87	20.15	19.91	21.30

		1	13	20.12	20.15	19.95	21.30
		1	24	20.48	20.49	20.20	21.30
		12	0	19.27	19.15	19.14	20.80
		12	6	19.31	19.29	19.03	20.80
		12	13	19.28	19.28	19.15	20.80
		25	0	19.11	19.07	19.21	20.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132022	132322	132622	
10MHz	QPSK	1	0	19.99	19.98	19.91	21.30
		1	25	20.05	20.20	20.09	21.30
		1	49	20.15	20.25	20.13	21.30
		25	0	20.26	20.09	20.03	21.30
		25	13	20.14	20.17	20.25	21.30
		25	25	20.28	20.04	20.18	21.30
		50	0	20.13	20.03	20.18	21.30
	16QAM	1	0	20.24	20.47	20.17	21.30
		1	25	20.36	20.27	20.28	21.30
		1	49	20.41	20.15	20.20	21.30
		25	0	20.20	20.21	19.97	21.30
		25	13	20.28	20.32	20.23	21.30
		25	25	20.03	20.22	20.05	21.30
		50	0	20.18	20.01	20.11	21.30
	64QAM	1	0	20.02	20.32	19.92	21.30
		1	25	20.03	20.13	20.14	21.30
		1	49	20.21	20.33	20.08	21.30
		25	0	19.28	19.04	19.01	20.80
		25	13	19.22	19.27	19.19	20.80
		25	25	19.27	19.17	19.19	20.80
		50	0	19.13	19.11	19.08	20.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132047	132322	132597	
15MHz	QPSK	1	0	20.25	20.05	20.12	21.30
		1	38	20.26	19.99	19.87	21.30
		1	74	20.31	20.26	20.07	21.30
		36	0	20.25	20.19	20.05	21.30
		36	18	20.23	20.14	20.05	21.30
		36	39	20.37	20.28	20.29	21.30
		75	0	20.34	20.04	20.02	21.30
	16QAM	1	0	20.44	20.44	20.12	21.30
		1	38	20.42	20.28	20.13	21.30
		1	74	20.36	20.32	20.11	21.30

		36	0	20.08	20.17	20.05	21.30
		36	18	20.12	20.22	20.23	21.30
		36	39	20.29	20.19	20.24	21.30
		75	0	20.25	20.27	20.23	21.30
	64QAM	1	0	20.01	20.29	19.87	21.30
		1	38	20.21	20.21	20.07	21.30
		1	74	20.30	20.23	20.11	21.30
		36	0	19.28	19.16	19.04	20.80
		36	18	19.16	19.31	19.04	20.80
		36	39	19.33	19.32	19.17	20.80
		75	0	19.36	19.04	19.19	20.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132072	132322	132572	
20MHz	QPSK	1	0	20.23	20.14	20.12	21.30
		1	50	20.26	20.23	20.11	21.30
		1	99	20.26	20.21	20.15	21.30
		50	0	20.28	20.15	20.20	21.30
		50	25	20.31	20.14	20.21	21.30
		50	50	20.33	20.29	20.26	21.30
		100	0	20.33	20.15	20.25	21.30
	16QAM	1	0	20.48	20.56	20.21	21.30
		1	50	20.60	20.33	20.25	21.30
		1	99	20.53	20.29	20.28	21.30
		50	0	20.26	20.19	20.18	21.30
		50	25	20.32	20.29	20.28	21.30
		50	50	20.28	20.29	20.30	21.30
		100	0	20.33	20.22	20.23	21.30
	64QAM	1	0	20.02	20.29	20.09	21.30
		1	50	20.27	20.38	20.16	21.30
		1	99	20.43	20.48	20.24	21.30
		50	0	19.23	19.28	19.26	20.80
		50	25	19.36	19.32	19.26	20.80
		50	50	19.36	19.29	19.27	20.80
		100	0	19.32	19.27	19.31	20.80

LTE Band 66 state10				**Conducted Power(dBm)**			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131979	132322	132665	
1.4MHz	QPSK	1	0	20.66	20.52	20.54	21.80

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		1	2	20.70	20.73	20.46	21.80
		1	5	20.72	20.75	20.76	21.80
		3	0	20.51	20.80	20.63	21.80
		3	1	20.77	20.80	20.79	21.80
		3	3	20.70	20.67	20.73	21.80
		6	0	20.58	20.79	20.69	21.80
	16QAM	1	0	20.59	20.63	20.56	21.80
		1	2	20.76	20.75	20.65	21.80
		1	5	20.75	20.68	20.79	21.80
		3	0	20.68	20.76	20.56	21.80
		3	1	20.71	20.77	20.68	21.80
		3	3	20.74	20.73	20.69	21.80
		6	0	20.68	20.72	20.79	21.80
	64QAM	1	0	20.46	20.55	20.58	21.80
		1	2	20.71	20.69	20.50	21.80
		1	5	20.75	20.72	20.62	21.80
		3	0	20.48	20.42	20.61	21.80
		3	1	20.80	20.78	20.38	21.80
		3	3	20.76	20.73	20.56	21.80
		6	0	19.79	19.67	19.68	20.80

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131987	132322	132657	
3MHz	QPSK	1	0	20.64	20.56	20.41	21.80
		1	7	20.73	20.76	20.60	21.80
		1	14	20.73	20.65	20.73	21.80
		8	0	20.57	20.74	20.68	21.80
		8	4	20.78	20.72	20.63	21.80
		8	7	20.70	20.63	20.75	21.80
		15	0	20.59	20.61	20.68	21.80
	16QAM	1	0	20.61	20.62	20.59	21.80
		1	7	20.62	20.78	20.75	21.80
		1	14	20.69	20.72	20.72	21.80
		8	0	20.74	20.75	20.56	21.80
		8	4	20.74	20.80	20.62	21.80
		8	7	20.71	20.77	20.67	21.80
		15	0	20.75	20.68	20.74	21.80
	64QAM	1	0	20.53	20.61	20.58	21.80
		1	7	20.72	20.77	20.56	21.80
		1	14	20.69	20.80	20.70	21.80
		8	0	19.63	19.61	19.57	20.80
		8	4	19.68	19.73	19.75	20.80

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		8	7	19.76	19.75	19.75	20.80
		15	0	19.75	19.70	19.79	20.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131997	132322	132647	
5MHz	QPSK	1	0	20.79	20.60	20.43	21.80
		1	13	20.66	20.77	20.53	21.80
		1	24	20.73	20.70	20.75	21.80
		12	0	20.65	20.71	20.64	21.80
		12	6	20.70	20.76	20.77	21.80
		12	13	20.64	20.67	20.80	21.80
		25	0	20.65	20.66	20.70	21.80
	16QAM	1	0	20.67	20.73	20.61	21.80
		1	13	20.66	20.80	20.72	21.80
		1	24	20.78	20.70	20.79	21.80
		12	0	20.66	20.78	20.71	21.80
		12	6	20.74	20.72	20.69	21.80
		12	13	20.71	20.72	20.68	21.80
		25	0	20.72	20.70	20.78	21.80
	64QAM	1	0	20.60	20.63	20.56	21.80
		1	13	20.79	20.68	20.58	21.80
		1	24	20.76	20.77	20.61	21.80
		12	0	19.61	19.68	19.45	20.80
		12	6	19.79	19.63	19.79	20.80
		12	13	19.59	19.62	19.77	20.80
		25	0	19.74	19.69	19.67	20.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132022	132322	132622	
10MHz	QPSK	1	0	20.71	20.52	20.40	21.80
		1	25	20.78	20.71	20.46	21.80
		1	49	20.79	20.74	20.69	21.80
		25	0	20.64	20.63	20.70	21.80
		25	13	20.69	20.73	20.65	21.80
		25	25	20.76	20.66	20.69	21.80
		50	0	20.66	20.63	20.74	21.80
	16QAM	1	0	20.64	20.58	20.64	21.80
		1	25	20.69	20.78	20.75	21.80
		1	49	20.78	20.66	20.75	21.80
		25	0	20.62	20.73	20.61	21.80
		25	13	20.75	20.65	20.67	21.80
		25	25	20.69	20.74	20.74	21.80
		50	0	20.79	20.67	20.62	21.80

	64QAM	1	0	20.48	20.70	20.61	21.80
		1	25	20.67	20.78	20.56	21.80
		1	49	20.78	20.73	20.61	21.80
		25	0	19.58	19.76	19.51	20.80
		25	13	19.77	19.78	19.61	20.80
		25	25	19.71	19.61	19.75	20.80
		50	0	19.74	19.62	19.75	20.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132047	132322	132597	
15MHz	QPSK	1	0	20.65	20.59	20.41	21.80
		1	38	20.60	20.72	20.48	21.80
		1	74	20.72	20.78	20.67	21.80
		36	0	20.61	20.62	20.74	21.80
		36	18	20.75	20.65	20.72	21.80
		36	39	20.75	20.54	20.77	21.80
		75	0	20.52	20.76	20.78	21.80
	16QAM	1	0	20.68	20.54	20.54	21.80
		1	38	20.64	20.74	20.78	21.80
		1	74	20.76	20.72	20.77	21.80
		36	0	20.77	20.73	20.62	21.80
		36	18	20.72	20.67	20.66	21.80
		36	39	20.77	20.72	20.75	21.80
		75	0	20.76	20.78	20.67	21.80
	64QAM	1	0	20.48	20.55	20.51	21.80
		1	38	20.74	20.73	20.55	21.80
		1	74	20.67	20.76	20.57	21.80
		36	0	19.71	19.63	19.57	20.80
		36	18	19.72	19.69	19.66	20.80
		36	39	19.48	19.79	19.72	20.80
		75	0	19.75	19.67	19.66	20.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132072	132322	132572	
20MHz	QPSK	1	0	20.69	20.56	20.47	21.80
		1	50	20.70	20.77	20.56	21.80
		1	99	20.75	20.69	20.75	21.80
		50	0	20.57	20.71	20.68	21.80
		50	25	20.79	20.70	20.71	21.80
		50	50	20.68	20.63	20.77	21.80
		100	0	20.58	20.70	20.72	21.80
	16QAM	1	0	20.60	20.63	20.63	21.80
		1	50	20.72	20.78	20.75	21.80

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		1	99	20.78	20.76	20.72	21.80
		50	0	20.68	20.77	20.65	21.80
		50	25	20.77	20.72	20.66	21.80
		50	50	20.73	20.79	20.76	21.80
		100	0	20.78	20.73	20.70	21.80
	64QAM	1	0	20.56	20.62	20.56	21.80
		1	50	20.77	20.71	20.55	21.80
		1	99	20.76	20.80	20.60	21.80
		50	0	19.67	19.68	19.54	20.80
		50	25	19.78	19.73	19.71	20.80
		50	50	19.66	19.69	19.72	20.80
		100	0	19.76	19.71	19.70	20.80

LTE Band 38 state3/5/8				**Conducted Power(dBm)**			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37775	38000	38225	
5MHz	QPSK	1	0	22.03	21.94	21.69	22.80
		1	13	21.89	21.81	21.59	22.80
		1	24	22.13	21.61	21.35	22.80
		12	0	21.16	21.07	21.04	21.80
		12	6	21.06	20.98	20.80	21.80
		12	13	21.15	21.05	21.02	21.80
		25	0	21.01	20.90	20.98	21.80
	16QAM	1	0	21.12	20.97	21.06	21.80
		1	13	20.72	21.05	20.49	21.80
		1	24	20.66	20.59	20.64	21.80
		12	0	20.29	20.11	20.05	20.80
		12	6	20.26	19.96	19.76	20.80
		12	13	19.91	19.62	19.95	20.80
		25	0	20.23	19.75	19.74	20.80
	64QAM	1	0	19.39	19.41	19.50	20.80
		1	13	19.51	19.24	19.50	20.80
		1	24	19.41	19.33	19.12	20.80
		12	0	18.62	18.52	18.58	19.80
		12	6	18.61	18.64	18.68	19.80
		12	13	18.42	18.34	18.34	19.80
		25	0	18.39	18.57	18.46	19.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37800	38000	38200	

10MHz	QPSK	1	0	22.09	21.78	21.59	22.80
		1	25	22.07	21.79	21.72	22.80
		1	49	22.17	21.50	21.41	22.80
		25	0	21.06	20.89	20.94	21.80
		25	13	21.27	20.87	20.94	21.80
		25	25	21.13	21.07	20.94	21.80
		50	0	21.25	21.09	20.83	21.80
	16QAM	1	0	21.21	20.91	20.98	21.80
		1	25	20.77	21.08	20.54	21.80
		1	49	20.90	20.83	20.85	21.80
		25	0	20.20	20.04	20.00	20.80
		25	13	20.00	19.98	19.98	20.80
		25	25	20.20	19.75	19.97	20.80
		50	0	20.21	19.88	20.04	20.80
	64QAM	1	0	19.42	19.60	19.44	20.80
		1	25	19.45	19.31	19.55	20.80
		1	49	19.41	19.28	19.17	20.80
		25	0	18.63	18.70	18.74	19.80
		25	13	18.62	18.59	18.63	19.80
		25	25	18.13	18.36	18.52	19.80
		50	0	18.52	18.40	18.41	19.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37825	38000	38175	
15MHz	QPSK	1	0	22.06	21.95	21.64	22.80
		1	38	22.06	21.69	21.72	22.80
		1	74	22.11	21.51	21.12	22.80
		36	0	21.24	21.14	20.85	21.80
		36	18	21.00	21.02	21.01	21.80
		36	39	21.18	21.03	20.96	21.80
		75	0	21.19	20.90	20.93	21.80
	16QAM	1	0	21.10	20.97	20.81	21.80
		1	38	20.81	20.96	20.54	21.80
		1	74	20.91	20.84	20.74	21.80
		36	0	20.28	19.99	19.93	20.80
		36	18	20.15	20.07	19.77	20.80
		36	39	19.99	19.67	20.00	20.80
		75	0	20.19	19.77	19.83	20.80
	64QAM	1	0	19.41	19.37	19.57	20.80
		1	38	19.36	19.54	19.55	20.80
		1	74	19.40	19.33	19.33	20.80
		36	0	18.47	18.56	18.54	19.80

		36	18	18.74	18.46	18.68	19.80
		36	39	18.38	18.36	18.45	19.80
		75	0	18.37	18.44	18.26	19.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37850	38000	38150	
20MHz	QPSK	1	0	22.01	21.82	21.72	22.80
		1	50	22.04	21.71	21.61	22.80
		1	99	22.02	21.64	21.27	22.80
		50	0	21.13	21.00	20.95	21.80
		50	25	21.15	20.98	20.91	21.80
		50	50	21.05	20.93	20.87	21.80
		100	0	21.11	20.95	20.94	21.80
	16QAM	1	0	21.11	21.05	20.94	21.80
		1	50	20.87	21.03	20.64	21.80
		1	99	20.81	20.70	20.70	21.80
		50	0	20.21	19.98	19.94	20.80
		50	25	20.14	19.94	19.91	20.80
		50	50	20.06	19.75	19.86	20.80
		100	0	20.12	19.80	19.89	20.80
	64QAM	1	0	19.52	19.50	19.46	20.80
		1	50	19.42	19.39	19.40	20.80
		1	99	19.49	19.35	19.25	20.80
		50	0	18.55	18.56	18.62	19.80
		50	25	18.65	18.54	18.67	19.80
		50	50	18.27	18.41	18.38	19.80
		100	0	18.39	18.48	18.35	19.80

LTE Band 38 state10				**Conducted Power(dBm)**			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37775	38000	38225	
5MHz	QPSK	1	0	21.68	21.76	21.26	22.30
		1	13	21.65	21.40	21.24	22.30
		1	24	21.25	21.37	21.30	22.30
		12	0	21.17	20.93	20.81	21.80
		12	6	21.07	20.86	20.83	21.80
		12	13	21.02	20.93	20.80	21.80
		25	0	21.00	20.83	20.97	21.80
	16QAM	1	0	21.00	21.03	20.89	21.80
		1	13	21.01	21.26	20.86	21.80

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		1	24	20.85	20.81	20.27	21.80
		12	0	20.35	20.00	19.96	20.80
		12	6	20.25	20.07	19.94	20.80
		12	13	20.11	19.91	19.99	20.80
		25	0	20.25	19.89	19.70	20.80
	64QAM	1	0	19.60	19.47	19.74	20.80
		1	13	19.34	19.48	19.47	20.80
		1	24	19.20	19.38	19.33	20.80
		12	0	18.67	18.39	18.28	19.80
		12	6	18.49	18.60	18.54	19.80
		12	13	18.51	18.42	18.43	19.80
		25	0	18.27	18.64	18.50	19.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37800	38000	38200	
10MHz	QPSK	1	0	21.57	21.75	21.53	22.30
		1	25	21.71	21.49	21.27	22.30
		1	49	21.40	21.26	21.20	22.30
		25	0	21.19	20.90	20.97	21.80
		25	13	21.21	21.07	21.02	21.80
		25	25	21.00	21.05	20.84	21.80
		50	0	21.21	21.08	20.93	21.80
	16QAM	1	0	21.15	20.85	20.90	21.80
		1	25	20.73	21.33	20.83	21.80
		1	49	20.76	20.83	20.46	21.80
		25	0	20.31	19.92	19.82	20.80
		25	13	20.28	19.83	19.87	20.80
		25	25	20.22	19.75	19.93	20.80
		50	0	19.99	20.07	19.92	20.80
	64QAM	1	0	19.64	19.48	19.72	20.80
		1	25	19.31	19.39	19.42	20.80
		1	49	19.37	19.16	19.19	20.80
		25	0	18.77	18.52	18.30	19.80
		25	13	18.65	18.66	18.72	19.80
		25	25	18.40	18.34	18.30	19.80
		50	0	18.36	18.65	18.24	19.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37825	38000	38175	
15MHz	QPSK	1	0	21.76	21.70	21.54	22.30
		1	38	21.78	21.56	21.23	22.30
		1	74	21.47	21.46	21.12	22.30
		36	0	21.30	21.12	20.88	21.80

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		36	18	21.11	21.04	20.97	21.80
		36	39	21.08	20.88	21.00	21.80
		75	0	21.15	20.91	20.94	21.80
	16QAM	1	0	21.07	20.80	20.90	21.80
		1	38	20.93	21.26	20.62	21.80
		1	74	20.91	20.91	20.27	21.80
		36	0	20.32	20.13	19.86	20.80
		36	18	20.24	19.86	19.89	20.80
		36	39	20.21	19.88	19.87	20.80
		75	0	20.28	19.94	19.98	20.80
	64QAM	1	0	19.47	19.65	19.56	20.80
		1	38	19.57	19.49	19.59	20.80
		1	74	19.24	19.14	19.23	20.80
		36	0	18.56	18.40	18.38	19.80
		36	18	18.49	18.51	18.72	19.80
		36	39	18.40	18.49	18.42	19.80
		75	0	18.35	18.62	18.48	19.80

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37850	38000	38150	
20MHz	QPSK	1	0	21.71	21.61	21.41	22.30
		1	50	21.77	21.54	21.37	22.30
		1	99	21.32	21.37	21.23	22.30
		50	0	21.17	21.00	20.91	21.80
		50	25	21.13	21.00	20.89	21.80
		50	50	21.06	20.92	20.87	21.80
		100	0	21.10	20.96	20.91	21.80
	16QAM	1	0	21.13	20.93	20.94	21.80
		1	50	20.87	21.24	20.72	21.80
		1	99	20.90	20.91	20.38	21.80
		50	0	20.22	20.00	19.93	20.80
		50	25	20.15	19.92	19.88	20.80
		50	50	20.13	19.90	19.85	20.80
		100	0	20.13	19.95	19.85	20.80
	64QAM	1	0	19.53	19.56	19.69	20.80
		1	50	19.42	19.42	19.53	20.80
		1	99	19.31	19.23	19.30	20.80
		50	0	18.62	18.47	18.39	19.80
		50	25	18.64	18.52	18.67	19.80
		50	50	18.43	18.41	18.44	19.80
		100	0	18.42	18.51	18.37	19.80

[illegible]

LTE Band 41 2496 - 2690 PC2 state3/5/8/10				Conducted Power(dBm)					
Bandwidth	Modulation	RB size	RB offset	Channel 39675	Channel 40148	Channel 40620	Channel 41093	Channel 41565	Tune up
5MHz	QPSK	1	0	23.09	23.1	22.97	22.8	22.4	23.80
		1	13	22.98	23.06	22.82	22.76	22.37	23.80
		1	24	22.95	22.69	22.83	22.72	22.16	23.80
		12	0	22.14	22.25	21.99	21.81	21.27	22.80
		12	6	22.1	22.3	22.09	21.73	21.25	22.80
		12	13	22.03	22.3	22.02	21.61	21.26	22.80
		25	0	22.13	22.17	21.91	21.65	21.15	22.80
	16QAM	1	0	22.45	22.54	22.12	22.24	21.7	22.80
		1	13	22.26	22.32	22.09	21.79	21.49	22.80
		1	24	22.24	22.11	21.96	21.87	21.27	22.80
		12	0	21.03	21.27	20.93	20.63	20.37	21.80
		12	6	21.15	21.2	20.94	20.78	20.29	21.80
		12	13	20.92	21.19	21.05	20.83	20.26	21.80
		25	0	21.2	21.29	20.9	20.65	20.27	21.80
	64QAM	1	0	21.02	21.03	21.06	21.00	20.93	21.80
		1	13	21.20	21.12	21.20	21.11	21.08	21.80
		1	24	21.02	20.82	20.97	20.99	20.98	21.80
		12	0	19.89	19.91	19.85	19.95	19.76	20.80
		12	6	20.14	19.93	19.93	19.96	20.08	20.80
		12	13	19.95	19.93	20.02	19.98	20.12	20.80
		25	0	20.15	19.87	19.97	19.91	19.83	20.80
Bandwidth	Modulation	RB size	RB offset	Channel 39700	Channel 40160	Channel 40620	Channel 41080	Channel 41540	Tune up
10MHz	QPSK	1	0	23.14	23.1	22.92	22.87	22.41	23.80
		1	25	22.87	23.08	22.83	22.72	22.25	23.80
		1	49	22.95	22.79	22.86	22.66	22.18	23.80
		25	0	22.11	22.32	21.92	21.72	21.24	22.80
		25	13	22.17	22.3	21.91	21.67	21.3	22.80
		25	25	21.98	22.14	21.94	21.62	21.2	22.80
		50	0	22.14	22.08	22	21.53	21.24	22.80
	16QAM	1	0	22.47	22.56	22.15	22.31	21.58	22.80
		1	25	22.3	22.32	22.15	21.86	21.42	22.80
		1	49	22.25	22.06	21.96	21.89	21.31	22.80
		25	0	21	21.34	21.01	20.82	20.36	21.80
		25	13	21.08	21.31	20.91	20.68	20.24	21.80
		25	25	20.99	21.24	21.01	20.85	20.2	21.80
		50	0	21.05	21.24	21.07	20.6	20.24	21.80

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	64QAM	1	0	21.02	21.10	21.08	20.94	21.10	21.80
		1	25	21.10	21.25	21.14	21.11	21.23	21.80
		1	49	20.90	20.93	20.95	21.18	20.94	21.80
		25	0	19.85	19.95	19.91	20.02	19.90	20.80
		25	13	20.03	19.96	20.11	19.97	19.97	20.80
		25	25	19.85	20.03	19.94	19.91	20.01	20.80
		50	0	19.99	19.80	19.88	20.04	19.90	20.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39725	40173	40620	41068	41515	
15MHz	QPSK	1	0	23.15	22.99	23.08	22.89	22.34	23.80
		1	38	22.94	23.11	22.82	22.73	22.21	23.80
		1	74	23.05	22.69	22.84	22.65	22.19	23.80
		36	0	21.97	22.3	22.03	21.66	21.24	22.80
		36	18	22.01	22.21	21.96	21.75	21.34	22.80
		36	39	22.02	22.23	22.01	21.74	21.3	22.80
		75	0	22.08	22.17	22	21.56	21.23	22.80
	16QAM	1	0	22.49	22.4	22.18	22.21	21.52	22.80
		1	38	22.17	22.45	22.04	21.77	21.52	22.80
		1	74	22.2	22.09	21.99	21.94	21.31	22.80
		36	0	21	21.23	21.02	20.74	20.35	21.80
		36	18	21.12	21.39	21	20.85	20.19	21.80
		36	39	21.02	21.27	20.97	20.76	20.27	21.80
		75	0	21.16	21.2	20.96	20.7	20.34	21.80
	64QAM	1	0	20.96	21.17	21.10	21.05	20.94	21.80
		1	38	21.02	21.14	21.26	21.22	21.12	21.80
		1	74	20.94	20.81	21.08	21.13	20.90	21.80
		36	0	19.82	19.99	19.86	19.92	19.93	20.80
		36	18	20.10	19.95	20.05	19.95	20.12	20.80
		36	39	19.96	19.92	20.07	20.02	20.02	20.80
		75	0	20.05	19.86	19.97	19.87	19.80	20.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39750	40185	40620	41055	41490	
20MHz	QPSK	1	0	23.05	23.07	23.01	22.83	22.43	23.80
		1	50	22.97	23.05	22.84	22.67	22.31	23.80
		1	99	22.96	22.79	22.78	22.66	22.22	23.80
		50	0	22.05	22.22	21.99	21.74	21.3	22.80
		50	25	22.09	22.21	22	21.7	21.24	22.80
		50	50	22.05	22.21	21.95	21.67	21.25	22.80
		100	0	22.1	22.17	21.95	21.61	21.23	22.80
	16QAM	1	0	22.47	22.48	22.21	22.31	21.61	22.80
		1	50	22.26	22.42	22.11	21.87	21.43	22.80

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		1	99	22.25	22.15	21.92	21.9	21.32	22.80
		50	0	21.08	21.26	21	20.72	20.36	21.80
		50	25	21.15	21.3	21.01	20.75	20.22	21.80
		50	50	21.02	21.2	20.99	20.76	20.23	21.80
		100	0	21.11	21.24	20.97	20.65	20.24	21.80
	64QAM	1	0	21.01	21.13	21.05	20.95	21.00	21.80
		1	50	21.11	21.19	21.21	21.14	21.14	21.80
		1	99	21.00	20.91	21.01	21.09	20.97	21.80
		50	0	19.87	19.92	19.92	20.01	19.84	20.80
		50	25	20.12	19.97	20.03	20.05	20.07	20.80
		50	50	19.94	19.96	19.99	20.01	20.06	20.80
		100	0	20.06	19.88	19.96	19.95	19.90	20.80

LTE Band 41 2496 - 2690 PC3 state3/5/8/10				**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	21.89	21.75	21.62	21.52	21.3	22.80
		1	13	21.48	21.34	21.61	21.4	21.28	22.80
		1	24	21.74	21.47	21.47	21.39	21.35	22.80
		12	0	20.79	20.54	20.61	20.36	20.41	21.80
		12	6	20.68	20.75	20.53	20.58	20.93	21.80
		12	13	20.74	20.72	20.7	20.65	20.26	21.80
		25	0	20.83	20.77	20.52	20.6	20.75	21.80
	16QAM	1	0	21.02	20.92	20.87	20.87	20.26	21.80
		1	13	20.71	20.58	20.48	20.53	20.24	21.80
		1	24	20.58	20.36	20.4	20.47	20.28	21.80
		12	0	19.61	19.64	19.58	19.72	19.29	20.80
		12	6	19.89	19.26	19.38	19.55	19.17	20.80
		12	13	19.74	19.55	19.62	19.43	19.15	20.80
		25	0	19.9	19.66	19.52	19.53	19.23	20.80
	64QAM	1	0	20.65	20.68	20.52	20.64	20.05	20.80
		1	13	20.70	20.24	20.35	20.54	19.98	20.80
		1	24	20.51	20.51	20.41	20.35	20.13	20.80
		12	0	19.74	19.63	19.67	19.61	19.18	19.80
		12	6	19.72	19.67	19.73	19.73	19.10	19.80
		12	13	19.55	19.47	19.61	19.43	18.92	19.80
		25	0	19.73	19.54	19.62	19.79	19.06	19.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39700	40160	40620	41080	41540	

10MHz	QPSK	1	0	21.69	21.56	21.63	21.75	21.28	22.80
		1	25	21.68	21.43	21.5	21.47	21.23	22.80
		1	49	21.7	21.19	21.29	21.45	21.58	22.80
		25	0	20.84	20.47	20.53	20.42	20.38	21.80
		25	13	20.87	20.61	20.73	20.54	20.77	21.80
		25	25	20.82	20.63	20.59	20.45	20.32	21.80
		50	0	20.92	20.76	20.67	20.67	20.87	21.80
	16QAM	1	0	21.01	20.85	20.77	20.79	20.24	21.80
		1	25	20.64	20.7	20.53	20.56	20.47	21.80
		1	49	20.76	20.38	20.5	20.41	20.14	21.80
		25	0	19.79	19.53	19.75	19.53	19.19	20.80
		25	13	19.73	19.29	19.36	19.32	19.25	20.80
		25	25	19.47	19.39	19.7	19.68	19.39	20.80
		50	0	19.92	19.85	19.51	19.41	19.18	20.80
	64QAM	1	0	20.63	20.78	20.76	20.70	20.08	20.80
		1	25	20.71	20.14	20.41	20.44	20.13	20.80
		1	49	20.59	20.35	20.43	20.28	20.16	20.80
		25	0	19.64	19.65	19.55	19.65	19.13	19.80
		25	13	19.66	19.72	19.76	19.59	19.12	19.80
		25	25	19.53	19.66	19.46	19.42	19.05	19.80
		50	0	19.65	19.42	19.55	19.58	18.91	19.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39725	40173	40620	41068	41515	
15MHz	QPSK	1	0	21.79	21.65	21.71	21.66	21.37	22.80
		1	38	21.74	21.3	21.47	21.54	21.36	22.80
		1	74	21.66	21.3	21.33	21.33	21.55	22.80
		36	0	20.86	20.49	20.34	20.44	20.26	21.80
		36	18	20.82	20.58	20.53	20.53	20.66	21.80
		36	39	20.78	20.44	20.59	20.46	20.3	21.80
		75	0	20.79	20.61	20.49	20.83	20.66	21.80
	16QAM	1	0	20.78	20.87	20.79	20.95	20.24	21.80
		1	38	20.59	20.51	20.5	20.54	20.23	21.80
		1	74	20.49	20.46	20.32	20.48	20.34	21.80
		36	0	19.87	19.64	19.58	19.52	19.29	20.80
		36	18	19.95	19.5	19.45	19.44	19.24	20.80
		36	39	19.62	19.58	19.7	19.41	19.35	20.80
		75	0	19.67	19.77	19.5	19.45	19.1	20.80
	64QAM	1	0	20.76	20.67	20.53	20.72	20.19	20.80
		1	38	20.62	20.15	20.41	20.55	19.94	20.80
		1	74	20.75	20.57	20.54	20.57	19.91	20.80
		36	0	19.61	19.42	19.67	19.75	19.05	19.80

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		36	18	19.64	19.62	19.66	19.68	19.10	19.80
		36	39	19.75	19.45	19.63	19.42	18.96	19.80
		75	0	19.67	19.70	19.52	19.70	19.06	19.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39750	40185	40620	41055	41490	
20MHz	QPSK	1	0	21.75	21.71	21.73	21.62	21.37	22.80
		1	50	21.61	21.44	21.47	21.44	21.22	22.80
		1	99	21.59	21.34	21.4	21.43	21.35	22.80
		50	0	20.74	20.52	20.47	20.42	20.3	21.80
		50	25	20.77	20.62	20.64	20.61	20.79	21.80
		50	50	20.79	20.59	20.63	20.59	20.22	21.80
		100	0	20.85	20.62	20.63	20.68	20.77	21.80
	16QAM	1	0	20.87	20.86	20.76	20.84	20.35	21.80
		1	50	20.72	20.58	20.54	20.44	20.33	21.80
		1	99	20.64	20.5	20.46	20.43	20.2	21.80
		50	0	19.74	19.66	19.6	19.63	19.29	20.80
		50	25	19.87	19.4	19.48	19.41	19.23	20.80
		50	50	19.62	19.52	19.6	19.53	19.25	20.80
		100	0	19.81	19.71	19.61	19.55	19.22	20.80
	64QAM	1	0	20.71	20.67	20.66	20.75	20.17	20.80
		1	50	20.68	20.29	20.35	20.41	20.05	20.80
		1	99	20.64	20.42	20.41	20.43	20.02	20.80
		50	0	19.79	19.52	19.62	19.72	19.13	19.80
		50	25	19.78	19.78	19.68	19.66	19.06	19.80
		50	50	19.64	19.54	19.55	19.45	19.07	19.80
		100	0	19.78	19.55	19.61	19.66	19.04	19.80

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6 Conducted Power of Intra Band LTE Uplink CA

6.1 Conducted Power of LTE Uplink CA (Ant3)

Combination	Modulation	PCC					SCC					State3		State5		State8		State10	
		Band	BW (MHz)	UL Channel	UL# RB	UL RB Offset	Band	BW (MHz)	UL Channel	UL# RB	UL RB Offset	Power	Tune-up(dBm)	Power	Tune-up(dBm)	Power	Tune-up(dBm)	Power	Tune-up(dBm)
CA_7C	QPSK	7	20	20850	1	99	7	20	21048	1	0	19.43	20.50	16.44	17.50	17.41	18.50	15.42	16.50
CA_7C	QPSK	7	20	21100	1	99	7	20	21298	1	0	19.54	20.50	16.69	17.50	17.56	18.50	15.50	16.50
CA_7C	QPSK	7	20	21100	1	0	7	20	20902	1	99	19.39	20.50	16.54	17.50	17.37	18.50	15.39	16.50
CA_7C	QPSK	7	20	21350	1	0	7	20	21152	1	99	19.26	20.50	16.29	17.50	17.23	18.50	15.26	16.50

Combination	Modulation	PCC					SCC					State3		State5		State8		State10	
		Band	BW (MHz)	UL Channel	UL# RB	UL RB Offset	Band	BW (MHz)	UL Channel	UL# RB	UL RB Offset	Power	Tune-up(dBm)	Power	Tune-up(dBm)	Power	Tune-up(dBm)	Power	Tune-up(dBm)
CA_38C	QPSK	38	20	37850	1	0	38	20	38048	0	0	22.33	23.00	18.90	19.50	20.82	21.50	17.85	18.50
CA_38C	QPSK	38	20	37901	1	0	38	20	38099	0	0	22.42	23.00	18.93	19.50	20.92	21.50	17.94	18.50
CA_38C	QPSK	38	20	38099	1	0	38	20	37901	0	0	22.46	23.00	18.87	19.50	20.91	21.50	17.97	18.50
CA_38C	QPSK	38	20	38150	1	0	38	20	37952	0	0	22.44	23.00	18.92	19.50	20.85	21.50	17.98	18.50

Combination	Modulation	PCC					SCC					State3		State5		State8		State10	
		Band	BW (MHz)	UL Channel	UL# RB	UL RB Offset	Band	BW (MHz)	UL Channel	UL# RB	UL RB Offset	Power	Tune-up(dBm)	Power	Tune-up(dBm)	Power	Tune-up(dBm)	Power	Tune-up(dBm)
CA_41C	QPSK	41	20	39750	1	0	41	20	39948	0	0	23.32	24.50	18.30	19.50	21.33	22.50	17.28	18.50
CA_41C	QPSK	41	20	40185	1	0	41	20	40383	0	0	23.38	24.50	18.36	19.50	21.42	22.50	17.40	18.50
CA_41C	QPSK	41	20	40620	1	0	41	20	40818	0	0	23.42	24.50	18.39	19.50	21.46	22.50	17.39	18.50
CA_41C	QPSK	41	20	40620	1	0	41	20	40422	0	0	23.46	24.50	18.47	19.50	21.50	22.50	17.51	18.50
CA_41C	QPSK	41	20	41055	1	0	41	20	40857	0	0	23.35	24.50	18.36	19.50	21.32	22.50	17.39	18.50
CA_41C	QPSK	41	20	41490	1	0	41	20	41292	0	0	23.38	24.50	18.33	19.50	21.36	22.50	17.39	18.50

Combination	Modulation	PCC					SCC					State3		State5		State8		State10	
		Band	BW (MHz)	UL Channel	UL# RB	UL RB Offset	Band	BW (MHz)	UL Channel	UL# RB	UL RB Offset	Power	Tune-up(dBm)	Power	Tune-up(dBm)	Power	Tune-up(dBm)	Power	Tune-up(dBm)
CA_66C	QPSK	66	20	132072	1	99	66	20	132270	1	0	21.59	22.50	18.16	19.00	19.52	20.50	16.91	18.00
CA_66C	QPSK	66	20	132322	1	99	66	20	132520	1	0	21.57	22.50	18.36	19.00	19.64	20.50	17.04	18.00
CA_66C	QPSK	66	20	132322	1	0	66	20	132124	1	99	21.49	22.50	18.11	19.00	19.46	20.50	16.95	18.00
CA_66C	QPSK	66	20	132572	1	0	66	20	132374	1	99	21.46	22.50	18.01	19.00	19.43	20.50	16.95	18.00

6.2 Conducted Power of LTE Uplink CA (Ant4)

Combination	Modulation	PCC					SCC					State3		State5/10		State8	
		Band	BW (MHz)	UL Channel	UL# RB	UL RB Offset	Band	BW (MHz)	UL Channel	UL# RB	UL RB Offset	Power	Tune-up(dBm)	Power	Tune-up(dBm)	Power	Tune-up(dBm)
CA_7C	QPSK	7	20	20850	1	99	7	20	21048	1	0	22.17	23.00	24.43	25.00	20.14	21.00
CA_7C	QPSK	7	20	21100	1	99	7	20	21298	1	0	22.12	23.00	24.48	25.00	20.16	21.00
CA_7C	QPSK	7	20	21100	1	0	7	20	20902	1	99	22.29	23.00	24.53	25.00	20.32	21.00
CA_7C	QPSK	7	20	21350	1	0	7	20	21152	1	99	22.16	23.00	24.49	25.00	20.16	21.00

Combination	Modulation	PCC					SCC					State3/5/10		State8	
		Band	BW (MHz)	UL Channel	UL# RB	UL RB Offset	Band	BW (MHz)	UL Channel	UL# RB	UL RB Offset	Power	Tune-up(dBm)	Power	Tune-up(dBm)
CA_38C	QPSK	38	20	37850	1	0	38	20	38048	0	0	24.41	25.00	23.11	23.50
CA_38C	QPSK	38	20	37901	1	0	38	20	38099	0	0	24.46	25.00	23.12	23.50
CA_38C	QPSK	38	20	38099	1	0	38	20	37901	0	0	24.43	25.00	23.13	23.50
CA_38C	QPSK	38	20	38150	1	0	38	20	37952	0	0	24.52	25.00	23.11	23.50

Combination	Modulation	PCC					SCC					State3/5/8/10	
		Band	BW (MHz)	UL Channel	UL# RB	UL RB Offset	Band	BW (MHz)	UL Channel	UL# RB	UL RB Offset	Power	Tune-up(dBm)
CA_41C	QPSK	41	20	39750	1	0	41	20	39948	0	0	24.21	25.00
CA_41C	QPSK	41	20	40185	1	0	41	20	40383	0	0	24.23	25.00
CA_41C	QPSK	41	20	40620	1	0	41	20	40818	0	0	24.38	25.00
CA_41C	QPSK	41	20	40620	1	0	41	20	40422	0	0	24.46	25.00
CA_41C	QPSK	41	20	41055	1	0	41	20	40857	0	0	24.15	25.00
CA_41C	QPSK	41	20	41490	1	0	41	20	41292	0	0	24.09	25.00

Combination	Modulation	PCC					SCC					State3		State5/10		State8	
		Band	BW (MHz)	UL Channel	UL# RB	UL RB Offset	Band	BW (MHz)	UL Channel	UL# RB	UL RB Offset	Power	Tune-up(dBm)	Power	Tune-up(dBm)	Power	Tune-up(dBm)
CA_66C	QPSK	66	20	132072	1	99	66	20	132270	1	0	21.38	22.50	23.85	25.00	19.43	20.50
CA_66C	QPSK	66	20	132322	1	99	66	20	132520	1	0	21.52	22.50	23.94	25.00	19.47	20.50
CA_66C	QPSK	66	20	132322	1	0	66	20	132124	1	99	21.38	22.50	23.84	25.00	19.42	20.50
CA_66C	QPSK	66	20	132572	1	0	66	20	132374	1	99	21.41	22.50	23.97	25.00	19.36	20.50

6.3 Conducted Power of LTE Uplink CA (Ant5)

Combination	Modulation	PCC					SCC					State3		State5		State8		State10	
		Band	BW (MHz)	UL Channel	UL# RB	UL RB Offset	Band	BW (MHz)	UL Channel	UL# RB	UL RB Offset	Power	Tune-up(dBm)	Power	Tune-up(dBm)	Power	Tune-up(dBm)	Power	Tune-up(dBm)
CA_7C	QPSK	7	20	20850	1	99	7	20	21048	1	0	22.12	23.30	20.15	21.30	21.69	22.80	19.16	20.30
CA_7C	QPSK	7	20	21100	1	99	7	20	21298	1	0	22.23	23.30	20.21	21.30	21.75	22.80	19.27	20.30
CA_7C	QPSK	7	20	21100	1	0	7	20	20902	1	99	22.18	23.30	20.19	21.30	21.73	22.80	19.18	20.30
CA_7C	QPSK	7	20	21350	1	0	7	20	21152	1	99	22.21	23.30	20.19	21.30	21.71	22.80	19.23	20.30

Combination	Modulation	PCC					SCC					State3/5/10		State10	
		Band	BW (MHz)	UL Channel	UL# RB	UL RB Offset	Band	BW (MHz)	UL Channel	UL# RB	UL RB Offset	Power	Tune-up(dBm)	Power	Tune-up(dBm)
CA_38C	QPSK	38	20	37850	1	0	38	20	38048	0	0	21.95	22.80	21.49	22.30
CA_38C	QPSK	38	20	37901	1	0	38	20	38099	0	0	21.98	22.80	21.48	22.30
CA_38C	QPSK	38	20	38099	1	0	38	20	37901	0	0	22.03	22.80	21.51	22.30
CA_38C	QPSK	38	20	38150	1	0	38	20	37952	0	0	21.96	22.80	21.46	22.30

Combination	Modulation	PCC					SCC					State3/5/8/10	
		Band	BW (MHz)	UL Channel	UL# RB	UL RB Offset	Band	BW (MHz)	UL Channel	UL# RB	UL RB Offset	Power	Tune-up(dBm)
CA_41C	QPSK	41	20	39750	1	0	41	20	39948	0	0	21.86	22.80
CA_41C	QPSK	41	20	40185	1	0	41	20	40383	0	0	21.95	22.80
CA_41C	QPSK	41	20	40620	1	0	41	20	40818	0	0	21.89	22.80
CA_41C	QPSK	41	20	40620	1	0	41	20	40422	0	0	21.92	22.80
CA_41C	QPSK	41	20	41055	1	0	41	20	40857	0	0	21.93	22.80
CA_41C	QPSK	41	20	41490	1	0	41	20	41292	0	0	21.90	22.80

Combination	Modulation	PCC					SCC					State3		State5		State8		State10	
		Band	BW (MHz)	UL Channel	UL# RB	UL RB Offset	Band	BW (MHz)	UL Channel	UL# RB	UL RB Offset	Power	Tune-up(dBm)	Power	Tune-up(dBm)	Power	Tune-up(dBm)	Power	Tune-up(dBm)
CA_66C	QPSK	66	20	132072	1	99	66	20	132270	1	0	22.35	23.30	21.86	22.80	20.13	21.30	20.63	21.80
CA_66C	QPSK	66	20	132322	1	99	66	20	132520	1	0	22.22	23.30	21.69	22.80	20.05	21.30	20.49	21.80
CA_66C	QPSK	66	20	132322	1	0	66	20	132124	1	99	22.19	23.30	21.66	22.80	19.93	21.30	20.51	21.80
CA_66C	QPSK	66	20	132572	1	0	66	20	132374	1	99	22.26	23.30	21.74	22.80	20.04	21.30	20.50	21.80

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7 Conducted Power of LTE Downlink CA

7.1 Conducted Power of LTE Downlink CA (Ant0)

DL LTE CA Class	PCC							SCC1		SCC2		SCC3		Power		
	LTE Band	BW (MHz)	UL Freq. (MHz)	UL Channel	Mod.	UL# RB	UL RB Offset	LTE Band	BW (MHz)	LTE Band	BW (MHz)	LTE Band	BW (MHz)	With CA Tx.Power (dBm)	W/O CA Tx.Power (dBm)	Tune Up
CA_5A-5A	Band 5	10M	829	20450	QPSK	1	0	Band 5	5M	/	/	/	/	22.97	23.05	24.00
	Band 5	10M	836.5	20525	QPSK	1	0	Band 5	5M	/	/	/	/	23.03	23.12	24.00
	Band 5	10M	844	20600	QPSK	1	0	Band 5	5M	/	/	/	/	23.21	23.11	24.00
CA_5B	Band 5	10M	829	20450	QPSK	1	0	Band 5	10M	/	/	/	/	22.99	23.01	24.00
	Band 5	10M	836.5	20525	QPSK	1	0	Band 5	10M	/	/	/	/	23.30	23.21	24.00
	Band 5	10M	844	20600	QPSK	1	0	Band 5	10M	/	/	/	/	23.05	23.06	24.00

7.2 Conducted Power of LTE Downlink CA (Ant1)

DL LTE CA Class	PCC							SCC1		SCC2		SCC3		Power		
	LTE Band	BW (MHz)	UL Freq. (MHz)	UL Channel	Mod.	UL# RB	UL RB Offset	LTE Band	BW (MHz)	LTE Band	BW (MHz)	LTE Band	BW (MHz)	With CA Tx.Power (dBm)	W/O CA Tx.Power (dBm)	Tune Up
CA_5A-5A	Band 5	10M	829	20450	QPSK	1	0	Band 5	5M	/	/	/	/	23.07	23.04	25.00
	Band 5	10M	836.5	20525	QPSK	1	0	Band 5	5M	/	/	/	/	23.16	23.14	25.00
	Band 5	10M	844	20600	QPSK	1	0	Band 5	5M	/	/	/	/	23.10	23.03	25.00
CA_5B	Band 5	10M	829	20450	QPSK	1	0	Band 5	10M	/	/	/	/	22.98	22.98	25.00
	Band 5	10M	836.5	20525	QPSK	1	0	Band 5	10M	/	/	/	/	23.12	23.13	25.00
	Band 5	10M	844	20600	QPSK	1	0	Band 5	10M	/	/	/	/	23.03	23.08	25.00

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7.3 Conducted Power of LTE Downlink CA (Ant3)

DL LTE CA Class	PCC							SCC1		SCC2		SCC3		Power DSI		
	LTE Band	BW (MHz)	UL Freq. (MHz)	UL Channel	Mod.	UL# RB	UL RB Offset	LTE Band	BW (MHz)	LTE Band	BW (MHz)	LTE Band	BW (MHz)	With CA Tx.Power (dBm)	W/O CA Tx.Power (dBm)	Tune Up
CA_2A-2A	Band 2	20M	1860	18700	QPSK	1	0	Band 2	5M	/	/	/	/	23.01	23.06	24.00
	Band 2	20M	1880	18900	QPSK	1	0	Band 2	5M	/	/	/	/	23.23	23.15	24.00
	Band 2	20M	1900	19100	QPSK	1	0	Band 2	5M	/	/	/	/	23.10	23.06	24.00
CA_2A-4A	Band 2	20M	1860	18700	QPSK	1	0	Band 4	20M	/	/	/	/	23.01	23.06	24.00
	Band 2	20M	1880	18900	QPSK	1	0	Band 4	20M	/	/	/	/	23.05	23.07	24.00
	Band 2	20M	1900	19100	QPSK	1	0	Band 4	20M	/	/	/	/	23.16	23.01	24.00
	Band 4	20M	1720	20050	QPSK	1	0	Band 2	20M	/	/	/	/	24.12	24.14	25.00
	Band 4	20M	1732.5	20175	QPSK	1	0	Band 2	20M	/	/	/	/	24.17	24.19	25.00
	Band 4	20M	1745	20300	QPSK	1	0	Band 2	20M	/	/	/	/	24.08	24.02	25.00
CA_2A-7A	Band 2	20M	1860	18700	QPSK	1	0	Band 7	20M	/	/	/	/	23.14	23.09	24.00
	Band 2	20M	1880	18900	QPSK	1	0	Band 7	20M	/	/	/	/	23.19	23.19	24.00
	Band 2	20M	1900	19100	QPSK	1	0	Band 7	20M	/	/	/	/	23.05	23.07	24.00
	Band 7	20M	2510	20850	QPSK	1	0	Band 2	20M	/	/	/	/	24.05	24.07	25.00
	Band 7	20M	2535	21100	QPSK	1	0	Band 2	20M	/	/	/	/	24.14	24.22	25.00
	Band 7	20M	2560	21350	QPSK	1	0	Band 2	20M	/	/	/	/	24.03	24.10	25.00
CA_2A-66A	Band 2	20M	1860	18700	QPSK	1	0	Band 66	20M	/	/	/	/	23.01	23.03	24.00
	Band 2	20M	1880	18900	QPSK	1	0	Band 66	20M	/	/	/	/	23.14	23.09	24.00
	Band 2	20M	1900	19100	QPSK	1	0	Band 66	20M	/	/	/	/	23.06	23.02	24.00
	Band 66	20M	1720	132072	QPSK	1	0	Band 2	20M	/	/	/	/	24.13	24.11	25.00
	Band 66	20M	1745	132322	QPSK	1	0	Band 2	20M	/	/	/	/	24.21	24.20	25.00
	Band 66	20M	1770	132572	QPSK	1	0	Band 2	20M	/	/	/	/	24.11	24.11	25.00
CA_2A-38A	Band 2	20M	1860	18700	QPSK	1	0	Band 38	20M	/	/	/	/	22.96	23.04	24.00
	Band 2	20M	1880	18900	QPSK	1	0	Band 38	20M	/	/	/	/	23.25	23.21	24.00
	Band 2	20M	1900	19100	QPSK	1	0	Band 38	20M	/	/	/	/	23.00	23.15	24.00
	Band 38	20M	2580	37850	QPSK	1	0	Band 2	20M	/	/	/	/	24.00	24.04	25.00
	Band 38	20M	2595	38000	QPSK	1	0	Band 2	20M	/	/	/	/	24.11	24.19	25.00
	Band 38	20M	2610	38150	QPSK	1	0	Band 2	20M	/	/	/	/	24.08	24.08	25.00
CA_4A-4A	Band 4	20M	1720	20050	QPSK	1	0	Band 4	5M	/	/	/	/	24.13	24.06	25.00

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	Band 4	20M	1732.5	20175	QPSK	1	0	Band 4	5M	/	/	/	/	24.10	24.17	25.00
	Band 4	20M	1745	20300	QPSK	1	0	Band 4	5M	/	/	/	/	24.14	24.06	25.00
CA_4A-7A	Band 4	20M	1720	20050	QPSK	1	0	Band 7	20M	/	/	/	/	23.97	24.04	25.00
	Band 4	20M	1732.5	20175	QPSK	1	0	Band 7	20M	/	/	/	/	24.12	24.15	25.00
	Band 4	20M	1745	20300	QPSK	1	0	Band 7	20M	/	/	/	/	24.06	24.07	25.00
	Band 7	20M	2510	20850	QPSK	1	0	Band 4	20M	/	/	/	/	24.07	24.11	25.00
	Band 7	20M	2535	21100	QPSK	1	0	Band 4	20M	/	/	/	/	24.21	24.21	25.00
	Band 7	20M	2560	21350	QPSK	1	0	Band 4	20M	/	/	/	/	24.06	24.05	25.00
CA_7A-7A	Band 7	20M	2510	20850	QPSK	1	0	Band 7	5M	/	/	/	/	24.11	24.06	25.00
	Band 7	20M	2535	21100	QPSK	1	0	Band 7	5M	/	/	/	/	24.20	24.24	25.00
	Band 7	20M	2560	21350	QPSK	1	0	Band 7	5M	/	/	/	/	24.03	24.12	25.00
CA_7A-66A	Band 7	20M	2510	20850	QPSK	1	0	Band 66	20M	/	/	/	/	24.14	24.11	25.00
	Band 7	20M	2535	21100	QPSK	1	0	Band 66	20M	/	/	/	/	24.21	24.20	25.00
	Band 7	20M	2560	21350	QPSK	1	0	Band 66	20M	/	/	/	/	24.07	24.10	25.00
	Band 66	20M	1720	132072	QPSK	1	0	Band 7	20M	/	/	/	/	24.05	24.06	25.00
	Band 66	20M	1745	132322	QPSK	1	0	Band 7	20M	/	/	/	/	24.13	24.22	25.00
	Band 66	20M	1770	132572	QPSK	1	0	Band 7	20M	/	/	/	/	24.05	24.09	25.00
CA_66A-66A	Band 66	20M	1720	132072	QPSK	1	0	Band 66	5M	/	/	/	/	24.10	24.06	25.00
	Band 66	20M	1745	132322	QPSK	1	0	Band 66	5M	/	/	/	/	24.29	24.20	25.00
	Band 66	20M	1770	132572	QPSK	1	0	Band 66	5M	/	/	/	/	24.02	24.07	25.00
CA_66B	Band 66	20M	1720	132072	QPSK	1	0	Band 66	20M	/	/	/	/	24.16	24.07	25.00
	Band 66	20M	1745	132322	QPSK	1	0	Band 66	20M	/	/	/	/	24.14	24.20	25.00
	Band 66	20M	1770	132572	QPSK	1	0	Band 66	20M	Band 66	20M	/	/	24.01	24.04	25.00
CA_38C	Band 38	20M	2580	37850	QPSK	1	0	Band 38	20M	Band 38	20M	/	/	24.02	24.12	25.00
	Band 38	20M	2585.1	37901	QPSK	1	0	Band 38	20M	Band 38	20M	/	/	24.22	24.18	25.00
	Band 38	20M	2610	38150	QPSK	1	0	Band 38	20M	Band 38	20M	/	/	24.01	24.11	25.00
CA_41C	Band 41	20M	2506	39750	QPSK	1	0	Band 41	20M	Band 41	20M	/	/	24.03	24.06	25.00
	Band 41	20M	2549.5	40185	QPSK	1	0	Band 41	20M	Band 41	20M	/	/	24.17	24.20	25.00
	Band 41	20M	2593	40620	QPSK	1	0	Band 41	20M	Band 41	20M	/	/	24.06	24.12	25.00
	Band 41	20M	2636.5	41055	QPSK	1	0	Band 41	20M	Band 41	20M	/	/	24.11	24.07	25.00
	Band 41	20M	2680	41490	QPSK	1	0	Band 41	20M	Band 41	20M	/	/	24.08	24.15	25.00
CA_66C	Band 66	20M	1720	132072	QPSK	1	0	Band 66	20M	Band 66	20M	/	/	24.12	24.08	25.00

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	Band 66	20M	1745	132322	QPSK	1	0	Band 66	20M	Band 66	20M	/	/	23.98	24.06	25.00
	Band 66	20M	1770	132572	QPSK	1	0	Band 66	20M	Band 66	20M	/	/	24.19	24.18	25.00
CA_2A-4A	Band 2	20M	1860	18700	QPSK	1	0	Band 4	20M	/	/	/	/	23.01	22.98	24.00
	Band 2	20M	1880	18900	QPSK	1	0	Band 4	20M	/	/	/	/	23.16	23.15	24.00
	Band 2	20M	1900	19100	QPSK	1	0	Band 4	20M	/	/	/	/	23.10	22.99	24.00
	Band 4	20M	1720	20050	QPSK	1	0	Band 2	20M	/	/	/	/	24.08	24.14	25.00
	Band 4	20M	1732.5	20175	QPSK	1	0	Band 2	20M	/	/	/	/	24.16	24.17	25.00
	Band 4	20M	1745	20300	QPSK	1	0	Band 2	20M	/	/	/	/	24.08	24.12	25.00
CA_2A-7A	Band 2	20M	1860	18700	QPSK	1	0	Band 7	20M	/	/	/	/	23.15	23.15	24.00
	Band 2	20M	1880	18900	QPSK	1	0	Band 7	20M	/	/	/	/	23.15	23.22	24.00
	Band 2	20M	1900	19100	QPSK	1	0	Band 7	20M	/	/	/	/	23.04	23.08	24.00
	Band 7	20M	2510	20850	QPSK	1	0	Band 2	20M	/	/	/	/	24.12	24.08	25.00
	Band 7	20M	2535	21100	QPSK	1	0	Band 2	20M	/	/	/	/	24.14	24.16	25.00
	Band 7	20M	2560	21350	QPSK	1	0	Band 2	20M	/	/	/	/	24.05	24.04	25.00
CA_2A-66A	Band 2	20M	1860	18700	QPSK	1	0	Band 66	20M	/	/	/	/	23.11	23.00	24.00
	Band 2	20M	1880	18900	QPSK	1	0	Band 66	20M	/	/	/	/	23.10	23.13	24.00
	Band 2	20M	1900	19100	QPSK	1	0	Band 66	20M	/	/	/	/	23.11	23.02	24.00
	Band 66	20M	1720	132072	QPSK	1	0	Band 2	20M	/	/	/	/	24.05	24.13	25.00
	Band 66	20M	1745	132322	QPSK	1	0	Band 2	20M	/	/	/	/	24.16	24.15	25.00
	Band 66	20M	1770	132572	QPSK	1	0	Band 2	20M	/	/	/	/	24.04	24.11	25.00
CA_2A-38A	Band 2	20M	1860	18700	QPSK	1	0	Band 38	20M	/	/	/	/	23.01	23.07	24.00
	Band 2	20M	1880	18900	QPSK	1	0	Band 38	20M	/	/	/	/	23.13	23.17	24.00
	Band 2	20M	1900	19100	QPSK	1	0	Band 38	20M	/	/	/	/	23.07	23.16	24.00
	Band 38	20M	2580	37850	QPSK	1	0	Band 2	20M	/	/	/	/	24.04	24.13	25.00
	Band 38	20M	2595	38000	QPSK	1	0	Band 2	20M	/	/	/	/	24.15	24.17	25.00
	Band 38	20M	2610	38150	QPSK	1	0	Band 2	20M	/	/	/	/	24.12	24.02	25.00
CA_2A-4A-7A	Band 2	20M	1880	18900	QPSK	1	0	Band 4	20M	Band 7	20M	/	/	23.05	23.11	24.00
	Band 4	20M	1732.5	20175	QPSK	1	0	Band 7	20M	Band 2	20M	/	/	24.12	24.07	25.00
	Band 7	20M	2535	21100	QPSK	1	0	Band 2	20M	Band 4	20M	/	/	24.14	24.17	25.00
CA_2A-7A-7A	Band 2	20M	1860	18700	QPSK	1	0	Band 7	20M	Band 7	5M	/	/	23.13	22.97	24.00
	Band 2	20M	1880	18900	QPSK	1	0	Band 7	20M	Band 7	5M	/	/	23.10	23.06	24.00
	Band 2	20M	1900	19100	QPSK	1	0	Band 7	20M	Band 7	5M	/	/	22.99	23.15	24.00

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	Band 7	20M	2510	20850	QPSK	1	0	Band 7	5M	Band 2	20M	/	/	24.07	24.14	25.00
	Band 7	20M	2535	21100	QPSK	1	0	Band 7	5M	Band 2	20M	/	/	24.24	24.19	25.00
	Band 7	20M	2560	21350	QPSK	1	0	Band 7	5M	Band 2	20M	/	/	24.11	24.02	25.00
CA_2A-7A-66A	Band 2	20M	1880	18900	QPSK	1	0	Band 7	20M	Band 66	20M	/	/	23.05	23.07	24.00
	Band 7	20M	2535	21100	QPSK	1	0	Band 66	20M	Band 2	20M	/	/	24.20	24.12	25.00
	Band 66	20M	1745	132322	QPSK	1	0	Band 2	20M	Band 7	20M	/	/	24.29	24.24	25.00
CA_4A-4A-7A	Band 4	20M	1720	20050	QPSK	1	0	Band 4	5M	Band 7	20M	/	/	24.00	24.06	25.00
	Band 4	20M	1732.5	20175	QPSK	1	0	Band 4	5M	Band 7	20M	/	/	24.04	24.09	25.00
	Band 4	20M	1745	20300	QPSK	1	0	Band 4	5M	Band 7	20M	/	/	24.19	24.16	25.00
	Band 7	20M	2510	20850	QPSK	1	0	Band 4	20M	Band 4	5M	/	/	24.19	24.11	25.00
	Band 7	20M	2535	21100	QPSK	1	0	Band 4	20M	Band 4	5M	/	/	23.97	24.07	25.00
	Band 7	20M	2560	21350	QPSK	1	0	Band 4	20M	Band 4	5M	/	/	24.29	24.19	25.00
CA_4A-7C	Band 4	20M	1720	20050	QPSK	1	0	Band 7	20M	Band 7	20M	/	/	24.01	24.02	25.00
	Band 4	20M	1732.5	20175	QPSK	1	0	Band 7	20M	Band 7	20M	/	/	24.12	24.07	25.00
	Band 4	20M	1745	20300	QPSK	1	0	Band 7	20M	Band 7	20M	/	/	24.19	24.18	25.00
	Band 7	20M	2510	20850	QPSK	1	0	Band 7	20M	Band 4	20M	/	/	23.99	24.07	25.00
	Band 7	20M	2535	21100	QPSK	1	0	Band 7	20M	Band 4	20M	/	/	24.01	24.11	25.00
	Band 7	20M	2560	21350	QPSK	1	0	Band 7	20M	Band 4	20M	/	/	24.17	24.20	25.00
CA_7A-66A-66A	Band 7	20M	2510	20850	QPSK	1	0	Band 66	20M	Band 66	5M	/	/	24.06	24.10	25.00
	Band 7	20M	2535	21100	QPSK	1	0	Band 66	20M	Band 66	5M	/	/	24.04	24.06	25.00
	Band 7	20M	2560	21350	QPSK	1	0	Band 66	20M	Band 66	5M	/	/	24.27	24.22	25.00
	Band 66	20M	1720	132072	QPSK	1	0	Band 66	5M	Band 7	20M	/	/	24.12	24.09	25.00
	Band 66	20M	1745	132322	QPSK	1	0	Band 66	5M	Band 7	20M	/	/	24.08	24.06	25.00
	Band 66	20M	1770	132572	QPSK	1	0	Band 66	5M	Band 7	20M	/	/	24.16	24.19	25.00

7.4 Conducted Power of LTE Downlink CA (Ant4)

DL LTE CA Class	PCC							SCC1		SCC2		SCC3		Power DSI		
	LTE Band	BW (MHz)	UL Freq. (MHz)	UL Channel	Mod.	UL# RB	UL RB Offset	LTE Band	BW (MHz)	LTE Band	BW (MHz)	LTE Band	BW (MHz)	With CA Tx.Power (dBm)	W/O CA Tx.Power (dBm)	Tune Up
CA_2A-2A	Band 2	20M	1860	18700	QPSK	1	0	Band 2	5M	/	/	/	/	23.04	23.13	24.00
	Band 2	20M	1880	18900	QPSK	1	0	Band 2	5M	/	/	/	/	23.24	23.07	24.00
	Band 2	20M	1900	19100	QPSK	1	0	Band 2	5M	/	/	/	/	23.04	23.01	24.00
CA_2A-4A	Band 2	20M	1860	18700	QPSK	1	0	Band 4	20M	/	/	/	/	23.05	23.02	24.00
	Band 2	20M	1880	18900	QPSK	1	0	Band 4	20M	/	/	/	/	22.99	23.05	24.00
	Band 2	20M	1900	19100	QPSK	1	0	Band 4	20M	/	/	/	/	23.06	23.02	24.00
	Band 4	20M	1720	20050	QPSK	1	0	Band 2	20M	/	/	/	/	24.24	24.18	25.00
	Band 4	20M	1732.5	20175	QPSK	1	0	Band 2	20M	/	/	/	/	24.16	24.18	25.00
	Band 4	20M	1745	20300	QPSK	1	0	Band 2	20M	/	/	/	/	24.07	23.98	25.00
CA_2A-7A	Band 2	20M	1860	18700	QPSK	1	0	Band 7	20M	/	/	/	/	23.04	23.18	24.00
	Band 2	20M	1880	18900	QPSK	1	0	Band 7	20M	/	/	/	/	23.11	23.23	24.00
	Band 2	20M	1900	19100	QPSK	1	0	Band 7	20M	/	/	/	/	23.16	23.17	24.00
	Band 7	20M	2510	20850	QPSK	1	0	Band 2	20M	/	/	/	/	24.05	24.10	25.00
	Band 7	20M	2535	21100	QPSK	1	0	Band 2	20M	/	/	/	/	24.31	24.31	25.00
	Band 7	20M	2560	21350	QPSK	1	0	Band 2	20M	/	/	/	/	24.07	24.05	25.00
CA_2A-66A	Band 2	20M	1860	18700	QPSK	1	0	Band 66	20M	/	/	/	/	23.07	22.98	24.00
	Band 2	20M	1880	18900	QPSK	1	0	Band 66	20M	/	/	/	/	23.16	23.00	24.00
	Band 2	20M	1900	19100	QPSK	1	0	Band 66	20M	/	/	/	/	23.07	23.05	24.00
	Band 66	20M	1720	132072	QPSK	1	0	Band 2	20M	/	/	/	/	24.05	24.20	25.00
	Band 66	20M	1745	132322	QPSK	1	0	Band 2	20M	/	/	/	/	24.19	24.23	25.00
	Band 66	20M	1770	132572	QPSK	1	0	Band 2	20M	/	/	/	/	24.06	24.20	25.00
CA_2A-38A	Band 2	20M	1860	18700	QPSK	1	0	Band 38	20M	/	/	/	/	23.13	23.02	24.00
	Band 2	20M	1880	18900	QPSK	1	0	Band 38	20M	/	/	/	/	23.25	23.29	24.00
	Band 2	20M	1900	19100	QPSK	1	0	Band 38	20M	/	/	/	/	23.05	23.13	24.00
	Band 38	20M	2580	37850	QPSK	1	0	Band 2	20M	/	/	/	/	24.06	23.96	25.00
	Band 38	20M	2595	38000	QPSK	1	0	Band 2	20M	/	/	/	/	24.19	24.15	25.00
	Band 38	20M	2610	38150	QPSK	1	0	Band 2	20M	/	/	/	/	24.02	24.01	25.00
CA_4A-4A	Band 4	20M	1720	20050	QPSK	1	0	Band 4	5M	/	/	/	/	24.08	24.05	25.00
	Band 4	20M	1732.5	20175	QPSK	1	0	Band 4	5M	/	/	/	/	24.11	24.16	25.00
	Band 4	20M	1745	20300	QPSK	1	0	Band 4	5M	/	/	/	/	24.00	23.99	25.00
CA_4A-7A	Band 4	20M	1720	20050	QPSK	1	0	Band 7	20M	/	/	/	/	24.08	24.00	25.00

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	Band 4	20M	1732.5	20175	QPSK	1	0	Band 7	20M	/	/	/	/	24.12	24.14	25.00
	Band 4	20M	1745	20300	QPSK	1	0	Band 7	20M	/	/	/	/	24.17	24.07	25.00
	Band 7	20M	2510	20850	QPSK	1	0	Band 4	20M	/	/	/	/	24.19	24.02	25.00
	Band 7	20M	2535	21100	QPSK	1	0	Band 4	20M	/	/	/	/	24.17	24.14	25.00
	Band 7	20M	2560	21350	QPSK	1	0	Band 4	20M	/	/	/	/	24.13	24.07	25.00
CA_7A-7A	Band 7	20M	2510	20850	QPSK	1	0	Band 7	5M	/	/	/	/	24.09	23.97	25.00
	Band 7	20M	2535	21100	QPSK	1	0	Band 7	5M	/	/	/	/	24.14	24.33	25.00
	Band 7	20M	2560	21350	QPSK	1	0	Band 7	5M	/	/	/	/	24.06	24.17	25.00
CA_7A-66A	Band 7	20M	2510	20850	QPSK	1	0	Band 66	20M	/	/	/	/	24.12	24.11	25.00
	Band 7	20M	2535	21100	QPSK	1	0	Band 66	20M	/	/	/	/	24.28	24.10	25.00
	Band 7	20M	2560	21350	QPSK	1	0	Band 66	20M	/	/	/	/	24.11	24.17	25.00
	Band 66	20M	1720	132072	QPSK	1	0	Band 7	20M	/	/	/	/	24.11	23.98	25.00
	Band 66	20M	1745	132322	QPSK	1	0	Band 7	20M	/	/	/	/	24.21	24.25	25.00
	Band 66	20M	1770	132572	QPSK	1	0	Band 7	20M	/	/	/	/	24.17	24.02	25.00
CA_66A-66A	Band 66	20M	1720	132072	QPSK	1	0	Band 66	5M	/	/	/	/	23.96	23.97	25.00
	Band 66	20M	1745	132322	QPSK	1	0	Band 66	5M	/	/	/	/	24.25	24.24	25.00
	Band 66	20M	1770	132572	QPSK	1	0	Band 66	5M	/	/	/	/	24.14	24.16	25.00
CA_66B	Band 66	20M	1720	132072	QPSK	1	0	Band 66	20M	/	/	/	/	24.14	24.04	25.00
	Band 66	20M	1745	132322	QPSK	1	0	Band 66	20M	/	/	/	/	24.26	24.28	25.00
	Band 66	20M	1770	132572	QPSK	1	0	Band 66	20M	Band 66	20M	/	/	24.08	24.01	25.00
CA_38C	Band 38	20M	2580	37850	QPSK	1	0	Band 38	20M	Band 38	20M	/	/	24.02	24.16	25.00
	Band 38	20M	2585.1	37901	QPSK	1	0	Band 38	20M	Band 38	20M	/	/	24.17	24.13	25.00
	Band 38	20M	2610	38150	QPSK	1	0	Band 38	20M	Band 38	20M	/	/	24.07	24.13	25.00
CA_41C	Band 41	20M	2506	39750	QPSK	1	0	Band 41	20M	Band 41	20M	/	/	24.06	23.99	25.00
	Band 41	20M	2549.5	40185	QPSK	1	0	Band 41	20M	Band 41	20M	/	/	24.27	24.27	25.00
	Band 41	20M	2593	40620	QPSK	1	0	Band 41	20M	Band 41	20M	/	/	24.10	24.10	25.00
	Band 41	20M	2636.5	41055	QPSK	1	0	Band 41	20M	Band 41	20M	/	/	24.16	24.01	25.00
	Band 41	20M	2680	41490	QPSK	1	0	Band 41	20M	Band 41	20M	/	/	24.24	24.12	25.00
CA_66C	Band 66	20M	1720	132072	QPSK	1	0	Band 66	20M	Band 66	20M	/	/	24.15	24.14	25.00
	Band 66	20M	1745	132322	QPSK	1	0	Band 66	20M	Band 66	20M	/	/	24.02	23.96	25.00
	Band 66	20M	1770	132572	QPSK	1	0	Band 66	20M	Band 66	20M	/	/	24.20	24.16	25.00
CA_2A-4A	Band 2	20M	1860	18700	QPSK	1	0	Band 4	20M	/	/	/	/	22.94	23.05	24.00
	Band 2	20M	1880	18900	QPSK	1	0	Band 4	20M	/	/	/	/	23.07	23.13	24.00
	Band 2	20M	1900	19100	QPSK	1	0	Band 4	20M	/	/	/	/	23.05	23.01	24.00
	Band 4	20M	1720	20050	QPSK	1	0	Band 2	20M	/	/	/	/	24.20	24.24	25.00
	Band 4	20M	1732.5	20175	QPSK	1	0	Band 2	20M	/	/	/	/	24.09	24.14	25.00
	Band 4	20M	1745	20300	QPSK	1	0	Band 2	20M	/	/	/	/	24.21	24.02	25.00
CA_2A-7A	Band 2	20M	1860	18700	QPSK	1	0	Band 7	20M	/	/	/	/	23.09	23.21	24.00

	Band 2	20M	1880	18900	QPSK	1	0	Band 7	20M	/	/	/	/	23.29	23.27	24.00
	Band 2	20M	1900	19100	QPSK	1	0	Band 7	20M	/	/	/	/	23.15	23.02	24.00
	Band 7	20M	2510	20850	QPSK	1	0	Band 2	20M	/	/	/	/	24.12	24.09	25.00
	Band 7	20M	2535	21100	QPSK	1	0	Band 2	20M	/	/	/	/	24.16	24.13	25.00
	Band 7	20M	2560	21350	QPSK	1	0	Band 2	20M	/	/	/	/	24.06	24.09	25.00
CA_2A-66A	Band 2	20M	1860	18700	QPSK	1	0	Band 66	20M	/	/	/	/	22.92	23.06	24.00
	Band 2	20M	1880	18900	QPSK	1	0	Band 66	20M	/	/	/	/	23.17	23.03	24.00
	Band 2	20M	1900	19100	QPSK	1	0	Band 66	20M	/	/	/	/	23.07	22.96	24.00
	Band 66	20M	1720	132072	QPSK	1	0	Band 2	20M	/	/	/	/	24.13	24.08	25.00
	Band 66	20M	1745	132322	QPSK	1	0	Band 2	20M	/	/	/	/	24.05	24.05	25.00
	Band 66	20M	1770	132572	QPSK	1	0	Band 2	20M	/	/	/	/	24.20	24.15	25.00
CA_2A-38A	Band 2	20M	1860	18700	QPSK	1	0	Band 38	20M	/	/	/	/	23.03	23.03	24.00
	Band 2	20M	1880	18900	QPSK	1	0	Band 38	20M	/	/	/	/	23.10	23.17	24.00
	Band 2	20M	1900	19100	QPSK	1	0	Band 38	20M	/	/	/	/	23.07	23.22	24.00
	Band 38	20M	2580	37850	QPSK	1	0	Band 2	20M	/	/	/	/	24.08	24.08	25.00
	Band 38	20M	2595	38000	QPSK	1	0	Band 2	20M	/	/	/	/	24.13	24.27	25.00
	Band 38	20M	2610	38150	QPSK	1	0	Band 2	20M	/	/	/	/	24.06	24.04	25.00
CA_2A-4A-7A	Band 2	20M	1880	18900	QPSK	1	0	Band 4	20M	Band 7	20M	/	/	23.02	23.03	24.00
	Band 4	20M	1732.5	20175	QPSK	1	0	Band 7	20M	Band 2	20M	/	/	24.01	24.13	25.00
	Band 7	20M	2535	21100	QPSK	1	0	Band 2	20M	Band 4	20M	/	/	24.08	24.18	25.00
CA_2A-7A-7A	Band 2	20M	1860	18700	QPSK	1	0	Band 7	20M	Band 7	5M	/	/	23.01	23.06	24.00
	Band 2	20M	1880	18900	QPSK	1	0	Band 7	20M	Band 7	5M	/	/	23.11	23.14	24.00
	Band 2	20M	1900	19100	QPSK	1	0	Band 7	20M	Band 7	5M	/	/	23.08	23.06	24.00
	Band 7	20M	2510	20850	QPSK	1	0	Band 7	5M	Band 2	20M	/	/	24.24	24.13	25.00
	Band 7	20M	2535	21100	QPSK	1	0	Band 7	5M	Band 2	20M	/	/	24.25	24.26	25.00
	Band 7	20M	2560	21350	QPSK	1	0	Band 7	5M	Band 2	20M	/	/	23.93	24.01	25.00
CA_2A-7A-66A	Band 2	20M	1880	18900	QPSK	1	0	Band 7	20M	Band 66	20M	/	/	23.16	23.01	24.00
	Band 7	20M	2535	21100	QPSK	1	0	Band 66	20M	Band 2	20M	/	/	24.12	24.07	25.00
	Band 66	20M	1745	132322	QPSK	1	0	Band 2	20M	Band 7	20M	/	/	24.33	24.21	25.00
CA_4A-4A-7A	Band 4	20M	1720	20050	QPSK	1	0	Band 4	5M	Band 7	20M	/	/	23.99	24.16	25.00
	Band 4	20M	1732.5	20175	QPSK	1	0	Band 4	5M	Band 7	20M	/	/	24.09	24.08	25.00
	Band 4	20M	1745	20300	QPSK	1	0	Band 4	5M	Band 7	20M	/	/	24.20	24.15	25.00
	Band 7	20M	2510	20850	QPSK	1	0	Band 4	20M	Band 4	5M	/	/	24.04	24.12	25.00
	Band 7	20M	2535	21100	QPSK	1	0	Band 4	20M	Band 4	5M	/	/	24.09	24.05	25.00
	Band 7	20M	2560	21350	QPSK	1	0	Band 4	20M	Band 4	5M	/	/	24.28	24.12	25.00
CA_4A-7C	Band 4	20M	1720	20050	QPSK	1	0	Band 7	20M	Band 7	20M	/	/	23.97	24.00	25.00
	Band 4	20M	1732.5	20175	QPSK	1	0	Band 7	20M	Band 7	20M	/	/	24.05	23.99	25.00

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	Band 4	20M	1745	20300	QPSK	1	0	Band 7	20M	Band 7	20M	/	/	24.21	24.21	25.00
	Band 7	20M	2510	20850	QPSK	1	0	Band 7	20M	Band 4	20M	/	/	24.00	24.08	25.00
	Band 7	20M	2535	21100	QPSK	1	0	Band 7	20M	Band 4	20M	/	/	24.02	24.19	25.00
	Band 7	20M	2560	21350	QPSK	1	0	Band 7	20M	Band 4	20M	/	/	24.29	24.10	25.00
CA_7A-66A-66A	Band 7	20M	2510	20850	QPSK	1	0	Band 66	20M	Band 66	5M	/	/	24.10	24.09	25.00
	Band 7	20M	2535	21100	QPSK	1	0	Band 66	20M	Band 66	5M	/	/	24.08	24.02	25.00
	Band 7	20M	2560	21350	QPSK	1	0	Band 66	20M	Band 66	5M	/	/	24.13	24.31	25.00
	Band 66	20M	1720	132072	QPSK	1	0	Band 66	5M	Band 7	20M	/	/	24.16	24.06	25.00
	Band 66	20M	1745	132322	QPSK	1	0	Band 66	5M	Band 7	20M	/	/	24.15	24.09	25.00
	Band 66	20M	1770	132572	QPSK	1	0	Band 66	5M	Band 7	20M	/	/	24.19	24.12	25.00

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Member of the SGS Group (SGS SA)

7.5 Conducted Power of LTE Downlink CA (Ant5)

DL LTE CA Class	PCC							SCC1		SCC2		SCC3		Power DSI		
	LTE Band	BW (MHz)	UL Freq. (MHz)	UL Channel	Mod.	UL# RB	UL RB Offset	LTE Band	BW (MHz)	LTE Band	BW (MHz)	LTE Band	BW (MHz)	With CA Tx.Power (dBm)	W/O CA Tx.Power (dBm)	Tune Up
CA_4A-4A	Band 4	20M	1720	20050	QPSK	1	0	Band 4	5M	/	/	/	/	22.81	22.78	23.80
	Band 4	20M	1732.5	20175	QPSK	1	0	Band 4	5M	/	/	/	/	22.63	22.69	23.80
	Band 4	20M	1745	20300	QPSK	1	0	Band 4	5M	/	/	/	/	22.80	22.72	23.80
CA_4A-7A	Band 4	20M	1720	20050	QPSK	1	0	Band 7	20M	/	/	/	/	22.74	22.77	23.80
	Band 4	20M	1732.5	20175	QPSK	1	0	Band 7	20M	/	/	/	/	22.68	22.73	23.80
	Band 4	20M	1745	20300	QPSK	1	0	Band 7	20M	/	/	/	/	22.55	22.62	23.80
	Band 7	20M	2510	20850	QPSK	1	0	Band 4	20M	/	/	/	/	22.19	22.09	23.30
	Band 7	20M	2535	21100	QPSK	1	0	Band 4	20M	/	/	/	/	22.29	22.30	23.30
	Band 7	20M	2560	21350	QPSK	1	0	Band 4	20M	/	/	/	/	22.12	22.17	23.30
CA_7A-7A	Band 7	20M	2510	20850	QPSK	1	0	Band 7	5M	/	/	/	/	22.03	22.04	23.30
	Band 7	20M	2535	21100	QPSK	1	0	Band 7	5M	/	/	/	/	22.19	22.22	23.30
	Band 7	20M	2560	21350	QPSK	1	0	Band 7	5M	/	/	/	/	22.11	22.18	23.30
CA_7A-66A	Band 7	20M	2510	20850	QPSK	1	0	Band 66	20M	/	/	/	/	22.10	22.06	23.30
	Band 7	20M	2535	21100	QPSK	1	0	Band 66	20M	/	/	/	/	22.26	22.24	23.30
	Band 7	20M	2560	21350	QPSK	1	0	Band 66	20M	/	/	/	/	22.22	22.14	23.30
	Band 66	20M	1720	132072	QPSK	1	0	Band 7	20M	/	/	/	/	22.89	22.86	23.80
	Band 66	20M	1745	132322	QPSK	1	0	Band 7	20M	/	/	/	/	22.77	22.70	23.80
	Band 66	20M	1770	132572	QPSK	1	0	Band 7	20M	/	/	/	/	22.72	22.68	23.80
CA_66A-66A	Band 66	20M	1720	132072	QPSK	1	0	Band 66	5M	/	/	/	/	22.86	22.88	23.80
	Band 66	20M	1745	132322	QPSK	1	0	Band 66	5M	/	/	/	/	22.73	22.78	23.80
	Band 66	20M	1770	132572	QPSK	1	0	Band 66	5M	/	/	/	/	22.83	22.76	23.80
CA_66B	Band 66	20M	1720	132072	QPSK	1	0	Band 66	20M	/	/	/	/	22.79	22.69	23.80
	Band 66	20M	1745	132322	QPSK	1	0	Band 66	20M	/	/	/	/	22.80	22.74	23.80
	Band 66	20M	1770	132572	QPSK	1	0	Band 66	20M	Band 66	20M	/	/	22.58	22.64	23.80
CA_38C	Band 38	20M	2580	37850	QPSK	1	0	Band 38	20M	Band 38	20M	/	/	21.60	21.69	22.80
	Band 38	20M	2585.1	37901	QPSK	1	0	Band 38	20M	Band 38	20M	/	/	21.67	21.66	22.80
	Band 38	20M	2610	38150	QPSK	1	0	Band 38	20M	Band 38	20M	/	/	21.75	21.76	22.80
CA_41C	Band 41	20M	2506	39750	QPSK	1	0	Band 41	20M	Band 41	20M	/	/	21.77	21.67	22.80
	Band 41	20M	2549.5	40185	QPSK	1	0	Band 41	20M	Band 41	20M	/	/	21.71	21.65	22.80
	Band 41	20M	2593	40620	QPSK	1	0	Band 41	20M	Band 41	20M	/	/	21.84	21.84	22.80
	Band 41	20M	2636.5	41055	QPSK	1	0	Band 41	20M	Band 41	20M	/	/	21.65	21.70	22.80
	Band 41	20M	2680	41490	QPSK	1	0	Band 41	20M	Band 41	20M	/	/	21.76	21.68	22.80
CA_66C	Band 66	20M	1720	132072	QPSK	1	0	Band 66	20M	Band 66	20M	/	/	22.85	22.80	23.80

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	Band 66	20M	1745	132322	QPSK	1	0	Band 66	20M	Band 66	20M	/	/	22.83	22.79	23.80
	Band 66	20M	1770	132572	QPSK	1	0	Band 66	20M	Band 66	20M	/	/	22.57	22.63	23.80
CA_4A-4A-7A	Band 4	20M	1720	20050	QPSK	1	0	Band 4	5M	Band 7	20M	/	/	22.75	22.70	23.80
	Band 4	20M	1732.5	20175	QPSK	1	0	Band 4	5M	Band 7	20M	/	/	22.53	22.61	23.80
	Band 4	20M	1745	20300	QPSK	1	0	Band 4	5M	Band 7	20M	/	/	22.75	22.80	23.80
	Band 7	20M	2510	20850	QPSK	1	0	Band 4	20M	Band 4	5M	/	/	22.84	22.78	23.30
	Band 7	20M	2535	21100	QPSK	1	0	Band 4	20M	Band 4	5M	/	/	22.64	22.62	23.30
	Band 7	20M	2560	21350	QPSK	1	0	Band 4	20M	Band 4	5M	/	/	22.78	22.70	23.30
CA_4A-7C	Band 4	20M	1720	20050	QPSK	1	0	Band 7	20M	Band 7	20M	/	/	22.87	22.88	23.80
	Band 4	20M	1732.5	20175	QPSK	1	0	Band 7	20M	Band 7	20M	/	/	22.66	22.61	23.80
	Band 4	20M	1745	20300	QPSK	1	0	Band 7	20M	Band 7	20M	/	/	22.71	22.81	23.80
	Band 7	20M	2510	20850	QPSK	1	0	Band 7	20M	Band 4	20M	/	/	22.20	22.12	23.30
	Band 7	20M	2535	21100	QPSK	1	0	Band 7	20M	Band 4	20M	/	/	22.20	22.21	23.30
	Band 7	20M	2560	21350	QPSK	1	0	Band 7	20M	Band 4	20M	/	/	22.18	22.19	23.30
CA_7A-66A-66A	Band 7	20M	2510	20850	QPSK	1	0	Band 66	20M	Band 66	5M	/	/	22.25	22.20	23.30
	Band 7	20M	2535	21100	QPSK	1	0	Band 66	20M	Band 66	5M	/	/	22.09	22.17	23.30
	Band 7	20M	2560	21350	QPSK	1	0	Band 66	20M	Band 66	5M	/	/	22.10	22.10	23.30
	Band 66	20M	1720	132072	QPSK	1	0	Band 66	5M	Band 7	20M	/	/	22.90	22.80	23.80
	Band 66	20M	1745	132322	QPSK	1	0	Band 66	5M	Band 7	20M	/	/	22.70	22.76	23.80
	Band 66	20M	1770	132572	QPSK	1	0	Band 66	5M	Band 7	20M	/	/	22.80	22.71	23.80

7.6 Conducted Power of ENDC LTE&Inter-band_UL_CA (Ant5)

LTE Band 2 state3				**Conducted Power(dBm)**			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18607	18900	19193	
1.4MHz	QPSK	1	0	19.59	19.33	19.49	20.70
		1	2	19.48	19.23	19.48	20.70
		1	5	19.65	19.39	19.52	20.70
		3	0	19.62	19.41	19.56	20.70
		3	2	19.58	19.33	19.50	20.70
		3	3	19.60	19.31	19.52	20.70
		6	0	19.17	18.89	19.14	20.20
	16QAM	1	0	19.14	18.90	19.03	20.20
		1	2	19.08	18.89	19.11	20.20
		1	5	19.12	18.93	19.05	20.20
		3	0	19.21	18.97	19.08	20.20
		3	2	19.21	18.96	19.07	20.20
		3	3	19.21	18.97	19.04	20.20
		6	0	18.27	18.10	18.24	19.20
	64QAM	1	0	18.25	17.97	18.04	19.20
		1	2	18.28	17.90	18.12	19.20
		1	5	18.17	18.02	18.10	19.20
		3	0	18.18	18.02	18.03	19.20
		3	2	18.14	18.01	18.14	19.20
		3	3	18.16	17.98	18.11	19.20
		6	0	17.15	16.88	17.20	18.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18615	18900	19185	
3MHz	QPSK	1	0	19.61	19.33	19.52	20.70
		1	7	19.48	19.36	19.53	20.70
		1	14	19.63	19.33	19.51	20.70
		8	0	19.04	18.85	19.06	20.20
		8	4	19.11	18.84	18.99	20.20
		8	7	19.20	18.99	19.12	20.20
		15	0	19.12	18.90	19.09	20.20
	16QAM	1	0	19.11	18.89	19.02	20.20
		1	7	19.10	18.83	19.04	20.20
		1	14	19.23	18.92	19.11	20.20

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		8	0	18.31	18.04	18.18	19.20
		8	4	18.27	18.03	18.20	19.20
		8	7	18.30	18.00	18.15	19.20
		15	0	18.26	18.04	18.16	19.20
	64QAM	1	0	18.33	17.97	18.09	19.20
		1	7	18.18	17.89	18.08	19.20
		1	14	18.22	17.95	18.12	19.20
		8	0	17.21	16.97	17.08	18.20
		8	4	17.19	16.93	17.07	18.20
		8	7	17.31	16.94	17.19	18.20
		15	0	17.16	16.90	17.09	18.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18625	18900	19175	
5MHz	QPSK	1	0	19.61	19.34	19.52	20.70
		1	13	19.43	19.28	19.49	20.70
		1	24	19.62	19.37	19.57	20.70
		12	0	19.13	18.82	19.00	20.20
		12	6	19.13	18.83	18.99	20.20
		12	13	19.13	18.93	19.01	20.20
		25	0	19.11	18.89	19.05	20.20
	16QAM	1	0	19.06	18.91	19.10	20.20
		1	13	19.15	18.92	19.05	20.20
		1	24	19.15	18.98	19.07	20.20
		12	0	18.22	17.98	18.20	19.20
		12	6	18.29	18.00	18.19	19.20
		12	13	18.30	18.00	18.18	19.20
		25	0	18.26	18.01	18.23	19.20
	64QAM	1	0	18.32	17.99	18.17	19.20
		1	13	18.21	17.93	18.05	19.20
		1	24	18.19	18.04	18.10	19.20
		12	0	17.18	16.89	17.02	18.20
		12	6	17.10	16.88	17.06	18.20
		12	13	17.25	16.96	17.18	18.20
		25	0	17.20	16.98	17.12	18.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18650	18900	19150	
10MHz	QPSK	1	0	19.50	19.30	19.55	20.70
		1	25	19.39	19.21	19.36	20.70
		1	49	19.65	19.31	19.51	20.70

		25	0	19.06	18.87	19.04	20.20
		25	13	19.06	18.83	19.00	20.20
		25	25	19.09	18.92	19.04	20.20
		50	0	19.14	19.00	19.10	20.20
	16QAM	1	0	19.01	18.87	19.00	20.20
		1	25	19.02	18.87	19.04	20.20
		1	49	19.08	18.88	19.04	20.20
		25	0	18.22	17.88	18.11	19.20
		25	13	18.19	17.98	18.17	19.20
		25	25	18.24	18.01	18.19	19.20
		50	0	18.19	17.95	18.27	19.20
	64QAM	1	0	18.17	17.86	18.00	19.20
		1	25	18.24	17.96	18.07	19.20
		1	49	18.25	17.94	18.10	19.20
		25	0	17.10	16.85	16.97	18.20
		25	13	17.08	16.79	17.06	18.20
		25	25	17.29	17.00	17.22	18.20
		50	0	17.12	16.86	17.09	18.20

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18675	18900	19125	
15MHz	QPSK	1	0	19.59	19.33	19.59	20.70
		1	38	19.47	19.29	19.42	20.70
		1	74	19.68	19.37	19.55	20.70
		36	0	19.11	18.96	19.07	20.20
		36	18	19.11	18.84	19.01	20.20
		36	39	19.13	18.92	19.08	20.20
		75	0	19.21	18.99	19.12	20.20
	16QAM	1	0	19.08	18.88	19.03	20.20
		1	38	19.11	18.82	19.03	20.20
		1	74	19.13	18.92	19.11	20.20
		36	0	18.26	18.00	18.12	19.20
		36	18	18.33	18.05	18.17	19.20
		36	39	18.31	17.99	18.19	19.20
		75	0	18.27	18.02	18.26	19.20
	64QAM	1	0	18.25	17.96	18.10	19.20
		1	38	18.21	17.94	18.14	19.20
		1	74	18.26	18.01	18.10	19.20
		36	0	17.17	16.87	17.02	18.20
		36	18	17.17	16.91	17.13	18.20

		36	39	17.32	17.01	17.19	18.20
		75	0	17.14	16.94	17.15	18.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18700	18900	19100	
20MHz	QPSK	1	0	19.67	19.36	19.57	20.70
		1	50	19.52	19.36	19.50	20.70
		1	99	19.65	19.40	19.56	20.70
		50	0	19.17	18.89	19.06	20.20
		50	25	19.15	18.93	18.99	20.20
		50	50	19.19	18.96	19.15	20.20
		100	0	19.24	19.04	19.18	20.20
	16QAM	1	0	19.15	18.97	19.10	20.20
		1	50	19.11	18.91	19.09	20.20
		1	99	19.26	19.02	19.19	20.20
		50	0	18.32	18.00	18.22	19.20
		50	25	18.33	18.07	18.29	19.20
		50	50	18.37	18.08	18.20	19.20
		100	0	18.33	18.05	18.28	19.20
	64QAM	1	0	18.26	17.97	18.15	19.20
		1	50	18.26	18.03	18.12	19.20
		1	99	18.22	18.08	18.17	19.20
		50	0	17.29	16.99	17.07	18.20
		50	25	17.21	16.96	17.15	18.20
		50	50	17.34	17.04	17.24	18.20
		100	0	17.20	17.02	17.20	18.20

LTE Band 2 state5/8				**Conducted Power(dBm)**			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18607	18900	19193	
1.4MHz	QPSK	1	0	17.55	17.34	17.49	18.70
		1	2	17.49	17.24	17.43	18.70
		1	5	17.68	17.41	17.51	18.70
		3	0	17.63	17.36	17.58	18.70
		3	2	17.64	17.43	17.55	18.70
		3	3	17.60	17.39	17.54	18.70
		6	0	17.62	17.37	17.60	18.70
	16QAM	1	0	17.66	17.40	17.54	18.70

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		1	2	17.64	17.38	17.52	18.70
		1	5	17.68	17.39	17.57	18.70
		3	0	17.65	17.35	17.60	18.70
		3	2	17.61	17.42	17.58	18.70
		3	3	17.64	17.36	17.58	18.70
		6	0	17.60	17.43	17.58	18.70
	64QAM	1	0	17.67	17.41	17.56	18.70
		1	2	17.60	17.43	17.59	18.70
		1	5	17.64	17.43	17.58	18.70
		3	0	17.68	17.36	17.52	18.70
		3	2	17.60	17.37	17.54	18.70
		3	3	17.68	17.37	17.58	18.70
		6	0	17.18	16.93	17.13	18.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18615	18900	19185	
3MHz	QPSK	1	0	17.60	17.43	17.56	18.70
		1	7	17.60	17.41	17.53	18.70
		1	14	17.65	17.38	17.58	18.70
		8	0	17.63	17.36	17.55	18.70
		8	4	17.64	17.37	17.57	18.70
		8	7	17.64	17.43	17.52	18.70
		15	0	17.68	17.37	17.54	18.70
	16QAM	1	0	17.60	17.39	17.53	18.70
		1	7	17.68	17.43	17.59	18.70
		1	14	17.66	17.35	17.60	18.70
		8	0	17.68	17.41	17.58	18.70
		8	4	17.67	17.37	17.55	18.70
		8	7	17.66	17.38	17.56	18.70
		15	0	17.64	17.39	17.52	18.70
	64QAM	1	0	17.62	17.38	17.53	18.70
		1	7	17.62	17.38	17.52	18.70
		1	14	17.66	17.40	17.52	18.70
		8	0	17.22	16.94	17.03	18.20
		8	4	17.18	16.95	17.08	18.20
		8	7	17.23	16.93	17.16	18.20
		15	0	17.19	16.93	17.07	18.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18625	18900	19175	
5MHz	QPSK	1	0	17.62	17.41	17.60	18.70

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		1	13	17.63	17.38	17.56	18.70
		1	24	17.66	17.41	17.60	18.70
		12	0	17.64	17.42	17.53	18.70
		12	6	17.66	17.42	17.60	18.70
		12	13	17.61	17.37	17.60	18.70
		25	0	17.60	17.37	17.53	18.70
	16QAM	1	0	17.68	17.36	17.58	18.70
		1	13	17.61	17.42	17.53	18.70
		1	24	17.68	17.40	17.52	18.70
		12	0	17.61	17.35	17.59	18.70
		12	6	17.68	17.41	17.52	18.70
		12	13	17.60	17.42	17.58	18.70
		25	0	17.64	17.41	17.55	18.70
	64QAM	1	0	17.62	17.43	17.53	18.70
		1	13	17.67	17.39	17.59	18.70
		1	24	17.62	17.42	17.55	18.70
		12	0	17.25	16.92	17.05	18.20
		12	6	17.08	16.86	17.03	18.20
		12	13	17.24	16.98	17.18	18.20
		25	0	17.16	17.00	17.14	18.20

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18650	18900	19150	
10MHz	QPSK	1	0	17.62	17.36	17.57	18.70
		1	25	17.66	17.35	17.60	18.70
		1	49	17.62	17.37	17.58	18.70
		25	0	17.62	17.36	17.55	18.70
		25	13	17.67	17.36	17.60	18.70
		25	25	17.60	17.43	17.58	18.70
		50	0	17.62	17.37	17.59	18.70
	16QAM	1	0	17.64	17.43	17.58	18.70
		1	25	17.66	17.41	17.59	18.70
		1	49	17.60	17.37	17.55	18.70
		25	0	17.66	17.40	17.60	18.70
		25	13	17.66	17.42	17.57	18.70
		25	25	17.65	17.37	17.57	18.70
		50	0	17.65	17.37	17.54	18.70
	64QAM	1	0	17.61	17.36	17.55	18.70
		1	25	17.62	17.41	17.55	18.70
		1	49	17.61	17.40	17.58	18.70

		25	0	17.07	16.85	17.04	18.20
		25	13	17.13	16.85	17.00	18.20
		25	25	17.25	17.05	17.22	18.20
		50	0	17.11	16.92	17.08	18.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18675	18900	19125	
15MHz	QPSK	1	0	17.62	17.42	17.52	18.70
		1	38	17.60	17.42	17.53	18.70
		1	74	17.67	17.39	17.60	18.70
		36	0	17.61	17.35	17.56	18.70
		36	18	17.63	17.40	17.56	18.70
		36	39	17.61	17.43	17.55	18.70
		75	0	17.64	17.36	17.56	18.70
	16QAM	1	0	17.60	17.36	17.55	18.70
		1	38	17.65	17.37	17.54	18.70
		1	74	17.60	17.38	17.55	18.70
		36	0	17.65	17.40	17.56	18.70
		36	18	17.62	17.40	17.60	18.70
		36	39	17.62	17.36	17.60	18.70
		75	0	17.65	17.39	17.56	18.70
	64QAM	1	0	17.67	17.43	17.58	18.70
		1	38	17.63	17.40	17.53	18.70
		1	74	17.63	17.37	17.55	18.70
		36	0	17.17	16.89	16.98	18.20
		36	18	17.13	16.92	17.09	18.20
		36	39	17.27	17.09	17.18	18.20
		75	0	17.22	16.94	17.10	18.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18700	18900	19100	
20MHz	QPSK	1	0	17.68	17.37	17.55	18.70
		1	50	17.65	17.36	17.56	18.70
		1	99	17.65	17.35	17.57	18.70
		50	0	17.64	17.37	17.55	18.70
		50	25	17.68	17.38	17.57	18.70
		50	50	17.63	17.38	17.54	18.70
		100	0	17.64	17.43	17.52	18.70
	16QAM	1	0	17.61	17.41	17.59	18.70
		1	50	17.61	17.37	17.55	18.70
		1	99	17.61	17.43	17.56	18.70

		50	0	17.66	17.40	17.52	18.70
		50	25	17.60	17.40	17.52	18.70
		50	50	17.61	17.42	17.57	18.70
		100	0	17.67	17.40	17.54	18.70
	64QAM	1	0	17.62	17.41	17.60	18.70
		1	50	17.65	17.41	17.52	18.70
		1	99	17.65	17.36	17.52	18.70
		50	0	17.25	16.96	17.11	18.20
		50	25	17.18	16.92	17.14	18.20
		50	50	17.31	17.07	17.22	18.20
		100	0	17.21	17.00	17.18	18.20

LTE Band 2 state10				**Conducted Power(dBm)**			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18607	18900	19193	
1.4MHz	QPSK	1	0	16.52	16.33	16.49	17.70
		1	2	16.50	16.28	16.46	17.70
		1	5	16.68	16.42	16.53	17.70
		3	0	16.61	16.35	16.55	17.70
		3	2	16.63	16.30	16.48	17.70
		3	3	16.66	16.34	16.53	17.70
		6	0	16.49	16.22	16.49	17.70
	16QAM	1	0	16.48	16.22	16.46	17.70
		1	2	16.44	16.22	16.42	17.70
		1	5	16.49	16.22	16.49	17.70
		3	0	16.47	16.22	16.42	17.70
		3	2	16.46	16.26	16.49	17.70
		3	3	16.50	16.25	16.46	17.70
		6	0	16.44	16.25	16.47	17.70
	64QAM	1	0	16.47	16.27	16.44	17.70
		1	2	16.44	16.22	16.48	17.70
		1	5	16.46	16.21	16.48	17.70
		3	0	16.45	16.24	16.46	17.70
		3	2	16.46	16.27	16.46	17.70
		3	3	16.47	16.22	16.48	17.70
		6	0	16.49	16.25	16.48	17.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up

				18615	18900	19185	
3MHz	QPSK	1	0	16.52	16.22	16.49	17.70
		1	7	16.50	16.23	16.41	17.70
		1	14	16.50	16.20	16.41	17.70
		8	0	16.52	16.21	16.46	17.70
		8	4	16.46	16.27	16.48	17.70
		8	7	16.47	16.25	16.43	17.70
		15	0	16.47	16.22	16.45	17.70
	16QAM	1	0	16.45	16.21	16.49	17.70
		1	7	16.47	16.21	16.45	17.70
		1	14	16.50	16.21	16.46	17.70
		8	0	16.51	16.27	16.45	17.70
		8	4	16.49	16.28	16.45	17.70
		8	7	16.47	16.27	16.45	17.70
		15	0	16.47	16.21	16.45	17.70
	64QAM	1	0	16.46	16.27	16.44	17.70
		1	7	16.47	16.24	16.42	17.70
		1	14	16.50	16.22	16.46	17.70
		8	0	16.51	16.27	16.45	17.70
		8	4	16.49	16.25	16.42	17.70
		8	7	16.47	16.26	16.42	17.70
		15	0	16.50	16.28	16.44	17.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18625	18900	19175	
5MHz	QPSK	1	0	16.52	16.20	16.48	17.70
		1	13	16.49	16.27	16.42	17.70
		1	24	16.44	16.27	16.43	17.70
		12	0	16.44	16.24	16.44	17.70
		12	6	16.44	16.21	16.47	17.70
		12	13	16.51	16.22	16.46	17.70
		25	0	16.51	16.21	16.41	17.70
	16QAM	1	0	16.47	16.23	16.46	17.70
		1	13	16.51	16.20	16.44	17.70
		1	24	16.50	16.23	16.45	17.70
		12	0	16.44	16.27	16.48	17.70
		12	6	16.52	16.20	16.42	17.70
		12	13	16.52	16.26	16.41	17.70
		25	0	16.48	16.21	16.41	17.70
	64QAM	1	0	16.52	16.21	16.47	17.70

		1	13	16.49	16.27	16.44	17.70
		1	24	16.46	16.26	16.42	17.70
		12	0	16.50	16.21	16.45	17.70
		12	6	16.45	16.23	16.45	17.70
		12	13	16.45	16.26	16.41	17.70
		25	0	16.48	16.20	16.42	17.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18650	18900	19150	
10MHz	QPSK	1	0	16.52	16.28	16.42	17.70
		1	25	16.52	16.25	16.42	17.70
		1	49	16.45	16.22	16.46	17.70
		25	0	16.47	16.27	16.47	17.70
		25	13	16.49	16.23	16.43	17.70
		25	25	16.48	16.23	16.48	17.70
		50	0	16.49	16.26	16.41	17.70
	16QAM	1	0	16.49	16.23	16.43	17.70
		1	25	16.48	16.20	16.45	17.70
		1	49	16.50	16.24	16.42	17.70
		25	0	16.48	16.20	16.45	17.70
		25	13	16.49	16.22	16.43	17.70
		25	25	16.49	16.22	16.42	17.70
		50	0	16.46	16.20	16.45	17.70
	64QAM	1	0	16.52	16.21	16.42	17.70
		1	25	16.44	16.24	16.43	17.70
		1	49	16.45	16.21	16.47	17.70
		25	0	16.52	16.20	16.46	17.70
		25	13	16.50	16.26	16.46	17.70
		25	25	16.52	16.28	16.47	17.70
		50	0	16.48	16.28	16.47	17.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18675	18900	19125	
15MHz	QPSK	1	0	16.51	16.24	16.49	17.70
		1	38	16.44	16.26	16.48	17.70
		1	74	16.49	16.26	16.42	17.70
		36	0	16.52	16.25	16.41	17.70
		36	18	16.51	16.23	16.48	17.70
		36	39	16.46	16.23	16.42	17.70
		75	0	16.47	16.24	16.47	17.70
	16QAM	1	0	16.45	16.23	16.46	17.70

		1	38	16.51	16.24	16.45	17.70
		1	74	16.51	16.22	16.46	17.70
		36	0	16.44	16.28	16.41	17.70
		36	18	16.48	16.27	16.45	17.70
		36	39	16.52	16.20	16.42	17.70
		75	0	16.48	16.25	16.48	17.70
	64QAM	1	0	16.48	16.28	16.48	17.70
		1	38	16.49	16.21	16.42	17.70
		1	74	16.48	16.27	16.41	17.70
		36	0	16.48	16.25	16.47	17.70
		36	18	16.44	16.25	16.46	17.70
		36	39	16.46	16.22	16.44	17.70
		75	0	16.45	16.25	16.48	17.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18700	18900	19100	
20MHz	QPSK	1	0	16.44	16.27	16.42	17.70
		1	50	16.49	16.21	16.43	17.70
		1	99	16.52	16.27	16.42	17.70
		50	0	16.45	16.24	16.48	17.70
		50	25	16.45	16.25	16.43	17.70
		50	50	16.48	16.24	16.47	17.70
		100	0	16.46	16.26	16.45	17.70
	16QAM	1	0	16.44	16.26	16.47	17.70
		1	50	16.51	16.20	16.42	17.70
		1	99	16.52	16.28	16.43	17.70
		50	0	16.49	16.21	16.46	17.70
		50	25	16.45	16.28	16.47	17.70
		50	50	16.46	16.25	16.41	17.70
		100	0	16.49	16.28	16.43	17.70
	64QAM	1	0	16.52	16.25	16.49	17.70
		1	50	16.47	16.24	16.46	17.70
		1	99	16.50	16.21	16.49	17.70
		50	0	16.52	16.24	16.41	17.70
		50	25	16.50	16.27	16.41	17.70
		50	50	16.51	16.27	16.45	17.70
		100	0	16.51	16.28	16.47	17.70

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8 Conducted Power of NR Antenna

8.1 Conducted Power of NR Antenna (Ant0)

N5 State 5				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				166800	167300	167800	
				834	836.5	839	
20MHz	DFT-s-OFDM QPSK	1	1	22.98	23.27	23.14	24.40
		1	53	23.24	23.52	23.45	24.40
		1	104	23.05	23.20	23.13	24.40
		50	0	22.04	22.32	22.12	23.40
		50	28	23.29	23.48	23.29	24.40
		50	56	22.18	22.36	22.18	23.40
		100	0	22.16	22.33	22.19	23.40
	DFT-s-OFDM 16QAM	1	1	21.79	21.78	21.70	23.40
	DFT-s-OFDM 64QAM	1	1	20.81	20.93	20.90	21.90
	DFT-s-OFDM 256QAM	1	1	18.15	18.31	18.16	19.90
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				166800	167300	167800	
20MHz	CP-OFDM QPSK	1	1	21.43	21.64	21.50	22.90
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				166300	167300	168300	
15MHz	DFT-s-OFDM QPSK	1	1	23.20	23.52	23.39	24.40
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				165800	167300	168800	
10MHz	DFT-s-OFDM QPSK	1	1	23.14	23.50	23.44	24.40
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				165300	167300	169300	
5MHz	DFT-s-OFDM QPSK	1	1	23.34	23.45	23.35	24.40

N5 State 3	Conducted Power(dBm)
SCS 15kHz	

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Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				166800	167300	167800	
				834	836.5	839	
20MHz	DFT-s-OFDM QPSK	1	1	22.40	22.71	22.68	23.90
		1	53	22.66	23.06	22.90	23.90
		1	104	22.55	22.64	22.62	23.90
		50	0	21.47	21.85	21.62	22.90
		50	28	22.86	22.99	22.76	23.90
		50	56	21.58	21.77	21.69	22.90
		100	0	21.75	21.75	21.60	22.90
	DFT-s-OFDM 16QAM	1	1	21.30	21.35	21.21	22.90
	DFT-s-OFDM 64QAM	1	1	20.29	20.42	20.41	21.40
	DFT-s-OFDM 256QAM	1	1	17.67	17.72	17.75	19.40
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				166800	167300	167800	
20MHz	CP-OFDM QPSK	1	1	21.00	21.15	21.00	22.40
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				166300	167300	168300	
15MHz	DFT-s-OFDM QPSK	1	1	22.76	23.08	22.88	23.90
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				165800	167300	168800	
10MHz	DFT-s-OFDM QPSK	1	1	22.61	22.94	22.86	23.90
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				165300	167300	169300	
5MHz	DFT-s-OFDM QPSK	1	1	22.87	23.03	22.82	23.90

N5 State 8				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				166800	167300	167800	
				834	836.5	839	
20MHz	DFT-s-OFDM QPSK	1	1	21.15	21.40	21.16	22.40
		1	53	21.45	21.72	21.50	22.40

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		1	104	21.26	21.27	21.33	22.40
		50	0	20.21	20.36	20.31	21.40
		50	28	21.40	21.66	21.32	22.40
		50	56	20.20	20.55	20.38	21.40
		100	0	20.31	20.47	20.20	21.40
	DFT-s-OFDM 16QAM	1	1	19.62	19.83	19.72	21.40
	DFT-s-OFDM 64QAM	1	1	18.96	19.00	18.99	19.90
	DFT-s-OFDM 256QAM	1	1	16.27	16.51	16.33	17.90
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				166800	167300	167800	
20MHz	CP-OFDM QPSK	1	1	19.54	19.81	19.63	20.90
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				166300	167300	168300	
15MHz	DFT-s-OFDM QPSK	1	1	21.24	21.55	21.50	22.40
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				165800	167300	168800	
10MHz	DFT-s-OFDM QPSK	1	1	21.21	21.51	21.59	22.40
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				165300	167300	169300	
5MHz	DFT-s-OFDM QPSK	1	1	21.49	21.50	21.56	22.40

N5 State 10				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				166800	167300	167800	
				834	836.5	839	
20MHz	DFT-s-OFDM QPSK	1	1	22.05	22.22	22.22	23.40
		1	53	22.28	22.48	22.40	23.40
		1	104	22.03	22.22	22.06	23.40
		50	0	21.08	21.30	21.18	22.40
		50	28	22.26	22.38	22.37	23.40
		50	56	21.16	21.40	21.08	22.40
		100	0	21.08	21.33	21.28	22.40

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	DFT-s-OFDM 16QAM	1	1	20.50	20.78	20.72	22.40
	DFT-s-OFDM 64QAM	1	1	19.78	19.92	19.81	20.90
	DFT-s-OFDM 256QAM	1	1	17.25	17.29	17.20	18.90
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				166800	167300	167800	
20MHz	CP-OFDM QPSK	1	1	20.50	20.59	20.49	21.90
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				166300	167300	168300	
15MHz	DFT-s-OFDM QPSK	1	1	22.18	22.57	22.43	23.40
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				165800	167300	168800	
10MHz	DFT-s-OFDM QPSK	1	1	22.06	22.48	22.37	23.40
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				165300	167300	169300	
5MHz	DFT-s-OFDM QPSK	1	1	22.31	22.42	22.39	23.40

N12 State 3/5/8/10				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				141300	141500	141700	
				706.5	707.5	708.5	
15MHz	DFT-s-OFDM QPSK	1	1	23.34	23.08	23.37	24.40
		1	40	23.80	23.42	23.70	24.40
		1	77	23.62	23.35	23.63	24.40
		36	0	22.74	22.51	22.73	23.40
		36	22	23.63	23.37	23.66	24.40
		36	43	22.73	22.35	22.73	23.40
		75	0	22.76	22.46	22.67	23.40
	DFT-s-OFDM 16QAM	1	1	22.32	21.97	22.27	23.40
	DFT-s-OFDM 64QAM	1	1	21.02	20.69	21.04	21.90

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	DFT-s-OFDM 256QAM	1	1	19.00	18.72	19.03	19.90
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				141300	141500	141700	
15MHz	CP-OFDM QPSK	1	1	21.70	21.49	21.86	22.90
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				140800	141500	142200	
10MHz	DFT-s-OFDM QPSK	1	1	23.72	23.38	23.76	24.40
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				140300	141500	142700	
5MHz	DFT-s-OFDM QPSK	1	1	23.84	23.36	23.61	24.40

N26 State 3/5				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				164800	166300	167800	
				824	831.5	839	
20MHz	DFT-s-OFDM QPSK	1	1	23.39	23.44	23.45	24.40
		1	53	23.46	23.42	23.46	24.40
		1	104	23.35	23.27	23.24	24.40
		50	0	22.37	22.45	22.36	23.40
		50	28	23.44	23.54	23.45	24.40
		50	56	22.44	22.43	22.46	23.40
		100	0	22.51	22.57	22.51	23.40
	DFT-s-OFDM 16QAM	1	1	22.71	22.79	22.80	23.40
	DFT-s-OFDM 64QAM	1	1	21.19	21.29	21.22	21.90
	DFT-s-OFDM 256QAM	1	1	18.74	18.75	18.85	19.90
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				164800	166300	167800	
20MHz	CP-OFDM QPSK	1	1	21.97	21.91	21.81	22.90
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				164300	166300	168300	

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15MHz	DFT-s-OFDM QPSK	1	1	23.42	23.52	23.55	24.40
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				163800	166300	168800	
10MHz	DFT-s-OFDM QPSK	1	1	23.44	23.34	23.42	24.40
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				163300	166300	169300	
5MHz	DFT-s-OFDM QPSK	1	1	23.54	23.45	23.40	24.40

N26 State 8				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				164800	166300	167800	
				824	831.5	839	
20MHz	DFT-s-OFDM QPSK	1	1	21.96	21.98	22.03	22.90
		1	53	22.04	21.98	22.04	22.90
		1	104	22.03	21.87	21.74	22.90
		50	0	20.92	21.04	20.93	21.90
		50	28	22.07	22.10	22.01	22.90
		50	56	21.14	20.98	21.07	21.90
		100	0	21.07	21.08	21.08	21.90
	DFT-s-OFDM 16QAM	1	1	21.37	21.30	21.45	21.90
	DFT-s-OFDM 64QAM	1	1	19.72	19.89	19.76	20.40
	DFT-s-OFDM 256QAM	1	1	17.34	17.26	17.47	18.40
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				164800	166300	167800	
20MHz	CP-OFDM QPSK	1	1	20.63	20.54	20.48	21.40
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				164300	166300	168300	
15MHz	DFT-s-OFDM QPSK	1	1	21.97	22.05	22.22	22.90
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				163800	166300	168800	
10MHz	DFT-s-OFDM QPSK	1	1	22.06	21.89	21.96	22.90

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				163300	166300	169300	
5MHz	DFT-s-OFDM QPSK	1	1	22.22	21.98	21.94	22.90

N26 State 10				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				164800	166300	167800	
				824	831.5	839	
20MHz	DFT-s-OFDM QPSK	1	1	22.87	22.93	23.02	23.90
		1	53	22.90	22.94	22.97	23.90
		1	104	22.85	22.70	22.64	23.90
		50	0	21.89	21.90	21.92	22.90
		50	28	23.02	22.99	22.99	23.90
		50	56	21.91	21.93	21.91	22.90
		100	0	21.92	22.15	21.96	22.90
	DFT-s-OFDM 16QAM	1	1	22.16	22.32	22.25	22.90
	DFT-s-OFDM 64QAM	1	1	20.74	20.87	20.80	21.40
	DFT-s-OFDM 256QAM	1	1	18.21	18.26	18.42	19.40
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				164800	166300	167800	
20MHz	CP-OFDM QPSK	1	1	21.49	21.48	21.31	22.40
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				164300	166300	168300	
15MHz	DFT-s-OFDM QPSK	1	1	22.85	23.00	23.07	23.90
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				163800	166300	168800	
10MHz	DFT-s-OFDM QPSK	1	1	23.04	22.87	22.86	23.90
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				163300	166300	169300	
5MHz	DFT-s-OFDM QPSK	1	1	23.13	23.01	22.88	23.90

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8.2 Conducted Power of NR Antenna (Ant1)

N5 State 3/5				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				166800	167300	167800	
				834	836.5	839	
20MHz	DFT-s-OFDM QPSK	1	1	22.49	22.64	22.58	23.50
		1	53	22.67	22.85	22.84	23.50
		1	104	22.53	22.62	22.64	23.50
		50	0	21.54	21.66	21.57	22.50
		50	28	22.71	22.85	22.86	23.50
		50	56	21.52	21.72	21.68	22.50
		100	0	21.57	21.69	21.63	22.50
	DFT-s-OFDM 16QAM	1	1	21.44	21.49	21.56	22.50
	DFT-s-OFDM 64QAM	1	1	19.86	20.08	20.04	21.00
	DFT-s-OFDM 256QAM	1	1	17.61	17.80	17.70	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				166800	167300	167800	
20MHz	CP-OFDM QPSK	1	1	20.75	20.95	20.87	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				166300	167300	168300	
15MHz	DFT-s-OFDM QPSK	1	1	22.66	22.81	22.93	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				165800	167300	168800	
10MHz	DFT-s-OFDM QPSK	1	1	22.70	22.93	22.92	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				165300	167300	169300	
5MHz	DFT-s-OFDM QPSK	1	1	22.57	22.76	22.81	23.50

N5 State 8				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up

				166800	167300	167800	
				834	836.5	839	
20MHz	DFT-s-OFDM QPSK	1	1	21.07	21.23	21.05	22.00
		1	53	21.15	21.31	21.36	22.00
		1	104	20.94	21.16	21.14	22.00
		50	0	20.11	20.25	20.16	21.00
		50	28	21.11	21.30	21.28	22.00
		50	56	20.01	20.20	20.14	21.00
		100	0	19.97	20.18	20.06	21.00
	DFT-s-OFDM 16QAM	1	1	20.01	19.93	20.16	21.00
	DFT-s-OFDM 64QAM	1	1	18.28	18.53	18.47	19.50
	DFT-s-OFDM 256QAM	1	1	16.12	16.25	16.16	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				166800	167300	167800	
20MHz	CP-OFDM QPSK	1	1	19.30	19.52	19.35	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				166300	167300	168300	
15MHz	DFT-s-OFDM QPSK	1	1	21.16	21.33	21.51	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				165800	167300	168800	
10MHz	DFT-s-OFDM QPSK	1	1	21.11	21.38	21.49	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				165300	167300	169300	
5MHz	DFT-s-OFDM QPSK	1	1	21.13	21.35	21.24	22.00

N5 State 10				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				166800	167300	167800	
				834	836.5	839	
20MHz	DFT-s-OFDM QPSK	1	1	21.52	21.74	21.58	22.50
		1	53	21.57	21.92	21.78	22.50
		1	104	21.56	21.63	21.60	22.50

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		50	0	20.62	20.60	20.56	21.50
		50	28	21.64	21.95	21.79	22.50
		50	56	20.43	20.62	20.75	21.50
		100	0	20.67	20.71	20.54	21.50
	DFT-s-OFDM 16QAM	1	1	20.44	20.54	20.51	21.50
	DFT-s-OFDM 64QAM	1	1	18.93	19.11	19.03	20.00
	DFT-s-OFDM 256QAM	1	1	16.58	16.85	16.63	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				166800	167300	167800	
20MHz	CP-OFDM QPSK	1	1	19.74	19.89	19.96	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				166300	167300	168300	
15MHz	DFT-s-OFDM QPSK	1	1	21.63	21.78	21.99	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				165800	167300	168800	
10MHz	DFT-s-OFDM QPSK	1	1	21.71	21.85	22.00	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				165300	167300	169300	
5MHz	DFT-s-OFDM QPSK	1	1	21.66	21.78	21.73	22.50

N12 State 3/5/10				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				141300	141500	141700	
				706.5	707.5	708.5	
15MHz	DFT-s-OFDM QPSK	1	1	23.95	23.91	23.93	25.00
		1	40	23.89	23.92	23.87	25.00
		1	77	23.85	23.85	23.83	25.00
		36	0	22.98	23.06	23.08	24.00
		36	22	23.99	23.91	23.94	25.00
		36	43	22.90	22.80	22.72	24.00
		75	0	22.88	22.95	23.05	24.00

	DFT-s-OFDM 16QAM	1	1	23.21	23.27	23.27	24.00
	DFT-s-OFDM 64QAM	1	1	21.57	21.52	21.50	22.50
	DFT-s-OFDM 256QAM	1	1	19.32	19.25	19.15	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				141300	141500	141700	
15MHz	CP-OFDM QPSK	1	1	22.39	22.40	22.40	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				140800	141500	142200	
10MHz	DFT-s-OFDM QPSK	1	1	24.02	23.82	23.99	25.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				140300	141500	142700	
5MHz	DFT-s-OFDM QPSK	1	1	24.03	24.01	23.91	25.00

N12 State 8				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				141300	141500	141700	
				706.5	707.5	708.5	
15MHz	DFT-s-OFDM QPSK	1	1	22.97	22.92	23.06	24.00
		1	40	22.92	22.92	22.91	24.00
		1	77	22.98	22.83	22.92	24.00
		36	0	22.08	22.18	22.06	23.00
		36	22	23.11	22.90	23.07	24.00
		36	43	22.03	21.91	21.84	23.00
		75	0	21.99	22.05	22.17	23.00
	DFT-s-OFDM 16QAM	1	1	22.30	22.38	22.29	23.00
	DFT-s-OFDM 64QAM	1	1	20.58	20.64	20.58	21.50
	DFT-s-OFDM 256QAM	1	1	18.44	18.35	18.26	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				141300	141500	141700	

15MHz	CP-OFDM QPSK	1	1	21.37	21.54	21.49	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				140800	141500	142200	
10MHz	DFT-s-OFDM QPSK	1	1	23.09	22.83	23.09	24.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				140300	141500	142700	
5MHz	DFT-s-OFDM QPSK	1	1	23.18	23.09	22.95	24.00

N26 State 3				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				164800	166300	167800	
				824	831.5	839	
20MHz	DFT-s-OFDM QPSK	1	1	22.75	22.86	22.87	23.50
		1	53	22.77	22.84	22.79	23.50
		1	104	22.70	22.78	22.78	23.50
		50	0	21.91	21.94	21.88	22.50
		50	28	22.88	22.92	22.94	23.50
		50	56	21.89	21.86	21.87	22.50
		100	0	21.93	21.92	21.83	22.50
	DFT-s-OFDM 16QAM	1	1	21.86	21.80	21.76	22.50
	DFT-s-OFDM 64QAM	1	1	20.72	20.62	20.63	21.00
	DFT-s-OFDM 256QAM	1	1	18.08	18.13	18.13	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				164800	166300	167800	
20MHz	CP-OFDM QPSK	1	1	21.38	21.37	21.39	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				164300	166300	168300	
15MHz	DFT-s-OFDM QPSK	1	1	22.79	22.92	22.92	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				163800	166300	168800	

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10MHz	DFT-s-OFDM QPSK	1	1	22.71	22.95	22.89	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				163300	166300	169300	
5MHz	DFT-s-OFDM QPSK	1	1	22.71	22.76	22.83	23.50

N26 State 5				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				164800	166300	167800	
				824	831.5	839	
20MHz	DFT-s-OFDM QPSK	1	1	23.15	23.37	23.39	24.00
		1	53	23.35	23.38	23.22	24.00
		1	104	23.11	23.31	23.18	24.00
		50	0	22.39	22.45	22.42	23.00
		50	28	23.44	23.45	23.54	24.00
		50	56	22.48	22.30	22.38	23.00
		100	0	22.40	22.47	22.39	23.00
	DFT-s-OFDM 16QAM	1	1	22.42	22.20	22.20	23.00
	DFT-s-OFDM 64QAM	1	1	21.19	21.19	21.22	21.50
	DFT-s-OFDM 256QAM	1	1	18.49	18.57	18.69	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				164800	166300	167800	
20MHz	CP-OFDM QPSK	1	1	21.93	21.87	21.83	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				164300	166300	168300	
15MHz	DFT-s-OFDM QPSK	1	1	23.19	23.45	23.37	24.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				163800	166300	168800	
10MHz	DFT-s-OFDM QPSK	1	1	23.18	23.47	23.43	24.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				163300	166300	169300	

5MHz	DFT-s-OFDM QPSK	1	1	23.15	23.19	23.34	24.00

N26 State 8				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				164800	166300	167800	
				824	831.5	839	
20MHz	DFT-s-OFDM QPSK	1	1	21.14	21.28	21.34	22.00
		1	53	21.34	21.35	21.16	22.00
		1	104	21.16	21.40	21.18	22.00
		50	0	20.30	20.44	20.35	21.00
		50	28	21.44	21.53	21.59	22.00
		50	56	20.52	20.30	20.37	21.00
		100	0	20.46	20.49	20.40	21.00
	DFT-s-OFDM 16QAM	1	1	20.34	20.16	20.25	21.00
	DFT-s-OFDM 64QAM	1	1	19.11	19.28	19.15	19.50
	DFT-s-OFDM 256QAM	1	1	16.51	16.67	16.73	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				164800	166300	167800	
20MHz	CP-OFDM QPSK	1	1	19.89	19.80	19.80	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				164300	166300	168300	
15MHz	DFT-s-OFDM QPSK	1	1	21.10	21.39	21.37	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				163800	166300	168800	
10MHz	DFT-s-OFDM QPSK	1	1	21.28	21.49	21.52	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				163300	166300	169300	
5MHz	DFT-s-OFDM QPSK	1	1	21.09	21.12	21.32	22.00

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N26 State 10				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				164800	166300	167800	
				824	831.5	839	
20MHz	DFT-s-OFDM QPSK	1	1	22.13	22.27	22.39	23.00
		1	53	22.34	22.27	22.09	23.00
		1	104	22.07	22.49	22.26	23.00
		50	0	21.22	21.51	21.44	22.00
		50	28	22.41	22.51	22.55	23.00
		50	56	21.57	21.31	21.34	22.00
		100	0	21.47	21.41	21.30	22.00
	DFT-s-OFDM 16QAM	1	1	21.34	21.16	21.27	22.00
	DFT-s-OFDM 64QAM	1	1	20.06	20.38	20.13	20.50
	DFT-s-OFDM 256QAM	1	1	17.45	17.59	17.64	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				164800	166300	167800	
20MHz	CP-OFDM QPSK	1	1	20.96	20.74	20.82	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				164300	166300	168300	
15MHz	DFT-s-OFDM QPSK	1	1	22.12	22.45	22.44	23.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				163800	166300	168800	
10MHz	DFT-s-OFDM QPSK	1	1	22.18	22.57	22.60	23.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				163300	166300	169300	
5MHz	DFT-s-OFDM QPSK	1	1	22.06	22.04	22.23	23.00

8.3 Conducted Power of NR Antenna (Ant3)

N2 State 3				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				372000	376000	380000	
				1860	1880	1900	
20MHz	DFT-s-OFDM QPSK	1	1	20.13	20.08	20.11	20.90
		1	53	19.99	20.07	20.08	20.90
		1	104	20.11	20.10	20.18	20.90
		50	0	18.96	19.04	19.04	19.90
		50	28	20.09	20.04	19.96	20.90
		50	56	19.01	19.07	19.15	19.90
		100	0	19.08	19.05	19.13	19.90
	DFT-s-OFDM 16QAM	1	1	19.13	19.13	19.10	19.90
	DFT-s-OFDM 64QAM	1	1	17.89	17.85	17.87	18.40
	DFT-s-OFDM 256QAM	1	1	15.41	15.47	15.41	16.40
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				372000	376000	38000	
20MHz	CP-OFDM QPSK	1	1	18.59	18.55	18.59	19.40
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				371500	376000	380500	
15MHz	DFT-s-OFDM QPSK	1	1	20.22	20.07	20.02	20.90
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				371000	376000	381000	
10MHz	DFT-s-OFDM QPSK	1	1	20.13	20.06	20.19	20.90
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				370500	376000	381500	
5MHz	DFT-s-OFDM QPSK	1	1	20.19	20.11	20.05	20.90

N2 State 5				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				372000	376000	380000	

				1860	1880	1900	
20MHz	DFT-s-OFDM QPSK	1	1	18.09	18.12	18.10	18.90
		1	53	17.89	18.14	18.01	18.90
		1	104	18.14	18.00	18.18	18.90
		50	0	16.92	17.10	17.00	17.90
		50	28	18.12	18.05	18.00	18.90
		50	56	16.93	17.16	17.10	17.90
		100	0	17.01	17.06	17.14	17.90
	DFT-s-OFDM 16QAM	1	1	17.03	17.19	17.14	17.90
	DFT-s-OFDM 64QAM	1	1	15.79	15.80	15.89	16.40
	DFT-s-OFDM 256QAM	1	1	13.43	13.43	13.35	14.40
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				372000	376000	38000	
20MHz	CP-OFDM QPSK	1	1	16.49	16.49	16.64	17.40
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				371500	376000	380500	
15MHz	DFT-s-OFDM QPSK	1	1	18.26	17.99	18.12	18.90
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				371000	376000	381000	
10MHz	DFT-s-OFDM QPSK	1	1	18.04	18.10	18.23	18.90
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				370500	376000	381500	
5MHz	DFT-s-OFDM QPSK	1	1	18.11	18.05	18.13	18.90

N2 State 8				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				372000	376000	380000	
				1860	1880	1900	
20MHz	DFT-s-OFDM QPSK	1	1	18.63	18.67	18.53	19.40
		1	53	18.46	18.61	18.48	19.40
		1	104	18.61	18.43	18.63	19.40
		50	0	17.40	17.54	17.57	18.40

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		50	28	18.56	18.52	18.42	19.40
		50	56	17.34	17.71	17.56	18.40
		100	0	17.43	17.57	17.72	18.40
	DFT-s-OFDM 16QAM	1	1	17.59	17.69	17.59	18.40
	DFT-s-OFDM 64QAM	1	1	16.27	16.37	16.31	16.90
	DFT-s-OFDM 256QAM	1	1	13.92	13.98	13.91	14.90
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				372000	376000	38000	
20MHz	CP-OFDM QPSK	1	1	17.01	17.07	17.04	17.90
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				371500	376000	380500	
15MHz	DFT-s-OFDM QPSK	1	1	18.86	18.40	18.67	19.40
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				371000	376000	381000	
10MHz	DFT-s-OFDM QPSK	1	1	18.56	18.61	18.68	19.40
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				370500	376000	381500	
5MHz	DFT-s-OFDM QPSK	1	1	18.55	18.60	18.61	19.40

N2 State 10				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				372000	376000	380000	
				1860	1880	1900	
20MHz	DFT-s-OFDM QPSK	1	1	17.17	17.16	17.01	17.90
		1	53	17.02	17.14	17.18	17.90
		1	104	17.06	17.00	17.10	17.90
		50	0	16.04	16.12	16.00	16.90
		50	28	17.04	17.11	16.97	17.90
		50	56	15.91	16.00	16.18	16.90
		100	0	16.11	16.00	16.08	16.90
	DFT-s-OFDM 16QAM	1	1	16.06	16.21	16.06	16.90

	DFT-s-OFDM 64QAM	1	1	14.90	14.92	14.87	15.40
	DFT-s-OFDM 256QAM	1	1	12.41	12.47	12.41	13.40
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				372000	376000	38000	
20MHz	CP-OFDM QPSK	1	1	15.57	15.63	15.58	16.40
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				371500	376000	380500	
15MHz	DFT-s-OFDM QPSK	1	1	17.13	17.16	16.96	17.90
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				371000	376000	381000	
10MHz	DFT-s-OFDM QPSK	1	1	17.13	16.96	17.11	17.90
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				370500	376000	381500	
5MHz	DFT-s-OFDM QPSK	1	1	17.10	17.09	16.96	17.90

N7 State 3				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				505000	507000	509000	
				2525	2535	2545	
50MHz	DFT-s-OFDM QPSK	1	1	19.68	19.58	19.55	20.50
		1	135	19.64	19.60	19.53	20.50
		1	268	19.35	19.45	19.36	20.50
		135	0	18.77	18.68	18.75	19.50
		135	67	19.74	19.67	19.77	20.50
		135	135	18.65	18.66	18.73	19.50
		270	0	18.59	18.59	18.61	19.50
	DFT-s-OFDM 16QAM	1	1	18.48	18.54	18.56	19.50
	DFT-s-OFDM 64QAM	1	1	17.29	17.22	17.17	18.00
	DFT-s-OFDM 256QAM	1	1	14.98	14.90	14.87	16.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up

				505000	507000	509000	
50MHz	CP-OFDM QPSK	1	1	18.06	18.05	18.12	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				504000	507000	510000	
40MHz	DFT-s-OFDM QPSK	1	1	19.67	19.54	19.48	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				503000	507000	511000	
30MHz	DFT-s-OFDM QPSK	1	1	19.64	19.50	19.45	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				502500	507000	511500	
25MHz	DFT-s-OFDM QPSK	1	1	19.71	19.62	19.65	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				502000	507000	512000	
20MHz	DFT-s-OFDM QPSK	1	1	19.58	19.66	19.57	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				501500	507000	512500	
15MHz	DFT-s-OFDM QPSK	1	1	19.59	19.53	19.46	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				501000	507000	513000	
10MHz	DFT-s-OFDM QPSK	1	1	19.69	19.59	19.53	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				500500	507000	513500	
5MHz	DFT-s-OFDM QPSK	1	1	19.70	19.49	19.56	20.50

N7 State 5				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				505000	507000	509000	
				2525	2535	2545	
50MHz	DFT-s-OFDM QPSK	1	1	16.76	16.62	16.66	17.50
		1	135	16.61	16.57	16.44	17.50
		1	268	16.45	16.43	16.34	17.50

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		135	0	15.84	15.82	15.89	16.50
		135	67	16.86	16.69	16.83	17.50
		135	135	15.74	15.73	15.77	16.50
		270	0	15.61	15.59	15.63	16.50
	DFT-s-OFDM 16QAM	1	1	15.47	15.60	15.72	16.50
	DFT-s-OFDM 64QAM	1	1	14.41	14.33	14.22	15.00
	DFT-s-OFDM 256QAM	1	1	12.00	11.87	11.88	13.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				505000	507000	509000	
50MHz	CP-OFDM QPSK	1	1	14.98	15.00	15.07	16.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				504000	507000	510000	
40MHz	DFT-s-OFDM QPSK	1	1	16.73	16.45	16.47	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				503000	507000	511000	
30MHz	DFT-s-OFDM QPSK	1	1	16.62	16.40	16.44	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				502500	507000	511500	
25MHz	DFT-s-OFDM QPSK	1	1	16.74	16.70	16.60	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				502000	507000	512000	
20MHz	DFT-s-OFDM QPSK	1	1	16.53	16.68	16.56	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				501500	507000	512500	
15MHz	DFT-s-OFDM QPSK	1	1	16.64	16.63	16.44	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				501000	507000	513000	
10MHz	DFT-s-OFDM QPSK	1	1	16.69	16.76	16.58	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				500500	507000	513500	

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5MHz	DFT-s-OFDM QPSK	1	1	16.73	16.62	16.69	17.50

N7 State 8				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				505000	507000	509000	
				2525	2535	2545	
50MHz	DFT-s-OFDM QPSK	1	1	18.31	18.24	18.25	19.00
		1	135	18.36	18.15	18.12	19.00
		1	268	17.91	18.02	17.99	19.00
		135	0	17.35	17.21	17.43	18.00
		135	67	18.40	18.36	18.32	19.00
		135	135	17.37	17.24	17.45	18.00
		270	0	17.12	17.23	17.32	18.00
	DFT-s-OFDM 16QAM	1	1	17.21	17.16	17.15	18.00
	DFT-s-OFDM 64QAM	1	1	15.82	15.87	15.86	16.50
	DFT-s-OFDM 256QAM	1	1	13.65	13.48	13.56	14.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				505000	507000	509000	
50MHz	CP-OFDM QPSK	1	1	16.67	16.71	16.65	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				504000	507000	510000	
40MHz	DFT-s-OFDM QPSK	1	1	18.25	18.22	18.16	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				503000	507000	511000	
30MHz	DFT-s-OFDM QPSK	1	1	18.36	18.21	18.00	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				502500	507000	511500	
25MHz	DFT-s-OFDM QPSK	1	1	18.26	18.19	18.20	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				502000	507000	512000	

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20MHz	DFT-s-OFDM QPSK	1	1	18.28	18.25	18.28	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				501500	507000	512500	
15MHz	DFT-s-OFDM QPSK	1	1	18.13	18.16	18.09	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				501000	507000	513000	
10MHz	DFT-s-OFDM QPSK	1	1	18.33	18.27	18.18	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				500500	507000	513500	
5MHz	DFT-s-OFDM QPSK	1	1	18.38	18.20	18.23	19.00

N7 State 10				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				505000	507000	509000	
				2525	2535	2545	
50MHz	DFT-s-OFDM QPSK	1	1	15.67	15.54	15.59	16.50
		1	135	15.66	15.53	15.61	16.50
		1	268	15.30	15.52	15.33	16.50
		135	0	14.87	14.67	14.86	15.50
		135	67	15.75	15.62	15.78	16.50
		135	135	14.65	14.70	14.68	15.50
		270	0	14.52	14.53	14.55	15.50
	DFT-s-OFDM 16QAM	1	1	14.44	14.65	14.63	15.50
	DFT-s-OFDM 64QAM	1	1	13.34	13.11	13.08	14.00
	DFT-s-OFDM 256QAM	1	1	11.07	10.98	10.87	12.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				505000	507000	509000	
50MHz	CP-OFDM QPSK	1	1	14.01	13.99	14.15	15.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				504000	507000	510000	

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40MHz	DFT-s-OFDM QPSK	1	1	15.76	15.65	15.42	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				503000	507000	511000	
30MHz	DFT-s-OFDM QPSK	1	1	15.56	15.58	15.45	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				502500	507000	511500	
25MHz	DFT-s-OFDM QPSK	1	1	15.59	15.65	15.60	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				502000	507000	512000	
20MHz	DFT-s-OFDM QPSK	1	1	15.65	15.63	15.56	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				501500	507000	512500	
15MHz	DFT-s-OFDM QPSK	1	1	15.62	15.46	15.52	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				501000	507000	513000	
10MHz	DFT-s-OFDM QPSK	1	1	15.73	15.69	15.66	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				500500	507000	513500	
5MHz	DFT-s-OFDM QPSK	1	1	15.73	15.47	15.51	16.50

N38 State 3				Conducted Power(dBm)			
SCS 30kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				518000	519000	520000	
				2590	2595	2600	
40MHz	DFT-s-OFDM QPSK	1	1	20.34	20.24	20.46	21.50
		1	53	20.33	20.35	20.16	21.50
		1	104	20.21	20.13	20.02	21.50
		50	0	19.09	19.23	19.28	20.50
		50	28	20.11	20.20	20.18	21.50
		50	56	19.06	19.09	18.96	20.50
		100	0	19.18	19.10	19.27	20.50

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	DFT-s-OFDM 16QAM	1	1	19.19	19.24	19.29	20.50
	DFT-s-OFDM 64QAM	1	1	17.94	18.02	18.00	19.00
	DFT-s-OFDM 256QAM	1	1	15.63	15.77	15.82	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				518000	519000	520000	
40MHz	CP-OFDM QPSK	1	1	18.60	18.70	18.73	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				517000	519000	521000	
30MHz	DFT-s-OFDM QPSK	1	1	20.40	20.38	20.40	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				516000	519000	522000	
20MHz	DFT-s-OFDM QPSK	1	1	20.39	20.42	20.22	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				515500	519000	522500	
15MHz	DFT-s-OFDM QPSK	1	1	20.31	20.30	20.53	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				515000	519000	523000	
10MHz	DFT-s-OFDM QPSK	1	1	20.41	20.16	20.35	21.50

N38 State 5				Conducted Power(dBm)			
SCS 30kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				518000	519000	520000	
				2590	2595	2600	
40MHz	DFT-s-OFDM QPSK	1	1	16.21	15.96	15.82	17.00
		1	53	15.82	15.78	15.74	17.00
		1	104	15.71	15.75	15.55	17.00
		50	0	14.76	14.87	14.69	16.00
		50	28	15.87	15.61	15.77	17.00
		50	56	14.72	14.72	14.84	16.00
		100	0	14.93	14.69	14.96	16.00

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	DFT-s-OFDM 16QAM	1	1	14.62	14.80	14.84	16.00
	DFT-s-OFDM 64QAM	1	1	13.76	13.58	13.71	14.50
	DFT-s-OFDM 256QAM	1	1	11.29	11.39	11.36	12.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				518000	519000	520000	
40MHz	CP-OFDM QPSK	1	1	14.24	14.20	14.37	15.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				517000	519000	521000	
30MHz	DFT-s-OFDM QPSK	1	1	16.03	16.00	15.83	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				516000	519000	522000	
20MHz	DFT-s-OFDM QPSK	1	1	15.99	15.97	15.96	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				515500	519000	522500	
15MHz	DFT-s-OFDM QPSK	1	1	16.07	16.06	16.02	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				515000	519000	523000	
10MHz	DFT-s-OFDM QPSK	1	1	16.09	15.88	16.00	17.00

N38 State 8				Conducted Power(dBm)			
SCS 30kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				518000	519000	520000	
				2590	2595	2600	
40MHz	DFT-s-OFDM QPSK	1	1	19.02	18.89	18.99	20.00
		1	53	18.77	18.87	18.72	20.00
		1	104	18.75	18.77	18.76	20.00
		50	0	17.73	17.71	17.70	19.00
		50	28	18.74	18.73	18.82	20.00
		50	56	17.85	17.62	17.61	19.00
		100	0	17.93	17.82	17.60	19.00

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	DFT-s-OFDM 16QAM	1	1	17.75	17.77	18.02	19.00
	DFT-s-OFDM 64QAM	1	1	16.48	16.56	16.56	17.50
	DFT-s-OFDM 256QAM	1	1	14.18	14.38	14.32	15.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				518000	519000	520000	
40MHz	CP-OFDM QPSK	1	1	17.25	17.28	17.37	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				517000	519000	521000	
30MHz	DFT-s-OFDM QPSK	1	1	19.26	18.80	18.78	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				516000	519000	522000	
20MHz	DFT-s-OFDM QPSK	1	1	18.91	19.10	18.84	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				515500	519000	522500	
15MHz	DFT-s-OFDM QPSK	1	1	18.95	18.92	19.07	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				515000	519000	523000	
10MHz	DFT-s-OFDM QPSK	1	1	18.82	18.86	18.88	20.00

N38 State 10				Conducted Power(dBm)			
SCS 30kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				518000	519000	520000	
				2590	2595	2600	
40MHz	DFT-s-OFDM QPSK	1	1	14.94	14.96	14.86	16.00
		1	53	14.73	14.98	14.83	16.00
		1	104	14.85	14.72	14.63	16.00
		50	0	13.64	13.75	13.85	15.00
		50	28	14.70	14.65	14.80	16.00
		50	56	13.71	13.67	13.50	15.00
		100	0	13.80	13.73	13.69	15.00

	DFT-s-OFDM 16QAM	1	1	13.74	13.70	13.93	15.00
	DFT-s-OFDM 64QAM	1	1	12.61	12.57	12.57	13.50
	DFT-s-OFDM 256QAM	1	1	10.31	10.26	10.27	11.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				518000	519000	520000	
40MHz	CP-OFDM QPSK	1	1	13.14	13.22	13.24	14.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				517000	519000	521000	
30MHz	DFT-s-OFDM QPSK	1	1	15.07	14.93	14.93	16.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				516000	519000	522000	
20MHz	DFT-s-OFDM QPSK	1	1	14.83	14.99	15.04	16.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				515500	519000	522500	
15MHz	DFT-s-OFDM QPSK	1	1	14.94	14.99	15.02	16.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				515000	519000	523000	
10MHz	DFT-s-OFDM QPSK	1	1	15.02	14.82	14.79	16.00

N41 PC2 State 3				Conducted Power(dBm)					
SCS 30kHz									
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				509202	513900	518598	523302	528000	
				2546.01	2569.5	2592.99	2616.51	2640	
100MHz	DFT-s-OFDM QPSK	1	1	20.65	20.63	20.69	20.68	20.59	21.70
		1	137	20.44	20.57	20.49	20.40	20.57	21.70
		1	271	20.33	20.34	20.41	20.42	20.35	21.70
		135	0	17.03	17.14	17.11	17.02	17.18	18.20
		135	69	20.55	20.58	20.58	**20.56**	20.58	21.70
		135	138	17.03	16.98	16.97	17.04	16.88	18.20
		270	0	19.61	19.50	19.55	19.55	19.46	20.70

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	DFT-s-OFDM 16QAM	1	1	19.95	19.99	20.00	20.07	20.00	20.70
	DFT-s-OFDM 64QAM	1	1	18.39	18.36	18.46	18.40	18.45	19.20
	DFT-s-OFDM 256QAM	1	1	16.12	16.24	16.16	16.14	16.15	17.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				509202	513900	518598	523302	528000	
100MHz	CP-OFDM QPSK	1	1	19.20	19.35	19.28	19.33	19.38	20.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				508200	513402	518598	523800	528996	
90MHz	DFT-s-OFDM QPSK	1	1	20.58	20.69	20.62	20.63	20.68	21.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				507204	512904	518598	524298	529998	
80MHz	DFT-s-OFDM QPSK	1	1	20.72	20.59	20.71	20.74	20.61	21.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				506202	512403	518598	524799	530997	
70MHz	DFT-s-OFDM QPSK	1	1	20.58	20.70	20.78	20.64	20.60	21.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				505200	511902	518598	525300	531996	
60MHz	DFT-s-OFDM QPSK	1	1	20.68	20.61	20.68	20.63	20.65	21.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				504204	511404	518598	525798	532998	
50MHz	DFT-s-OFDM QPSK	1	1	20.64	20.68	20.67	20.70	20.53	21.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				503202	510900	518598	526302	534000	
40MHz	DFT-s-OFDM QPSK	1	1	20.67	20.59	20.75	20.62	20.51	21.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				502200	510402	518598	526800	534996	
30MHz	DFT-s-OFDM QPSK	1	1	20.65	20.57	20.71	20.68	20.67	21.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				501204	509904	518598	527298	535998	

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20MHz	DFT-s-OFDM QPSK	1	1	20.57	20.64	20.71	20.74	20.52	21.70

N41 PC2 State 5				Conducted Power(dBm)					
SCS 30kHz									
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				509202	513900	518598	523302	528000	
				2546.01	2569.5	2592.99	2616.51	2640	
100MHz	DFT-s-OFDM QPSK	1	1	16.13	16.16	16.08	16.03	16.09	17.20
		1	137	15.90	15.98	15.90	15.78	16.01	17.20
		1	271	15.82	15.85	15.85	15.85	15.79	17.20
		135	0	12.38	12.48	12.59	12.50	12.74	13.70
		135	69	16.01	16.22	15.94	**15.96**	15.99	17.20
		135	138	12.37	12.36	12.50	12.40	12.31	13.70
		270	0	15.05	14.92	15.02	14.99	14.84	16.20
	DFT-s-OFDM 16QAM	1	1	15.37	15.40	15.37	15.64	15.49	16.20
	DFT-s-OFDM 64QAM	1	1	13.93	13.89	13.83	13.91	13.94	14.70
	DFT-s-OFDM 256QAM	1	1	11.64	11.69	11.67	11.64	11.62	12.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				509202	513900	518598	523302	528000	
100MHz	CP-OFDM QPSK	1	1	14.60	14.76	14.68	14.66	14.79	15.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				508200	513402	518598	523800	528996	
90MHz	DFT-s-OFDM QPSK	1	1	16.08	16.22	16.05	16.09	16.13	17.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				507204	512904	518598	524298	529998	
80MHz	DFT-s-OFDM QPSK	1	1	16.21	16.12	16.23	16.11	16.09	17.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				506202	512403	518598	524799	530997	
70MHz	DFT-s-OFDM QPSK	1	1	15.95	16.17	16.16	16.03	16.03	17.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				505200	511902	518598	525300	531996	

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60MHz	DFT-s-OFDM QPSK	1	1	16.26	16.06	16.11	16.05	16.04	17.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				504204	511404	518598	525798	532998	
50MHz	DFT-s-OFDM QPSK	1	1	16.04	16.19	16.19	16.14	15.98	17.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				503202	510900	518598	526302	534000	
40MHz	DFT-s-OFDM QPSK	1	1	16.10	16.02	16.18	16.15	15.87	17.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				502200	510402	518598	526800	534996	
30MHz	DFT-s-OFDM QPSK	1	1	16.07	15.96	16.16	16.25	16.09	17.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				501204	509904	518598	527298	535998	
20MHz	DFT-s-OFDM QPSK	1	1	16.00	16.02	16.22	16.27	15.86	17.20

N41 PC2 State 8				Conducted Power(dBm)					
SCS 30kHz									
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				509202	513900	518598	523302	528000	
				2546.01	2569.5	2592.99	2616.51	2640	
100MHz	DFT-s-OFDM QPSK	1	1	19.09	19.21	19.12	19.19	19.15	20.20
		1	137	18.85	19.05	18.99	18.88	19.17	20.20
		1	271	18.81	18.89	18.87	18.92	18.87	20.20
		135	0	15.46	15.71	15.61	15.50	15.59	16.70
		135	69	18.98	19.13	19.01	**19.16**	19.02	20.20
		135	138	15.60	15.52	15.39	15.47	15.45	16.70
		270	0	18.07	18.09	18.12	17.98	17.92	19.20
	DFT-s-OFDM 16QAM	1	1	18.36	18.59	18.53	18.49	18.52	19.20
	DFT-s-OFDM 64QAM	1	1	16.99	16.79	17.02	16.95	16.91	17.70
	DFT-s-OFDM 256QAM	1	1	14.55	14.75	14.59	14.68	14.61	15.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				509202	513900	518598	523302	528000	

100MHz	CP-OFDM QPSK	1	1	17.72	17.82	17.76	17.84	17.85	18.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				508200	513402	518598	523800	528996	
90MHz	DFT-s-OFDM QPSK	1	1	19.00	19.15	19.02	19.11	19.15	20.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				507204	512904	518598	524298	529998	
80MHz	DFT-s-OFDM QPSK	1	1	19.19	19.16	19.20	19.21	19.08	20.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				506202	512403	518598	524799	530997	
70MHz	DFT-s-OFDM QPSK	1	1	19.14	19.30	19.27	19.19	19.12	20.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				505200	511902	518598	525300	531996	
60MHz	DFT-s-OFDM QPSK	1	1	19.21	19.15	19.09	19.11	19.08	20.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				504204	511404	518598	525798	532998	
50MHz	DFT-s-OFDM QPSK	1	1	19.15	19.12	19.15	19.27	19.13	20.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				503202	510900	518598	526302	534000	
40MHz	DFT-s-OFDM QPSK	1	1	19.22	19.01	19.28	19.10	18.91	20.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				502200	510402	518598	526800	534996	
30MHz	DFT-s-OFDM QPSK	1	1	19.07	19.13	19.15	19.17	19.15	20.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				501204	509904	518598	527298	535998	
20MHz	DFT-s-OFDM QPSK	1	1	19.04	19.13	19.25	19.30	19.02	20.20

N41 PC2 State 10				Conducted Power(dBm)					
SCS 30kHz									
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				509202	513900	518598	523302	528000	
				2546.01	2569.5	2592.99	2616.51	2640	

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100MHz	DFT-s-OFDM QPSK	1	1	15.12	15.17	15.20	15.23	14.92	16.20
		1	137	14.91	15.04	14.92	14.91	15.01	16.20
		1	271	14.87	14.82	14.85	14.85	14.84	16.20
		135	0	11.39	11.64	11.51	11.43	11.63	12.70
		135	69	14.90	15.09	15.01	**15.13**	14.97	16.20
		135	138	11.37	11.43	11.42	11.43	11.25	12.70
		270	0	14.09	14.02	13.94	14.06	13.83	15.20
	DFT-s-OFDM 16QAM	1	1	14.46	14.37	14.51	14.51	14.58	15.20
	DFT-s-OFDM 64QAM	1	1	12.95	12.73	12.86	12.87	12.86	13.70
	DFT-s-OFDM 256QAM	1	1	10.67	10.73	10.69	10.52	10.61	11.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				509202	513900	518598	523302	528000	
100MHz	CP-OFDM QPSK	1	1	13.69	13.66	13.81	13.86	13.77	14.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				508200	513402	518598	523800	528996	
90MHz	DFT-s-OFDM QPSK	1	1	14.97	15.24	15.12	15.12	15.15	16.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				507204	512904	518598	524298	529998	
80MHz	DFT-s-OFDM QPSK	1	1	15.24	14.99	15.22	15.12	15.08	16.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				506202	512403	518598	524799	530997	
70MHz	DFT-s-OFDM QPSK	1	1	15.06	15.22	15.34	15.00	15.00	16.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				505200	511902	518598	525300	531996	
60MHz	DFT-s-OFDM QPSK	1	1	15.15	15.03	15.23	15.18	15.13	16.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				504204	511404	518598	525798	532998	
50MHz	DFT-s-OFDM QPSK	1	1	15.18	15.18	15.05	15.09	14.97	16.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				503202	510900	518598	526302	534000	

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40MHz	DFT-s-OFDM QPSK	1	1	15.02	15.01	15.16	15.00	15.07	16.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				502200	510402	518598	526800	534996	
30MHz	DFT-s-OFDM QPSK	1	1	15.16	15.11	15.22	15.21	15.19	16.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				501204	509904	518598	527298	535998	
20MHz	DFT-s-OFDM QPSK	1	1	15.07	15.05	15.13	15.28	15.01	16.20

N41 PC3 State 3				Conducted Power(dBm)					
SCS 30kHz									
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				509202	513900	518598	523302	528000	
				2546.01	2569.5	2592.99	2616.51	2640	
100MHz	DFT-s-OFDM QPSK	1	1	19.28	19.26	19.24	19.31	19.27	20.00
		1	137	19.14	19.08	19.09	19.15	19.12	20.00
		1	271	18.98	19.09	19.00	18.91	19.07	20.00
		135	0	18.11	18.14	18.19	18.11	18.16	19.00
		135	69	19.08	18.97	19.07	**19.01**	19.17	20.00
		135	138	17.89	17.90	17.96	18.04	17.86	19.00
		270	0	18.08	18.16	18.08	18.08	18.12	19.00
	DFT-s-OFDM 16QAM	1	1	18.48	18.57	18.47	18.49	18.45	19.00
	DFT-s-OFDM 64QAM	1	1	16.94	17.09	16.99	17.00	16.97	17.50
	DFT-s-OFDM 256QAM	1	1	14.66	14.73	14.65	14.66	14.65	15.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				509202	513900	518598	523302	528000	
100MHz	CP-OFDM QPSK	1	1	17.64	17.73	17.66	17.60	17.72	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				508200	513402	518598	523800	528996	
90MHz	DFT-s-OFDM QPSK	1	1	19.14	19.02	19.01	19.12	19.13	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				507204	512904	518598	524298	529998	

80MHz	DFT-s-OFDM QPSK	1	1	19.19	19.12	19.04	19.12	19.13	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				506202	512403	518598	524799	530997	
70MHz	DFT-s-OFDM QPSK	1	1	19.16	19.10	19.08	19.23	19.22	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				505200	511902	518598	525300	531996	
60MHz	DFT-s-OFDM QPSK	1	1	19.23	19.01	19.12	19.09	19.17	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				504204	511404	518598	525798	532998	
50MHz	DFT-s-OFDM QPSK	1	1	19.11	19.17	19.11	19.21	19.09	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				503202	510900	518598	526302	534000	
40MHz	DFT-s-OFDM QPSK	1	1	19.10	19.16	19.15	19.13	19.04	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				502200	510402	518598	526800	534996	
30MHz	DFT-s-OFDM QPSK	1	1	19.13	19.00	19.06	19.21	19.17	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				501204	509904	518598	527298	535998	
20MHz	DFT-s-OFDM QPSK	1	1	19.10	19.04	19.02	19.09	19.02	20.00

N41 PC3 State 5				Conducted Power(dBm)					
SCS 30kHz									
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				509202	513900	518598	523302	528000	
				2546.01	2569.5	2592.99	2616.51	2640	
100MHz	DFT-s-OFDM QPSK	1	1	14.68	14.62	14.57	14.71	14.78	15.50
		1	137	14.53	14.60	14.51	14.50	14.61	15.50
		1	271	14.49	14.60	14.41	14.29	14.47	15.50
		135	0	13.53	13.55	13.65	13.51	13.54	14.50
		135	69	14.46	14.50	14.58	**14.39**	14.60	15.50
		135	138	13.28	13.39	13.50	13.56	13.44	14.50
		270	0	13.51	13.64	13.54	13.40	13.66	14.50

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	DFT-s-OFDM 16QAM	1	1	13.87	14.03	13.95	13.87	13.83	14.50
	DFT-s-OFDM 64QAM	1	1	12.37	12.45	12.32	12.50	12.30	13.00
	DFT-s-OFDM 256QAM	1	1	10.21	10.25	10.11	10.03	10.08	11.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				509202	513900	518598	523302	528000	
100MHz	CP-OFDM QPSK	1	1	13.04	13.20	13.11	13.07	13.26	14.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				508200	513402	518598	523800	528996	
90MHz	DFT-s-OFDM QPSK	1	1	14.52	14.43	14.47	14.61	14.52	15.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				507204	512904	518598	524298	529998	
80MHz	DFT-s-OFDM QPSK	1	1	14.60	14.51	14.38	14.53	14.72	15.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				506202	512403	518598	524799	530997	
70MHz	DFT-s-OFDM QPSK	1	1	14.68	14.64	14.39	14.58	14.63	15.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				505200	511902	518598	525300	531996	
60MHz	DFT-s-OFDM QPSK	1	1	14.61	14.38	14.51	14.58	14.61	15.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				504204	511404	518598	525798	532998	
50MHz	DFT-s-OFDM QPSK	1	1	14.63	14.65	14.50	14.72	14.62	15.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				503202	510900	518598	526302	534000	
40MHz	DFT-s-OFDM QPSK	1	1	14.66	14.66	14.68	14.59	14.55	15.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				502200	510402	518598	526800	534996	
30MHz	DFT-s-OFDM QPSK	1	1	14.72	14.49	14.44	14.63	14.56	15.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				501204	509904	518598	527298	535998	

20MHz	DFT-s-OFDM QPSK	1	1	14.65	14.58	14.50	14.48	14.42	15.50

N41 PC3 State 8				Conducted Power(dBm)					
SCS 30kHz									
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				509202	513900	518598	523302	528000	
				2546.01	2569.5	2592.99	2616.51	2640	
100MHz	DFT-s-OFDM QPSK	1	1	17.71	17.76	17.81	17.73	17.67	18.50
		1	137	17.69	17.59	17.55	17.75	17.66	18.50
		1	271	17.40	17.60	17.46	17.39	17.62	18.50
		135	0	16.68	16.57	16.61	16.69	16.65	17.50
		135	69	17.60	17.39	17.57	**17.53**	17.69	18.50
		135	138	16.33	16.32	16.39	16.54	16.45	17.50
		270	0	16.63	16.64	16.49	16.65	16.52	17.50
	DFT-s-OFDM 16QAM	1	1	17.02	17.15	16.94	16.97	16.98	17.50
	DFT-s-OFDM 64QAM	1	1	15.44	15.57	15.52	15.53	15.41	16.00
	DFT-s-OFDM 256QAM	1	1	13.12	13.31	13.07	13.06	13.21	14.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				509202	513900	518598	523302	528000	
100MHz	CP-OFDM QPSK	1	1	16.15	16.22	16.12	16.13	16.22	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				508200	513402	518598	523800	528996	
90MHz	DFT-s-OFDM QPSK	1	1	17.55	17.45	17.56	17.71	17.55	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				507204	512904	518598	524298	529998	
80MHz	DFT-s-OFDM QPSK	1	1	17.77	17.60	17.45	17.66	17.54	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				506202	512403	518598	524799	530997	
70MHz	DFT-s-OFDM QPSK	1	1	17.64	17.56	17.50	17.73	17.64	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				505200	511902	518598	525300	531996	

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60MHz	DFT-s-OFDM QPSK	1	1	17.75	17.43	17.59	17.56	17.61	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				504204	511404	518598	525798	532998	
50MHz	DFT-s-OFDM QPSK	1	1	17.67	17.67	17.59	17.77	17.50	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				503202	510900	518598	526302	534000	
40MHz	DFT-s-OFDM QPSK	1	1	17.63	17.74	17.61	17.56	17.60	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				502200	510402	518598	526800	534996	
30MHz	DFT-s-OFDM QPSK	1	1	17.60	17.49	17.62	17.80	17.74	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				501204	509904	518598	527298	535998	
20MHz	DFT-s-OFDM QPSK	1	1	17.50	17.53	17.44	17.54	17.51	18.50

N41 PC3 State 10				Conducted Power(dBm)					
SCS 30kHz									
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				509202	513900	518598	523302	528000	
				2546.01	2569.5	2592.99	2616.51	2640	
100MHz	DFT-s-OFDM QPSK	1	1	13.72	13.78	13.54	13.71	13.55	14.50
		1	137	13.57	13.44	13.39	13.43	13.47	14.50
		1	271	13.22	13.45	13.45	13.18	13.52	14.50
		135	0	12.59	12.46	12.60	12.57	12.59	13.50
		135	69	13.43	13.25	13.33	**13.40**	13.65	14.50
		135	138	12.42	12.40	12.33	12.50	12.38	13.50
		270	0	12.42	12.53	12.51	12.42	12.57	13.50
	DFT-s-OFDM 16QAM	1	1	13.01	12.95	12.98	12.88	12.84	13.50
	DFT-s-OFDM 64QAM	1	1	11.37	11.50	11.47	11.39	11.31	12.00
	DFT-s-OFDM 256QAM	1	1	9.09	9.26	9.00	9.10	9.16	10.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				509202	513900	518598	523302	528000	

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100MHz	CP-OFDM QPSK	1	1	12.03	12.26	12.18	11.93	12.12	13.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				508200	513402	518598	523800	528996	
90MHz	DFT-s-OFDM QPSK	1	1	13.45	13.31	13.36	13.61	13.58	14.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				507204	512904	518598	524298	529998	
80MHz	DFT-s-OFDM QPSK	1	1	13.59	13.55	13.46	13.57	13.49	14.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				506202	512403	518598	524799	530997	
70MHz	DFT-s-OFDM QPSK	1	1	13.56	13.57	13.53	13.74	13.59	14.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				505200	511902	518598	525300	531996	
60MHz	DFT-s-OFDM QPSK	1	1	13.74	13.35	13.67	13.57	13.68	14.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				504204	511404	518598	525798	532998	
50MHz	DFT-s-OFDM QPSK	1	1	13.49	13.50	13.58	13.48	13.53	14.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				503202	510900	518598	526302	534000	
40MHz	DFT-s-OFDM QPSK	1	1	13.51	13.50	13.54	13.61	13.39	14.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				502200	510402	518598	526800	534996	
30MHz	DFT-s-OFDM QPSK	1	1	13.57	13.36	13.41	13.54	13.56	14.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				501204	509904	518598	527298	535998	
20MHz	DFT-s-OFDM QPSK	1	1	13.54	13.53	13.37	13.57	13.37	14.50

N66 State 3				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				346000	349000	352000	
				1730	1745	1760	

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40MHz	DFT-s-OFDM QPSK	1	1	21.02	21.22	21.14	22.00
		1	108	21.04	21.29	21.12	22.00
		1	214	21.05	21.32	21.27	22.00
		108	0	20.13	20.28	20.24	21.00
		108	54	21.01	21.25	21.10	22.00
		108	108	20.15	20.38	20.36	21.00
		216	0	20.06	20.27	20.10	21.00
	DFT-s-OFDM 16QAM	1	1	20.19	20.35	20.18	21.00
	DFT-s-OFDM 64QAM	1	1	18.64	18.78	18.64	19.50
	DFT-s-OFDM 256QAM	1	1	15.94	16.21	16.02	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				346000	349000	352000	
40MHz	CP-OFDM QPSK	1	1	19.54	19.66	19.55	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				345500	349000	352500	
35MHz	DFT-s-OFDM QPSK	1	1	20.97	21.24	21.05	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				345000	349000	353000	
30MHz	DFT-s-OFDM QPSK	1	1	21.00	21.32	21.12	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				344500	349000	353500	
25MHz	DFT-s-OFDM QPSK	1	1	21.03	21.13	21.09	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				344000	349000	354000	
20MHz	DFT-s-OFDM QPSK	1	1	20.98	21.16	21.20	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				343500	349000	354500	
15MHz	DFT-s-OFDM QPSK	1	1	20.95	21.23	21.24	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				343000	349000	355000	

10MHz	DFT-s-OFDM QPSK	1	1	21.08	21.32	21.10	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				342500	349000	355500	
5MHz	DFT-s-OFDM QPSK	1	1	20.94	21.25	21.04	22.00

N66 State 5				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				346000	349000	352000	
				1730	1745	1760	
40MHz	DFT-s-OFDM QPSK	1	1	17.92	18.17	18.15	19.00
		1	108	17.99	18.22	18.07	19.00
		1	214	18.00	18.34	18.23	19.00
		108	0	17.11	17.25	17.16	18.00
		108	54	17.93	18.21	18.02	19.00
		108	108	17.09	17.48	17.37	18.00
		216	0	17.10	17.21	17.00	18.00
	DFT-s-OFDM 16QAM	1	1	17.20	17.43	17.18	18.00
	DFT-s-OFDM 64QAM	1	1	15.64	15.75	15.59	16.50
	DFT-s-OFDM 256QAM	1	1	13.01	13.25	12.92	14.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				346000	349000	352000	
40MHz	CP-OFDM QPSK	1	1	16.46	16.73	16.45	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				345500	349000	352500	
35MHz	DFT-s-OFDM QPSK	1	1	17.99	18.24	18.12	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				345000	349000	353000	
30MHz	DFT-s-OFDM QPSK	1	1	17.97	18.39	18.22	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				344500	349000	353500	

25MHz	DFT-s-OFDM QPSK	1	1	18.07	18.20	18.04	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				344000	349000	354000	
20MHz	DFT-s-OFDM QPSK	1	1	17.98	18.18	18.23	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				343500	349000	354500	
15MHz	DFT-s-OFDM QPSK	1	1	17.90	18.18	18.14	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				343000	349000	355000	
10MHz	DFT-s-OFDM QPSK	1	1	18.09	18.26	18.12	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				342500	349000	355500	
5MHz	DFT-s-OFDM QPSK	1	1	17.88	18.17	18.12	19.00

N66 State 8				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				346000	349000	352000	
				1730	1745	1760	
40MHz	DFT-s-OFDM QPSK	1	1	19.02	19.12	19.20	20.00
		1	108	19.11	19.39	19.12	20.00
		1	214	18.93	19.36	19.26	20.00
		108	0	18.18	18.18	18.33	19.00
		108	54	19.08	19.35	19.04	20.00
		108	108	18.25	18.48	18.26	19.00
		216	0	18.02	18.30	18.01	19.00
	DFT-s-OFDM 16QAM	1	1	18.27	18.33	18.21	19.00
	DFT-s-OFDM 64QAM	1	1	16.74	16.70	16.72	17.50
	DFT-s-OFDM 256QAM	1	1	13.98	14.19	14.02	15.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				346000	349000	352000	

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40MHz	CP-OFDM QPSK	1	1	17.47	17.57	17.59	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				345500	349000	352500	
35MHz	DFT-s-OFDM QPSK	1	1	19.02	19.31	19.08	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				345000	349000	353000	
30MHz	DFT-s-OFDM QPSK	1	1	19.08	19.24	19.12	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				344500	349000	353500	
25MHz	DFT-s-OFDM QPSK	1	1	19.03	19.10	19.19	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				344000	349000	354000	
20MHz	DFT-s-OFDM QPSK	1	1	18.96	19.17	19.16	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				343500	349000	354500	
15MHz	DFT-s-OFDM QPSK	1	1	18.91	19.32	19.16	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				343000	349000	355000	
10MHz	DFT-s-OFDM QPSK	1	1	19.06	19.22	19.04	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				342500	349000	355500	
5MHz	DFT-s-OFDM QPSK	1	1	18.99	19.20	19.01	20.00

N66 State 10				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				346000	349000	352000	
				1730	1745	1760	
40MHz	DFT-s-OFDM QPSK	1	1	17.07	17.26	17.07	18.00
		1	108	17.01	17.24	17.07	18.00
		1	214	17.05	17.39	17.32	18.00
		108	0	16.07	16.30	16.21	17.00

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		108	54	16.97	17.25	17.14	18.00
		108	108	16.24	16.28	16.40	17.00
		216	0	16.00	16.36	16.07	17.00
	DFT-s-OFDM 16QAM	1	1	16.28	16.32	16.13	17.00
	DFT-s-OFDM 64QAM	1	1	14.65	14.88	14.62	15.50
	DFT-s-OFDM 256QAM	1	1	11.86	12.29	12.10	13.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				346000	349000	352000	
40MHz	CP-OFDM QPSK	1	1	15.58	15.64	15.58	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				345500	349000	352500	
35MHz	DFT-s-OFDM QPSK	1	1	16.97	17.31	17.15	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				345000	349000	353000	
30MHz	DFT-s-OFDM QPSK	1	1	16.95	17.42	17.11	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				344500	349000	353500	
25MHz	DFT-s-OFDM QPSK	1	1	16.98	17.05	17.01	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				344000	349000	354000	
20MHz	DFT-s-OFDM QPSK	1	1	16.93	17.23	17.13	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				343500	349000	354500	
15MHz	DFT-s-OFDM QPSK	1	1	16.92	17.24	17.31	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				343000	349000	355000	
10MHz	DFT-s-OFDM QPSK	1	1	17.15	17.42	17.01	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				342500	349000	355500	
5MHz	DFT-s-OFDM QPSK	1	1	16.89	17.16	17.06	18.00

8.4 Conducted Power of NR Antenna (Ant4)

N2 State 5/10				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				372000	376000	380000	
				1860	1880	1900	
20MHz	DFT-s-OFDM QPSK	1	1	23.63	23.51	23.59	24.40
		1	53	23.57	23.57	23.75	24.40
		1	104	23.70	23.56	23.62	24.40
		50	0	22.66	22.62	22.64	23.40
		50	28	23.62	23.62	23.82	24.40
		50	56	22.66	22.59	22.68	23.40
		100	0	22.71	22.61	22.66	23.40
	DFT-s-OFDM 16QAM	1	1	22.76	22.57	22.65	23.40
	DFT-s-OFDM 64QAM	1	1	21.38	21.31	21.32	21.90
	DFT-s-OFDM 256QAM	1	1	19.24	19.09	19.29	19.90
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				372000	376000	38000	
20MHz	CP-OFDM QPSK	1	1	22.17	22.04	22.15	22.90
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				371500	376000	380500	
15MHz	DFT-s-OFDM QPSK	1	1	23.73	23.53	23.68	24.40
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				371000	376000	381000	
10MHz	DFT-s-OFDM QPSK	1	1	23.55	23.52	23.65	24.40
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				370500	376000	381500	
5MHz	DFT-s-OFDM QPSK	1	1	23.59	23.52	23.64	24.40

N2 State 3				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up

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				372000	376000	380000	
				1860	1880	1900	
20MHz	DFT-s-OFDM QPSK	1	1	20.77	20.62	20.68	21.40
		1	53	20.52	20.64	20.77	21.40
		1	104	20.68	20.58	20.76	21.40
		50	0	19.75	19.61	19.68	20.40
		50	28	20.58	20.75	20.94	21.40
		50	56	19.63	19.55	19.77	20.40
		100	0	19.81	19.61	19.76	20.40
	DFT-s-OFDM 16QAM	1	1	19.89	19.55	19.76	20.40
	DFT-s-OFDM 64QAM	1	1	18.49	18.45	18.40	18.90
	DFT-s-OFDM 256QAM	1	1	16.27	16.04	16.37	16.90
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				372000	376000	38000	
20MHz	CP-OFDM QPSK	1	1	19.13	18.99	19.21	19.90
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				371500	376000	380500	
15MHz	DFT-s-OFDM QPSK	1	1	20.72	20.55	20.80	21.40
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				371000	376000	381000	
10MHz	DFT-s-OFDM QPSK	1	1	20.70	20.67	20.66	21.40
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				370500	376000	381500	
5MHz	DFT-s-OFDM QPSK	1	1	20.71	20.48	20.63	21.40

N2 State 8				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				372000	376000	380000	
				1860	1880	1900	
20MHz	DFT-s-OFDM QPSK	1	1	19.19	19.08	19.18	19.90
		1	53	19.03	19.09	19.35	19.90
		1	104	19.18	19.16	19.19	19.90

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		50	0	18.25	18.18	18.13	18.90
		50	28	19.17	19.12	19.47	19.90
		50	56	18.26	18.09	18.33	18.90
		100	0	18.21	18.13	18.25	18.90
	DFT-s-OFDM 16QAM	1	1	18.29	18.06	18.16	18.90
	DFT-s-OFDM 64QAM	1	1	16.85	16.88	16.95	17.40
	DFT-s-OFDM 256QAM	1	1	14.71	14.67	14.92	15.40
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				372000	376000	38000	
20MHz	CP-OFDM QPSK	1	1	17.78	17.49	17.61	18.40
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				371500	376000	380500	
15MHz	DFT-s-OFDM QPSK	1	1	19.28	19.08	19.22	19.90
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				371000	376000	381000	
10MHz	DFT-s-OFDM QPSK	1	1	19.01	19.15	19.28	19.90
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				370500	376000	381500	
5MHz	DFT-s-OFDM QPSK	1	1	19.06	19.17	19.23	19.90

N7 State 5/10				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				505000	507000	509000	
				2525	2535	2545	
50MHz	DFT-s-OFDM QPSK	1	1	24.41	24.42	24.39	25.00
		1	135	24.46	24.37	24.33	25.00
		1	268	24.18	24.27	24.29	25.00
		135	0	23.28	23.37	23.39	24.00
		135	67	24.46	24.40	24.50	25.00
		135	135	23.34	23.34	23.43	24.00
		270	0	23.31	23.41	23.45	24.00

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	DFT-s-OFDM 16QAM	1	1	23.45	23.49	23.59	24.00
	DFT-s-OFDM 64QAM	1	1	21.90	21.96	21.98	22.50
	DFT-s-OFDM 256QAM	1	1	19.49	19.57	19.51	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				505000	507000	509000	
50MHz	CP-OFDM QPSK	1	1	22.94	22.99	22.91	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				504000	507000	510000	
40MHz	DFT-s-OFDM QPSK	1	1	24.47	24.47	24.37	25.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				503000	507000	511000	
30MHz	DFT-s-OFDM QPSK	1	1	24.38	24.42	24.25	25.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				502500	507000	511500	
25MHz	DFT-s-OFDM QPSK	1	1	24.49	24.43	24.37	25.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				502000	507000	512000	
20MHz	DFT-s-OFDM QPSK	1	1	24.46	24.37	24.40	25.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				501500	507000	512500	
15MHz	DFT-s-OFDM QPSK	1	1	24.37	24.27	24.29	25.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				501000	507000	513000	
10MHz	DFT-s-OFDM QPSK	1	1	24.55	24.43	24.35	25.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				500500	507000	513500	
5MHz	DFT-s-OFDM QPSK	1	1	24.53	24.42	24.41	25.00

N7 State 3	Conducted Power(dBm)

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SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				505000	507000	509000	
				2525	2535	2545	
50MHz	DFT-s-OFDM QPSK	1	1	22.93	22.85	22.98	23.50
		1	135	23.00	22.86	22.86	23.50
		1	268	22.66	22.76	22.76	23.50
		135	0	21.81	21.96	21.98	22.50
		135	67	22.91	22.91	22.97	23.50
		135	135	21.90	21.77	21.87	22.50
		270	0	21.89	21.84	21.94	22.50
	DFT-s-OFDM 16QAM	1	1	21.86	21.93	22.01	22.50
	DFT-s-OFDM 64QAM	1	1	20.47	20.49	20.44	21.00
	DFT-s-OFDM 256QAM	1	1	17.93	18.09	18.06	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				505000	507000	509000	
50MHz	CP-OFDM QPSK	1	1	21.35	21.50	21.34	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				504000	507000	510000	
40MHz	DFT-s-OFDM QPSK	1	1	23.04	23.00	22.81	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				503000	507000	511000	
30MHz	DFT-s-OFDM QPSK	1	1	22.97	22.82	22.67	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				502500	507000	511500	
25MHz	DFT-s-OFDM QPSK	1	1	23.08	22.95	22.77	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				502000	507000	512000	
20MHz	DFT-s-OFDM QPSK	1	1	23.04	22.83	22.88	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				501500	507000	512500	

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15MHz	DFT-s-OFDM QPSK	1	1	22.77	22.78	22.78	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				501000	507000	513000	
10MHz	DFT-s-OFDM QPSK	1	1	23.12	22.99	22.84	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				500500	507000	513500	
5MHz	DFT-s-OFDM QPSK	1	1	23.00	22.82	22.84	23.50

N7 State 8				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				505000	507000	509000	
				2525	2535	2545	
50MHz	DFT-s-OFDM QPSK	1	1	21.45	21.45	21.39	22.00
		1	135	21.37	21.29	21.34	22.00
		1	268	21.25	21.19	21.23	22.00
		135	0	20.33	20.29	20.36	21.00
		135	67	21.48	21.27	21.50	22.00
		135	135	20.38	20.34	20.39	21.00
		270	0	20.36	20.34	20.40	21.00
	DFT-s-OFDM 16QAM	1	1	20.35	20.37	20.60	21.00
	DFT-s-OFDM 64QAM	1	1	18.95	18.86	19.04	19.50
	DFT-s-OFDM 256QAM	1	1	16.36	16.63	16.44	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				505000	507000	509000	
50MHz	CP-OFDM QPSK	1	1	19.96	19.92	19.95	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				504000	507000	510000	
40MHz	DFT-s-OFDM QPSK	1	1	21.37	21.45	21.36	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				503000	507000	511000	

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30MHz	DFT-s-OFDM QPSK	1	1	21.27	21.30	21.27	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				502500	507000	511500	
25MHz	DFT-s-OFDM QPSK	1	1	21.52	21.33	21.35	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				502000	507000	512000	
20MHz	DFT-s-OFDM QPSK	1	1	21.49	21.41	21.38	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				501500	507000	512500	
15MHz	DFT-s-OFDM QPSK	1	1	21.37	21.23	21.35	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				501000	507000	513000	
10MHz	DFT-s-OFDM QPSK	1	1	21.46	21.37	21.30	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				500500	507000	513500	
5MHz	DFT-s-OFDM QPSK	1	1	21.52	21.47	21.48	22.00

N38 State 5/10				Conducted Power(dBm)			
SCS 30kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				518000	519000	520000	
				2590	2595	2600	
40MHz	DFT-s-OFDM QPSK	1	1	24.32	24.27	24.25	25.00
		1	53	24.02	24.12	24.21	25.00
		1	104	24.07	24.00	23.94	25.00
		50	0	23.37	23.27	23.37	24.00
		50	28	24.11	24.16	24.17	25.00
		50	56	23.19	23.16	23.11	24.00
		100	0	23.22	23.21	23.17	24.00
	DFT-s-OFDM 16QAM	1	1	23.46	23.50	23.56	24.00
	DFT-s-OFDM 64QAM	1	1	22.12	22.05	22.06	22.50

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	DFT-s-OFDM 256QAM	1	1	19.59	19.61	19.70	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				518000	519000	520000	
40MHz	CP-OFDM QPSK	1	1	22.79	22.88	22.92	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				517000	519000	521000	
30MHz	DFT-s-OFDM QPSK	1	1	24.40	24.31	24.25	25.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				516000	519000	522000	
20MHz	DFT-s-OFDM QPSK	1	1	24.34	24.29	24.18	25.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				515500	519000	522500	
15MHz	DFT-s-OFDM QPSK	1	1	24.34	24.20	24.21	25.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				515000	519000	523000	
10MHz	DFT-s-OFDM QPSK	1	1	24.27	24.25	24.27	25.00

N38 State 3				Conducted Power(dBm)			
SCS 30kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				518000	519000	520000	
				2590	2595	2600	
40MHz	DFT-s-OFDM QPSK	1	1	23.92	23.76	23.87	24.50
		1	53	23.71	23.67	23.77	24.50
		1	104	23.67	23.54	23.52	24.50
		50	0	23.04	22.95	23.04	23.50
		50	28	23.74	23.76	23.82	24.50
		50	56	22.85	22.81	22.66	23.50
		100	0	22.91	22.90	22.86	23.50
	DFT-s-OFDM 16QAM	1	1	23.09	23.05	23.19	23.50
	DFT-s-OFDM 64QAM	1	1	21.64	21.59	21.67	22.00

	DFT-s-OFDM 256QAM	1	1	19.11	19.23	19.25	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				518000	519000	520000	
40MHz	CP-OFDM QPSK	1	1	22.35	22.47	22.48	23.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				517000	519000	521000	
30MHz	DFT-s-OFDM QPSK	1	1	24.02	23.89	23.85	24.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				516000	519000	522000	
20MHz	DFT-s-OFDM QPSK	1	1	24.02	23.98	23.77	24.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				515500	519000	522500	
15MHz	DFT-s-OFDM QPSK	1	1	23.87	23.83	23.82	24.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				515000	519000	523000	
10MHz	DFT-s-OFDM QPSK	1	1	23.92	23.76	23.95	24.50

N38 State 8				Conducted Power(dBm)			
SCS 30kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				518000	519000	520000	
				2590	2595	2600	
40MHz	DFT-s-OFDM QPSK	1	1	21.92	21.76	21.78	22.50
		1	53	21.60	21.79	21.84	22.50
		1	104	21.65	21.50	21.56	22.50
		50	0	20.98	20.82	20.88	21.50
		50	28	21.76	21.79	21.82	22.50
		50	56	20.71	20.72	20.65	21.50
		100	0	20.90	20.82	20.84	21.50
	DFT-s-OFDM 16QAM	1	1	20.98	21.17	21.23	21.50
	DFT-s-OFDM 64QAM	1	1	19.63	19.58	19.65	20.00

	DFT-s-OFDM 256QAM	1	1	17.15	17.19	17.19	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				518000	519000	520000	
40MHz	CP-OFDM QPSK	1	1	20.40	20.57	20.46	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				517000	519000	521000	
30MHz	DFT-s-OFDM QPSK	1	1	22.05	21.87	21.84	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				516000	519000	522000	
20MHz	DFT-s-OFDM QPSK	1	1	21.85	21.80	21.85	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				515500	519000	522500	
15MHz	DFT-s-OFDM QPSK	1	1	21.93	21.80	21.77	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				515000	519000	523000	
10MHz	DFT-s-OFDM QPSK	1	1	21.91	21.89	21.89	22.50

N41 PC2 State 5/10				Conducted Power(dBm)					
SCS 30kHz									
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				509202	513900	518598	523302	528000	
				2546.01	2569.5	2592.99	2616.51	2640	
100MHz	DFT-s-OFDM QPSK	1	1	25.38	25.45	25.49	25.39	25.25	26.70
		1	137	25.34	25.32	25.32	25.27	25.09	26.70
		1	271	25.16	25.22	25.18	25.26	25.03	26.70
		135	0	22.23	22.09	22.18	22.10	22.07	23.20
		135	69	25.35	25.30	25.28	**25.31**	25.14	26.70
		135	138	21.86	22.01	21.96	21.91	21.71	23.20
		270	0	24.21	24.22	24.24	24.25	24.05	25.70
	DFT-s-OFDM 16QAM	1	1	24.62	24.49	24.54	24.49	24.25	25.70
	DFT-s-OFDM 64QAM	1	1	23.12	22.99	23.08	23.07	22.95	24.20

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	DFT-s-OFDM 256QAM	1	1	20.97	21.01	20.99	21.00	20.75	22.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				509202	513900	518598	523302	528000	
100MHz	CP-OFDM QPSK	1	1	23.79	23.96	23.87	23.97	23.75	25.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				508200	513402	518598	523800	528996	
90MHz	DFT-s-OFDM QPSK	1	1	25.34	25.36	25.57	25.44	25.33	26.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				507204	512904	518598	524298	529998	
80MHz	DFT-s-OFDM QPSK	1	1	25.41	25.42	25.43	25.45	25.25	26.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				506202	512403	518598	524799	530997	
70MHz	DFT-s-OFDM QPSK	1	1	25.42	25.47	25.58	25.32	25.20	26.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				505200	511902	518598	525300	531996	
60MHz	DFT-s-OFDM QPSK	1	1	25.48	25.48	25.43	25.37	25.27	26.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				504204	511404	518598	525798	532998	
50MHz	DFT-s-OFDM QPSK	1	1	25.32	25.43	25.41	25.42	25.20	26.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				503202	510900	518598	526302	534000	
40MHz	DFT-s-OFDM QPSK	1	1	25.46	25.50	25.51	25.36	25.29	26.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				502200	510402	518598	526800	534996	
30MHz	DFT-s-OFDM QPSK	1	1	25.30	25.36	25.53	25.32	25.20	26.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				501204	509904	518598	527298	535998	
20MHz	DFT-s-OFDM QPSK	1	1	25.28	25.40	25.44	25.29	25.15	26.70

N41 PC2 State 3	Conducted Power(dBm)

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SCS 30kHz									
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				509202	513900	518598	523302	528000	
				2546.01	2569.5	2592.99	2616.51	2640	
100MHz	DFT-s-OFDM QPSK	1	1	23.45	23.38	23.39	23.43	23.35	24.70
		1	137	23.42	23.27	23.36	23.23	23.07	24.70
		1	271	23.15	23.23	23.27	23.19	23.07	24.70
		135	0	20.29	20.06	20.15	20.20	20.04	21.20
		135	69	23.32	23.37	23.21	**23.25**	23.20	24.70
		135	138	19.78	20.01	19.91	19.86	19.66	21.20
		270	0	22.12	22.26	22.22	22.21	21.99	23.70
	DFT-s-OFDM 16QAM	1	1	22.64	22.48	22.63	22.57	22.33	23.70
	DFT-s-OFDM 64QAM	1	1	21.16	20.99	21.14	21.10	20.96	22.20
	DFT-s-OFDM 256QAM	1	1	18.88	18.93	18.94	19.03	18.77	20.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				509202	513900	518598	523302	528000	
100MHz	CP-OFDM QPSK	1	1	21.73	21.96	21.83	21.98	21.85	23.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				508200	513402	518598	523800	528996	
90MHz	DFT-s-OFDM QPSK	1	1	23.43	23.38	23.63	23.37	23.23	24.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				507204	512904	518598	524298	529998	
80MHz	DFT-s-OFDM QPSK	1	1	23.33	23.33	23.48	23.40	23.28	24.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				506202	512403	518598	524799	530997	
70MHz	DFT-s-OFDM QPSK	1	1	23.52	23.52	23.54	23.42	23.25	24.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				505200	511902	518598	525300	531996	
60MHz	DFT-s-OFDM QPSK	1	1	23.58	23.45	23.42	23.46	23.37	24.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				504204	511404	518598	525798	532998	

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50MHz	DFT-s-OFDM QPSK	1	1	23.26	23.53	23.42	23.48	23.10	24.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				503202	510900	518598	526302	534000	
40MHz	DFT-s-OFDM QPSK	1	1	23.49	23.55	23.45	23.27	23.39	24.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				502200	510402	518598	526800	534996	
30MHz	DFT-s-OFDM QPSK	1	1	23.38	23.38	23.59	23.40	23.18	24.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				501204	509904	518598	527298	535998	
20MHz	DFT-s-OFDM QPSK	1	1	23.26	23.31	23.34	23.23	23.22	24.70

N41 PC2 State 8				Conducted Power(dBm)					
SCS 30kHz									
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				509202	513900	518598	523302	528000	
				2546.01	2569.5	2592.99	2616.51	2640	
100MHz	DFT-s-OFDM QPSK	1	1	21.47	21.35	21.39	21.41	21.22	22.70
		1	137	21.26	21.32	21.22	21.31	21.10	22.70
		1	271	21.19	21.17	21.14	21.32	21.01	22.70
		135	0	18.27	18.14	18.24	18.00	18.15	19.20
		135	69	21.40	21.27	21.25	**21.24**	21.18	22.70
		135	138	17.79	17.97	17.90	17.99	17.61	19.20
		270	0	20.29	20.15	20.34	20.34	20.14	21.70
	DFT-s-OFDM 16QAM	1	1	20.54	20.44	20.62	20.50	20.28	21.70
	DFT-s-OFDM 64QAM	1	1	19.06	18.99	18.98	19.10	18.93	20.20
	DFT-s-OFDM 256QAM	1	1	16.92	17.02	16.93	16.99	16.67	18.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				509202	513900	518598	523302	528000	
100MHz	CP-OFDM QPSK	1	1	19.71	19.98	19.96	20.02	19.85	21.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				508200	513402	518598	523800	528996	

90MHz	DFT-s-OFDM QPSK	1	1	21.43	21.29	21.48	21.38	21.32	22.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				507204	512904	518598	524298	529998	
80MHz	DFT-s-OFDM QPSK	1	1	21.51	21.38	21.49	21.53	21.23	22.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				506202	512403	518598	524799	530997	
70MHz	DFT-s-OFDM QPSK	1	1	21.34	21.51	21.56	21.25	21.14	22.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				505200	511902	518598	525300	531996	
60MHz	DFT-s-OFDM QPSK	1	1	21.40	21.51	21.43	21.28	21.34	22.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				504204	511404	518598	525798	532998	
50MHz	DFT-s-OFDM QPSK	1	1	21.32	21.48	21.33	21.43	21.10	22.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				503202	510900	518598	526302	534000	
40MHz	DFT-s-OFDM QPSK	1	1	21.50	21.45	21.50	21.32	21.38	22.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				502200	510402	518598	526800	534996	
30MHz	DFT-s-OFDM QPSK	1	1	21.31	21.43	21.61	21.35	21.21	22.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				501204	509904	518598	527298	535998	
20MHz	DFT-s-OFDM QPSK	1	1	21.29	21.39	21.35	21.29	21.05	22.70

N41 PC3 State 5/10				Conducted Power(dBm)					
SCS 30kHz									
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				509202	513900	518598	523302	528000	
				2546.01	2569.5	2592.99	2616.51	2640	
100MHz	DFT-s-OFDM QPSK	1	1	24.04	24.15	24.13	24.22	24.07	25.00
		1	137	24.07	24.05	24.00	24.07	24.03	25.00
		1	271	23.84	23.88	23.88	23.92	23.82	25.00

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		135	0	23.17	23.05	23.14	23.18	23.21	24.00
		135	69	24.15	24.08	24.07	**24.02**	24.02	25.00
		135	138	22.98	22.90	22.97	22.94	23.02	24.00
		270	0	22.99	23.04	23.05	23.07	23.00	24.00
	DFT-s-OFDM 16QAM	1	1	23.35	23.24	23.25	23.25	23.31	24.00
	DFT-s-OFDM 64QAM	1	1	21.77	21.77	21.87	21.96	21.90	22.50
	DFT-s-OFDM 256QAM	1	1	19.57	19.51	19.56	19.48	19.54	20.50
Bandwidth	Modulation	RB size	RB offset	Channel 509202	Channel 513900	Channel 518598	Channel 523302	Channel 528000	Tune up
100MHz	CP-OFDM QPSK	1	1	22.84	22.82	22.81	22.71	22.76	23.50
Bandwidth	Modulation	RB size	RB offset	Channel 508200	Channel 513402	Channel 518598	Channel 523800	Channel 528996	Tune up
90MHz	DFT-s-OFDM QPSK	1	1	24.00	24.06	24.16	24.21	24.04	25.00
Bandwidth	Modulation	RB size	RB offset	Channel 507204	Channel 512904	Channel 518598	Channel 524298	Channel 529998	Tune up
80MHz	DFT-s-OFDM QPSK	1	1	24.04	24.14	24.13	24.15	24.00	25.00
Bandwidth	Modulation	RB size	RB offset	Channel 506202	Channel 512403	Channel 518598	Channel 524799	Channel 530997	Tune up
70MHz	DFT-s-OFDM QPSK	1	1	23.94	24.17	24.23	24.28	24.05	25.00
Bandwidth	Modulation	RB size	RB offset	Channel 505200	Channel 511902	Channel 518598	Channel 525300	Channel 531996	Tune up
60MHz	DFT-s-OFDM QPSK	1	1	23.96	24.22	24.19	24.32	24.07	25.00
Bandwidth	Modulation	RB size	RB offset	Channel 504204	Channel 511404	Channel 518598	Channel 525798	Channel 532998	Tune up
50MHz	DFT-s-OFDM QPSK	1	1	24.11	24.18	24.12	24.30	24.04	25.00
Bandwidth	Modulation	RB size	RB offset	Channel 503202	Channel 510900	Channel 518598	Channel 526302	Channel 534000	Tune up
40MHz	DFT-s-OFDM QPSK	1	1	24.14	24.21	24.12	24.15	24.04	25.00
Bandwidth	Modulation	RB size	RB offset	Channel 502200	Channel 510402	Channel 518598	Channel 526800	Channel 534996	Tune up

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30MHz	DFT-s-OFDM QPSK	1	1	24.14	24.09	24.03	24.18	24.05	25.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				501204	509904	518598	527298	535998	
20MHz	DFT-s-OFDM QPSK	1	1	23.99	24.12	24.21	24.18	24.10	25.00

N41 PC3 State 3				Conducted Power(dBm)					
SCS 30kHz									
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				509202	513900	518598	523302	528000	
				2546.01	2569.5	2592.99	2616.51	2640	
100MHz	DFT-s-OFDM QPSK	1	1	22.01	22.14	22.09	22.17	22.00	23.00
		1	137	22.16	22.13	22.01	22.03	22.06	23.00
		1	271	21.82	21.98	21.79	21.91	21.72	23.00
		135	0	21.20	21.01	21.23	21.26	21.17	22.00
		135	69	22.10	22.05	22.09	**22.03**	22.00	23.00
		135	138	20.90	20.84	20.94	20.88	20.99	22.00
		270	0	20.89	21.04	20.99	21.12	21.09	22.00
	DFT-s-OFDM 16QAM	1	1	21.44	21.25	21.21	21.21	21.28	22.00
	DFT-s-OFDM 64QAM	1	1	19.87	19.73	19.87	19.97	19.86	20.50
	DFT-s-OFDM 256QAM	1	1	17.66	17.61	17.52	17.52	17.60	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				509202	513900	518598	523302	528000	
100MHz	CP-OFDM QPSK	1	1	20.88	20.78	20.71	20.79	20.69	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				508200	513402	518598	523800	528996	
90MHz	DFT-s-OFDM QPSK	1	1	22.03	22.15	22.12	22.12	22.08	23.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				507204	512904	518598	524298	529998	
80MHz	DFT-s-OFDM QPSK	1	1	22.12	22.10	22.07	22.06	22.00	23.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				506202	512403	518598	524799	530997	

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70MHz	DFT-s-OFDM QPSK	1	1	21.90	22.16	22.24	22.25	21.95	23.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				505200	511902	518598	525300	531996	
60MHz	DFT-s-OFDM QPSK	1	1	21.87	22.17	22.26	22.26	22.16	23.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				504204	511404	518598	525798	532998	
50MHz	DFT-s-OFDM QPSK	1	1	22.01	22.19	22.12	22.20	21.99	23.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				503202	510900	518598	526302	534000	
40MHz	DFT-s-OFDM QPSK	1	1	22.11	22.22	22.02	22.18	22.07	23.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				502200	510402	518598	526800	534996	
30MHz	DFT-s-OFDM QPSK	1	1	22.05	22.14	22.01	22.22	22.00	23.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				501204	509904	518598	527298	535998	
20MHz	DFT-s-OFDM QPSK	1	1	22.05	22.04	22.27	22.28	22.12	23.00

N41 PC3 State 8				Conducted Power(dBm)					
SCS 30kHz									
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				509202	513900	518598	523302	528000	
				2546.01	2569.5	2592.99	2616.51	2640	
100MHz	DFT-s-OFDM QPSK	1	1	20.07	20.10	20.22	20.29	19.99	21.00
		1	137	20.12	20.06	19.94	20.09	20.07	21.00
		1	271	19.80	19.91	19.85	19.82	19.87	21.00
		135	0	19.13	19.15	19.18	19.25	19.29	20.00
		135	69	20.23	20.13	20.12	**19.92**	20.03	21.00
		135	138	18.98	18.91	19.00	18.98	19.04	20.00
		270	0	19.06	19.03	19.05	19.04	19.09	20.00
	DFT-s-OFDM 16QAM	1	1	19.37	19.34	19.18	19.31	19.30	20.00
	DFT-s-OFDM 64QAM	1	1	17.81	17.81	17.84	18.00	17.80	18.50

	DFT-s-OFDM 256QAM	1	1	15.65	15.48	15.63	15.45	15.46	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				509202	513900	518598	523302	528000	
100MHz	CP-OFDM QPSK	1	1	18.85	18.73	18.80	18.68	18.81	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				508200	513402	518598	523800	528996	
90MHz	DFT-s-OFDM QPSK	1	1	20.07	20.04	20.15	20.28	20.04	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				507204	512904	518598	524298	529998	
80MHz	DFT-s-OFDM QPSK	1	1	20.08	20.11	20.20	20.18	20.09	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				506202	512403	518598	524799	530997	
70MHz	DFT-s-OFDM QPSK	1	1	19.92	20.24	20.29	20.19	20.07	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				505200	511902	518598	525300	531996	
60MHz	DFT-s-OFDM QPSK	1	1	19.86	20.14	20.20	20.26	19.99	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				504204	511404	518598	525798	532998	
50MHz	DFT-s-OFDM QPSK	1	1	20.10	20.21	20.14	20.30	19.99	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				503202	510900	518598	526302	534000	
40MHz	DFT-s-OFDM QPSK	1	1	20.14	20.29	20.14	20.20	20.07	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				502200	510402	518598	526800	534996	
30MHz	DFT-s-OFDM QPSK	1	1	20.21	20.14	20.04	20.09	20.01	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				501204	509904	518598	527298	535998	
20MHz	DFT-s-OFDM QPSK	1	1	19.96	20.09	20.21	20.10	20.11	21.00

N66 State 5/10	Conducted Power(dBm)

SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				346000	349000	352000	
				1730	1745	1760	
40MHz	DFT-s-OFDM QPSK	1	1	24.05	24.10	24.11	25.00
		1	108	24.15	24.23	24.20	25.00
		1	214	24.26	24.35	24.28	25.00
		108	0	23.13	23.20	23.27	24.00
		108	54	24.17	24.27	24.24	25.00
		108	108	23.34	23.27	23.29	24.00
		216	0	23.19	23.27	23.33	24.00
	DFT-s-OFDM 16QAM	1	1	23.17	23.12	23.09	24.00
	DFT-s-OFDM 64QAM	1	1	21.81	21.74	21.70	22.50
	DFT-s-OFDM 256QAM	1	1	19.36	19.44	19.47	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				346000	349000	352000	
40MHz	CP-OFDM QPSK	1	1	22.74	22.75	22.76	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				345500	349000	352500	
35MHz	DFT-s-OFDM QPSK	1	1	24.03	24.08	24.08	25.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				345000	349000	353000	
30MHz	DFT-s-OFDM QPSK	1	1	24.12	24.20	24.16	25.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				344500	349000	353500	
25MHz	DFT-s-OFDM QPSK	1	1	23.99	24.18	24.06	25.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				344000	349000	354000	
20MHz	DFT-s-OFDM QPSK	1	1	24.15	24.06	24.14	25.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				343500	349000	354500	

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15MHz	DFT-s-OFDM QPSK	1	1	24.07	24.16	24.21	25.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				343000	349000	355000	
10MHz	DFT-s-OFDM QPSK	1	1	24.14	24.00	24.16	25.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				342500	349000	355500	
5MHz	DFT-s-OFDM QPSK	1	1	24.07	24.07	24.15	25.00

N66 State 3				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				346000	349000	352000	
				1730	1745	1760	
40MHz	DFT-s-OFDM QPSK	1	1	20.95	21.15	21.18	22.00
		1	108	21.16	21.33	21.26	22.00
		1	214	21.24	21.32	21.18	22.00
		108	0	20.04	20.29	20.26	21.00
		108	54	21.22	21.25	21.30	22.00
		108	108	20.37	20.31	20.34	21.00
		216	0	20.14	20.18	20.38	21.00
	DFT-s-OFDM 16QAM	1	1	20.10	20.15	20.16	21.00
	DFT-s-OFDM 64QAM	1	1	18.80	18.70	18.62	19.50
	DFT-s-OFDM 256QAM	1	1	16.35	16.50	16.49	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				346000	349000	352000	
40MHz	CP-OFDM QPSK	1	1	19.73	19.80	19.85	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				345500	349000	352500	
35MHz	DFT-s-OFDM QPSK	1	1	20.94	21.07	21.17	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				345000	349000	353000	

30MHz	DFT-s-OFDM QPSK	1	1	21.07	21.24	21.06	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				344500	349000	353500	
25MHz	DFT-s-OFDM QPSK	1	1	21.00	21.28	21.09	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				344000	349000	354000	
20MHz	DFT-s-OFDM QPSK	1	1	21.06	21.02	21.09	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				343500	349000	354500	
15MHz	DFT-s-OFDM QPSK	1	1	21.17	21.12	21.26	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				343000	349000	355000	
10MHz	DFT-s-OFDM QPSK	1	1	21.23	20.99	21.10	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				342500	349000	355500	
5MHz	DFT-s-OFDM QPSK	1	1	21.17	21.05	21.25	22.00

N66 State 8				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				346000	349000	352000	
				1730	1745	1760	
40MHz	DFT-s-OFDM QPSK	1	1	19.12	19.07	19.11	20.00
		1	108	19.22	19.22	19.25	20.00
		1	214	19.22	19.32	19.28	20.00
		108	0	18.04	18.30	18.30	19.00
		108	54	19.13	19.29	19.26	20.00
		108	108	18.36	18.33	18.30	19.00
		216	0	18.12	18.30	18.42	19.00
	DFT-s-OFDM 16QAM	1	1	18.08	18.08	18.09	19.00
	DFT-s-OFDM 64QAM	1	1	16.81	16.83	16.75	17.50

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	DFT-s-OFDM 256QAM	1	1	14.29	14.43	14.44	15.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				346000	349000	352000	
40MHz	CP-OFDM QPSK	1	1	17.73	17.84	17.77	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				345500	349000	352500	
35MHz	DFT-s-OFDM QPSK	1	1	19.01	19.17	19.10	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				345000	349000	353000	
30MHz	DFT-s-OFDM QPSK	1	1	19.12	19.19	19.25	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				344500	349000	353500	
25MHz	DFT-s-OFDM QPSK	1	1	19.06	19.12	18.97	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				344000	349000	354000	
20MHz	DFT-s-OFDM QPSK	1	1	19.16	19.00	19.18	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				343500	349000	354500	
15MHz	DFT-s-OFDM QPSK	1	1	19.13	19.18	19.31	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				343000	349000	355000	
10MHz	DFT-s-OFDM QPSK	1	1	19.14	18.90	19.19	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				342500	349000	355500	
5MHz	DFT-s-OFDM QPSK	1	1	19.03	19.06	19.09	20.00

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8.5 Conducted Power of NR Antenna (Ant5)

N7 State 3				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				505000	507000	509000	
				2525	2535	2545	
50MHz	DFT-s-OFDM QPSK	1	1	21.88	21.97	21.86	23.70
		1	135	21.84	21.94	21.91	23.70
		1	268	21.81	21.74	21.71	23.70
		135	0	20.92	20.83	20.77	22.70
		135	67	21.93	21.91	21.98	23.70
		135	135	20.86	20.81	20.76	22.70
		270	0	20.86	20.88	20.96	22.70
	DFT-s-OFDM 16QAM	1	1	21.21	21.23	21.14	22.70
	DFT-s-OFDM 64QAM	1	1	19.52	19.54	19.60	21.20
	DFT-s-OFDM 256QAM	1	1	17.34	17.42	17.35	19.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				505000	507000	509000	
50MHz	CP-OFDM QPSK	1	1	20.28	20.37	20.41	22.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				504000	507000	510000	
40MHz	DFT-s-OFDM QPSK	1	1	21.88	22.02	21.80	23.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				503000	507000	511000	
30MHz	DFT-s-OFDM QPSK	1	1	21.96	22.02	21.87	23.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				502500	507000	511500	
25MHz	DFT-s-OFDM QPSK	1	1	21.82	21.98	21.93	23.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				502000	507000	512000	
20MHz	DFT-s-OFDM QPSK	1	1	21.81	21.99	21.79	23.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up

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				501500	507000	512500	
15MHz	DFT-s-OFDM QPSK	1	1	21.95	22.04	21.85	23.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				501000	507000	513000	
10MHz	DFT-s-OFDM QPSK	1	1	21.78	21.96	21.85	23.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				500500	507000	513500	
5MHz	DFT-s-OFDM QPSK	1	1	21.93	22.06	21.82	23.70

N7 State 5				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				505000	507000	509000	
				2525	2535	2545	
50MHz	DFT-s-OFDM QPSK	1	1	19.85	20.03	19.89	21.70
		1	135	19.95	19.91	19.88	21.70
		1	268	19.76	19.72	19.74	21.70
		135	0	18.91	18.78	18.87	20.70
		135	67	19.94	20.04	20.12	21.70
		135	135	19.00	18.89	18.79	20.70
		270	0	18.94	18.99	19.01	20.70
	DFT-s-OFDM 16QAM	1	1	19.31	19.27	19.12	20.70
	DFT-s-OFDM 64QAM	1	1	17.51	17.67	17.56	19.20
	DFT-s-OFDM 256QAM	1	1	15.36	15.56	15.37	17.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				505000	507000	509000	
50MHz	CP-OFDM QPSK	1	1	18.42	18.41	18.52	20.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				504000	507000	510000	
40MHz	DFT-s-OFDM QPSK	1	1	19.87	20.17	19.79	21.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				503000	507000	511000	

30MHz	DFT-s-OFDM QPSK	1	1	20.09	20.04	19.86	21.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				502500	507000	511500	
25MHz	DFT-s-OFDM QPSK	1	1	19.92	20.13	20.08	21.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				502000	507000	512000	
20MHz	DFT-s-OFDM QPSK	1	1	19.90	20.01	19.86	21.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				501500	507000	512500	
15MHz	DFT-s-OFDM QPSK	1	1	20.02	20.10	19.83	21.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				501000	507000	513000	
10MHz	DFT-s-OFDM QPSK	1	1	19.86	20.00	19.88	21.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				500500	507000	513500	
5MHz	DFT-s-OFDM QPSK	1	1	20.02	20.03	19.96	21.70

N7 State 8				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				505000	507000	509000	
				2525	2535	2545	
50MHz	DFT-s-OFDM QPSK	1	1	21.31	21.52	21.44	23.20
		1	135	21.28	21.54	21.43	23.20
		1	268	21.29	21.34	21.24	23.20
		135	0	20.38	20.33	20.27	22.20
		135	67	21.49	21.31	21.51	23.20
		135	135	20.46	20.24	20.29	22.20
		270	0	20.33	20.34	20.38	22.20
	DFT-s-OFDM 16QAM	1	1	20.70	20.83	20.60	22.20
	DFT-s-OFDM 64QAM	1	1	19.01	19.07	19.13	20.70

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	DFT-s-OFDM 256QAM	1	1	16.75	16.96	16.91	18.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				505000	507000	509000	
50MHz	CP-OFDM QPSK	1	1	19.80	19.84	19.83	21.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				504000	507000	510000	
40MHz	DFT-s-OFDM QPSK	1	1	21.30	21.50	21.40	23.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				503000	507000	511000	
30MHz	DFT-s-OFDM QPSK	1	1	21.55	21.57	21.47	23.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				502500	507000	511500	
25MHz	DFT-s-OFDM QPSK	1	1	21.27	21.45	21.44	23.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				502000	507000	512000	
20MHz	DFT-s-OFDM QPSK	1	1	21.34	21.49	21.27	23.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				501500	507000	512500	
15MHz	DFT-s-OFDM QPSK	1	1	21.47	21.45	21.29	23.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				501000	507000	513000	
10MHz	DFT-s-OFDM QPSK	1	1	21.33	21.49	21.34	23.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				500500	507000	513500	
5MHz	DFT-s-OFDM QPSK	1	1	21.38	21.55	21.27	23.20

N7 State 10				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				505000	507000	509000	
				2525	2535	2545	

50MHz	DFT-s-OFDM QPSK	1	1	18.99	18.98	18.95	20.70
		1	135	18.82	18.97	18.98	20.70
		1	268	18.87	18.73	18.85	20.70
		135	0	18.04	17.82	17.82	19.70
		135	67	19.09	19.09	19.15	20.70
		135	135	18.01	17.90	17.89	19.70
		270	0	17.84	18.00	18.12	19.70
	DFT-s-OFDM 16QAM	1	1	18.20	18.22	18.22	19.70
	DFT-s-OFDM 64QAM	1	1	16.66	16.65	16.72	18.20
	DFT-s-OFDM 256QAM	1	1	14.35	14.42	14.48	16.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				505000	507000	509000	
50MHz	CP-OFDM QPSK	1	1	17.39	17.36	17.40	19.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				504000	507000	510000	
40MHz	DFT-s-OFDM QPSK	1	1	19.06	19.16	18.94	20.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				503000	507000	511000	
30MHz	DFT-s-OFDM QPSK	1	1	18.94	19.19	18.92	20.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				502500	507000	511500	
25MHz	DFT-s-OFDM QPSK	1	1	18.98	19.05	19.00	20.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				502000	507000	512000	
20MHz	DFT-s-OFDM QPSK	1	1	18.96	19.16	18.80	20.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				501500	507000	512500	
15MHz	DFT-s-OFDM QPSK	1	1	19.02	19.18	18.90	20.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				501000	507000	513000	

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10MHz	DFT-s-OFDM QPSK	1	1	18.87	19.01	18.90	20.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				500500	507000	513500	
5MHz	DFT-s-OFDM QPSK	1	1	19.10	19.04	18.94	20.70

N38 State 3				Conducted Power(dBm)			
SCS 30kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				518000	519000	520000	
				2590	2595	2600	
40MHz	DFT-s-OFDM QPSK	1	1	21.52	21.55	21.49	23.20
		1	53	21.34	21.35	21.33	23.20
		1	104	21.21	21.23	21.23	23.20
		50	0	20.32	20.41	20.45	22.20
		50	28	21.43	21.35	21.41	23.20
		50	56	20.28	20.24	20.22	22.20
		100	0	20.32	20.33	20.25	22.20
	DFT-s-OFDM 16QAM	1	1	20.27	20.32	20.23	22.20
	DFT-s-OFDM 64QAM	1	1	19.25	19.30	19.32	20.70
	DFT-s-OFDM 256QAM	1	1	16.90	16.83	16.93	18.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				518000	519000	520000	
40MHz	CP-OFDM QPSK	1	1	20.04	19.94	20.01	21.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				517000	519000	521000	
30MHz	DFT-s-OFDM QPSK	1	1	21.48	21.59	21.57	23.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				516000	519000	522000	
20MHz	DFT-s-OFDM QPSK	1	1	21.50	21.57	21.59	23.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				515500	519000	522500	

15MHz	DFT-s-OFDM QPSK	1	1	21.46	21.57	21.53	23.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				515000	519000	523000	
10MHz	DFT-s-OFDM QPSK	1	1	21.44	21.52	21.39	23.20

N38 State 5				Conducted Power(dBm)			
SCS 30kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				518000	519000	520000	
				2590	2595	2600	
40MHz	DFT-s-OFDM QPSK	1	1	18.49	18.64	18.64	20.20
		1	53	18.41	18.34	18.44	20.20
		1	104	18.47	18.49	18.55	20.20
		50	0	17.49	17.53	17.62	19.20
		50	28	18.48	18.46	18.66	20.20
		50	56	17.58	17.34	17.44	19.20
		100	0	17.42	17.46	17.47	19.20
	DFT-s-OFDM 16QAM	1	1	17.44	17.57	17.32	19.20
	DFT-s-OFDM 64QAM	1	1	16.52	16.48	16.51	17.70
	DFT-s-OFDM 256QAM	1	1	14.26	13.88	14.11	15.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				518000	519000	520000	
40MHz	CP-OFDM QPSK	1	1	17.27	16.93	17.20	18.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				517000	519000	521000	
30MHz	DFT-s-OFDM QPSK	1	1	18.73	18.71	18.86	20.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				516000	519000	522000	
20MHz	DFT-s-OFDM QPSK	1	1	18.85	18.88	18.69	20.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				515500	519000	522500	

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15MHz	DFT-s-OFDM QPSK	1	1	18.54	18.84	18.68	20.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				515000	519000	523000	
10MHz	DFT-s-OFDM QPSK	1	1	18.55	18.61	18.60	20.20

N38 State 8				Conducted Power(dBm)			
SCS 30kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				518000	519000	520000	
				2590	2595	2600	
40MHz	DFT-s-OFDM QPSK	1	1	20.99	21.06	20.93	22.70
		1	53	20.82	20.82	20.87	22.70
		1	104	20.76	20.77	20.79	22.70
		50	0	19.76	19.94	19.89	21.70
		50	28	20.98	20.87	20.93	22.70
		50	56	19.79	19.79	19.76	21.70
		100	0	19.75	19.75	19.73	21.70
	DFT-s-OFDM 16QAM	1	1	19.79	19.88	19.78	21.70
	DFT-s-OFDM 64QAM	1	1	18.72	18.72	18.83	20.20
	DFT-s-OFDM 256QAM	1	1	16.42	16.35	16.47	18.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				518000	519000	520000	
40MHz	CP-OFDM QPSK	1	1	19.53	19.44	19.56	21.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				517000	519000	521000	
30MHz	DFT-s-OFDM QPSK	1	1	20.97	21.08	21.04	22.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				516000	519000	522000	
20MHz	DFT-s-OFDM QPSK	1	1	20.96	21.10	21.13	22.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				515500	519000	522500	

15MHz	DFT-s-OFDM QPSK	1	1	20.97	20.99	20.97	22.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				515000	519000	523000	
10MHz	DFT-s-OFDM QPSK	1	1	20.95	21.04	20.82	22.70

N38 State 10				Conducted Power(dBm)			
SCS 30kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				518000	519000	520000	
				2590	2595	2600	
40MHz	DFT-s-OFDM QPSK	1	1	17.57	17.84	17.57	19.20
		1	53	17.57	17.50	17.37	19.20
		1	104	17.48	17.66	17.51	19.20
		50	0	16.40	16.61	16.56	18.20
		50	28	17.48	17.48	17.57	19.20
		50	56	16.40	16.36	16.41	18.20
		100	0	16.41	16.44	16.50	18.20
	DFT-s-OFDM 16QAM	1	1	16.54	16.62	16.44	18.20
	DFT-s-OFDM 64QAM	1	1	15.43	15.50	15.45	16.70
	DFT-s-OFDM 256QAM	1	1	13.02	12.93	13.24	14.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				518000	519000	520000	
40MHz	CP-OFDM QPSK	1	1	16.31	16.06	16.21	17.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				517000	519000	521000	
30MHz	DFT-s-OFDM QPSK	1	1	17.75	17.85	17.73	19.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				516000	519000	522000	
20MHz	DFT-s-OFDM QPSK	1	1	17.73	17.81	17.63	19.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				515500	519000	522500	

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15MHz	DFT-s-OFDM QPSK	1	1	17.58	17.82	17.62	19.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				515000	519000	523000	
10MHz	DFT-s-OFDM QPSK	1	1	17.44	17.55	17.60	19.20

N41 PC2 State 3				Conducted Power(dBm)					
SCS 30kHz									
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				509202	513900	518598	523302	528000	
				2546.01	2569.5	2592.99	2616.51	2640	
100MHz	DFT-s-OFDM QPSK	1	1	22.83	22.81	22.42	22.60	22.35	23.70
		1	137	22.42	22.48	22.04	22.07	21.94	23.70
		1	271	22.01	22.02	21.75	21.76	21.75	23.70
		135	0	19.77	19.87	19.51	19.56	19.43	20.20
		135	69	22.55	22.64	22.19	**22.19**	22.24	23.70
		135	138	19.53	19.69	19.28	19.29	19.28	20.20
		270	0	22.18	21.98	21.61	21.55	21.49	22.70
	DFT-s-OFDM 16QAM	1	1	22.09	21.94	21.68	21.77	21.61	22.70
	DFT-s-OFDM 64QAM	1	1	20.70	20.72	20.42	20.50	20.33	21.20
	DFT-s-OFDM 256QAM	1	1	18.24	18.34	17.91	17.93	17.82	19.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				509202	513900	518598	523302	528000	
100MHz	CP-OFDM QPSK	1	1	21.61	21.53	21.19	21.11	21.15	22.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				508200	513402	518598	523800	528996	
90MHz	DFT-s-OFDM QPSK	1	1	22.81	22.74	22.37	22.52	22.33	23.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				507204	512904	518598	524298	529998	
80MHz	DFT-s-OFDM QPSK	1	1	22.79	22.75	22.36	22.57	22.26	23.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				506202	512403	518598	524799	530997	

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70MHz	DFT-s-OFDM QPSK	1	1	22.80	22.78	22.39	22.56	22.26	23.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				505200	511902	518598	525300	531996	
60MHz	DFT-s-OFDM QPSK	1	1	22.75	22.78	22.38	22.54	22.28	23.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				504204	511404	518598	525798	532998	
50MHz	DFT-s-OFDM QPSK	1	1	22.79	22.74	22.36	22.56	22.30	23.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				503202	510900	518598	526302	534000	
40MHz	DFT-s-OFDM QPSK	1	1	22.76	22.74	22.36	22.54	22.26	23.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				502200	510402	518598	526800	534996	
30MHz	DFT-s-OFDM QPSK	1	1	22.79	22.80	22.35	22.54	22.29	23.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				501204	509904	518598	527298	535998	
20MHz	DFT-s-OFDM QPSK	1	1	22.82	22.80	22.37	22.59	22.31	23.70

N41 PC2 State 5				Conducted Power(dBm)					
SCS 30kHz									
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				509202	513900	518598	523302	528000	
				2546.01	2569.5	2592.99	2616.51	2640	
100MHz	DFT-s-OFDM QPSK	1	1	19.48	19.45	19.09	19.16	18.97	20.20
		1	137	18.96	19.12	18.64	18.70	18.56	20.20
		1	271	18.61	18.62	18.29	18.36	18.28	20.20
		135	0	16.32	16.42	16.10	16.11	15.98	16.70
		135	69	19.12	19.22	18.87	**18.82**	18.90	20.20
		135	138	16.10	16.27	15.87	15.93	15.86	16.70
		270	0	18.84	18.51	18.21	18.12	18.07	19.20
	DFT-s-OFDM 16QAM	1	1	18.68	18.55	18.28	18.40	18.18	19.20
	DFT-s-OFDM 64QAM	1	1	17.33	17.34	17.01	17.13	16.91	17.70

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	DFT-s-OFDM 256QAM	1	1	14.86	14.94	14.43	14.51	14.43	15.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				509202	513900	518598	523302	528000	
100MHz	CP-OFDM QPSK	1	1	18.20	18.15	17.77	17.73	17.77	18.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				508200	513402	518598	523800	528996	
90MHz	DFT-s-OFDM QPSK	1	1	19.40	19.30	18.96	19.14	18.86	20.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				507204	512904	518598	524298	529998	
80MHz	DFT-s-OFDM QPSK	1	1	19.42	19.37	18.95	19.15	18.83	20.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				506202	512403	518598	524799	530997	
70MHz	DFT-s-OFDM QPSK	1	1	19.40	19.34	19.05	19.18	18.83	20.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				505200	511902	518598	525300	531996	
60MHz	DFT-s-OFDM QPSK	1	1	19.29	19.39	18.99	19.13	18.85	20.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				504204	511404	518598	525798	532998	
50MHz	DFT-s-OFDM QPSK	1	1	19.41	19.31	19.01	19.19	18.84	20.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				503202	510900	518598	526302	534000	
40MHz	DFT-s-OFDM QPSK	1	1	19.34	19.39	18.96	19.14	18.81	20.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				502200	510402	518598	526800	534996	
30MHz	DFT-s-OFDM QPSK	1	1	19.39	19.35	18.99	19.14	18.86	20.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				501204	509904	518598	527298	535998	
20MHz	DFT-s-OFDM QPSK	1	1	19.49	19.37	19.01	19.16	18.97	20.20

N41 PC2 State 8	Conducted Power(dBm)

SCS 30kHz									
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				509202	513900	518598	523302	528000	
				2546.01	2569.5	2592.99	2616.51	2640	
100MHz	DFT-s-OFDM QPSK	1	1	21.90	21.89	21.46	21.65	21.42	22.70
		1	137	21.45	21.53	21.05	21.16	21.01	22.70
		1	271	21.08	21.10	20.77	20.77	20.82	22.70
		135	0	18.80	18.89	18.60	18.60	18.50	19.20
		135	69	21.56	21.70	21.25	**21.25**	21.28	22.70
		135	138	18.58	18.72	18.36	18.33	18.36	19.20
		270	0	21.24	21.05	20.67	20.58	20.58	21.70
	DFT-s-OFDM 16QAM	1	1	21.17	20.95	20.73	20.85	20.70	21.70
	DFT-s-OFDM 64QAM	1	1	19.74	19.81	19.49	19.59	19.34	20.20
	DFT-s-OFDM 256QAM	1	1	17.31	17.38	16.96	16.95	16.87	18.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				509202	513900	518598	523302	528000	
100MHz	CP-OFDM QPSK	1	1	20.66	20.54	20.25	20.12	20.22	21.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				508200	513402	518598	523800	528996	
90MHz	DFT-s-OFDM QPSK	1	1	21.88	21.76	21.38	21.61	21.41	22.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				507204	512904	518598	524298	529998	
80MHz	DFT-s-OFDM QPSK	1	1	21.82	21.83	21.42	21.63	21.27	22.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				506202	512403	518598	524799	530997	
70MHz	DFT-s-OFDM QPSK	1	1	21.89	21.79	21.47	21.62	21.29	22.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				505200	511902	518598	525300	531996	
60MHz	DFT-s-OFDM QPSK	1	1	21.78	21.84	21.47	21.60	21.32	22.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				504204	511404	518598	525798	532998	

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50MHz	DFT-s-OFDM QPSK	1	1	21.88	21.77	21.43	21.60	21.35	22.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				503202	510900	518598	526302	534000	
40MHz	DFT-s-OFDM QPSK	1	1	21.84	21.79	21.39	21.56	21.34	22.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				502200	510402	518598	526800	534996	
30MHz	DFT-s-OFDM QPSK	1	1	21.88	21.84	21.44	21.63	21.36	22.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				501204	509904	518598	527298	535998	
20MHz	DFT-s-OFDM QPSK	1	1	21.89	21.89	21.42	21.63	21.34	22.70

N41 PC2 State 10				Conducted Power(dBm)					
SCS 30kHz									
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				509202	513900	518598	523302	528000	
				2546.01	2569.5	2592.99	2616.51	2640	
100MHz	DFT-s-OFDM QPSK	1	1	18.30	18.24	17.90	18.12	17.81	19.20
		1	137	17.96	18.04	17.50	17.57	17.49	19.20
		1	271	17.53	17.52	17.23	17.28	17.27	19.20
		135	0	15.25	15.38	15.00	15.04	14.91	15.70
		135	69	18.04	18.14	17.64	**17.64**	17.68	19.20
		135	138	15.07	15.13	14.77	14.78	14.74	15.70
		270	0	17.66	17.53	17.13	17.11	16.97	18.20
	DFT-s-OFDM 16QAM	1	1	17.58	17.40	17.19	17.31	17.09	18.20
	DFT-s-OFDM 64QAM	1	1	16.28	16.24	15.91	16.06	15.82	16.70
	DFT-s-OFDM 256QAM	1	1	13.77	13.86	13.36	13.42	13.31	14.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				509202	513900	518598	523302	528000	
100MHz	CP-OFDM QPSK	1	1	17.11	17.05	16.71	16.66	16.61	17.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				508200	513402	518598	523800	528996	

90MHz	DFT-s-OFDM QPSK	1	1	18.33	18.21	17.86	18.08	17.78	19.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				507204	512904	518598	524298	529998	
80MHz	DFT-s-OFDM QPSK	1	1	18.24	18.26	17.90	18.09	17.75	19.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				506202	512403	518598	524799	530997	
70MHz	DFT-s-OFDM QPSK	1	1	18.30	18.30	17.94	18.04	17.82	19.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				505200	511902	518598	525300	531996	
60MHz	DFT-s-OFDM QPSK	1	1	18.20	18.24	17.94	18.03	17.78	19.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				504204	511404	518598	525798	532998	
50MHz	DFT-s-OFDM QPSK	1	1	18.24	18.22	17.89	18.03	17.73	19.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				503202	510900	518598	526302	534000	
40MHz	DFT-s-OFDM QPSK	1	1	18.26	18.31	17.85	18.01	17.78	19.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				502200	510402	518598	526800	534996	
30MHz	DFT-s-OFDM QPSK	1	1	18.33	18.30	17.89	18.01	17.81	19.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				501204	509904	518598	527298	535998	
20MHz	DFT-s-OFDM QPSK	1	1	18.25	18.31	17.89	18.17	17.85	19.20

N41 PC3 State 3				Conducted Power(dBm)					
SCS 30kHz									
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				509202	513900	518598	523302	528000	
				2546.01	2569.5	2592.99	2616.51	2640	
100MHz	DFT-s-OFDM QPSK	1	1	22.33	22.31	21.92	22.10	21.85	23.20
		1	137	21.92	21.98	21.54	21.57	21.44	23.20
		1	271	21.61	21.62	21.26	21.36	21.28	23.20

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		135	0	20.62	20.59	20.64	20.72	20.58	22.20
		135	69	22.05	22.14	21.69	**21.69**	21.74	23.20
		135	138	20.30	20.36	20.37	20.41	20.27	22.20
		270	0	20.47	20.52	20.56	20.46	20.53	22.20
	DFT-s-OFDM 16QAM	1	1	21.59	21.44	21.18	21.27	21.11	22.20
	DFT-s-OFDM 64QAM	1	1	20.20	19.85	19.92	20.00	19.83	20.70
	DFT-s-OFDM 256QAM	1	1	17.74	17.84	17.41	17.43	17.32	18.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				509202	513900	518598	523302	528000	
100MHz	CP-OFDM QPSK	1	1	21.11	21.03	20.69	20.61	20.65	21.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				508200	513402	518598	523800	528996	
90MHz	DFT-s-OFDM QPSK	1	1	22.30	22.31	21.99	22.05	21.89	23.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				507204	512904	518598	524298	529998	
80MHz	DFT-s-OFDM QPSK	1	1	22.40	22.28	21.90	22.15	21.84	23.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				506202	512403	518598	524799	530997	
70MHz	DFT-s-OFDM QPSK	1	1	22.29	22.27	21.91	22.19	21.76	23.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				505200	511902	518598	525300	531996	
60MHz	DFT-s-OFDM QPSK	1	1	22.27	22.33	21.87	22.03	21.75	23.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				504204	511404	518598	525798	532998	
50MHz	DFT-s-OFDM QPSK	1	1	22.42	22.26	21.92	22.12	21.92	23.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				503202	510900	518598	526302	534000	
40MHz	DFT-s-OFDM QPSK	1	1	22.29	22.22	21.87	22.14	21.93	23.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				502200	510402	518598	526800	534996	

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30MHz	DFT-s-OFDM QPSK	1	1	22.39	22.21	21.82	22.04	21.89	23.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				501204	509904	518598	527298	535998	
20MHz	DFT-s-OFDM QPSK	1	1	22.42	22.26	22.00	22.18	21.88	23.20

N41 PC3 State 5				Conducted Power(dBm)					
SCS 30kHz									
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				509202	513900	518598	523302	528000	
				2546.01	2569.5	2592.99	2616.51	2640	
100MHz	DFT-s-OFDM QPSK	1	1	18.90	18.83	18.42	18.63	18.40	19.70
		1	137	18.47	18.42	18.10	18.12	18.05	19.70
		1	271	18.22	18.11	17.72	17.85	17.76	19.70
		135	0	17.17	17.09	17.14	17.31	17.10	18.70
		135	69	18.51	18.66	18.17	**18.20**	18.34	19.70
		135	138	16.86	16.93	16.97	16.96	16.86	18.70
		270	0	16.94	17.00	17.19	16.96	17.02	18.70
	DFT-s-OFDM 16QAM	1	1	18.20	18.02	17.67	17.73	17.62	18.70
	DFT-s-OFDM 64QAM	1	1	16.77	16.34	16.43	16.50	16.50	17.20
	DFT-s-OFDM 256QAM	1	1	14.33	14.34	13.98	14.04	13.86	15.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				509202	513900	518598	523302	528000	
100MHz	CP-OFDM QPSK	1	1	17.63	17.65	17.12	17.16	17.30	18.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				508200	513402	518598	523800	528996	
90MHz	DFT-s-OFDM QPSK	1	1	18.75	18.93	18.60	18.69	18.47	19.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				507204	512904	518598	524298	529998	
80MHz	DFT-s-OFDM QPSK	1	1	18.87	18.88	18.40	18.70	18.43	19.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				506202	512403	518598	524799	530997	

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70MHz	DFT-s-OFDM QPSK	1	1	18.87	18.79	18.49	18.85	18.40	19.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				505200	511902	518598	525300	531996	
60MHz	DFT-s-OFDM QPSK	1	1	18.85	18.90	18.36	18.71	18.35	19.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				504204	511404	518598	525798	532998	
50MHz	DFT-s-OFDM QPSK	1	1	18.92	18.79	18.38	18.60	18.57	19.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				503202	510900	518598	526302	534000	
40MHz	DFT-s-OFDM QPSK	1	1	18.93	18.76	18.43	18.76	18.34	19.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				502200	510402	518598	526800	534996	
30MHz	DFT-s-OFDM QPSK	1	1	18.99	18.79	18.42	18.64	18.45	19.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				501204	509904	518598	527298	535998	
20MHz	DFT-s-OFDM QPSK	1	1	18.86	18.71	18.51	18.64	18.44	19.70

N41 PC3 State 8				Conducted Power(dBm)					
SCS 30kHz									
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				509202	513900	518598	523302	528000	
				2546.01	2569.5	2592.99	2616.51	2640	
100MHz	DFT-s-OFDM QPSK	1	1	21.41	21.41	20.90	21.00	20.93	22.20
		1	137	20.96	20.88	20.46	20.60	20.37	22.20
		1	271	20.69	20.53	20.27	20.42	20.33	22.20
		135	0	19.58	19.49	19.56	19.78	19.50	21.20
		135	69	20.99	21.09	20.70	**20.72**	20.82	22.20
		135	138	19.39	19.41	19.31	19.37	19.23	21.20
		270	0	19.38	19.61	19.55	19.50	19.43	21.20
	DFT-s-OFDM 16QAM	1	1	20.51	20.44	20.12	20.20	20.14	21.20
	DFT-s-OFDM 64QAM	1	1	19.18	18.84	18.86	18.97	18.84	19.70

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	DFT-s-OFDM 256QAM	1	1	16.72	16.92	16.35	16.33	16.27	17.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				509202	513900	518598	523302	528000	
100MHz	CP-OFDM QPSK	1	1	20.11	19.95	19.71	19.61	19.62	20.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				508200	513402	518598	523800	528996	
90MHz	DFT-s-OFDM QPSK	1	1	21.30	21.21	21.02	20.96	20.85	22.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				507204	512904	518598	524298	529998	
80MHz	DFT-s-OFDM QPSK	1	1	21.50	21.33	20.90	21.16	20.90	22.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				506202	512403	518598	524799	530997	
70MHz	DFT-s-OFDM QPSK	1	1	21.35	21.25	20.96	21.19	20.75	22.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				505200	511902	518598	525300	531996	
60MHz	DFT-s-OFDM QPSK	1	1	21.30	21.40	20.96	21.04	20.70	22.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				504204	511404	518598	525798	532998	
50MHz	DFT-s-OFDM QPSK	1	1	21.41	21.16	20.84	21.09	20.98	22.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				503202	510900	518598	526302	534000	
40MHz	DFT-s-OFDM QPSK	1	1	21.27	21.16	20.88	21.23	21.01	22.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				502200	510402	518598	526800	534996	
30MHz	DFT-s-OFDM QPSK	1	1	21.31	21.12	20.81	21.07	20.86	22.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				501204	509904	518598	527298	535998	
20MHz	DFT-s-OFDM QPSK	1	1	21.33	21.21	20.97	21.25	20.78	22.20

N41 PC3 State 10	Conducted Power(dBm)

SCS 30kHz									
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				509202	513900	518598	523302	528000	
				2546.01	2569.5	2592.99	2616.51	2640	
100MHz	DFT-s-OFDM QPSK	1	1	17.88	17.88	17.31	17.45	17.21	18.70
		1	137	17.44	17.43	16.91	16.96	16.94	18.70
		1	271	17.05	17.01	17.06	16.86	16.70	18.70
		135	0	16.20	16.15	16.17	16.15	16.08	17.70
		135	69	17.56	17.53	17.20	**17.08**	17.23	18.70
		135	138	15.89	15.86	15.79	15.84	15.70	17.70
		270	0	16.00	15.98	16.03	15.87	16.03	17.70
	DFT-s-OFDM 16QAM	1	1	17.16	16.86	16.70	16.78	16.51	17.70
	DFT-s-OFDM 64QAM	1	1	15.01	15.43	15.30	15.52	15.29	16.20
	DFT-s-OFDM 256QAM	1	1	13.17	13.20	12.79	12.84	12.79	14.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				509202	513900	518598	523302	528000	
100MHz	CP-OFDM QPSK	1	1	16.65	16.55	16.10	15.94	15.99	17.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				508200	513402	518598	523800	528996	
90MHz	DFT-s-OFDM QPSK	1	1	17.68	17.66	17.46	17.41	17.27	18.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				507204	512904	518598	524298	529998	
80MHz	DFT-s-OFDM QPSK	1	1	17.85	17.67	17.30	17.52	17.29	18.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				506202	512403	518598	524799	530997	
70MHz	DFT-s-OFDM QPSK	1	1	17.73	17.79	17.29	17.54	17.20	18.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				505200	511902	518598	525300	531996	
60MHz	DFT-s-OFDM QPSK	1	1	17.85	17.88	17.32	17.41	17.18	18.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				504204	511404	518598	525798	532998	

50MHz	DFT-s-OFDM QPSK	1	1	17.86	17.72	17.44	17.58	17.39	18.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				503202	510900	518598	526302	534000	
40MHz	DFT-s-OFDM QPSK	1	1	17.63	17.78	17.39	17.55	17.36	18.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				502200	510402	518598	526800	534996	
30MHz	DFT-s-OFDM QPSK	1	1	17.94	17.52	17.24	17.53	17.28	18.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				501204	509904	518598	527298	535998	
20MHz	DFT-s-OFDM QPSK	1	1	17.98	17.66	17.38	17.70	17.33	18.70

N66 State 3/5				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				346000	349000	352000	
				1730	1745	1760	
40MHz	DFT-s-OFDM QPSK	1	1	21.53	21.70	21.70	22.70
		1	108	21.53	21.67	21.65	22.70
		1	214	21.49	21.66	21.66	22.70
		108	0	20.43	20.63	20.54	21.70
		108	54	21.54	21.73	21.66	22.70
		108	108	20.69	20.77	20.80	21.70
		216	0	20.68	20.70	20.69	21.70
	DFT-s-OFDM 16QAM	1	1	20.53	20.65	20.65	21.70
	DFT-s-OFDM 64QAM	1	1	19.26	19.34	19.42	20.20
	DFT-s-OFDM 256QAM	1	1	16.87	16.94	16.90	18.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				346000	349000	352000	
40MHz	CP-OFDM QPSK	1	1	20.00	20.08	20.09	21.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				345500	349000	352500	

35MHz	DFT-s-OFDM QPSK	1	1	21.50	21.58	21.61	22.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				345000	349000	353000	
30MHz	DFT-s-OFDM QPSK	1	1	21.48	21.61	21.70	22.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				344500	349000	353500	
25MHz	DFT-s-OFDM QPSK	1	1	21.59	21.63	21.63	22.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				344000	349000	354000	
20MHz	DFT-s-OFDM QPSK	1	1	21.62	21.58	21.75	22.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				343500	349000	354500	
15MHz	DFT-s-OFDM QPSK	1	1	21.43	21.66	21.60	22.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				343000	349000	355000	
10MHz	DFT-s-OFDM QPSK	1	1	21.51	21.67	21.76	22.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				342500	349000	355500	
5MHz	DFT-s-OFDM QPSK	1	1	21.56	21.58	21.62	22.70

N66 State 8				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				346000	349000	352000	
				1730	1745	1760	
40MHz	DFT-s-OFDM QPSK	1	1	19.46	19.60	19.61	21.20
		1	108	19.50	19.65	19.69	21.20
		1	214	19.44	19.73	19.69	21.20
		108	0	18.33	18.73	18.46	20.20
		108	54	19.51	19.56	19.82	21.20
		108	108	18.68	18.69	18.80	20.20
		216	0	18.67	18.61	18.78	20.20

	DFT-s-OFDM 16QAM	1	1	18.49	18.63	18.63	20.20
	DFT-s-OFDM 64QAM	1	1	17.26	17.32	17.49	18.70
	DFT-s-OFDM 256QAM	1	1	14.94	15.03	14.82	16.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				346000	349000	352000	
40MHz	CP-OFDM QPSK	1	1	18.02	18.08	18.10	19.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				345500	349000	352500	
35MHz	DFT-s-OFDM QPSK	1	1	19.44	19.57	19.71	21.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				345000	349000	353000	
30MHz	DFT-s-OFDM QPSK	1	1	19.53	19.62	19.65	21.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				344500	349000	353500	
25MHz	DFT-s-OFDM QPSK	1	1	19.56	19.71	19.70	21.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				344000	349000	354000	
20MHz	DFT-s-OFDM QPSK	1	1	19.57	19.66	19.85	21.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				343500	349000	354500	
15MHz	DFT-s-OFDM QPSK	1	1	19.44	19.67	19.66	21.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				343000	349000	355000	
10MHz	DFT-s-OFDM QPSK	1	1	19.56	19.59	19.79	21.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				342500	349000	355500	
5MHz	DFT-s-OFDM QPSK	1	1	19.61	19.64	19.61	21.20

N66 State 10	Conducted Power(dBm)

SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				346000	349000	352000	
				1730	1745	1760	
40MHz	DFT-s-OFDM QPSK	1	1	20.03	20.18	20.23	21.70
		1	108	20.14	20.12	20.31	21.70
		1	214	20.07	20.27	20.18	21.70
		108	0	18.89	19.17	19.13	20.70
		108	54	20.19	20.29	20.23	21.70
		108	108	19.32	19.23	19.42	20.70
		216	0	19.31	19.15	19.25	20.70
	DFT-s-OFDM 16QAM	1	1	18.99	19.30	19.14	20.70
	DFT-s-OFDM 64QAM	1	1	17.87	17.92	18.00	19.20
	DFT-s-OFDM 256QAM	1	1	15.44	15.45	15.54	17.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				346000	349000	352000	
40MHz	CP-OFDM QPSK	1	1	18.46	18.70	18.66	20.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				345500	349000	352500	
35MHz	DFT-s-OFDM QPSK	1	1	20.07	20.10	20.26	21.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				345000	349000	353000	
30MHz	DFT-s-OFDM QPSK	1	1	19.96	20.18	20.31	21.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				344500	349000	353500	
25MHz	DFT-s-OFDM QPSK	1	1	20.19	20.13	20.11	21.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				344000	349000	354000	
20MHz	DFT-s-OFDM QPSK	1	1	20.15	20.12	20.37	21.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				343500	349000	354500	

15MHz	DFT-s-OFDM QPSK	1	1	20.08	20.13	20.17	21.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				343000	349000	355000	
10MHz	DFT-s-OFDM QPSK	1	1	20.01	20.12	20.22	21.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				342500	349000	355500	
5MHz	DFT-s-OFDM QPSK	1	1	20.16	20.04	20.24	21.70

N77 State 3/8				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500.01	/	
100MHz	DFT-s-OFDM QPSK	1	1	/	19.01	/	20.40
		1	137	/	18.99	/	20.40
		1	271	/	19.21	/	20.40
		135	0	/	17.95	/	19.40
		135	69	/	19.00	/	20.40
		135	138	/	18.18	/	19.40
		270	0	/	18.17	/	19.40
	DFT-s-OFDM 16QAM	1	1	/	17.90	/	19.40
	DFT-s-OFDM 64QAM	1	1	/	16.72	/	17.90
	DFT-s-OFDM 256QAM	1	1	/	14.42	/	15.90
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1	/	17.49	/	18.90
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				633000	633334	633668	
90MHz	DFT-s-OFDM QPSK	1	1	19.00	19.06	18.99	20.40
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632668	633334	634000	

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80MHz	DFT-s-OFDM QPSK	1	1	18.83	19.10	18.89	20.40
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632334	633334	634334	
70MHz	DFT-s-OFDM QPSK	1	1	19.01	19.02	18.87	20.40
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	
60MHz	DFT-s-OFDM QPSK	1	1	18.92	19.04	18.91	20.40
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631668	633334	635000	
50MHz	DFT-s-OFDM QPSK	1	1	18.99	19.04	19.01	20.40
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
40MHz	DFT-s-OFDM QPSK	1	1	18.97	19.01	18.96	20.40
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631001	633334	635667	
30MHz	DFT-s-OFDM QPSK	1	1	19.04	19.05	18.97	20.40
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	18.86	19.06	19.01	20.40

N77 State 5				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500.01	/	
100MHz	DFT-s-OFDM QPSK	1	1	/	15.08	/	16.40
		1	137	/	15.02	/	16.40
		1	271	/	15.20	/	16.40
		135	0	/	13.98	/	15.40
		135	69	/	14.97	/	16.40
		135	138	/	14.15	/	15.40
		270	0	/	14.17	/	15.40

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	DFT-s-OFDM 16QAM	1	1	/	13.93	/	15.40
	DFT-s-OFDM 64QAM	1	1	/	12.71	/	13.90
	DFT-s-OFDM 256QAM	1	1	/	10.39	/	11.90
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1	/	13.49	/	14.90
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				633000	633334	633668	
90MHz	DFT-s-OFDM QPSK	1	1	14.94	15.07	14.97	16.40
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632668	633334	634000	
80MHz	DFT-s-OFDM QPSK	1	1	14.84	15.10	14.92	16.40
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632334	633334	634334	
70MHz	DFT-s-OFDM QPSK	1	1	15.03	14.98	14.91	16.40
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	
60MHz	DFT-s-OFDM QPSK	1	1	14.86	15.06	14.98	16.40
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631668	633334	635000	
50MHz	DFT-s-OFDM QPSK	1	1	15.02	15.05	14.97	16.40
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
40MHz	DFT-s-OFDM QPSK	1	1	14.89	15.00	14.95	16.40
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631001	633334	635667	
30MHz	DFT-s-OFDM QPSK	1	1	15.00	15.08	15.01	16.40
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	

20MHz	DFT-s-OFDM QPSK	1	1	14.89	14.98	15.01	16.40

N77 State 10				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500.01	/	
100MHz	DFT-s-OFDM QPSK	1	1	/	13.00	/	14.40
		1	137	/	12.98	/	14.40
		1	271	/	13.25	/	14.40
		135	0	/	11.93	/	13.40
		135	69	/	13.00	/	14.40
		135	138	/	12.16	/	13.40
		270	0	/	12.11	/	13.40
	DFT-s-OFDM 16QAM	1	1	/	11.93	/	13.40
	DFT-s-OFDM 64QAM	1	1	/	10.74	/	11.90
	DFT-s-OFDM 256QAM	1	1	/	8.46	/	9.90
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1	/	11.56	/	12.90
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				633000	633334	633668	
90MHz	DFT-s-OFDM QPSK	1	1	12.96	13.06	12.98	14.40
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632668	633334	634000	
80MHz	DFT-s-OFDM QPSK	1	1	12.88	13.08	12.94	14.40
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632334	633334	634334	
70MHz	DFT-s-OFDM QPSK	1	1	13.00	13.02	12.84	14.40
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	

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60MHz	DFT-s-OFDM QPSK	1	1	12.90	13.08	12.92	14.40
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631668	633334	635000	
50MHz	DFT-s-OFDM QPSK	1	1	12.99	13.04	13.03	14.40
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
40MHz	DFT-s-OFDM QPSK	1	1	12.90	12.99	13.01	14.40
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631001	633334	635667	
30MHz	DFT-s-OFDM QPSK	1	1	13.06	13.02	12.96	14.40
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	12.91	13.05	13.07	14.40

N77 State 3/8					**Conducted Power(dBm)**					
SCS 30kHz(3700~3980)										
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				650000	652400	654800	657200	659600	662000	
				3750.00	3786.00	3822.00	3858.00	3894.00	3930.00	
100MHz	DFT-s-OFDM QPSK	1	1	19.54	19.60	19.61	19.71	19.78	19.66	20.40
		1	137	19.61	19.61	19.62	19.83	19.85	19.68	20.40
		1	271	19.68	19.61	19.66	19.87	19.83	19.78	20.40
		135	0	18.76	18.77	18.66	18.96	18.86	18.76	19.40
		135	69	19.56	19.73	19.69	19.77	19.74	**19.69**	20.40
		135	138	18.62	18.67	18.70	18.86	18.67	18.68	19.40
		270	0	18.77	18.58	18.65	18.74	18.75	18.66	19.40
	DFT-s-OFDM 16QAM	1	1	18.64	18.57	18.62	18.82	18.70	18.63	19.40
	DFT-s-OFDM 64QAM	1	1	17.16	17.30	17.24	17.43	17.39	17.22	17.90
	DFT-s-OFDM 256QAM	1	1	14.71	14.68	14.75	14.94	14.92	14.82	15.90
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				650000	652400	654800	657200	659600	662000	

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100MHz	CP-OFDM QPSK	1	1	17.97	17.93	17.98	18.10	18.07	17.93	18.90
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				649668	652200	654734	657268	659800	662332	
90MHz	DFT-s-OFDM QPSK	1	1	19.55	19.58	19.61	19.91	19.87	19.72	20.40
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				649334	652000	654668	657334	660000	662666	
80MHz	DFT-s-OFDM QPSK	1	1	19.64	19.56	19.57	19.92	19.82	19.77	20.40
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				649001	651800	654601	657401	660200	662999	
70MHz	DFT-s-OFDM QPSK	1	1	19.68	19.62	19.67	19.87	19.88	19.75	20.40
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				648668	651600	654534	657468	660400	663332	
60MHz	DFT-s-OFDM QPSK	1	1	19.59	19.73	19.63	19.78	19.85	19.74	20.40
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				648334	651400	654468	657534	660600	663666	
50MHz	DFT-s-OFDM QPSK	1	1	19.65	19.69	19.73	19.88	19.81	19.75	20.40
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				648000	651200	654400	657600	660800	664000	
40MHz	DFT-s-OFDM QPSK	1	1	19.55	19.67	19.67	19.81	19.75	19.78	20.40
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				647666	651000	654332	657666	661000	664334	
30MHz	DFT-s-OFDM QPSK	1	1	19.70	19.60	19.66	19.93	19.88	19.84	20.40
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				647332	650800	654264	657732	661200	664668	
20MHz	DFT-s-OFDM QPSK	1	1	19.73	19.72	19.79	19.93	19.77	19.69	20.40

N77 State 5				**Conducted Power(dBm)**						
SCS 30kHz(3700~3980)										
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				650000	652400	654800	657200	659600	662000	
				3750.00	3786.00	3822.00	3858.00	3894.00	3930.00	

100MHz	DFT-s-OFDM QPSK	1	1	15.61	15.59	15.61	15.71	15.78	15.60	16.40
		1	137	15.62	15.81	15.69	15.89	15.81	15.70	16.40
		1	271	15.60	15.66	15.69	15.84	15.85	15.78	16.40
		135	0	14.81	14.77	14.72	14.89	14.84	14.81	15.40
		135	69	15.56	15.74	15.67	15.80	15.77	**15.66**	16.40
		135	138	14.55	14.70	14.69	14.93	14.73	14.66	15.40
		270	0	14.78	14.64	14.70	14.71	14.75	14.66	15.40
	DFT-s-OFDM 16QAM	1	1	14.67	14.52	14.65	14.85	14.69	14.71	15.40
	DFT-s-OFDM 64QAM	1	1	13.22	13.36	13.22	13.39	13.35	13.24	13.90
	DFT-s-OFDM 256QAM	1	1	10.73	10.68	10.81	10.92	10.94	10.85	11.90
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				650000	652400	654800	657200	659600	662000	
100MHz	CP-OFDM QPSK	1	1	14.04	13.89	14.00	14.07	14.05	13.93	14.90
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				649668	652200	654734	657268	659800	662332	
90MHz	DFT-s-OFDM QPSK	1	1	15.58	15.59	15.60	15.86	15.87	15.75	16.40
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				649334	652000	654668	657334	660000	662666	
80MHz	DFT-s-OFDM QPSK	1	1	15.67	15.58	15.57	15.92	15.85	15.77	16.40
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				649001	651800	654601	657401	660200	662999	
70MHz	DFT-s-OFDM QPSK	1	1	15.70	15.68	15.67	15.85	15.94	15.76	16.40
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				648668	651600	654534	657468	660400	663332	
60MHz	DFT-s-OFDM QPSK	1	1	15.58	15.72	15.64	15.76	15.87	15.78	16.40
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				648334	651400	654468	657534	660600	663666	
50MHz	DFT-s-OFDM QPSK	1	1	15.67	15.68	15.68	15.91	15.86	15.75	16.40
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				648000	651200	654400	657600	660800	664000	

40MHz	DFT-s-OFDM QPSK	1	1	15.58	15.67	15.63	15.77	15.77	15.80	16.40
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				647666	651000	654332	657666	661000	664334	
30MHz	DFT-s-OFDM QPSK	1	1	15.73	15.60	15.74	15.94	15.89	15.77	16.40
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				647332	650800	654264	657732	661200	664668	
20MHz	DFT-s-OFDM QPSK	1	1	15.73	15.72	15.75	15.92	15.77	15.67	16.40

N77 State 10				**Conducted Power(dBm)**						
SCS 30kHz(3700~3980)										
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				650000	652400	654800	657200	659600	662000	
				3750.00	3786.00	3822.00	3858.00	3894.00	3930.00	
100MHz	DFT-s-OFDM QPSK	1	1	13.56	13.59	13.58	13.66	13.76	13.66	14.40
		1	137	13.66	13.67	13.67	13.87	13.79	13.69	14.40
		1	271	13.65	13.66	13.70	13.87	13.89	13.76	14.40
		135	0	12.77	12.73	12.69	12.89	12.82	12.81	13.40
		135	69	13.57	13.78	13.63	13.80	13.73	**13.67**	14.40
		135	138	12.54	12.72	12.67	12.88	12.72	12.60	13.40
		270	0	12.67	12.57	12.65	12.72	12.86	12.67	13.40
	DFT-s-OFDM 16QAM	1	1	12.65	12.53	12.64	12.88	12.71	12.66	13.40
	DFT-s-OFDM 64QAM	1	1	11.21	11.30	11.27	11.37	11.39	11.27	11.90
	DFT-s-OFDM 256QAM	1	1	8.69	8.67	8.78	8.93	8.90	8.81	9.90
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				650000	652400	654800	657200	659600	662000	
100MHz	CP-OFDM QPSK	1	1	12.01	11.89	11.99	12.04	12.02	11.97	12.90
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				649668	652200	654734	657268	659800	662332	
90MHz	DFT-s-OFDM QPSK	1	1	13.62	13.55	13.62	13.83	13.95	13.74	14.40
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				649334	652000	654668	657334	660000	662666	

80MHz	DFT-s-OFDM QPSK	1	1	13.65	13.57	13.61	13.94	13.79	13.74	14.40
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				649001	651800	654601	657401	660200	662999	
70MHz	DFT-s-OFDM QPSK	1	1	13.72	13.69	13.68	13.81	13.93	13.69	14.40
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				648668	651600	654534	657468	660400	663332	
60MHz	DFT-s-OFDM QPSK	1	1	13.54	13.72	13.63	13.79	13.86	13.81	14.40
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				648334	651400	654468	657534	660600	663666	
50MHz	DFT-s-OFDM QPSK	1	1	13.69	13.65	13.74	13.87	13.89	13.78	14.40
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				648000	651200	654400	657600	660800	664000	
40MHz	DFT-s-OFDM QPSK	1	1	13.60	13.70	13.64	13.78	13.79	13.78	14.40
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				647666	651000	654332	657666	661000	664334	
30MHz	DFT-s-OFDM QPSK	1	1	13.73	13.58	13.69	13.94	13.90	13.82	14.40
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				647332	650800	654264	657732	661200	664668	
20MHz	DFT-s-OFDM QPSK	1	1	13.71	13.69	13.78	13.96	13.74	13.67	14.40

N78 PC2 State 3/8				**Conducted Power(dBm)**			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500.01	/	
100MHz	DFT-s-OFDM QPSK	1	1	/	19.17	/	20.40
		1	137	/	19.30	/	20.40
		1	271	/	19.34	/	20.40
		135	0	/	15.71	/	16.90
		135	69	/	19.17	/	20.40
		135	138	/	15.83	/	16.90
		270	0	/	18.32	/	19.40

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	DFT-s-OFDM 16QAM	1	1	/	17.75	/	19.40
	DFT-s-OFDM 64QAM	1	1	/	16.84	/	17.90
	DFT-s-OFDM 256QAM	1	1	/	14.32	/	15.90
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1	/	17.71	/	18.90
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				633000	633334	633668	
90MHz	DFT-s-OFDM QPSK	1	1	19.35	19.25	19.34	20.40
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632668	633334	634000	
80MHz	DFT-s-OFDM QPSK	1	1	19.35	19.39	19.34	20.40
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632334	633334	634334	
70MHz	DFT-s-OFDM QPSK	1	1	19.28	19.27	19.23	20.40
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	
60MHz	DFT-s-OFDM QPSK	1	1	19.45	19.38	19.31	20.40
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631668	633334	635000	
50MHz	DFT-s-OFDM QPSK	1	1	19.45	19.22	19.34	20.40
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
40MHz	DFT-s-OFDM QPSK	1	1	19.46	19.30	19.37	20.40
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631001	633334	635667	
30MHz	DFT-s-OFDM QPSK	1	1	19.37	19.29	19.40	20.40
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	

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20MHz	DFT-s-OFDM QPSK	1	1	19.31	19.34	19.25	20.40

N78 PC2 State 5				**Conducted Power(dBm)**			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500.01	/	
100MHz	DFT-s-OFDM QPSK	1	1	/	15.23	/	16.40
		1	137	/	15.26	/	16.40
		1	271	/	15.28	/	16.40
		135	0	/	11.70	/	12.90
		135	69	/	15.18	/	16.40
		135	138	/	11.87	/	12.90
		270	0	/	14.28	/	15.40
	DFT-s-OFDM 16QAM	1	1	/	13.82	/	15.40
	DFT-s-OFDM 64QAM	1	1	/	12.82	/	13.90
	DFT-s-OFDM 256QAM	1	1	/	10.27	/	11.90
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1	/	13.68	/	14.90
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				633000	633334	633668	
90MHz	DFT-s-OFDM QPSK	1	1	15.35	15.24	15.31	16.40
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632668	633334	634000	
80MHz	DFT-s-OFDM QPSK	1	1	15.34	15.35	15.32	16.40
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632334	633334	634334	
70MHz	DFT-s-OFDM QPSK	1	1	15.23	15.27	15.22	16.40
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	

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60MHz	DFT-s-OFDM QPSK	1	1	15.42	15.31	15.30	16.40
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631668	633334	635000	
50MHz	DFT-s-OFDM QPSK	1	1	15.48	15.16	15.36	16.40
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
40MHz	DFT-s-OFDM QPSK	1	1	15.43	15.29	15.31	16.40
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631001	633334	635667	
30MHz	DFT-s-OFDM QPSK	1	1	15.40	15.30	15.34	16.40
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	15.30	15.39	15.26	16.40

N78 PC2 State 10				**Conducted Power(dBm)**			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500.01	/	
100MHz	DFT-s-OFDM QPSK	1	1	/	13.23	/	14.40
		1	137	/	13.26	/	14.40
		1	271	/	13.30	/	14.40
		135	0	/	9.66	/	10.90
		135	69	/	13.15	/	14.40
		135	138	/	9.83	/	10.90
		270	0	/	12.27	/	13.40
	DFT-s-OFDM 16QAM	1	1	/	11.76	/	13.40
	DFT-s-OFDM 64QAM	1	1	/	10.81	/	11.90
	DFT-s-OFDM 256QAM	1	1	/	8.27	/	9.90
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	

100MHz	CP-OFDM QPSK	1	1	/	11.70	/	12.90
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				633000	633334	633668	
90MHz	DFT-s-OFDM QPSK	1	1	13.33	13.31	13.30	14.40
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632668	633334	634000	
80MHz	DFT-s-OFDM QPSK	1	1	13.39	13.33	13.37	14.40
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632334	633334	634334	
70MHz	DFT-s-OFDM QPSK	1	1	13.30	13.29	13.21	14.40
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	
60MHz	DFT-s-OFDM QPSK	1	1	13.49	13.33	13.31	14.40
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631668	633334	635000	
50MHz	DFT-s-OFDM QPSK	1	1	13.47	13.22	13.36	14.40
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
40MHz	DFT-s-OFDM QPSK	1	1	13.45	13.29	13.34	14.40
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631001	633334	635667	
30MHz	DFT-s-OFDM QPSK	1	1	13.42	13.31	13.38	14.40
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	13.25	13.36	13.23	14.40

N78 PC2 State 3/8				**Conducted Power(dBm)**			
SCS 30kHz(3700~3800)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
				/	3750.00	/	

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100MHz	DFT-s-OFDM QPSK	1	1	/	19.48	/	20.40
		1	137	/	19.18	/	20.40
		1	271	/	19.09	/	20.40
		135	0	/	16.00	/	16.90
		135	69	/	19.17	/	20.40
		135	138	/	16.04	/	16.90
		270	0	/	18.46	/	19.40
	DFT-s-OFDM 16QAM	1	1	/	18.51	/	19.40
	DFT-s-OFDM 64QAM	1	1	/	17.29	/	17.90
	DFT-s-OFDM 256QAM	1	1	/	14.77	/	15.90
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
100MHz	CP-OFDM QPSK	1	1	/	17.89	/	18.90
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649668	650000	650334	
90MHz	DFT-s-OFDM QPSK	1	1	19.35	19.43	19.53	20.40
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649334	650000	650668	
80MHz	DFT-s-OFDM QPSK	1	1	19.24	19.42	19.43	20.40
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649000	650000	651000	
70MHz	DFT-s-OFDM QPSK	1	1	19.41	19.54	19.55	20.40
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648668	650000	651334	
60MHz	DFT-s-OFDM QPSK	1	1	19.43	19.45	19.38	20.40
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648334	650000	651668	
50MHz	DFT-s-OFDM QPSK	1	1	19.37	19.44	19.41	20.40
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648000	650000	652000	

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40MHz	DFT-s-OFDM QPSK	1	1	19.25	19.46	19.56	20.40
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647668	650000	652334	
30MHz	DFT-s-OFDM QPSK	1	1	19.29	19.39	19.61	20.40
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647334	650000	652668	
20MHz	DFT-s-OFDM QPSK	1	1	19.29	19.36	19.48	20.40

N78 PC2 State 5				**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 QPSK	1	1	/	15.43	/	16.40
		1	137	/	15.15	/	16.40
		1	271	/	15.02	/	16.40
		135	0	/	12.00	/	12.90
		135	69	/	15.17	/	16.40
		135	138	/	11.98	/	12.90
		270	0	/	14.43	/	15.40
	DFT-s-OFDM 16QAM	1	1	/	14.55	/	15.40
	DFT-s-OFDM 64QAM	1	1	/	13.32	/	13.90
	DFT-s-OFDM 256QAM	1	1	/	10.74	/	11.90
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
100MHz	CP-OFDM QPSK	1	1	/	13.84	/	14.90
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649668	650000	650334	
90MHz	DFT-s-OFDM QPSK	1	1	15.32	15.40	15.51	16.40
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649334	650000	650668	

80MHz	DFT-s-OFDM QPSK	1	1	15.28	15.40	15.42	16.40
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649000	650000	651000	
70MHz	DFT-s-OFDM QPSK	1	1	15.46	15.50	15.56	16.40
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648668	650000	651334	
60MHz	DFT-s-OFDM QPSK	1	1	15.42	15.43	15.42	16.40
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648334	650000	651668	
50MHz	DFT-s-OFDM QPSK	1	1	15.41	15.43	15.48	16.40
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648000	650000	652000	
40MHz	DFT-s-OFDM QPSK	1	1	15.28	15.54	15.53	16.40
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647668	650000	652334	
30MHz	DFT-s-OFDM QPSK	1	1	15.27	15.41	15.57	16.40
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647334	650000	652668	
20MHz	DFT-s-OFDM QPSK	1	1	15.31	15.39	15.42	16.40

N78 PC2 State 10				**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 QPSK	1	1	/	13.43	/	14.40
		1	137	/	13.17	/	14.40
		1	271	/	13.05	/	14.40
		135	0	/	9.96	/	10.90
		135	69	/	13.19	/	14.40
		135	138	/	9.97	/	10.90
		270	0	/	12.48	/	13.40

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	DFT-s-OFDM 16QAM	1	1	/	12.51	/	13.40
	DFT-s-OFDM 64QAM	1	1	/	11.25	/	11.90
	DFT-s-OFDM 256QAM	1	1	/	8.81	/	9.90
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
100MHz	CP-OFDM QPSK	1	1	/	11.85	/	12.90
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649668	650000	650334	
90MHz	DFT-s-OFDM QPSK	1	1	13.40	13.41	13.46	14.40
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649334	650000	650668	
80MHz	DFT-s-OFDM QPSK	1	1	13.30	13.45	13.42	14.40
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649000	650000	651000	
70MHz	DFT-s-OFDM QPSK	1	1	13.43	13.55	13.54	14.40
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648668	650000	651334	
60MHz	DFT-s-OFDM QPSK	1	1	13.45	13.48	13.38	14.40
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648334	650000	651668	
50MHz	DFT-s-OFDM QPSK	1	1	13.39	13.42	13.42	14.40
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648000	650000	652000	
40MHz	DFT-s-OFDM QPSK	1	1	13.25	13.49	13.53	14.40
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647668	650000	652334	
30MHz	DFT-s-OFDM QPSK	1	1	13.32	13.41	13.54	14.40
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647334	650000	652668	

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20MHz	DFT-s-OFDM QPSK	1	1	13.28	13.39	13.45	14.40

N78 PC3 State 3/8				**Conducted Power(dBm)**			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500.01	/	
100MHz	DFT-s-OFDM QPSK	1	1	/	16.17	/	17.40
		1	137	/	16.22	/	17.40
		1	271	/	16.38	/	17.40
		135	0	/	15.14	/	16.40
		135	69	/	16.11	/	17.40
		135	138	/	15.31	/	16.40
		270	0	/	15.10	/	16.40
	DFT-s-OFDM 16QAM	1	1	/	15.10	/	16.40
	DFT-s-OFDM 64QAM	1	1	/	13.83	/	14.90
	DFT-s-OFDM 256QAM	1	1	/	11.26	/	12.90
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1	/	14.39	/	15.90
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				633000	633334	633668	
90MHz	DFT-s-OFDM QPSK	1	1	16.39	16.29	16.23	17.40
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632668	633334	634000	
80MHz	DFT-s-OFDM QPSK	1	1	16.34	16.23	16.24	17.40
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632334	633334	634334	
70MHz	DFT-s-OFDM QPSK	1	1	16.43	16.27	16.25	17.40
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	

60MHz	DFT-s-OFDM QPSK	1	1	16.43	16.34	16.10	17.40
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631668	633334	635000	
50MHz	DFT-s-OFDM QPSK	1	1	16.27	16.41	16.34	17.40
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
40MHz	DFT-s-OFDM QPSK	1	1	16.27	16.32	16.30	17.40
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631001	633334	635667	
30MHz	DFT-s-OFDM QPSK	1	1	16.38	16.26	16.32	17.40
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	16.36	16.28	16.23	17.40

N78 PC3 State 5				**Conducted Power(dBm)**			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500.01	/	
100MHz	DFT-s-OFDM QPSK	1	1	/	12.17	/	13.40
		1	137	/	12.15	/	13.40
		1	271	/	12.39	/	13.40
		135	0	/	11.13	/	12.40
		135	69	/	12.18	/	13.40
		135	138	/	11.28	/	12.40
		270	0	/	11.11	/	12.40
	DFT-s-OFDM 16QAM	1	1	/	11.11	/	12.40
	DFT-s-OFDM 64QAM	1	1	/	9.82	/	10.90
	DFT-s-OFDM 256QAM	1	1	/	7.28	/	8.90
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	

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100MHz	CP-OFDM QPSK	1	1	/	10.42	/	11.90
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				633000	633334	633668	
90MHz	DFT-s-OFDM QPSK	1	1	12.37	12.30	12.24	13.40
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632668	633334	634000	
80MHz	DFT-s-OFDM QPSK	1	1	12.27	12.24	12.18	13.40
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632334	633334	634334	
70MHz	DFT-s-OFDM QPSK	1	1	12.45	12.21	12.28	13.40
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	
60MHz	DFT-s-OFDM QPSK	1	1	12.42	12.37	12.10	13.40
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631668	633334	635000	
50MHz	DFT-s-OFDM QPSK	1	1	12.32	12.44	12.29	13.40
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
40MHz	DFT-s-OFDM QPSK	1	1	12.29	12.34	12.37	13.40
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631001	633334	635667	
30MHz	DFT-s-OFDM QPSK	1	1	12.40	12.25	12.26	13.40
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	12.33	12.29	12.28	13.40

N78 PC3 State 10				**Conducted Power(dBm)**			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500.01	/	

100MHz	DFT-s-OFDM QPSK	1	1	/	10.14	/	11.40
		1	137	/	10.14	/	11.40
		1	271	/	10.38	/	11.40
		135	0	/	9.12	/	10.40
		135	69	/	10.16	/	11.40
		135	138	/	9.33	/	10.40
		270	0	/	9.06	/	10.40
	DFT-s-OFDM 16QAM	1	1	/	9.18	/	10.40
	DFT-s-OFDM 64QAM	1	1	/	7.79	/	8.90
	DFT-s-OFDM 256QAM	1	1	/	5.31	/	6.90
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1	/	8.42	/	9.90
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				633000	633334	633668	
90MHz	DFT-s-OFDM QPSK	1	1	10.36	10.32	10.23	11.40
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632668	633334	634000	
80MHz	DFT-s-OFDM QPSK	1	1	10.28	10.23	10.23	11.40
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632334	633334	634334	
70MHz	DFT-s-OFDM QPSK	1	1	10.49	10.26	10.31	11.40
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	
60MHz	DFT-s-OFDM QPSK	1	1	10.40	10.37	10.10	11.40
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631668	633334	635000	
50MHz	DFT-s-OFDM QPSK	1	1	10.24	10.38	10.30	11.40
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	

40MHz	DFT-s-OFDM QPSK	1	1	10.23	10.32	10.38	11.40
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631001	633334	635667	
30MHz	DFT-s-OFDM QPSK	1	1	10.41	10.23	10.32	11.40
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	10.29	10.31	10.27	11.40

N78 PC3 State 3				**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 QPSK	1	1	/	16.52	/	17.40
		1	137	/	16.70	/	17.40
		1	271	/	16.58	/	17.40
		135	0	/	15.55	/	16.40
		135	69	/	16.54	/	17.40
		135	138	/	15.51	/	16.40
		270	0	/	15.54	/	16.40
	DFT-s-OFDM 16QAM	1	1	/	15.58	/	16.40
	DFT-s-OFDM 64QAM	1	1	/	14.26	/	14.90
	DFT-s-OFDM 256QAM	1	1	/	11.71	/	12.90
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
100MHz	CP-OFDM QPSK	1	1	/	14.91	/	15.90
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649668	650000	650334	
90MHz	DFT-s-OFDM QPSK	1	1	16.60	16.66	16.67	17.40
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649334	650000	650668	

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80MHz	DFT-s-OFDM QPSK	1	1	16.60	16.72	16.63	17.40
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649000	650000	651000	
70MHz	DFT-s-OFDM QPSK	1	1	16.60	16.66	16.75	17.40
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648668	650000	651334	
60MHz	DFT-s-OFDM QPSK	1	1	16.53	16.80	16.67	17.40
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648334	650000	651668	
50MHz	DFT-s-OFDM QPSK	1	1	16.52	16.78	16.65	17.40
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648000	650000	652000	
40MHz	DFT-s-OFDM QPSK	1	1	16.53	16.70	16.62	17.40
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647668	650000	652334	
30MHz	DFT-s-OFDM QPSK	1	1	16.51	16.69	16.61	17.40
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647334	650000	652668	
20MHz	DFT-s-OFDM QPSK	1	1	16.62	16.75	16.63	17.40

N78 PC3 State 5				**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 QPSK	1	1	/	12.49	/	13.40
		1	137	/	12.70	/	13.40
		1	271	/	12.54	/	13.40
		135	0	/	11.51	/	12.40
		135	69	/	12.58	/	13.40
		135	138	/	11.50	/	12.40
		270	0	/	11.55	/	12.40

	DFT-s-OFDM 16QAM	1	1	/	11.56	/	12.40
	DFT-s-OFDM 64QAM	1	1	/	10.29	/	10.90
	DFT-s-OFDM 256QAM	1	1	/	7.68	/	8.90
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
100MHz	CP-OFDM QPSK	1	1	/	10.92	/	11.90
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649668	650000	650334	
90MHz	DFT-s-OFDM QPSK	1	1	12.63	12.68	12.65	13.40
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649334	650000	650668	
80MHz	DFT-s-OFDM QPSK	1	1	12.65	12.80	12.63	13.40
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649000	650000	651000	
70MHz	DFT-s-OFDM QPSK	1	1	12.62	12.61	12.72	13.40
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648668	650000	651334	
60MHz	DFT-s-OFDM QPSK	1	1	12.54	12.78	12.69	13.40
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648334	650000	651668	
50MHz	DFT-s-OFDM QPSK	1	1	12.55	12.80	12.64	13.40
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648000	650000	652000	
40MHz	DFT-s-OFDM QPSK	1	1	12.58	12.66	12.65	13.40
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647668	650000	652334	
30MHz	DFT-s-OFDM QPSK	1	1	12.56	12.75	12.60	13.40
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647334	650000	652668	

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20MHz	DFT-s-OFDM QPSK	1	1	12.60	12.80	12.58	13.40

N78 PC3 State 10				**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 QPSK	1	1	/	10.50	/	11.40
		1	137	/	10.65	/	11.40
		1	271	/	10.55	/	11.40
		135	0	/	9.57	/	10.40
		135	69	/	10.60	/	11.40
		135	138	/	9.56	/	10.40
		270	0	/	9.57	/	10.40
	DFT-s-OFDM 16QAM	1	1	/	9.58	/	10.40
	DFT-s-OFDM 64QAM	1	1	/	8.27	/	8.90
	DFT-s-OFDM 256QAM	1	1	/	5.68	/	6.90
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
100MHz	CP-OFDM QPSK	1	1	/	8.85	/	9.90
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649668	650000	650334	
90MHz	DFT-s-OFDM QPSK	1	1	10.60	10.67	10.62	11.40
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649334	650000	650668	
80MHz	DFT-s-OFDM QPSK	1	1	10.59	10.75	10.65	11.40
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649000	650000	651000	
70MHz	DFT-s-OFDM QPSK	1	1	10.60	10.68	10.72	11.40
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648668	650000	651334	

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60MHz	DFT-s-OFDM QPSK	1	1	10.55	10.78	10.70	11.40
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648334	650000	651668	
50MHz	DFT-s-OFDM QPSK	1	1	10.51	10.77	10.63	11.40
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648000	650000	652000	
40MHz	DFT-s-OFDM QPSK	1	1	10.56	10.69	10.64	11.40
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647668	650000	652334	
30MHz	DFT-s-OFDM QPSK	1	1	10.50	10.72	10.60	11.40
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647334	650000	652668	
20MHz	DFT-s-OFDM QPSK	1	1	10.63	10.79	10.59	11.40

8.6 Conducted Power of NR Antenna (Ant6)

N77 State 3				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500.01	/	
100MHz	DFT-s-OFDM QPSK	1	1	/	14.27	/	15.20
		1	137	/	14.18	/	15.20
		1	271	/	14.23	/	15.20
		135	0	/	13.36	/	14.20
		135	69	/	14.16	/	15.20
		135	138	/	13.11	/	14.20
		270	0	/	13.13	/	14.20
	DFT-s-OFDM 16QAM	1	1	/	12.90	/	14.20
	DFT-s-OFDM 64QAM	1	1	/	12.18	/	12.70
	DFT-s-OFDM 256QAM	1	1	/	9.56	/	10.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1	/	12.58	/	13.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				633000	633334	633668	
90MHz	DFT-s-OFDM QPSK	1	1	14.20	14.23	14.22	15.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632668	633334	634000	
80MHz	DFT-s-OFDM QPSK	1	1	14.19	14.15	14.24	15.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632334	633334	634334	
70MHz	DFT-s-OFDM QPSK	1	1	14.17	14.21	14.27	15.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	
60MHz	DFT-s-OFDM QPSK	1	1	14.11	14.10	14.24	15.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up

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				631668	633334	635000	
50MHz	DFT-s-OFDM QPSK	1	1	14.28	14.23	14.37	15.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
40MHz	DFT-s-OFDM QPSK	1	1	14.11	14.12	14.24	15.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631001	633334	635667	
30MHz	DFT-s-OFDM QPSK	1	1	14.22	14.21	14.21	15.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	14.27	14.05	14.26	15.20

N77 State 5/8				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500.01	/	
100MHz	DFT-s-OFDM QPSK	1	1	/	12.29	/	13.20
		1	137	/	12.10	/	13.20
		1	271	/	12.26	/	13.20
		135	0	/	11.19	/	12.20
		135	69	/	12.22	/	13.20
		135	138	/	11.30	/	12.20
		270	0	/	11.33	/	12.20
	DFT-s-OFDM 16QAM	1	1	/	11.00	/	12.20
	DFT-s-OFDM 64QAM	1	1	/	10.09	/	10.70
	DFT-s-OFDM 256QAM	1	1	/	7.63	/	8.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1	/	10.58	/	11.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				633000	633334	633668	

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90MHz	DFT-s-OFDM QPSK	1	1	12.22	12.18	12.27	13.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632668	633334	634000	
80MHz	DFT-s-OFDM QPSK	1	1	11.98	12.18	12.35	13.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632334	633334	634334	
70MHz	DFT-s-OFDM QPSK	1	1	12.27	12.24	12.34	13.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	
60MHz	DFT-s-OFDM QPSK	1	1	12.14	12.03	12.32	13.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631668	633334	635000	
50MHz	DFT-s-OFDM QPSK	1	1	12.20	12.19	12.41	13.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
40MHz	DFT-s-OFDM QPSK	1	1	12.19	12.32	12.39	13.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631001	633334	635667	
30MHz	DFT-s-OFDM QPSK	1	1	12.21	12.18	12.42	13.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	12.12	12.19	12.38	13.20

N77 State 10				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500.01	/	
100MHz	DFT-s-OFDM QPSK	1	1	/	11.44	/	12.20
		1	137	/	11.09	/	12.20
		1	271	/	11.25	/	12.20

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		135	0	/	10.33	/	11.20
		135	69	/	11.10	/	12.20
		135	138	/	10.14	/	11.20
		270	0	/	10.26	/	11.20
	DFT-s-OFDM 16QAM	1	1	/	9.83	/	11.20
	DFT-s-OFDM 64QAM	1	1	/	9.13	/	9.70
	DFT-s-OFDM 256QAM	1	1	/	6.79	/	7.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1	/	9.74	/	10.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				633000	633334	633668	
90MHz	DFT-s-OFDM QPSK	1	1	11.06	11.17	11.13	12.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632668	633334	634000	
80MHz	DFT-s-OFDM QPSK	1	1	11.11	10.95	11.19	12.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632334	633334	634334	
70MHz	DFT-s-OFDM QPSK	1	1	11.28	11.20	11.32	12.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	
60MHz	DFT-s-OFDM QPSK	1	1	11.11	11.04	11.18	12.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631668	633334	635000	
50MHz	DFT-s-OFDM QPSK	1	1	11.24	11.30	11.23	12.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
40MHz	DFT-s-OFDM QPSK	1	1	11.22	11.11	11.23	12.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631001	633334	635667	

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30MHz	DFT-s-OFDM QPSK	1	1	11.12	11.34	11.26	12.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	11.11	11.23	11.31	12.20

N77 State 3				**Conducted Power(dBm)**						
SCS 30kHz(3700~3980)										
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				650000	652400	654800	657200	659600	662000	
				3750.00	3786.00	3822.00	3858.00	3894.00	3930.00	
100MHz	DFT-s-OFDM QPSK	1	1	14.00	13.85	13.87	13.72	13.74	13.74	15.20
		1	137	13.72	13.69	13.74	13.78	13.65	13.65	15.20
		1	271	13.63	13.67	13.57	13.59	13.62	13.72	15.20
		135	0	12.67	12.62	12.78	12.64	12.68	12.75	14.20
		135	69	13.90	13.61	13.63	13.64	13.46	**13.51**	15.20
		135	138	12.71	12.67	12.53	12.62	12.48	12.48	14.20
		270	0	12.82	12.70	12.69	12.78	12.65	12.73	14.20
	DFT-s-OFDM 16QAM	1	1	13.06	12.92	12.76	12.99	12.84	12.82	14.20
	DFT-s-OFDM 64QAM	1	1	11.74	11.60	11.60	11.53	11.41	11.54	12.70
	DFT-s-OFDM 256QAM	1	1	9.42	9.12	9.19	9.18	9.31	9.18	10.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				650000	652400	654800	657200	659600	662000	
100MHz	CP-OFDM QPSK	1	1	12.39	12.43	12.33	12.41	12.47	12.47	13.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				649668	652200	654734	657268	659800	662332	
90MHz	DFT-s-OFDM QPSK	1	1	13.95	14.03	13.96	13.82	13.71	13.53	15.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				649334	652000	654668	657334	660000	662666	
80MHz	DFT-s-OFDM QPSK	1	1	14.16	13.93	13.88	13.63	13.83	13.76	15.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				649001	651800	654601	657401	660200	662999	

70MHz	DFT-s-OFDM QPSK	1	1	14.07	13.91	13.67	13.70	13.75	13.66	15.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				648668	651600	654534	657468	660400	663332	
60MHz	DFT-s-OFDM QPSK	1	1	14.03	14.03	13.79	13.63	13.75	13.66	15.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				648334	651400	654468	657534	660600	663666	
50MHz	DFT-s-OFDM QPSK	1	1	13.92	13.94	13.95	13.79	13.87	13.62	15.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				648000	651200	654400	657600	660800	664000	
40MHz	DFT-s-OFDM QPSK	1	1	14.13	13.97	13.89	13.81	13.89	13.80	15.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				647666	651000	654332	657666	661000	664334	
30MHz	DFT-s-OFDM QPSK	1	1	13.91	13.83	13.81	13.83	13.77	13.61	15.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				647332	650800	654264	657732	661200	664668	
20MHz	DFT-s-OFDM QPSK	1	1	13.93	14.04	13.85	13.72	13.59	13.74	15.20

N77 State 5/8				**Conducted Power(dBm)**						
SCS 30kHz(3700~3980)										
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				650000	652400	654800	657200	659600	662000	
				3750.00	3786.00	3822.00	3858.00	3894.00	3930.00	
100MHz	DFT-s-OFDM QPSK	1	1	12.02	11.93	11.94	11.73	11.77	11.62	13.20
		1	137	11.72	11.85	11.74	11.87	11.67	11.73	13.20
		1	271	11.70	11.73	11.60	11.64	11.76	11.73	13.20
		135	0	10.70	10.64	10.74	10.68	10.69	10.78	12.20
		135	69	11.84	11.50	11.75	11.50	11.59	**11.62**	13.20
		135	138	10.85	10.63	10.62	10.63	10.54	10.66	12.20
		270	0	10.74	10.87	10.81	10.87	10.88	10.69	12.20
	DFT-s-OFDM 16QAM	1	1	11.00	10.78	10.84	11.03	10.93	10.83	12.20

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	DFT-s-OFDM 64QAM	1	1	9.87	9.67	9.74	9.44	9.48	9.68	10.70
	DFT-s-OFDM 256QAM	1	1	7.38	7.14	7.21	7.32	7.19	7.12	8.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				650000	652400	654800	657200	659600	662000	
100MHz	CP-OFDM QPSK	1	1	10.47	10.48	10.48	10.35	10.48	10.59	11.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				649668	652200	654734	657268	659800	662332	
90MHz	DFT-s-OFDM QPSK	1	1	12.12	12.16	11.81	11.87	11.80	11.65	13.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				649334	652000	654668	657334	660000	662666	
80MHz	DFT-s-OFDM QPSK	1	1	12.12	11.91	11.95	11.60	11.87	11.84	13.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				649001	651800	654601	657401	660200	662999	
70MHz	DFT-s-OFDM QPSK	1	1	12.05	11.90	11.93	11.68	11.81	11.71	13.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				648668	651600	654534	657468	660400	663332	
60MHz	DFT-s-OFDM QPSK	1	1	12.12	11.95	11.72	11.75	11.75	11.51	13.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				648334	651400	654468	657534	660600	663666	
50MHz	DFT-s-OFDM QPSK	1	1	11.89	12.02	11.86	11.84	11.62	11.74	13.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				648000	651200	654400	657600	660800	664000	
40MHz	DFT-s-OFDM QPSK	1	1	12.04	11.92	11.87	11.72	11.99	11.74	13.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				647666	651000	654332	657666	661000	664334	
30MHz	DFT-s-OFDM QPSK	1	1	12.09	11.89	12.08	11.59	11.79	11.74	13.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				647332	650800	654264	657732	661200	664668	

20MHz	DFT-s-OFDM QPSK	1	1	11.92	11.94	11.77	11.92	11.70	11.80	13.20

N77 State 10				**Conducted Power(dBm)**						
SCS 30kHz(3700~3980)										
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				650000	652400	654800	657200	659600	662000	
				3750.00	3786.00	3822.00	3858.00	3894.00	3930.00	
100MHz	DFT-s-OFDM QPSK	1	1	11.04	11.00	10.86	10.59	10.89	10.88	12.20
		1	137	10.56	10.70	10.87	10.85	10.84	10.77	12.20
		1	271	10.72	10.71	10.60	10.69	10.68	10.67	12.20
		135	0	9.60	9.60	9.73	9.52	9.61	9.69	11.20
		135	69	10.95	10.72	10.60	10.80	10.55	**10.73**	12.20
		135	138	9.79	9.65	9.58	9.54	9.51	9.45	11.20
		270	0	9.86	9.77	9.71	9.76	9.70	9.78	11.20
	DFT-s-OFDM 16QAM	1	1	10.16	10.00	9.92	9.92	10.02	9.66	11.20
	DFT-s-OFDM 64QAM	1	1	8.70	8.63	8.52	8.38	8.57	8.65	9.70
	DFT-s-OFDM 256QAM	1	1	6.51	6.28	6.26	6.29	6.26	6.41	7.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				650000	652400	654800	657200	659600	662000	
100MHz	CP-OFDM QPSK	1	1	9.35	9.48	9.35	9.32	9.46	9.37	10.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				649668	652200	654734	657268	659800	662332	
90MHz	DFT-s-OFDM QPSK	1	1	11.07	11.05	11.09	10.84	10.74	10.50	12.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				649334	652000	654668	657334	660000	662666	
80MHz	DFT-s-OFDM QPSK	1	1	11.15	10.95	10.80	10.64	10.71	10.83	12.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				649001	651800	654601	657401	660200	662999	
70MHz	DFT-s-OFDM QPSK	1	1	11.01	10.98	10.81	10.81	10.81	10.58	12.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				648668	651600	654534	657468	660400	663332	

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60MHz	DFT-s-OFDM QPSK	1	1	11.13	11.00	10.59	10.73	10.75	10.63	12.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				648334	651400	654468	657534	660600	663666	
50MHz	DFT-s-OFDM QPSK	1	1	10.85	11.00	10.93	10.82	10.84	10.66	12.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				648000	651200	654400	657600	660800	664000	
40MHz	DFT-s-OFDM QPSK	1	1	11.23	10.98	10.77	10.72	10.97	10.92	12.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				647666	651000	654332	657666	661000	664334	
30MHz	DFT-s-OFDM QPSK	1	1	10.87	10.86	10.90	10.86	10.77	10.78	12.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				647332	650800	654264	657732	661200	664668	
20MHz	DFT-s-OFDM QPSK	1	1	10.86	11.06	10.75	10.80	10.89	10.82	12.20

N78 PC2 State 3				**Conducted Power(dBm)**			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500.01	/	
100MHz	DFT-s-OFDM QPSK	1	1	/	14.06	/	15.20
		1	137	/	14.18	/	15.20
		1	271	/	14.23	/	15.20
		135	0	/	10.70	/	11.70
		135	69	/	14.19	/	15.20
		135	138	/	10.77	/	11.70
		270	0	/	13.19	/	14.20
	DFT-s-OFDM 16QAM	1	1	/	13.04	/	14.20
	DFT-s-OFDM 64QAM	1	1	/	12.08	/	12.70
	DFT-s-OFDM 256QAM	1	1	/	9.24	/	10.70

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Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1		12.56		13.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				633000	633334	633668	
90MHz	DFT-s-OFDM QPSK	1	1	14.22	14.25	14.19	15.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632668	633334	634000	
80MHz	DFT-s-OFDM QPSK	1	1	14.16	14.24	14.24	15.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632334	633334	634334	
70MHz	DFT-s-OFDM QPSK	1	1	14.21	14.15	14.13	15.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	
60MHz	DFT-s-OFDM QPSK	1	1	14.25	14.22	14.25	15.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631668	633334	635000	
50MHz	DFT-s-OFDM QPSK	1	1	14.30	14.32	14.27	15.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
40MHz	DFT-s-OFDM QPSK	1	1	14.12	14.26	14.23	15.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631001	633334	635667	
30MHz	DFT-s-OFDM QPSK	1	1	14.26	14.35	14.12	15.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	14.27	14.16	14.16	15.20

N78 PC2 State 5/8				**Conducted Power(dBm)**			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up

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				/	633334	/	
				/	3500.01	/	
100MHz	DFT-s-OFDM QPSK	1	1	/	12.08	/	13.20
		1	137	/	12.27	/	13.20
		1	271	/	12.31	/	13.20
		135	0	/	8.76	/	9.70
		135	69	/	12.14	/	13.20
		135	138	/	8.69	/	9.70
		270	0	/	11.20	/	12.20
	DFT-s-OFDM 16QAM	1	1	/	10.95	/	12.20
	DFT-s-OFDM 64QAM	1	1	/	10.10	/	10.70
	DFT-s-OFDM 256QAM	1	1	/	7.21	/	8.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1	/	10.65	/	11.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				633000	633334	633668	
90MHz	DFT-s-OFDM QPSK	1	1	12.31	12.17	12.12	13.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632668	633334	634000	
80MHz	DFT-s-OFDM QPSK	1	1	12.09	12.20	12.24	13.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632334	633334	634334	
70MHz	DFT-s-OFDM QPSK	1	1	12.27	12.25	12.14	13.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	
60MHz	DFT-s-OFDM QPSK	1	1	12.19	12.26	12.19	13.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631668	633334	635000	
50MHz	DFT-s-OFDM QPSK	1	1	12.22	12.27	12.30	13.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up

				631334	633334	635334	
40MHz	DFT-s-OFDM QPSK	1	1	12.12	12.23	12.28	13.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631001	633334	635667	
30MHz	DFT-s-OFDM QPSK	1	1	12.20	12.31	12.16	13.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	12.36	12.20	12.21	13.20

N78 PC2 State 10				**Conducted Power(dBm)**			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500.01	/	
100MHz	DFT-s-OFDM QPSK	1	1	/	11.02	/	12.20
		1	137	/	11.10	/	12.20
		1	271	/	11.31	/	12.20
		135	0	/	7.71	/	8.70
		135	69	/	11.20	/	12.20
		135	138	/	7.81	/	8.70
		270	0	/	10.11	/	11.20
	DFT-s-OFDM 16QAM	1	1	/	10.09	/	11.20
	DFT-s-OFDM 64QAM	1	1	/	9.12	/	9.70
	DFT-s-OFDM 256QAM	1	1	/	6.19	/	7.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1	/	9.58	/	10.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				633000	633334	633668	
90MHz	DFT-s-OFDM QPSK	1	1	11.23	11.32	11.20	12.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632668	633334	634000	

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80MHz	DFT-s-OFDM QPSK	1	1	11.07	11.23	11.14	12.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632334	633334	634334	
70MHz	DFT-s-OFDM QPSK	1	1	11.23	11.07	11.17	12.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	
60MHz	DFT-s-OFDM QPSK	1	1	11.18	11.20	11.30	12.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631668	633334	635000	
50MHz	DFT-s-OFDM QPSK	1	1	11.24	11.29	11.19	12.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
40MHz	DFT-s-OFDM QPSK	1	1	11.12	11.29	11.20	12.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631001	633334	635667	
30MHz	DFT-s-OFDM QPSK	1	1	11.35	11.37	11.11	12.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	11.28	11.10	11.12	12.20

N78 PC2 State 3				**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 QPSK	1	1	/	13.75	/	15.20
		1	137	/	13.82	/	15.20
		1	271	/	13.93	/	15.20
		135	0	/	10.31	/	11.70
		135	69	/	13.82	/	15.20
		135	138	/	10.32	/	11.70
		270	0	/	12.79	/	14.20

	DFT-s-OFDM 16QAM	1	1	/	12.57	/	14.20
	DFT-s-OFDM 64QAM	1	1	/	11.67	/	12.70
	DFT-s-OFDM 256QAM	1	1	/	8.90	/	10.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
100MHz	CP-OFDM QPSK	1	1	/	12.13	/	13.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649668	650000	650334	
90MHz	DFT-s-OFDM QPSK	1	1	13.90	13.83	13.70	15.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649334	650000	650668	
80MHz	DFT-s-OFDM QPSK	1	1	13.70	13.80	13.88	15.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649000	650000	651000	
70MHz	DFT-s-OFDM QPSK	1	1	13.82	13.74	13.78	15.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648668	650000	651334	
60MHz	DFT-s-OFDM QPSK	1	1	13.95	13.81	13.84	15.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648334	650000	651668	
50MHz	DFT-s-OFDM QPSK	1	1	13.84	13.89	13.91	15.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648000	650000	652000	
40MHz	DFT-s-OFDM QPSK	1	1	13.76	13.89	13.76	15.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647668	650000	652334	
30MHz	DFT-s-OFDM QPSK	1	1	13.88	13.92	13.74	15.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647334	650000	652668	

20MHz	DFT-s-OFDM QPSK	1	1	13.93	13.72	13.85	15.20

N78 PC2 State 5/8				**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 QPSK	1	1	/	11.63	/	13.20
		1	137	/	11.68	/	13.20
		1	271	/	11.88	/	13.20
		135	0	/	8.28	/	9.70
		135	69	/	11.85	/	13.20
		135	138	/	8.30	/	9.70
		270	0	/	10.72	/	12.20
	DFT-s-OFDM 16QAM	1	1	/	10.68	/	12.20
	DFT-s-OFDM 64QAM	1	1	/	9.61	/	10.70
	DFT-s-OFDM 256QAM	1	1	/	6.77	/	8.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
100MHz	CP-OFDM QPSK	1	1	/	10.10	/	11.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649668	650000	650334	
90MHz	DFT-s-OFDM QPSK	1	1	11.77	11.95	11.72	13.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649334	650000	650668	
80MHz	DFT-s-OFDM QPSK	1	1	11.80	11.83	11.78	13.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649000	650000	651000	
70MHz	DFT-s-OFDM QPSK	1	1	11.84	11.70	11.72	13.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648668	650000	651334	

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60MHz	DFT-s-OFDM QPSK	1	1	11.78	11.85	11.85	13.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648334	650000	651668	
50MHz	DFT-s-OFDM QPSK	1	1	11.89	11.84	11.95	13.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648000	650000	652000	
40MHz	DFT-s-OFDM QPSK	1	1	11.76	11.76	11.75	13.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647668	650000	652334	
30MHz	DFT-s-OFDM QPSK	1	1	11.96	11.90	11.72	13.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647334	650000	652668	
20MHz	DFT-s-OFDM QPSK	1	1	11.80	11.72	11.75	13.20

N78 PC2 State 10				**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 QPSK	1	1	/	10.66	/	12.20
		1	137	/	10.68	/	12.20
		1	271	/	10.93	/	12.20
		135	0	/	7.26	/	8.70
		135	69	/	10.71	/	12.20
		135	138	/	7.47	/	8.70
		270	0	/	9.85	/	11.20
	DFT-s-OFDM 16QAM	1	1	/	9.60	/	11.20
	DFT-s-OFDM 64QAM	1	1	/	8.77	/	9.70
	DFT-s-OFDM 256QAM	1	1	/	5.86	/	7.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	

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100MHz	CP-OFDM QPSK	1	1	/	9.22	/	10.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649668	650000	650334	
90MHz	DFT-s-OFDM QPSK	1	1	10.74	10.76	10.77	12.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649334	650000	650668	
80MHz	DFT-s-OFDM QPSK	1	1	10.77	10.93	10.78	12.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649000	650000	651000	
70MHz	DFT-s-OFDM QPSK	1	1	10.85	10.81	10.83	12.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648668	650000	651334	
60MHz	DFT-s-OFDM QPSK	1	1	10.81	10.75	10.87	12.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648334	650000	651668	
50MHz	DFT-s-OFDM QPSK	1	1	10.96	10.99	10.95	12.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648000	650000	652000	
40MHz	DFT-s-OFDM QPSK	1	1	10.62	10.87	10.75	12.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647668	650000	652334	
30MHz	DFT-s-OFDM QPSK	1	1	10.87	10.99	10.70	12.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647334	650000	652668	
20MHz	DFT-s-OFDM QPSK	1	1	10.77	10.79	10.84	12.20

N78 PC3 State 3				**Conducted Power(dBm)**			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500.01	/	

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100MHz	DFT-s-OFDM QPSK	1	1	/	11.15	/	12.20
		1	137	/	11.24	/	12.20
		1	271	/	11.23	/	12.20
		135	0	/	10.14	/	11.20
		135	69	/	11.20	/	12.20
		135	138	/	10.13	/	11.20
		270	0	/	10.19	/	11.20
	DFT-s-OFDM 16QAM	1	1	/	10.26	/	11.20
	DFT-s-OFDM 64QAM	1	1	/	8.82	/	9.70
	DFT-s-OFDM 256QAM	1	1	/	6.13	/	7.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1	/	9.77	/	10.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				633000	633334	633668	
90MHz	DFT-s-OFDM QPSK	1	1	11.22	11.21	11.28	12.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632668	633334	634000	
80MHz	DFT-s-OFDM QPSK	1	1	11.31	11.17	11.27	12.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632334	633334	634334	
70MHz	DFT-s-OFDM QPSK	1	1	11.15	11.29	11.29	12.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	
60MHz	DFT-s-OFDM QPSK	1	1	11.31	11.18	11.21	12.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631668	633334	635000	
50MHz	DFT-s-OFDM QPSK	1	1	11.15	11.20	11.27	12.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	

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40MHz	DFT-s-OFDM QPSK	1	1	11.18	11.25	11.38	12.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631001	633334	635667	
30MHz	DFT-s-OFDM QPSK	1	1	11.22	11.23	11.27	12.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	11.12	11.19	11.24	12.20

N78 PC3 State 5/8				**Conducted Power(dBm)**			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500.01	/	
100MHz	DFT-s-OFDM QPSK	1	1	/	9.07	/	10.20
		1	137	/	9.23	/	10.20
		1	271	/	9.31	/	10.20
		135	0	/	8.11	/	9.20
		135	69	/	9.26	/	10.20
		135	138	/	8.15	/	9.20
		270	0	/	8.09	/	9.20
	DFT-s-OFDM 16QAM	1	1	/	8.28	/	9.20
	DFT-s-OFDM 64QAM	1	1	/	6.76	/	7.70
	DFT-s-OFDM 256QAM	1	1	/	4.04	/	5.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1	/	7.80	/	8.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				633000	633334	633668	
90MHz	DFT-s-OFDM QPSK	1	1	9.32	9.17	9.18	10.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632668	633334	634000	

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80MHz	DFT-s-OFDM QPSK	1	1	9.23	9.11	9.32	10.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632334	633334	634334	
70MHz	DFT-s-OFDM QPSK	1	1	9.25	9.32	9.25	10.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	
60MHz	DFT-s-OFDM QPSK	1	1	9.40	9.09	9.27	10.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631668	633334	635000	
50MHz	DFT-s-OFDM QPSK	1	1	9.09	9.22	9.24	10.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
40MHz	DFT-s-OFDM QPSK	1	1	9.08	9.19	9.28	10.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631001	633334	635667	
30MHz	DFT-s-OFDM QPSK	1	1	9.16	9.15	9.29	10.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	9.11	9.16	9.22	10.20

N78 PC3 State 10				**Conducted Power(dBm)**			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500.01	/	
100MHz	DFT-s-OFDM QPSK	1	1	/	8.07	/	9.20
		1	137	/	8.19	/	9.20
		1	271	/	8.33	/	9.20
		135	0	/	7.17	/	8.20
		135	69	/	8.23	/	9.20
		135	138	/	7.11	/	8.20
		270	0	/	7.27	/	8.20

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	DFT-s-OFDM 16QAM	1	1	/	7.22	/	8.20
	DFT-s-OFDM 64QAM	1	1	/	5.74	/	6.70
	DFT-s-OFDM 256QAM	1	1	/	3.21	/	4.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1	/	6.68	/	7.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				633000	633334	633668	
90MHz	DFT-s-OFDM QPSK	1	1	8.24	8.18	8.18	9.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632668	633334	634000	
80MHz	DFT-s-OFDM QPSK	1	1	8.26	8.16	8.37	9.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632334	633334	634334	
70MHz	DFT-s-OFDM QPSK	1	1	8.18	8.38	8.38	9.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	
60MHz	DFT-s-OFDM QPSK	1	1	8.38	8.23	8.21	9.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631668	633334	635000	
50MHz	DFT-s-OFDM QPSK	1	1	8.24	8.10	8.30	9.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
40MHz	DFT-s-OFDM QPSK	1	1	8.28	8.15	8.34	9.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631001	633334	635667	
30MHz	DFT-s-OFDM QPSK	1	1	8.31	8.14	8.26	9.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	

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20MHz	DFT-s-OFDM QPSK	1	1	8.27	8.32	8.24	9.20

N78 PC3 State 3				**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 QPSK	1	1	/	11.02	/	12.20
		1	137	/	11.10	/	12.20
		1	271	/	10.99	/	12.20
		135	0	/	9.95	/	11.20
		135	69	/	10.95	/	12.20
		135	138	/	9.94	/	11.20
		270	0	/	9.92	/	11.20
	DFT-s-OFDM 16QAM	1	1	/	10.09	/	11.20
	DFT-s-OFDM 64QAM	1	1	/	8.53	/	9.70
	DFT-s-OFDM 256QAM	1	1	/	5.87	/	7.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
100MHz	CP-OFDM QPSK	1	1	/	9.58	/	10.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649668	650000	650334	
90MHz	DFT-s-OFDM QPSK	1	1	10.94	10.94	11.18	12.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649334	650000	650668	
80MHz	DFT-s-OFDM QPSK	1	1	11.01	10.88	11.08	12.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649000	650000	651000	
70MHz	DFT-s-OFDM QPSK	1	1	10.93	11.19	11.00	12.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648668	650000	651334	

60MHz	DFT-s-OFDM QPSK	1	1	11.05	10.95	10.91	12.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648334	650000	651668	
50MHz	DFT-s-OFDM QPSK	1	1	10.88	10.97	10.98	12.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648000	650000	652000	
40MHz	DFT-s-OFDM QPSK	1	1	10.99	11.03	11.15	12.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647668	650000	652334	
30MHz	DFT-s-OFDM QPSK	1	1	11.04	10.99	11.00	12.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647334	650000	652668	
20MHz	DFT-s-OFDM QPSK	1	1	10.82	11.07	10.99	12.20

N78 PC3 State 5/8				**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 QPSK	1	1	/	9.12	/	10.20
		1	137	/	9.09	/	10.20
		1	271	/	8.91	/	10.20
		135	0	/	7.89	/	9.20
		135	69	/	8.91	/	10.20
		135	138	/	8.00	/	9.20
		270	0	/	7.88	/	9.20
	DFT-s-OFDM 16QAM	1	1	/	8.09	/	9.20
	DFT-s-OFDM 64QAM	1	1	/	6.50	/	7.70
	DFT-s-OFDM 256QAM	1	1	/	3.94	/	5.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	

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100MHz	CP-OFDM QPSK	1	1	/	7.65	/	8.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649668	650000	650334	
90MHz	DFT-s-OFDM QPSK	1	1	8.98	8.98	9.13	10.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649334	650000	650668	
80MHz	DFT-s-OFDM QPSK	1	1	8.91	8.96	8.98	10.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649000	650000	651000	
70MHz	DFT-s-OFDM QPSK	1	1	8.96	9.25	9.01	10.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648668	650000	651334	
60MHz	DFT-s-OFDM QPSK	1	1	9.11	8.92	8.82	10.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648334	650000	651668	
50MHz	DFT-s-OFDM QPSK	1	1	8.87	9.02	9.07	10.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648000	650000	652000	
40MHz	DFT-s-OFDM QPSK	1	1	8.90	9.11	9.06	10.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647668	650000	652334	
30MHz	DFT-s-OFDM QPSK	1	1	9.00	8.93	8.95	10.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647334	650000	652668	
20MHz	DFT-s-OFDM QPSK	1	1	8.76	9.07	8.89	10.20

N78 PC3 State 10				**Conducted Power(dBm)**			
SCS 30kHz(3700~3800)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
				/	3750.00	/	

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100MHz	DFT-s-OFDM QPSK	1	1	/	8.06	/	9.20
		1	137	/	8.13	/	9.20
		1	271	/	7.97	/	9.20
		135	0	/	6.86	/	8.20
		135	69	/	7.89	/	9.20
		135	138	/	7.01	/	8.20
		270	0	/	6.92	/	8.20
	DFT-s-OFDM 16QAM	1	1	/	7.04	/	8.20
	DFT-s-OFDM 64QAM	1	1	/	5.54	/	6.70
	DFT-s-OFDM 256QAM	1	1	/	2.87	/	4.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
100MHz	CP-OFDM QPSK	1	1	/	6.57	/	7.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649668	650000	650334	
90MHz	DFT-s-OFDM QPSK	1	1	8.04	7.91	8.27	9.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649334	650000	650668	
80MHz	DFT-s-OFDM QPSK	1	1	8.06	7.97	7.99	9.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649000	650000	651000	
70MHz	DFT-s-OFDM QPSK	1	1	7.94	8.15	8.10	9.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648668	650000	651334	
60MHz	DFT-s-OFDM QPSK	1	1	7.97	7.86	7.86	9.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648334	650000	651668	
50MHz	DFT-s-OFDM QPSK	1	1	7.96	7.91	7.99	9.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648000	650000	652000	

40MHz	DFT-s-OFDM QPSK	1	1	8.05	8.01	8.08	9.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647668	650000	652334	
30MHz	DFT-s-OFDM QPSK	1	1	8.05	7.98	7.90	9.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647334	650000	652668	
20MHz	DFT-s-OFDM QPSK	1	1	7.87	8.12	7.96	9.20

8.7 Conducted Power of NR Antenna (Ant7)

N77 State 3				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500.01	/	
100MHz	DFT-s-OFDM QPSK	1	1	/	20.32	/	21.20
		1	137	/	20.34	/	21.20
		1	271	/	20.38	/	21.20
		135	0	/	19.33	/	20.20
		135	69	/	20.37	/	21.20
		135	138	/	19.22	/	20.20
		270	0	/	19.28	/	20.20
	DFT-s-OFDM 16QAM	1	1	/	19.21	/	20.20
	DFT-s-OFDM 64QAM	1	1	/	18.04	/	18.70
	DFT-s-OFDM 256QAM	1	1	/	15.71	/	16.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1	/	18.74	/	19.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				633000	633334	633668	
90MHz	DFT-s-OFDM QPSK	1	1	20.25	20.38	20.35	21.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632668	633334	634000	
80MHz	DFT-s-OFDM QPSK	1	1	20.15	20.44	20.26	21.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632334	633334	634334	
70MHz	DFT-s-OFDM QPSK	1	1	20.32	20.29	20.43	21.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	
60MHz	DFT-s-OFDM QPSK	1	1	20.34	20.38	20.33	21.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up

				631668	633334	635000	
50MHz	DFT-s-OFDM QPSK	1	1	20.29	20.34	20.33	21.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
40MHz	DFT-s-OFDM QPSK	1	1	20.27	20.37	20.40	21.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631001	633334	635667	
30MHz	DFT-s-OFDM QPSK	1	1	20.26	20.34	20.36	21.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	20.16	20.46	20.28	21.20

N77 State 5				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500.01	/	
100MHz	DFT-s-OFDM QPSK	1	1	/	16.20	/	17.20
		1	137	/	16.30	/	17.20
		1	271	/	16.39	/	17.20
		135	0	/	15.25	/	16.20
		135	69	/	16.36	/	17.20
		135	138	/	15.10	/	16.20
		270	0	/	15.19	/	16.20
	DFT-s-OFDM 16QAM	1	1	/	15.03	/	16.20
	DFT-s-OFDM 64QAM	1	1	/	14.06	/	14.70
	DFT-s-OFDM 256QAM	1	1	/	11.70	/	12.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1	/	14.71	/	15.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				633000	633334	633668	

90MHz	DFT-s-OFDM QPSK	1	1	16.26	16.31	16.31	17.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632668	633334	634000	
80MHz	DFT-s-OFDM QPSK	1	1	16.01	16.34	16.15	17.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632334	633334	634334	
70MHz	DFT-s-OFDM QPSK	1	1	16.31	16.17	16.43	17.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	
60MHz	DFT-s-OFDM QPSK	1	1	16.26	16.28	16.24	17.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631668	633334	635000	
50MHz	DFT-s-OFDM QPSK	1	1	16.19	16.28	16.34	17.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
40MHz	DFT-s-OFDM QPSK	1	1	16.20	16.26	16.38	17.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631001	633334	635667	
30MHz	DFT-s-OFDM QPSK	1	1	16.17	16.34	16.32	17.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	15.99	16.28	16.27	17.20

N77 State 8				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500.01	/	
100MHz	DFT-s-OFDM QPSK	1	1	/	18.34	/	19.20
		1	137	/	18.27	/	19.20
		1	271	/	18.40	/	19.20

		135	0	/	17.37	/	18.20
		135	69	/	18.28	/	19.20
		135	138	/	17.12	/	18.20
		270	0	/	17.31	/	18.20
	DFT-s-OFDM 16QAM	1	1	/	17.24	/	18.20
	DFT-s-OFDM 64QAM	1	1	/	15.94	/	16.70
	DFT-s-OFDM 256QAM	1	1	/	13.77	/	14.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1	/	16.66	/	17.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				633000	633334	633668	
90MHz	DFT-s-OFDM QPSK	1	1	18.33	18.35	18.33	19.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632668	633334	634000	
80MHz	DFT-s-OFDM QPSK	1	1	18.18	18.34	18.17	19.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632334	633334	634334	
70MHz	DFT-s-OFDM QPSK	1	1	18.26	18.25	18.42	19.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	
60MHz	DFT-s-OFDM QPSK	1	1	18.42	18.29	18.43	19.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631668	633334	635000	
50MHz	DFT-s-OFDM QPSK	1	1	18.19	18.41	18.25	19.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
40MHz	DFT-s-OFDM QPSK	1	1	18.37	18.36	18.37	19.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631001	633334	635667	

30MHz	DFT-s-OFDM QPSK	1	1	18.21	18.24	18.28	19.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	18.09	18.41	18.25	19.20

N77 State 10				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500.01	/	
100MHz	DFT-s-OFDM QPSK	1	1	/	15.39	/	16.20
		1	137	/	15.29	/	16.20
		1	271	/	15.35	/	16.20
		135	0	/	14.28	/	15.20
		135	69	/	15.30	/	16.20
		135	138	/	14.11	/	15.20
		270	0	/	14.30	/	15.20
	DFT-s-OFDM 16QAM	1	1	/	14.09	/	15.20
	DFT-s-OFDM 64QAM	1	1	/	12.97	/	13.70
	DFT-s-OFDM 256QAM	1	1	/	10.70	/	11.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1	/	13.65	/	14.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				633000	633334	633668	
90MHz	DFT-s-OFDM QPSK	1	1	15.31	15.40	15.24	16.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632668	633334	634000	
80MHz	DFT-s-OFDM QPSK	1	1	15.02	15.44	15.23	16.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632334	633334	634334	

70MHz	DFT-s-OFDM QPSK	1	1	15.21	15.24	15.34	16.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	
60MHz	DFT-s-OFDM QPSK	1	1	15.18	15.26	15.21	16.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631668	633334	635000	
50MHz	DFT-s-OFDM QPSK	1	1	15.29	15.29	15.23	16.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
40MHz	DFT-s-OFDM QPSK	1	1	15.19	15.37	15.24	16.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631001	633334	635667	
30MHz	DFT-s-OFDM QPSK	1	1	15.10	15.24	15.37	16.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	15.21	15.35	15.18	16.20

N77 State 3				**Conducted Power(dBm)**						
SCS 30kHz(3700~3980)										
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				650000	652400	654800	657200	659600	662000	
				3750.00	3786.00	3822.00	3858.00	3894.00	3930.00	
100MHz	DFT-s-OFDM QPSK	1	1	20.33	20.39	20.31	20.53	20.34	20.38	21.20
		1	137	20.26	20.31	20.33	20.25	20.30	20.38	21.20
		1	271	20.35	20.41	20.42	20.37	20.27	20.45	21.20
		135	0	19.22	19.39	19.44	19.46	19.28	19.42	20.20
		135	69	20.35	20.39	20.26	20.32	20.47	**20.44**	21.20
		135	138	19.07	19.29	19.29	19.40	19.39	19.34	20.20
		270	0	19.38	19.40	19.37	19.46	19.48	19.36	20.20
	DFT-s-OFDM 16QAM	1	1	19.07	19.10	19.20	19.06	19.18	19.25	20.20
	DFT-s-OFDM 64QAM	1	1	18.07	18.09	18.20	17.98	18.06	18.13	18.70

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	DFT-s-OFDM 256QAM	1	1	15.60	15.86	15.98	15.95	15.98	15.75	16.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				650000	652400	654800	657200	659600	662000	
100MHz	CP-OFDM QPSK	1	1	18.64	18.66	18.78	18.71	18.64	18.66	19.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				649668	652200	654734	657268	659800	662332	
90MHz	DFT-s-OFDM QPSK	1	1	20.24	20.30	20.31	20.22	20.35	20.47	21.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				649334	652000	654668	657334	660000	662666	
80MHz	DFT-s-OFDM QPSK	1	1	20.17	20.34	20.23	20.23	20.24	20.34	21.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				649001	651800	654601	657401	660200	662999	
70MHz	DFT-s-OFDM QPSK	1	1	20.34	20.25	20.35	20.30	20.35	20.48	21.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				648668	651600	654534	657468	660400	663332	
60MHz	DFT-s-OFDM QPSK	1	1	20.36	20.28	20.39	20.20	20.35	20.41	21.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				648334	651400	654468	657534	660600	663666	
50MHz	DFT-s-OFDM QPSK	1	1	20.32	20.26	20.38	20.26	20.29	20.45	21.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				648000	651200	654400	657600	660800	664000	
40MHz	DFT-s-OFDM QPSK	1	1	20.30	20.40	20.38	20.33	20.32	20.34	21.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				647666	651000	654332	657666	661000	664334	
30MHz	DFT-s-OFDM QPSK	1	1	20.23	20.34	20.36	20.27	20.27	20.41	21.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				647332	650800	654264	657732	661200	664668	
20MHz	DFT-s-OFDM QPSK	1	1	20.36	20.36	20.37	20.22	20.28	20.39	21.20

N77 State 5	**Conducted Power(dBm)**

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SCS 30kHz(3700~3980)										
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				650000	652400	654800	657200	659600	662000	
				3750.00	3786.00	3822.00	3858.00	3894.00	3930.00	
100MHz	DFT-s-OFDM QPSK	1	1	16.42	16.44	16.20	16.56	16.37	16.44	17.20
		1	137	16.24	16.22	16.26	16.14	16.21	16.27	17.20
		1	271	16.34	16.34	16.29	16.38	16.23	16.28	17.20
		135	0	15.06	15.28	15.35	15.45	15.20	15.36	16.20
		135	69	16.32	16.35	16.18	16.35	16.38	**16.36**	17.20
		135	138	15.08	15.26	15.29	15.47	15.26	15.34	16.20
		270	0	15.39	15.25	15.25	15.37	15.37	15.32	16.20
	DFT-s-OFDM 16QAM	1	1	14.97	15.14	15.20	15.06	15.17	15.24	16.20
	DFT-s-OFDM 64QAM	1	1	14.06	13.95	14.17	13.90	13.97	14.10	14.70
	DFT-s-OFDM 256QAM	1	1	11.51	11.77	11.98	11.98	11.99	11.64	12.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				650000	652400	654800	657200	659600	662000	
100MHz	CP-OFDM QPSK	1	1	14.58	14.56	14.75	14.59	14.63	14.56	15.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				649668	652200	654734	657268	659800	662332	
90MHz	DFT-s-OFDM QPSK	1	1	16.22	16.18	16.26	16.23	16.24	16.43	17.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				649334	652000	654668	657334	660000	662666	
80MHz	DFT-s-OFDM QPSK	1	1	16.14	16.34	16.21	16.13	16.18	16.28	17.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				649001	651800	654601	657401	660200	662999	
70MHz	DFT-s-OFDM QPSK	1	1	16.35	16.13	16.34	16.26	16.29	16.30	17.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				648668	651600	654534	657468	660400	663332	
60MHz	DFT-s-OFDM QPSK	1	1	16.22	16.36	16.38	16.10	16.25	16.34	17.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				648334	651400	654468	657534	660600	663666	
50MHz	DFT-s-OFDM QPSK	1	1	16.20	16.23	16.21	16.24	16.33	16.46	17.20

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				648000	651200	654400	657600	660800	664000	
40MHz	DFT-s-OFDM QPSK	1	1	16.22	16.38	16.29	16.35	16.28	16.35	17.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				647666	651000	654332	657666	661000	664334	
30MHz	DFT-s-OFDM QPSK	1	1	16.12	16.30	16.35	16.13	16.20	16.25	17.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				647332	650800	654264	657732	661200	664668	
20MHz	DFT-s-OFDM QPSK	1	1	16.23	16.18	16.38	16.14	16.16	16.37	17.20

N77 State 8				**Conducted Power(dBm)**						
SCS 30kHz(3700~3980)										
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				650000	652400	654800	657200	659600	662000	
				3750.00	3786.00	3822.00	3858.00	3894.00	3930.00	
100MHz	DFT-s-OFDM QPSK	1	1	18.29	18.47	18.40	18.51	18.32	18.45	19.20
		1	137	18.22	18.37	18.28	18.30	18.40	18.33	19.20
		1	271	18.28	18.35	18.34	18.41	18.28	18.49	19.20
		135	0	17.19	17.44	17.49	17.47	17.20	17.39	18.20
		135	69	18.39	18.46	18.32	18.42	18.57	**18.36**	19.20
		135	138	17.16	17.20	17.38	17.34	17.48	17.34	18.20
		270	0	17.31	17.37	17.37	17.40	17.38	17.41	18.20
	DFT-s-OFDM 16QAM	1	1	17.09	17.13	17.16	17.09	17.22	17.31	18.20
	DFT-s-OFDM 64QAM	1	1	16.12	16.07	16.25	15.99	16.04	16.07	16.70
	DFT-s-OFDM 256QAM	1	1	13.51	13.85	13.98	13.92	13.95	13.76	14.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				650000	652400	654800	657200	659600	662000	
100MHz	CP-OFDM QPSK	1	1	16.56	16.69	16.86	16.67	16.57	16.64	17.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				649668	652200	654734	657268	659800	662332	
90MHz	DFT-s-OFDM QPSK	1	1	18.31	18.32	18.22	18.25	18.33	18.56	19.20
Bandwidth	Modulation			Channel	Channel	Channel	Channel	Channel	Channel	Tune up

		RB size	RB offset	649334	652000	654668	657334	660000	662666	
80MHz	DFT-s-OFDM QPSK	1	1	18.27	18.36	18.20	18.17	18.33	18.35	19.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				649001	651800	654601	657401	660200	662999	
70MHz	DFT-s-OFDM QPSK	1	1	18.28	18.18	18.35	18.30	18.36	18.45	19.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				648668	651600	654534	657468	660400	663332	
60MHz	DFT-s-OFDM QPSK	1	1	18.41	18.19	18.41	18.16	18.33	18.41	19.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				648334	651400	654468	657534	660600	663666	
50MHz	DFT-s-OFDM QPSK	1	1	18.25	18.30	18.44	18.23	18.34	18.42	19.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				648000	651200	654400	657600	660800	664000	
40MHz	DFT-s-OFDM QPSK	1	1	18.24	18.41	18.34	18.39	18.22	18.30	19.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				647666	651000	654332	657666	661000	664334	
30MHz	DFT-s-OFDM QPSK	1	1	18.18	18.32	18.34	18.22	18.17	18.45	19.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				647332	650800	654264	657732	661200	664668	
20MHz	DFT-s-OFDM QPSK	1	1	18.35	18.35	18.41	18.12	18.18	18.48	19.20

N77 State 10					**Conducted Power(dBm)**					
SCS 30kHz(3700~3980)										
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				650000	652400	654800	657200	659600	662000	
				3750.00	3786.00	3822.00	3858.00	3894.00	3930.00	
100MHz	DFT-s-OFDM QPSK	1	1	15.21	15.21	15.26	15.56	15.40	15.42	16.20
		1	137	15.11	15.34	15.27	15.18	15.18	15.26	16.20
		1	271	15.36	15.37	15.46	15.31	15.31	15.30	16.20
		135	0	14.18	14.34	14.34	14.49	14.16	14.36	15.20
		135	69	15.36	15.44	15.16	15.20	15.38	**15.41**	16.20
		135	138	14.03	14.24	14.31	14.34	14.29	14.31	15.20

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		270	0	14.26	14.36	14.29	14.46	14.40	14.38	15.20
	DFT-s-OFDM 16QAM	1	1	13.99	13.98	14.03	13.88	14.20	14.13	15.20
	DFT-s-OFDM 64QAM	1	1	12.93	13.02	13.14	12.96	13.08	13.00	13.70
	DFT-s-OFDM 256QAM	1	1	10.56	10.90	11.02	10.98	11.03	10.69	11.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				650000	652400	654800	657200	659600	662000	
100MHz	CP-OFDM QPSK	1	1	13.50	13.60	13.78	13.69	13.68	13.58	14.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				649668	652200	654734	657268	659800	662332	
90MHz	DFT-s-OFDM QPSK	1	1	15.14	15.20	15.19	15.20	15.28	15.43	16.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				649334	652000	654668	657334	660000	662666	
80MHz	DFT-s-OFDM QPSK	1	1	15.22	15.36	15.26	15.08	15.07	15.22	16.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				649001	651800	654601	657401	660200	662999	
70MHz	DFT-s-OFDM QPSK	1	1	15.32	15.15	15.17	15.18	15.37	15.49	16.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				648668	651600	654534	657468	660400	663332	
60MHz	DFT-s-OFDM QPSK	1	1	15.39	15.17	15.42	15.07	15.25	15.36	16.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				648334	651400	654468	657534	660600	663666	
50MHz	DFT-s-OFDM QPSK	1	1	15.26	15.14	15.32	15.12	15.23	15.33	16.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				648000	651200	654400	657600	660800	664000	
40MHz	DFT-s-OFDM QPSK	1	1	15.35	15.41	15.36	15.32	15.28	15.26	16.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				647666	651000	654332	657666	661000	664334	
30MHz	DFT-s-OFDM QPSK	1	1	15.28	15.34	15.21	15.11	15.15	15.41	16.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				647332	650800	654264	657732	661200	664668	

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20MHz	DFT-s-OFDM QPSK	1	1	15.18	15.23	15.34	15.09	15.24	15.35	16.20

N78 PC2 State 3				**Conducted Power(dBm)**			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500.01	/	
100MHz	DFT-s-OFDM QPSK	1	1	/	20.35	/	21.20
		1	137	/	20.29	/	21.20
		1	271	/	20.34	/	21.20
		135	0	/	16.84	/	17.70
		135	69	/	20.32	/	21.20
		135	138	/	16.84	/	17.70
		270	0	/	19.32	/	20.20
	DFT-s-OFDM 16QAM	1	1	/	19.19	/	20.20
	DFT-s-OFDM 64QAM	1	1	/	17.95	/	18.70
	DFT-s-OFDM 256QAM	1	1	/	15.54	/	16.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1	/	18.73	/	19.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				633000	633334	633668	
90MHz	DFT-s-OFDM QPSK	1	1	20.33	20.36	20.48	21.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632668	633334	634000	
80MHz	DFT-s-OFDM QPSK	1	1	20.41	20.27	20.47	21.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632334	633334	634334	
70MHz	DFT-s-OFDM QPSK	1	1	20.40	20.41	20.45	21.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	

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60MHz	DFT-s-OFDM QPSK	1	1	20.24	20.46	20.55	21.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631668	633334	635000	
50MHz	DFT-s-OFDM QPSK	1	1	20.30	20.38	20.51	21.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
40MHz	DFT-s-OFDM QPSK	1	1	20.28	20.29	20.52	21.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631001	633334	635667	
30MHz	DFT-s-OFDM QPSK	1	1	20.33	20.42	20.45	21.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	20.32	20.30	20.56	21.20

N78 PC2 State 5				**Conducted Power(dBm)**			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500.01	/	
100MHz	DFT-s-OFDM QPSK	1	1	/	16.30	/	17.20
		1	137	/	16.30	/	17.20
		1	271	/	16.38	/	17.20
		135	0	/	12.76	/	13.70
		135	69	/	16.27	/	17.20
		135	138	/	12.87	/	13.70
		270	0	/	15.33	/	16.20
	DFT-s-OFDM 16QAM	1	1	/	15.22	/	16.20
	DFT-s-OFDM 64QAM	1	1	/	13.84	/	14.70
	DFT-s-OFDM 256QAM	1	1	/	11.42	/	12.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	

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100MHz	CP-OFDM QPSK	1	1	/	14.75	/	15.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				633000	633334	633668	
90MHz	DFT-s-OFDM QPSK	1	1	16.32	16.37	16.47	17.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632668	633334	634000	
80MHz	DFT-s-OFDM QPSK	1	1	16.25	16.19	16.47	17.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632334	633334	634334	
70MHz	DFT-s-OFDM QPSK	1	1	16.36	16.36	16.32	17.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	
60MHz	DFT-s-OFDM QPSK	1	1	16.10	16.48	16.59	17.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631668	633334	635000	
50MHz	DFT-s-OFDM QPSK	1	1	16.34	16.37	16.46	17.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
40MHz	DFT-s-OFDM QPSK	1	1	16.22	16.32	16.50	17.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631001	633334	635667	
30MHz	DFT-s-OFDM QPSK	1	1	16.21	16.28	16.43	17.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	16.29	16.28	16.44	17.20

N78 PC2 State 8				**Conducted Power(dBm)**			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500.01	/	

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100MHz	DFT-s-OFDM QPSK	1	1	/	18.27	/	19.20
		1	137	/	18.21	/	19.20
		1	271	/	18.27	/	19.20
		135	0	/	14.88	/	15.70
		135	69	/	18.20	/	19.20
		135	138	/	14.79	/	15.70
		270	0	/	17.29	/	18.20
	DFT-s-OFDM 16QAM	1	1	/	17.24	/	18.20
	DFT-s-OFDM 64QAM	1	1	/	15.82	/	16.70
	DFT-s-OFDM 256QAM	1	1	/	13.53	/	14.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1	/	16.67	/	17.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				633000	633334	633668	
90MHz	DFT-s-OFDM QPSK	1	1	18.18	18.20	18.52	19.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632668	633334	634000	
80MHz	DFT-s-OFDM QPSK	1	1	18.35	18.30	18.41	19.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632334	633334	634334	
70MHz	DFT-s-OFDM QPSK	1	1	18.26	18.39	18.37	19.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	
60MHz	DFT-s-OFDM QPSK	1	1	18.25	18.33	18.47	19.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631668	633334	635000	
50MHz	DFT-s-OFDM QPSK	1	1	18.37	18.23	18.41	19.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	

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40MHz	DFT-s-OFDM QPSK	1	1	18.24	18.24	18.40	19.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631001	633334	635667	
30MHz	DFT-s-OFDM QPSK	1	1	18.32	18.34	18.30	19.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	18.28	18.23	18.56	19.20

N78 PC2 State 10				**Conducted Power(dBm)**			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500.01	/	
100MHz	DFT-s-OFDM QPSK	1	1	/	15.23	/	16.20
		1	137	/	15.17	/	16.20
		1	271	/	15.28	/	16.20
		135	0	/	11.89	/	12.70
		135	69	/	15.21	/	16.20
		135	138	/	11.81	/	12.70
		270	0	/	14.31	/	15.20
	DFT-s-OFDM 16QAM	1	1	/	14.17	/	15.20
	DFT-s-OFDM 64QAM	1	1	/	12.81	/	13.70
	DFT-s-OFDM 256QAM	1	1	/	10.51	/	11.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1	/	13.70	/	14.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				633000	633334	633668	
90MHz	DFT-s-OFDM QPSK	1	1	15.30	15.26	15.56	16.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632668	633334	634000	

80MHz	DFT-s-OFDM QPSK	1	1	15.40	15.22	15.43	16.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632334	633334	634334	
70MHz	DFT-s-OFDM QPSK	1	1	15.40	15.33	15.43	16.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	
60MHz	DFT-s-OFDM QPSK	1	1	15.14	15.48	15.48	16.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631668	633334	635000	
50MHz	DFT-s-OFDM QPSK	1	1	15.37	15.42	15.52	16.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
40MHz	DFT-s-OFDM QPSK	1	1	15.21	15.28	15.44	16.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631001	633334	635667	
30MHz	DFT-s-OFDM QPSK	1	1	15.18	15.36	15.40	16.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	15.36	15.24	15.57	16.20

N78 PC2 State 3				**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 QPSK	1	1	/	20.12	/	21.20
		1	137	/	20.12	/	21.20
		1	271	/	20.14	/	21.20
		135	0	/	16.56	/	17.70
		135	69	/	20.14	/	21.20
		135	138	/	16.60	/	17.70
		270	0	/	19.11	/	20.20

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	DFT-s-OFDM 16QAM	1	1	/	18.98	/	20.20
	DFT-s-OFDM 64QAM	1	1	/	17.80	/	18.70
	DFT-s-OFDM 256QAM	1	1	/	15.28	/	16.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1	/	18.60	/	19.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649668	650000	650334	
90MHz	DFT-s-OFDM QPSK	1	1	20.12	20.11	20.20	21.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649334	650000	650668	
80MHz	DFT-s-OFDM QPSK	1	1	20.30	20.09	20.29	21.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649000	650000	651000	
70MHz	DFT-s-OFDM QPSK	1	1	20.22	20.30	20.19	21.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648668	650000	651334	
60MHz	DFT-s-OFDM QPSK	1	1	19.98	20.24	20.37	21.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648334	650000	651668	
50MHz	DFT-s-OFDM QPSK	1	1	20.04	20.19	20.30	21.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648000	650000	652000	
40MHz	DFT-s-OFDM QPSK	1	1	20.09	20.14	20.36	21.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647668	650000	652334	
30MHz	DFT-s-OFDM QPSK	1	1	20.14	20.23	20.17	21.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647334	650000	652668	

20MHz	DFT-s-OFDM QPSK	1	1	20.10	20.09	20.31	21.20

N78 PC2 State 5				**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 QPSK	1	1	/	16.17	/	17.20
		1	137	/	16.27	/	17.20
		1	271	/	16.20	/	17.20
		135	0	/	12.51	/	13.70
		135	69	/	16.17	/	17.20
		135	138	/	12.83	/	13.70
		270	0	/	15.29	/	16.20
	DFT-s-OFDM 16QAM	1	1	/	15.20	/	16.20
	DFT-s-OFDM 64QAM	1	1	/	13.70	/	14.70
	DFT-s-OFDM 256QAM	1	1	/	11.42	/	12.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1	/	14.64	/	15.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649668	650000	650334	
90MHz	DFT-s-OFDM QPSK	1	1	16.13	16.22	16.28	17.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649334	650000	650668	
80MHz	DFT-s-OFDM QPSK	1	1	16.28	16.12	16.34	17.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649000	650000	651000	
70MHz	DFT-s-OFDM QPSK	1	1	16.14	16.28	16.14	17.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648668	650000	651334	

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60MHz	DFT-s-OFDM QPSK	1	1	16.11	16.39	16.53	17.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648334	650000	651668	
50MHz	DFT-s-OFDM QPSK	1	1	16.20	16.26	16.46	17.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648000	650000	652000	
40MHz	DFT-s-OFDM QPSK	1	1	16.18	16.26	16.42	17.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647668	650000	652334	
30MHz	DFT-s-OFDM QPSK	1	1	16.19	16.15	16.40	17.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647334	650000	652668	
20MHz	DFT-s-OFDM QPSK	1	1	16.26	16.07	16.30	17.20

N78 PC2 State 8				**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 QPSK	1	1	/	18.18	/	19.20
		1	137	/	18.05	/	19.20
		1	271	/	18.18	/	19.20
		135	0	/	14.70	/	15.70
		135	69	/	18.06	/	19.20
		135	138	/	14.60	/	15.70
		270	0	/	17.27	/	18.20
	DFT-s-OFDM 16QAM	1	1	/	17.22	/	18.20
	DFT-s-OFDM 64QAM	1	1	/	15.65	/	16.70
	DFT-s-OFDM 256QAM	1	1	/	13.50	/	14.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	

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100MHz	CP-OFDM QPSK	1	1	/	16.65	/	17.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649668	650000	650334	
90MHz	DFT-s-OFDM QPSK	1	1	17.95	18.10	18.35	19.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649334	650000	650668	
80MHz	DFT-s-OFDM QPSK	1	1	18.28	18.09	18.27	19.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649000	650000	651000	
70MHz	DFT-s-OFDM QPSK	1	1	18.21	18.28	18.20	19.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648668	650000	651334	
60MHz	DFT-s-OFDM QPSK	1	1	18.16	18.23	18.41	19.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648334	650000	651668	
50MHz	DFT-s-OFDM QPSK	1	1	18.22	18.16	18.25	19.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648000	650000	652000	
40MHz	DFT-s-OFDM QPSK	1	1	18.03	18.14	18.37	19.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647668	650000	652334	
30MHz	DFT-s-OFDM QPSK	1	1	18.18	18.37	18.27	19.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647334	650000	652668	
20MHz	DFT-s-OFDM QPSK	1	1	18.30	18.05	18.40	19.20

N78 PC2 State 10				**Conducted Power(dBm)**			
SCS 30kHz(3700~3800)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
				/	3750.00	/	

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100MHz	DFT-s-OFDM QPSK	1	1	/	15.19	/	16.20
		1	137	/	14.94	/	16.20
		1	271	/	15.20	/	16.20
		135	0	/	11.80	/	12.70
		135	69	/	15.17	/	16.20
		135	138	/	11.65	/	12.70
		270	0	/	14.19	/	15.20
	DFT-s-OFDM 16QAM	1	1	/	14.06	/	15.20
	DFT-s-OFDM 64QAM	1	1	/	12.67	/	13.70
	DFT-s-OFDM 256QAM	1	1	/	10.37	/	11.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1	/	13.49	/	14.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649668	650000	650334	
90MHz	DFT-s-OFDM QPSK	1	1	15.11	15.06	15.29	16.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649334	650000	650668	
80MHz	DFT-s-OFDM QPSK	1	1	15.38	15.25	15.37	16.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649000	650000	651000	
70MHz	DFT-s-OFDM QPSK	1	1	15.22	15.11	15.35	16.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648668	650000	651334	
60MHz	DFT-s-OFDM QPSK	1	1	15.04	15.31	15.35	16.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648334	650000	651668	
50MHz	DFT-s-OFDM QPSK	1	1	15.34	15.37	15.31	16.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648000	650000	652000	

40MHz	DFT-s-OFDM QPSK	1	1	15.16	15.11	15.30	16.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647668	650000	652334	
30MHz	DFT-s-OFDM QPSK	1	1	15.05	15.16	15.28	16.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647334	650000	652668	
20MHz	DFT-s-OFDM QPSK	1	1	15.25	15.16	15.42	16.20

N78 PC3 State 3				**Conducted Power(dBm)**			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500.01	/	
100MHz	DFT-s-OFDM QPSK	1	1	/	17.20	/	18.20
		1	137	/	17.27	/	18.20
		1	271	/	17.28	/	18.20
		135	0	/	16.41	/	17.20
		135	69	/	17.32	/	18.20
		135	138	/	16.28	/	17.20
		270	0	/	16.35	/	17.20
	DFT-s-OFDM 16QAM	1	1	/	16.44	/	17.20
	DFT-s-OFDM 64QAM	1	1	/	15.01	/	15.70
	DFT-s-OFDM 256QAM	1	1	/	12.65	/	13.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1	/	15.77	/	16.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				633000	633334	633668	
90MHz	DFT-s-OFDM QPSK	1	1	17.33	17.38	17.33	18.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632668	633334	634000	

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80MHz	DFT-s-OFDM QPSK	1	1	17.36	17.30	17.29	18.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632334	633334	634334	
70MHz	DFT-s-OFDM QPSK	1	1	17.34	17.35	17.41	18.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	
60MHz	DFT-s-OFDM QPSK	1	1	17.23	17.31	17.33	18.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631668	633334	635000	
50MHz	DFT-s-OFDM QPSK	1	1	17.39	17.41	17.29	18.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
40MHz	DFT-s-OFDM QPSK	1	1	17.35	17.35	17.37	18.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631001	633334	635667	
30MHz	DFT-s-OFDM QPSK	1	1	17.35	17.36	17.26	18.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	17.42	17.32	17.34	18.20

N78 PC3 State 5				**Conducted Power(dBm)**			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500.01	/	
100MHz	DFT-s-OFDM QPSK	1	1	/	13.18	/	14.20
		1	137	/	13.22	/	14.20
		1	271	/	13.30	/	14.20
		135	0	/	12.33	/	13.20
		135	69	/	13.22	/	14.20
		135	138	/	12.31	/	13.20
		270	0	/	12.33	/	13.20

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	DFT-s-OFDM 16QAM	1	1	/	12.38	/	13.20
	DFT-s-OFDM 64QAM	1	1	/	11.04	/	11.70
	DFT-s-OFDM 256QAM	1	1	/	8.67	/	9.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1	/	11.75	/	12.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				633000	633334	633668	
90MHz	DFT-s-OFDM QPSK	1	1	13.27	13.42	13.24	14.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632668	633334	634000	
80MHz	DFT-s-OFDM QPSK	1	1	13.25	13.25	13.34	14.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632334	633334	634334	
70MHz	DFT-s-OFDM QPSK	1	1	13.21	13.34	13.42	14.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	
60MHz	DFT-s-OFDM QPSK	1	1	13.25	13.21	13.29	14.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631668	633334	635000	
50MHz	DFT-s-OFDM QPSK	1	1	13.36	13.32	13.17	14.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
40MHz	DFT-s-OFDM QPSK	1	1	13.24	13.20	13.30	14.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631001	633334	635667	
30MHz	DFT-s-OFDM QPSK	1	1	13.30	13.42	13.34	14.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	

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20MHz	DFT-s-OFDM QPSK	1	1	13.38	13.23	13.38	14.20

N78 PC3 State 8				**Conducted Power(dBm)**			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500.01	/	
100MHz	DFT-s-OFDM QPSK	1	1	/	15.09	/	16.20
		1	137	/	15.16	/	16.20
		1	271	/	15.18	/	16.20
		135	0	/	14.37	/	15.20
		135	69	/	15.16	/	16.20
		135	138	/	14.20	/	15.20
		270	0	/	14.24	/	15.20
	DFT-s-OFDM 16QAM	1	1	/	14.44	/	15.20
	DFT-s-OFDM 64QAM	1	1	/	12.89	/	13.70
	DFT-s-OFDM 256QAM	1	1	/	10.49	/	11.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1	/	13.67	/	14.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				633000	633334	633668	
90MHz	DFT-s-OFDM QPSK	1	1	15.41	15.26	15.39	16.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632668	633334	634000	
80MHz	DFT-s-OFDM QPSK	1	1	15.36	15.18	15.24	16.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632334	633334	634334	
70MHz	DFT-s-OFDM QPSK	1	1	15.22	15.20	15.28	16.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	

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60MHz	DFT-s-OFDM QPSK	1	1	15.12	15.34	15.37	16.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631668	633334	635000	
50MHz	DFT-s-OFDM QPSK	1	1	15.37	15.37	15.26	16.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
40MHz	DFT-s-OFDM QPSK	1	1	15.21	15.31	15.36	16.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631001	633334	635667	
30MHz	DFT-s-OFDM QPSK	1	1	15.34	15.37	15.27	16.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	15.24	15.29	15.33	16.20

N78 PC3 State 10				**Conducted Power(dBm)**			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500.01	/	
100MHz	DFT-s-OFDM QPSK	1	1	/	12.13	/	13.20
		1	137	/	12.24	/	13.20
		1	271	/	12.14	/	13.20
		135	0	/	11.29	/	12.20
		135	69	/	12.34	/	13.20
		135	138	/	11.18	/	12.20
		270	0	/	11.29	/	12.20
	DFT-s-OFDM 16QAM	1	1	/	11.39	/	12.20
	DFT-s-OFDM 64QAM	1	1	/	9.97	/	10.70
	DFT-s-OFDM 256QAM	1	1	/	7.56	/	8.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	

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100MHz	CP-OFDM QPSK	1	1	/	10.66	/	11.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				633000	633334	633668	
90MHz	DFT-s-OFDM QPSK	1	1	12.17	12.38	12.38	13.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632668	633334	634000	
80MHz	DFT-s-OFDM QPSK	1	1	12.43	12.26	12.25	13.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632334	633334	634334	
70MHz	DFT-s-OFDM QPSK	1	1	12.34	12.23	12.33	13.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	
60MHz	DFT-s-OFDM QPSK	1	1	12.27	12.26	12.34	13.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631668	633334	635000	
50MHz	DFT-s-OFDM QPSK	1	1	12.30	12.30	12.27	13.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
40MHz	DFT-s-OFDM QPSK	1	1	12.19	12.19	12.28	13.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631001	633334	635667	
30MHz	DFT-s-OFDM QPSK	1	1	12.22	12.23	12.24	13.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	12.36	12.26	12.18	13.20

N78 PC3 State 3				**Conducted Power(dBm)**			
SCS 30kHz(3700~3800)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
				/	3750.00	/	

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100MHz	DFT-s-OFDM QPSK	1	1	/	17.11	/	18.20
		1	137	/	17.26	/	18.20
		1	271	/	17.14	/	18.20
		135	0	/	16.40	/	17.20
		135	69	/	17.15	/	18.20
		135	138	/	16.11	/	17.20
		270	0	/	16.24	/	17.20
	DFT-s-OFDM 16QAM	1	1	/	16.34	/	17.20
	DFT-s-OFDM 64QAM	1	1	/	15.00	/	15.70
	DFT-s-OFDM 256QAM	1	1	/	12.47	/	13.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
100MHz	CP-OFDM QPSK	1	1	/	15.63	/	16.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649668	650000	650334	
90MHz	DFT-s-OFDM QPSK	1	1	17.31	17.27	17.20	18.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649334	650000	650668	
80MHz	DFT-s-OFDM QPSK	1	1	17.30	17.23	17.21	18.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649000	650000	651000	
70MHz	DFT-s-OFDM QPSK	1	1	17.28	17.32	17.28	18.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648668	650000	651334	
60MHz	DFT-s-OFDM QPSK	1	1	17.15	17.22	17.13	18.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648334	650000	651668	
50MHz	DFT-s-OFDM QPSK	1	1	17.39	17.32	17.29	18.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648000	650000	652000	

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40MHz	DFT-s-OFDM QPSK	1	1	17.35	17.18	17.21	18.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647668	650000	652334	
30MHz	DFT-s-OFDM QPSK	1	1	17.25	17.29	17.19	18.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647334	650000	652668	
20MHz	DFT-s-OFDM QPSK	1	1	17.32	17.16	17.15	18.20

N78 PC3 State 5				**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 QPSK	1	1	/	13.00	/	14.20
		1	137	/	13.17	/	14.20
		1	271	/	13.16	/	14.20
		135	0	/	12.38	/	13.20
		135	69	/	13.11	/	14.20
		135	138	/	12.06	/	13.20
		270	0	/	12.24	/	13.20
	DFT-s-OFDM 16QAM	1	1	/	12.32	/	13.20
	DFT-s-OFDM 64QAM	1	1	/	10.89	/	11.70
	DFT-s-OFDM 256QAM	1	1	/	8.41	/	9.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
100MHz	CP-OFDM QPSK	1	1	/	11.50	/	12.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649668	650000	650334	
90MHz	DFT-s-OFDM QPSK	1	1	13.25	13.24	13.13	14.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649334	650000	650668	

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80MHz	DFT-s-OFDM QPSK	1	1	13.23	13.17	13.10	14.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649000	650000	651000	
70MHz	DFT-s-OFDM QPSK	1	1	13.26	13.17	13.21	14.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648668	650000	651334	
60MHz	DFT-s-OFDM QPSK	1	1	13.14	13.22	13.07	14.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648334	650000	651668	
50MHz	DFT-s-OFDM QPSK	1	1	13.30	13.23	13.23	14.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648000	650000	652000	
40MHz	DFT-s-OFDM QPSK	1	1	13.19	13.15	13.26	14.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647668	650000	652334	
30MHz	DFT-s-OFDM QPSK	1	1	13.27	13.12	13.09	14.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647334	650000	652668	
20MHz	DFT-s-OFDM QPSK	1	1	13.20	13.20	13.08	14.20

N78 PC3 State 8				**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 QPSK	1	1	/	15.08	/	16.20
		1	137	/	15.25	/	16.20
		1	271	/	15.10	/	16.20
		135	0	/	14.35	/	15.20
		135	69	/	15.04	/	16.20
		135	138	/	14.06	/	15.20
		270	0	/	14.28	/	15.20

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	DFT-s-OFDM 16QAM	1	1	/	14.29	/	15.20
	DFT-s-OFDM 64QAM	1	1	/	12.97	/	13.70
	DFT-s-OFDM 256QAM	1	1	/	10.45	/	11.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
100MHz	CP-OFDM QPSK	1	1	/	13.60	/	14.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649668	650000	650334	
90MHz	DFT-s-OFDM QPSK	1	1	15.19	15.26	15.22	16.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649334	650000	650668	
80MHz	DFT-s-OFDM QPSK	1	1	15.26	15.11	15.22	16.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649000	650000	651000	
70MHz	DFT-s-OFDM QPSK	1	1	15.27	15.19	15.17	16.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648668	650000	651334	
60MHz	DFT-s-OFDM QPSK	1	1	15.21	15.10	15.14	16.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648334	650000	651668	
50MHz	DFT-s-OFDM QPSK	1	1	15.43	15.27	15.13	16.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648000	650000	652000	
40MHz	DFT-s-OFDM QPSK	1	1	15.23	15.13	15.14	16.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647668	650000	652334	
30MHz	DFT-s-OFDM QPSK	1	1	15.15	15.18	15.04	16.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647334	650000	652668	

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20MHz	DFT-s-OFDM QPSK	1	1	15.26	15.15	15.04	16.20

N78 PC3 State 10				**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 QPSK	1	1	/	12.07	/	13.20
		1	137	/	12.29	/	13.20
		1	271	/	12.19	/	13.20
		135	0	/	11.26	/	12.20
		135	69	/	12.12	/	13.20
		135	138	/	10.99	/	12.20
		270	0	/	11.11	/	12.20
	DFT-s-OFDM 16QAM	1	1	/	11.24	/	12.20
	DFT-s-OFDM 64QAM	1	1	/	10.03	/	10.70
	DFT-s-OFDM 256QAM	1	1	/	7.45	/	8.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
100MHz	CP-OFDM QPSK	1	1	/	10.56	/	11.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649668	650000	650334	
90MHz	DFT-s-OFDM QPSK	1	1	12.17	12.27	12.05	13.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649334	650000	650668	
80MHz	DFT-s-OFDM QPSK	1	1	12.29	12.12	12.19	13.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649000	650000	651000	
70MHz	DFT-s-OFDM QPSK	1	1	12.20	12.31	12.25	13.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648668	650000	651334	

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60MHz	DFT-s-OFDM QPSK	1	1	12.03	12.23	12.12	13.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648334	650000	651668	
50MHz	DFT-s-OFDM QPSK	1	1	12.33	12.37	12.17	13.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648000	650000	652000	
40MHz	DFT-s-OFDM QPSK	1	1	12.33	12.11	12.16	13.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647668	650000	652334	
30MHz	DFT-s-OFDM QPSK	1	1	12.19	12.24	12.21	13.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647334	650000	652668	
20MHz	DFT-s-OFDM QPSK	1	1	12.26	12.14	12.04	13.20

8.8 Conducted Power of NR Antenna (Ant10)

N77 State 3				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500.01	/	
100MHz	DFT-s-OFDM QPSK	1	1	/	18.63	/	19.70
		1	137	/	18.45	/	19.70
		1	271	/	18.35	/	19.70
		135	0	/	17.57	/	18.70
		135	69	/	18.56	/	19.70
		135	138	/	17.28	/	18.70
		270	0	/	17.56	/	18.70
	DFT-s-OFDM 16QAM	1	1	/	17.64	/	18.70
	DFT-s-OFDM 64QAM	1	1	/	16.38	/	17.20
	DFT-s-OFDM 256QAM	1	1	/	14.04	/	15.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1	/	17.16	/	18.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				633000	633334	633668	
90MHz	DFT-s-OFDM QPSK	1	1	18.61	18.78	18.55	19.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632668	633334	634000	
80MHz	DFT-s-OFDM QPSK	1	1	18.53	18.71	18.60	19.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632334	633334	634334	
70MHz	DFT-s-OFDM QPSK	1	1	18.72	18.61	18.66	19.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	
60MHz	DFT-s-OFDM QPSK	1	1	18.57	18.70	18.59	19.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up

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				631668	633334	635000	
50MHz	DFT-s-OFDM QPSK	1	1	18.76	18.66	18.64	19.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
40MHz	DFT-s-OFDM QPSK	1	1	18.73	18.74	18.55	19.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631001	633334	635667	
30MHz	DFT-s-OFDM QPSK	1	1	18.68	18.67	18.74	19.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	18.60	18.62	18.69	19.70

N77 State 5				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500.01	/	
100MHz	DFT-s-OFDM QPSK	1	1	/	17.19	/	18.20
		1	137	/	16.91	/	18.20
		1	271	/	16.88	/	18.20
		135	0	/	16.06	/	17.20
		135	69	/	17.00	/	18.20
		135	138	/	15.98	/	17.20
		270	0	/	16.14	/	17.20
	DFT-s-OFDM 16QAM	1	1	/	16.00	/	17.20
	DFT-s-OFDM 64QAM	1	1	/	14.93	/	15.70
	DFT-s-OFDM 256QAM	1	1	/	12.71	/	13.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1	/	15.53	/	16.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				633000	633334	633668	

90MHz	DFT-s-OFDM QPSK	1	1	17.18	17.17	17.07	18.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632668	633334	634000	
80MHz	DFT-s-OFDM QPSK	1	1	17.00	17.23	16.94	18.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632334	633334	634334	
70MHz	DFT-s-OFDM QPSK	1	1	17.16	17.21	17.11	18.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	
60MHz	DFT-s-OFDM QPSK	1	1	17.09	17.15	16.98	18.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631668	633334	635000	
50MHz	DFT-s-OFDM QPSK	1	1	17.17	16.98	17.05	18.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
40MHz	DFT-s-OFDM QPSK	1	1	17.13	17.41	17.07	18.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631001	633334	635667	
30MHz	DFT-s-OFDM QPSK	1	1	17.09	17.16	17.32	18.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	17.27	17.28	17.22	18.20

N77 State 8				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500.01	/	
100MHz	DFT-s-OFDM QPSK	1	1	/	16.66	/	17.70
		1	137	/	16.29	/	17.70
		1	271	/	16.23	/	17.70

		135	0	/	15.50	/	16.70
		135	69	/	16.50	/	17.70
		135	138	/	15.46	/	16.70
		270	0	/	15.50	/	16.70
	DFT-s-OFDM 16QAM	1	1	/	15.76	/	16.70
	DFT-s-OFDM 64QAM	1	1	/	14.43	/	15.20
	DFT-s-OFDM 256QAM	1	1	/	12.26	/	13.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1	/	15.08	/	16.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				633000	633334	633668	
90MHz	DFT-s-OFDM QPSK	1	1	16.50	16.60	16.64	17.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632668	633334	634000	
80MHz	DFT-s-OFDM QPSK	1	1	16.60	16.76	16.49	17.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632334	633334	634334	
70MHz	DFT-s-OFDM QPSK	1	1	16.62	16.48	16.59	17.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	
60MHz	DFT-s-OFDM QPSK	1	1	16.66	16.66	16.51	17.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631668	633334	635000	
50MHz	DFT-s-OFDM QPSK	1	1	16.66	16.76	16.61	17.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
40MHz	DFT-s-OFDM QPSK	1	1	16.68	16.85	16.51	17.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631001	633334	635667	

30MHz	DFT-s-OFDM QPSK	1	1	16.68	16.69	16.61	17.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	16.57	16.65	16.65	17.70

N77 State 10				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500.01	/	
100MHz	DFT-s-OFDM QPSK	1	1	/	16.06	/	17.20
		1	137	/	15.93	/	17.20
		1	271	/	15.74	/	17.20
		135	0	/	15.18	/	16.20
		135	69	/	15.99	/	17.20
		135	138	/	14.74	/	16.20
		270	0	/	14.95	/	16.20
	DFT-s-OFDM 16QAM	1	1	/	15.13	/	16.20
	DFT-s-OFDM 64QAM	1	1	/	13.75	/	14.70
	DFT-s-OFDM 256QAM	1	1	/	11.75	/	12.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1	/	14.66	/	15.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				633000	633334	633668	
90MHz	DFT-s-OFDM QPSK	1	1	16.07	16.31	16.11	17.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632668	633334	634000	
80MHz	DFT-s-OFDM QPSK	1	1	15.98	16.18	16.13	17.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632334	633334	634334	

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70MHz	DFT-s-OFDM QPSK	1	1	15.99	15.99	16.18	17.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	
60MHz	DFT-s-OFDM QPSK	1	1	16.08	16.13	15.96	17.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631668	633334	635000	
50MHz	DFT-s-OFDM QPSK	1	1	16.29	16.20	16.29	17.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
40MHz	DFT-s-OFDM QPSK	1	1	16.14	16.30	16.26	17.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631001	633334	635667	
30MHz	DFT-s-OFDM QPSK	1	1	16.17	16.08	16.26	17.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	16.17	16.05	16.27	17.20

N77 State 3				**Conducted Power(dBm)**						
SCS 30kHz(3700~3980)										
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				650000	652400	654800	657200	659600	662000	
				3750.00	3786.00	3822.00	3858.00	3894.00	3930.00	
100MHz	DFT-s-OFDM QPSK	1	1	18.19	18.28	18.20	18.18	18.13	18.20	19.70
		1	137	17.96	17.91	17.87	18.01	17.95	18.16	19.70
		1	271	17.90	17.85	17.84	18.09	18.00	18.02	19.70
		135	0	17.05	17.14	17.17	17.18	17.24	17.11	18.70
		135	69	18.15	17.89	18.12	18.05	18.13	**18.29**	19.70
		135	138	16.91	16.86	17.06	17.04	16.99	17.00	18.70
		270	0	17.17	17.17	17.11	17.04	17.00	17.04	18.70
	DFT-s-OFDM 16QAM	1	1	17.32	17.10	17.26	17.37	17.16	17.39	18.70
	DFT-s-OFDM 64QAM	1	1	15.85	16.05	15.90	16.13	16.08	16.12	17.20

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	DFT-s-OFDM 256QAM	1	1	13.70	13.59	13.73	13.66	13.56	13.64	15.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				650000	652400	654800	657200	659600	662000	
100MHz	CP-OFDM QPSK	1	1	17.16	17.06	17.03	17.03	17.07	17.08	18.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				649668	652200	654734	657268	659800	662332	
90MHz	DFT-s-OFDM QPSK	1	1	18.32	18.33	18.18	18.43	18.13	18.25	19.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				649334	652000	654668	657334	660000	662666	
80MHz	DFT-s-OFDM QPSK	1	1	18.28	18.17	18.12	18.31	18.12	18.17	19.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				649001	651800	654601	657401	660200	662999	
70MHz	DFT-s-OFDM QPSK	1	1	18.25	18.34	18.18	18.42	18.08	18.16	19.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				648668	651600	654534	657468	660400	663332	
60MHz	DFT-s-OFDM QPSK	1	1	18.31	18.21	18.09	18.26	18.35	18.31	19.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				648334	651400	654468	657534	660600	663666	
50MHz	DFT-s-OFDM QPSK	1	1	18.31	18.33	18.14	18.15	18.22	18.14	19.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				648000	651200	654400	657600	660800	664000	
40MHz	DFT-s-OFDM QPSK	1	1	18.31	18.40	18.11	18.23	18.09	18.10	19.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				647666	651000	654332	657666	661000	664334	
30MHz	DFT-s-OFDM QPSK	1	1	18.21	18.19	18.25	18.13	18.10	18.12	19.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				647332	650800	654264	657732	661200	664668	
20MHz	DFT-s-OFDM QPSK	1	1	18.41	18.28	18.37	18.24	18.18	18.29	19.70

N77 State 5	**Conducted Power(dBm)**

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SCS 30kHz(3700~3980)										
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				650000	652400	654800	657200	659600	662000	
				3750.00	3786.00	3822.00	3858.00	3894.00	3930.00	
100MHz	DFT-s-OFDM QPSK	1	1	16.85	16.90	16.72	16.83	16.63	16.79	18.20
		1	137	16.68	16.52	16.38	16.45	16.60	16.63	18.20
		1	271	16.57	16.39	16.55	16.52	16.60	16.43	18.20
		135	0	15.51	15.68	15.78	15.58	15.59	15.57	17.20
		135	69	16.60	16.35	16.63	16.78	16.64	**16.81**	18.20
		135	138	15.40	15.37	15.69	15.70	15.47	15.56	17.20
		270	0	15.66	15.45	15.73	15.50	15.45	15.64	17.20
	DFT-s-OFDM 16QAM	1	1	15.78	15.63	15.95	15.79	15.68	15.82	17.20
	DFT-s-OFDM 64QAM	1	1	14.54	14.46	14.46	14.60	14.65	14.76	15.70
	DFT-s-OFDM 256QAM	1	1	12.27	12.18	11.99	12.29	11.99	11.96	13.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				650000	652400	654800	657200	659600	662000	
100MHz	CP-OFDM QPSK	1	1	15.48	15.65	15.40	15.57	15.42	15.54	16.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				649668	652200	654734	657268	659800	662332	
90MHz	DFT-s-OFDM QPSK	1	1	16.84	16.96	16.68	16.74	16.60	16.68	18.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				649334	652000	654668	657334	660000	662666	
80MHz	DFT-s-OFDM QPSK	1	1	16.78	16.74	16.70	16.74	16.61	16.80	18.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				649001	651800	654601	657401	660200	662999	
70MHz	DFT-s-OFDM QPSK	1	1	16.84	16.66	16.77	16.79	16.61	16.63	18.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				648668	651600	654534	657468	660400	663332	
60MHz	DFT-s-OFDM QPSK	1	1	16.84	16.76	16.64	16.95	16.68	16.93	18.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				648334	651400	654468	657534	660600	663666	

50MHz	DFT-s-OFDM QPSK	1	1	16.79	16.94	16.77	16.56	16.86	16.52	18.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				648000	651200	654400	657600	660800	664000	
40MHz	DFT-s-OFDM QPSK	1	1	16.74	16.85	16.64	16.86	16.70	16.64	18.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				647666	651000	654332	657666	661000	664334	
30MHz	DFT-s-OFDM QPSK	1	1	16.74	16.80	16.64	16.68	16.47	16.84	18.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				647332	650800	654264	657732	661200	664668	
20MHz	DFT-s-OFDM QPSK	1	1	16.79	17.01	16.63	16.98	16.62	16.66	18.20

N77 State 8					**Conducted Power(dBm)**					
SCS 30kHz(3700~3980)										
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				650000	652400	654800	657200	659600	662000	
				3750.00	3786.00	3822.00	3858.00	3894.00	3930.00	
100MHz	DFT-s-OFDM QPSK	1	1	16.24	16.32	16.18	16.26	16.22	16.14	17.70
		1	137	16.08	15.90	15.81	15.85	16.01	16.06	17.70
		1	271	15.97	15.75	15.87	16.10	15.95	15.93	17.70
		135	0	15.06	15.16	15.31	15.14	15.23	15.10	16.70
		135	69	16.09	15.87	16.10	16.24	16.09	**16.37**	17.70
		135	138	14.92	15.06	14.98	15.06	14.96	15.00	16.70
		270	0	14.97	15.12	15.11	14.99	14.90	14.88	16.70
	DFT-s-OFDM 16QAM	1	1	15.28	15.20	15.36	15.24	15.20	15.26	16.70
	DFT-s-OFDM 64QAM	1	1	13.88	14.17	14.07	14.03	14.27	14.24	15.20
	DFT-s-OFDM 256QAM	1	1	11.84	11.71	11.70	11.54	11.60	11.50	13.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				650000	652400	654800	657200	659600	662000	
100MHz	CP-OFDM QPSK	1	1	15.02	15.09	15.05	15.09	15.06	14.99	16.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				649668	652200	654734	657268	659800	662332	