

Appendix E

Conducted RF Output Power

Measurement of RF conducted Power
1 Conducted Power of Main Antenna (Ant0)
1.1 Conducted Power of WCDMA
1.2 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 (Ant4)
3.1 Conducted Power of WCDMA
3.2 Conducted Power of LTE
4 Conducted Power of Main Antenna (Ant5)
4.1 Conducted Power of GSM
4.2 Conducted Power of WCDMA
4.3 Conducted Power of LTE
5 Conducted Power of Uplink CA
5.1 Conducted Power of LTE Uplink CA (Ant0)
5.2 Conducted Power of LTE Uplink CA (Ant1)
5.3 Conducted Power of LTE Uplink CA (Ant4)
5.4 Conducted Power of LTE Uplink CA (Ant5)



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6	Conducted Power of NR SA Antenna
6.1	Conducted Power of NR SA Antenna (Ant0)
6.2	Conducted Power of NR SA Antenna (Ant1)
6.3	Conducted Power of NR SA Antenna (Ant4)
6.4	Conducted Power of NR SA Antenna (Ant5)
7	Conducted Power of WiFi and Bluetooth
7.1	Conducted Power of 2.4GWiFi
7.2	Conducted Power of 5GWiFi
7.3	Conducted Power of Bluetooth

Note: State	Trigger Conditions	Antenna No.
State3	Receiver off Standalone	All WWAN Ant
State5	Receiver on Standalone	All WWAN Ant
State8	Receiver off Simultaneous transmission&Hotspot	All WWAN Ant
State10	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 WCDMA

WCDMA Band V State3/5/8/10					
Average Conducted Power(dBm)					
Channel		4132	4182	4233	Tune up
WCDMA	12.2kbps RMC	24.91	24.94	24.89	25.20
	12.2kbps AMR	24.89	24.90	24.86	25.20
HSDPA	Subtest 1	23.87	23.81	23.76	25.20
	Subtest 2	23.88	23.80	23.76	25.20
	Subtest 3	23.35	23.28	23.23	24.70
	Subtest 4	23.37	23.28	23.24	24.70
HSUPA	Subtest 1	23.78	23.76	23.70	25.20
	Subtest 2	21.75	21.70	21.70	23.20
	Subtest 3	22.72	22.74	22.67	24.20
	Subtest 4	21.74	21.73	21.68	23.20
	Subtest 5	23.73	23.73	23.70	25.20
DC-HSDPA	Subtest 1	23.77	23.72	23.75	25.20
	Subtest 2	23.90	23.88	23.67	25.20
	Subtest 3	23.43	23.22	23.21	24.70
	Subtest 4	23.29	23.24	23.18	24.70
HSPA+	16QAM	21.98	21.95	21.84	23.20



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1.2 Conducted Power of LTE

LTE Band 4 State3/5/8/10				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19957	20175	20393	
1.4MHz	QPSK	1	0	23.93	23.73	23.52	25.20
		1	2	23.83	23.72	23.56	25.20
		1	5	23.71	23.70	23.50	25.20
		3	0	23.60	23.68	23.60	25.20
		3	2	23.56	23.65	23.47	25.20
		3	3	23.59	23.68	23.59	25.20
		6	0	22.69	22.65	22.58	24.20
	16QAM	1	0	22.81	23.07	22.92	24.20
		1	2	22.79	22.98	23.00	24.20
		1	5	22.80	23.04	22.74	24.20
		3	0	22.67	22.76	22.82	24.20
		3	2	22.68	22.64	22.80	24.20
		3	3	22.68	22.70	22.59	24.20
		6	0	21.63	21.65	21.63	23.20
	64QAM	1	0	22.71	22.30	22.80	23.20
		1	2	22.19	22.74	22.76	23.20
		1	5	22.63	22.70	22.57	23.20
		3	0	22.61	22.54	22.52	23.20
		3	2	22.38	22.79	22.54	23.20
		3	3	22.58	22.68	22.70	23.20
		6	0	21.40	21.69	21.51	22.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19965	20175	20385	
3MHz	QPSK	1	0	23.47	23.52	23.62	25.20
		1	7	24.09	23.66	23.64	25.20
		1	14	23.82	23.77	24.29	25.20
		8	0	22.56	22.65	22.80	24.20
		8	4	22.95	22.84	22.80	24.20



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		8	7	22.89	22.93	22.93	24.20
		15	0	22.81	22.69	22.85	24.20
	16QAM	1	0	23.21	23.03	22.88	24.20
		1	7	23.02	23.19	23.62	24.20
		1	14	23.11	23.04	23.16	24.20
		8	0	21.72	21.72	21.85	23.20
		8	4	21.86	21.90	21.77	23.20
		8	7	21.91	21.80	21.89	23.20
		15	0	21.90	21.76	21.71	23.20
		15	0	21.90	21.76	21.71	23.20
	64QAM	1	0	22.97	23.08	22.76	23.20
		1	7	23.08	23.00	23.00	23.20
		1	14	22.92	22.96	22.88	23.20
		8	0	21.74	21.79	21.71	22.20
		8	4	21.96	21.81	21.76	22.20
		8	7	21.93	21.76	21.92	22.20
		15	0	21.85	21.97	21.79	22.20
		15	0	21.85	21.97	21.79	22.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19975	20175	20375	
5MHz	QPSK	1	0	23.51	23.60	23.61	25.20
		1	13	23.91	23.63	23.63	25.20
		1	24	23.70	23.71	24.18	25.20
		12	0	22.66	22.60	22.80	24.20
		12	6	22.88	22.82	22.78	24.20
		12	13	22.96	22.78	22.86	24.20
		25	0	22.79	22.80	22.75	24.20
	16QAM	1	0	23.14	22.94	22.85	24.20
		1	13	22.95	23.12	23.59	24.20
		1	24	23.00	23.01	23.16	24.20
		12	0	21.58	21.83	21.85	23.20
		12	6	21.88	21.99	21.78	23.20
		12	13	21.96	21.88	21.78	23.20
		25	0	21.85	21.75	21.79	23.20
	64QAM	1	0	22.97	22.93	22.80	23.20
		1	13	23.01	23.02	22.94	23.20



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		1	24	23.00	22.92	22.69	23.20
		12	0	21.79	21.81	21.72	22.20
		12	6	21.98	21.70	21.64	22.20
		12	13	22.03	21.71	21.77	22.20
		25	0	21.81	21.87	21.80	22.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20000	20175	20350	
10MHz	QPSK	1	0	23.45	23.57	23.67	25.20
		1	25	24.04	23.71	23.80	25.20
		1	49	23.62	23.66	24.21	25.20
		25	0	22.62	22.79	22.77	24.20
		25	13	22.83	22.73	22.71	24.20
		25	25	22.89	22.94	23.01	24.20
		50	0	22.76	22.65	22.87	24.20
	16QAM	1	0	23.12	22.94	22.84	24.20
		1	25	22.98	23.08	23.64	24.20
		1	49	23.02	23.12	23.21	24.20
		25	0	21.65	21.86	21.69	23.20
		25	13	21.81	21.80	21.88	23.20
		25	25	21.95	21.90	21.94	23.20
		50	0	21.84	21.72	21.66	23.20
	64QAM	1	0	22.96	22.91	22.75	23.20
		1	25	23.06	22.94	22.97	23.20
		1	49	22.93	22.91	22.86	23.20
		25	0	21.83	21.81	21.74	22.20
		25	13	21.98	21.76	21.71	22.20
		25	25	22.02	21.88	21.77	22.20
		50	0	21.88	21.92	21.78	22.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20025	20175	20325	
15MHz	QPSK	1	0	23.38	23.65	23.51	25.20
		1	38	24.07	23.76	23.71	25.20
		1	74	23.74	23.76	24.11	25.20
		36	0	22.70	22.62	22.71	24.20



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		36	18	22.78	22.75	22.78	24.20
		36	39	22.78	22.91	22.87	24.20
		75	0	22.87	22.85	22.88	24.20
	16QAM	1	0	23.09	22.97	22.97	24.20
		1	38	23.10	23.07	23.48	24.20
		1	74	23.18	23.20	23.18	24.20
		36	0	21.70	21.75	21.76	23.20
		36	18	21.94	21.97	21.81	23.20
		36	39	21.81	21.80	21.91	23.20
		75	0	21.75	21.75	21.85	23.20
	64QAM	1	0	22.94	23.01	22.88	23.20
		1	38	22.91	22.86	22.86	23.20
		1	74	23.03	22.84	22.77	23.20
		36	0	21.81	21.70	21.81	22.20
		36	18	21.83	21.79	21.66	22.20
		36	39	21.97	21.76	21.91	22.20
		75	0	21.83	21.80	21.72	22.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20050	20175	20300	
20MHz	QPSK	1	0	23.45	23.58	23.59	25.20
		1	50	24.00	23.68	23.73	25.20
		1	99	23.72	23.68	24.21	25.20
		50	0	22.66	22.69	22.76	24.20
		50	25	22.86	22.76	22.75	24.20
		50	50	22.86	22.84	22.94	24.20
		100	0	22.80	22.75	22.78	24.20
	16QAM	1	0	23.13	23.03	22.89	24.20
		1	50	23.04	23.10	23.56	24.20
		1	99	23.08	23.11	23.23	24.20
		50	0	21.68	21.77	21.78	23.20
		50	25	21.90	21.89	21.80	23.20
		50	50	21.90	21.87	21.85	23.20
		100	0	21.82	21.79	21.76	23.20
	64QAM	1	0	22.88	22.98	22.83	23.20



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		1	50	23.00	22.94	22.94	23.20
		1	99	22.96	22.87	22.79	23.20
		50	0	21.78	21.72	21.72	22.20
		50	25	21.90	21.75	21.73	22.20
		50	50	21.94	21.79	21.84	22.20
		100	0	21.84	21.87	21.79	22.20



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LTE Band 5 State3/5/8/10				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20407	20525	20643	
1.4MHz	QPSK	1	0	23.87	24.15	24.29	25.20
		1	2	24.20	24.20	24.24	25.20
		1	5	23.94	24.29	24.26	25.20
		3	0	23.97	24.26	24.32	25.20
		3	2	23.93	24.22	24.24	25.20
		3	3	24.11	24.17	24.30	25.20
		6	0	23.53	23.69	23.85	24.20
	16QAM	1	0	23.26	23.32	23.86	24.20
		1	2	23.92	23.50	23.87	24.20
		1	5	22.88	23.81	23.49	24.20
		3	0	23.74	23.57	23.84	24.20
		3	2	23.49	23.83	23.67	24.20
		3	3	23.62	23.76	23.91	24.20
		6	0	23.02	23.07	22.99	23.20
	64QAM	1	0	23.03	23.17	23.12	23.20
		1	2	23.04	23.06	23.02	23.20
		1	5	22.91	23.03	23.18	23.20
		3	0	23.09	23.01	23.10	23.20
		3	2	23.12	23.06	23.14	23.20
		3	3	22.81	23.18	23.19	23.20
		6	0	22.10	22.01	22.16	22.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20415	20525	20635	
3MHz	QPSK	1	0	24.50	24.48	24.24	25.20
		1	7	24.35	24.42	24.44	25.20
		1	14	24.24	24.15	24.34	25.20
		8	0	23.67	23.89	23.85	24.20
		8	4	23.94	23.90	23.95	24.20
		8	7	23.93	23.91	24.06	24.20
		15	0	23.78	23.89	24.01	24.20



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	16QAM	1	0	24.04	23.63	23.96	24.20
		1	7	23.86	24.10	23.00	24.20
		1	14	23.78	23.91	23.94	24.20
		8	0	22.76	22.79	22.76	23.20
		8	4	23.01	22.99	22.89	23.20
		8	7	22.96	22.95	23.09	23.20
		15	0	22.90	22.89	23.12	23.20
	64QAM	1	0	22.53	22.45	22.76	23.20
		1	7	22.89	22.47	22.79	23.20
		1	14	22.71	22.63	22.62	23.20
		8	0	21.86	22.05	22.16	22.20
		8	4	22.17	22.01	22.19	22.20
		8	7	21.96	22.09	22.15	22.20
		15	0	22.08	22.04	22.13	22.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20425	20525	20625	
5MHz	QPSK	1	0	24.43	24.47	24.26	25.20
		1	13	24.24	24.44	24.43	25.20
		1	24	24.24	24.26	24.34	25.20
		12	0	23.70	23.82	23.92	24.20
		12	6	23.95	23.86	23.97	24.20
		12	13	23.80	23.90	23.95	24.20
		25	0	23.75	23.76	23.90	24.20
	16QAM	1	0	23.98	23.74	24.04	24.20
		1	13	23.95	24.07	23.05	24.20
		1	24	23.63	23.83	23.93	24.20
		12	0	22.79	22.75	22.90	23.20
		12	6	23.02	22.95	23.01	23.20
		12	13	22.93	22.93	23.13	23.20
		25	0	22.94	22.80	23.15	23.20
	64QAM	1	0	22.61	22.39	22.61	23.20
		1	13	22.76	22.36	22.84	23.20
		1	24	22.64	22.58	22.50	23.20
		12	0	21.87	22.08	22.11	22.20



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		12	6	22.12	22.02	22.11	22.20
		12	13	21.99	22.04	22.06	22.20
		25	0	22.07	21.98	22.11	22.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20450	20525	20600	
10MHz	QPSK	1	0	24.40	24.44	24.33	25.20
		1	25	24.30	24.36	24.34	25.20
		1	49	24.25	24.23	24.28	25.20
		25	0	23.75	23.80	23.86	24.20
		25	13	23.86	23.84	23.93	24.20
		25	25	23.86	23.87	23.96	24.20
		50	0	23.84	23.79	23.95	24.20
	16QAM	1	0	24.06	23.69	24.00	24.20
		1	25	23.95	24.10	23.07	24.20
		1	49	23.69	23.89	23.86	24.20
		25	0	22.85	22.79	22.84	23.20
		25	13	22.92	22.97	22.96	23.20
		25	25	22.93	22.91	23.06	23.20
		50	0	22.88	22.83	23.05	23.20
	64QAM	1	0	22.58	22.42	22.71	23.20
		1	25	22.85	22.38	22.78	23.20
		1	49	22.62	22.64	22.56	23.20
		25	0	21.96	22.06	22.10	22.20
		25	13	22.20	22.09	22.20	22.20
		25	25	22.04	22.14	22.14	22.20
		50	0	21.98	21.98	22.16	22.20



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LTE Band 7 State3/8				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20775	21100	21425	
5MHz	QPSK	1	0	20.54	20.44	20.43	22.20
		1	13	20.34	20.33	20.62	22.20
		1	24	20.76	20.33	20.46	22.20
		12	0	20.26	20.36	20.29	22.20
		12	6	20.55	20.49	20.52	22.20
		12	13	20.39	20.32	20.42	22.20
		25	0	20.59	20.43	20.50	22.20
	16QAM	1	0	20.56	20.75	20.60	22.20
		1	13	20.77	20.74	21.06	22.20
		1	24	20.92	20.43	20.64	22.20
		12	0	20.49	20.41	20.24	22.20
		12	6	20.47	20.50	20.63	22.20
		12	13	20.28	20.40	20.37	22.20
		25	0	20.65	20.49	20.51	22.20
	64QAM	1	0	20.61	20.39	20.61	22.20
		1	13	20.59	20.55	20.67	22.20
		1	24	20.53	20.72	20.68	22.20
		12	0	20.37	20.19	20.18	21.20
		12	6	20.57	20.43	20.55	21.20
		12	13	20.24	20.30	20.33	21.20
		25	0	20.55	20.46	20.56	21.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20800	21100	21400	
10MHz	QPSK	1	0	20.63	20.38	20.25	22.20
		1	25	20.40	20.31	20.49	22.20
		1	49	20.76	20.35	20.38	22.20
		25	0	20.30	20.38	20.23	22.20
		25	13	20.50	20.56	20.64	22.20
		25	25	20.28	20.32	20.27	22.20
		50	0	20.56	20.47	20.52	22.20



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	16QAM	1	0	20.58	20.70	20.76	22.20
		1	25	20.85	20.67	20.92	22.20
		1	49	20.91	20.52	20.59	22.20
		25	0	20.51	20.35	20.41	22.20
		25	13	20.59	20.57	20.62	22.20
		25	25	20.25	20.46	20.45	22.20
		50	0	20.56	20.45	20.52	22.20
	64QAM	1	0	20.57	20.36	20.53	22.20
		1	25	20.55	20.49	20.71	22.20
		1	49	20.44	20.64	20.75	22.20
		25	0	20.48	20.24	20.10	21.20
		25	13	20.57	20.37	20.55	21.20
		25	25	20.26	20.17	20.52	21.20
		50	0	20.49	20.50	20.49	21.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20825	21100	21375	
15MHz	QPSK	1	0	20.56	20.45	20.23	22.20
		1	38	20.41	20.24	20.49	22.20
		1	74	20.65	20.47	20.32	22.20
		36	0	20.22	20.25	20.29	22.20
		36	18	20.66	20.55	20.64	22.20
		36	39	20.23	20.37	20.38	22.20
		75	0	20.64	20.61	20.64	22.20
	16QAM	1	0	20.64	20.71	20.78	22.20
		1	38	20.68	20.78	21.01	22.20
		1	74	20.86	20.45	20.69	22.20
		36	0	20.45	20.39	20.29	22.20
		36	18	20.51	20.38	20.59	22.20
		36	39	20.34	20.45	20.41	22.20
		75	0	20.60	20.40	20.64	22.20
	64QAM	1	0	20.59	20.42	20.64	22.20
		1	38	20.47	20.61	20.64	22.20
		1	74	20.43	20.69	20.62	22.20
		36	0	20.32	20.19	20.25	21.20



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		36	18	20.66	20.50	20.52	21.20
		36	39	20.21	20.11	20.35	21.20
		75	0	20.60	20.36	20.65	21.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20850	21100	21350	
20MHz	QPSK	1	0	20.51	20.34	20.23	22.20
		1	50	20.22	20.22	20.45	22.20
		1	99	20.56	20.31	20.27	22.20
		50	0	20.21	20.21	20.23	22.20
		50	25	20.49	20.43	20.49	22.20
		50	50	20.23	20.25	20.24	22.20
		100	0	20.48	20.41	20.46	22.20
	16QAM	1	0	20.51	20.58	20.59	22.20
		1	50	20.65	20.61	20.90	22.20
		1	99	20.73	20.41	20.53	22.20
		50	0	20.31	20.25	20.23	22.20
		50	25	20.47	20.38	20.58	22.20
		50	50	20.23	20.32	20.27	22.20
		100	0	20.46	20.39	20.49	22.20
	64QAM	1	0	20.52	20.36	20.50	22.20
		1	50	20.42	20.49	20.56	22.20
		1	99	20.38	20.54	20.57	22.20
		50	0	20.28	20.05	20.06	21.20
		50	25	20.46	20.36	20.47	21.20
		50	50	20.16	20.11	20.33	21.20
		100	0	20.45	20.30	20.48	21.20



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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	22.72	22.38	22.43	24.20
		1	13	22.85	22.87	22.66	24.20
		1	24	22.32	22.25	22.50	24.20
		12	0	21.54	21.37	21.39	23.20
		12	6	21.67	21.50	21.74	23.20
		12	13	21.43	21.50	21.33	23.20
		25	0	21.65	21.48	21.55	23.20
	16QAM	1	0	21.87	21.83	21.65	23.20
		1	13	21.85	21.84	21.90	23.20
		1	24	21.77	22.17	21.72	23.20
		12	0	20.30	20.41	20.36	22.20
		12	6	20.76	20.52	20.54	22.20
		12	13	20.40	20.51	20.44	22.20
		25	0	20.69	20.51	20.71	22.20
	64QAM	1	0	21.61	21.49	21.44	22.20
		1	13	21.63	21.30	21.87	22.20
		1	24	21.69	21.56	21.50	22.20
		12	0	20.40	20.20	20.40	21.20
		12	6	20.71	20.57	20.74	21.20
		12	13	20.07	20.32	20.38	21.20
		25	0	20.59	20.50	20.72	21.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20800	21100	21400	
10MHz	QPSK	1	0	22.54	22.44	22.28	24.20
		1	25	22.75	22.82	22.72	24.20
		1	49	22.48	22.26	22.49	24.20
		25	0	21.63	21.36	21.43	23.20
		25	13	21.69	21.51	21.61	23.20
		25	25	21.38	21.53	21.34	23.20
		50	0	21.57	21.56	21.62	23.20



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	16QAM	1	0	21.95	21.83	21.63	23.20
		1	25	21.83	21.78	21.70	23.20
		1	49	21.64	22.19	21.74	23.20
		25	0	20.30	20.36	20.35	22.20
		25	13	20.83	20.52	20.60	22.20
		25	25	20.40	20.49	20.40	22.20
		50	0	20.56	20.50	20.58	22.20
	64QAM	1	0	21.60	21.43	21.53	22.20
		1	25	21.57	21.34	21.78	22.20
		1	49	21.54	21.51	21.59	22.20
		25	0	20.32	20.25	20.38	21.20
		25	13	20.64	20.66	20.67	21.20
		25	25	20.25	20.28	20.39	21.20
		50	0	20.72	20.45	20.69	21.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20825	21100	21375	
15MHz	QPSK	1	0	22.55	22.35	22.28	24.20
		1	38	22.77	22.90	22.64	24.20
		1	74	22.32	22.24	22.38	24.20
		36	0	21.54	21.26	21.47	23.20
		36	18	21.72	21.66	21.73	23.20
		36	39	21.36	21.50	21.27	23.20
		75	0	21.66	21.57	21.67	23.20
	16QAM	1	0	21.98	21.73	21.59	23.20
		1	38	21.82	21.97	21.72	23.20
		1	74	21.73	22.20	21.74	23.20
		36	0	20.26	20.44	20.45	22.20
		36	18	20.84	20.55	20.64	22.20
		36	39	20.30	20.46	20.39	22.20
		75	0	20.59	20.57	20.68	22.20
	64QAM	1	0	21.69	21.56	21.57	22.20
		1	38	21.55	21.30	21.93	22.20
		1	74	21.54	21.49	21.48	22.20
		36	0	20.29	20.18	20.38	21.20



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		36	18	20.65	20.58	20.73	21.20
		36	39	20.18	20.32	20.46	21.20
		75	0	20.56	20.59	20.77	21.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20850	21100	21350	
20MHz	QPSK	1	0	22.52	22.33	22.23	24.20
		1	50	22.73	22.79	22.62	24.20
		1	99	22.31	22.24	22.31	24.20
		50	0	21.45	21.23	21.29	23.20
		50	25	21.52	21.49	21.56	23.20
		50	50	21.31	21.37	21.22	23.20
		100	0	21.54	21.42	21.55	23.20
	16QAM	1	0	21.80	21.65	21.59	23.20
		1	50	21.75	21.77	21.70	23.20
		1	99	21.58	22.11	21.61	23.20
		50	0	20.21	20.36	20.35	22.20
		50	25	20.65	20.46	20.52	22.20
		50	50	20.26	20.44	20.36	22.20
		100	0	20.54	20.48	20.57	22.20
	64QAM	1	0	21.57	21.39	21.39	22.20
		1	50	21.53	21.28	21.78	22.20
		1	99	21.49	21.46	21.47	22.20
		50	0	20.26	20.14	20.29	21.20
		50	25	20.55	20.46	20.54	21.20
		50	50	20.05	20.25	20.33	21.20
		100	0	20.56	20.42	20.57	21.20



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LTE 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	24.17	24.12	24.17	25.20
		1	2	24.26	24.18	24.23	25.20
		1	5	24.08	24.33	24.22	25.20
		3	0	24.19	24.30	24.22	25.20
		3	2	24.25	24.19	24.21	25.20
		3	3	24.13	24.26	24.23	25.20
		6	0	23.17	23.25	23.24	24.20
	16QAM	1	0	23.53	23.58	23.56	24.20
		1	2	23.19	23.46	23.29	24.20
		1	5	23.57	23.51	23.53	24.20
		3	0	23.09	23.40	22.67	24.20
		3	2	23.34	23.35	23.50	24.20
		3	3	23.24	23.36	23.33	24.20
		6	0	22.18	22.30	22.35	23.20
	64QAM	1	0	22.97	23.10	23.11	23.20
		1	2	23.15	23.02	23.11	23.20
		1	5	23.07	22.92	23.14	23.20
		3	0	23.15	23.18	23.14	23.20
		3	2	23.03	23.02	23.18	23.20
		3	3	23.11	23.09	23.19	23.20
		6	0	22.01	22.05	22.13	22.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				23025	23095	23165	
3MHz	QPSK	1	0	24.43	24.29	24.34	25.20
		1	7	24.04	24.32	24.28	25.20
		1	14	24.14	24.10	24.10	25.20
		8	0	23.34	23.50	23.32	24.20
		8	4	23.37	23.46	23.47	24.20
		8	7	23.31	23.42	23.31	24.20
		15	0	23.30	23.32	23.35	24.20



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	16QAM	1	0	23.62	23.61	23.76	24.20
		1	7	23.68	23.05	23.67	24.20
		1	14	23.26	23.64	23.46	24.20
		8	0	22.24	22.31	22.15	23.20
		8	4	22.46	22.40	22.32	23.20
		8	7	22.40	22.37	22.47	23.20
		15	0	22.25	22.27	22.39	23.20
	64QAM	1	0	23.12	22.56	23.07	23.20
		1	7	23.03	23.15	23.15	23.20
		1	14	23.13	22.88	22.90	23.20
		8	0	22.13	21.99	21.86	22.20
		8	4	22.05	22.20	22.13	22.20
		8	7	22.09	22.05	22.05	22.20
		15	0	21.94	22.03	22.12	22.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				23035	23095	23155	
5MHz	QPSK	1	0	24.36	24.31	24.34	25.20
		1	13	24.03	24.33	24.40	25.20
		1	24	24.08	24.13	24.16	25.20
		12	0	23.29	23.41	23.33	24.20
		12	6	23.26	23.34	23.46	24.20
		12	13	23.33	23.34	23.27	24.20
		25	0	23.24	23.32	23.37	24.20
	16QAM	1	0	23.54	23.54	23.70	24.20
		1	13	23.53	23.05	23.60	24.20
		1	24	23.07	23.64	23.31	24.20
		12	0	22.15	22.28	22.29	23.20
		12	6	22.47	22.33	22.29	23.20
		12	13	22.23	22.40	22.38	23.20
		25	0	22.27	22.24	22.42	23.20
	64QAM	1	0	23.10	22.51	23.18	23.20
		1	13	23.10	23.03	23.15	23.20
		1	24	23.01	22.82	23.03	23.20
		12	0	21.98	21.92	21.85	22.20



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		12	6	22.05	22.12	22.12	22.20
		12	13	22.07	22.04	22.15	22.20
		25	0	22.08	22.18	22.13	22.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				23060	23095	23130	
10MHz	QPSK	1	0	24.42	24.26	24.38	25.20
		1	25	24.13	24.41	24.33	25.20
		1	49	24.11	24.16	24.11	25.20
		25	0	23.31	23.40	23.39	24.20
		25	13	23.66	23.49	23.58	24.20
		25	25	23.30	23.41	23.36	24.20
		50	0	23.34	23.29	23.43	24.20
	16QAM	1	0	23.64	23.63	23.68	24.20
		1	25	23.58	22.97	23.61	24.20
		1	49	23.17	23.69	23.36	24.20
		25	0	22.24	22.37	22.23	23.20
		25	13	22.38	22.35	22.30	23.20
		25	25	22.30	22.39	22.39	23.20
		50	0	22.33	22.26	22.37	23.20
	64QAM	1	0	23.11	22.59	23.14	23.20
		1	25	23.12	23.07	23.19	23.20
		1	49	23.05	22.86	22.99	23.20
		25	0	22.04	21.99	21.92	22.20
		25	13	22.14	22.19	22.10	22.20
		25	25	22.03	22.05	22.10	22.20
		50	0	22.01	22.10	22.14	22.20



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LTE Band 13 State3/5/8/10				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				23205	23230	23255	
5MHz	QPSK	1	0	23.39	23.29	23.36	24.50
		1	13	23.47	23.43	23.39	24.50
		1	24	23.27	23.18	23.15	24.50
		12	0	22.51	22.43	22.40	23.50
		12	6	22.41	22.35	22.37	23.50
		12	13	22.34	22.42	22.45	23.50
		25	0	22.38	22.47	22.52	23.50
	16QAM	1	0	22.69	22.60	22.61	23.50
		1	13	22.87	22.99	22.95	23.50
		1	24	22.57	22.64	22.71	23.50
		12	0	21.60	21.50	21.45	22.50
		12	6	21.32	21.47	21.29	22.50
		12	13	21.45	21.55	21.54	22.50
		25	0	21.45	21.39	21.35	22.50
	64QAM	1	0	22.48	22.50	22.43	22.50
		1	13	22.44	22.37	22.35	22.50
		1	24	22.39	22.27	22.28	22.50
		12	0	21.29	21.29	21.30	21.50
		12	6	21.35	21.49	21.43	21.50
		12	13	21.30	21.31	21.32	21.50
		25	0	21.39	21.47	21.31	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
10MHz	QPSK	1	0	/	23.45	/	24.50
		1	25	/	23.39	/	24.50
		1	49	/	23.24	/	24.50
		25	0	/	22.44	/	23.50
		25	13	/	22.44	/	23.50
		25	25	/	22.43	/	23.50
		50	0	/	22.46	/	23.50



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	16QAM	1	0	/	22.63	/	23.50
		1	25	/	22.94	/	23.50
		1	49	/	22.62	/	23.50
		25	0	/	21.53	/	22.50
		25	13	/	21.39	/	22.50
		25	25	/	21.45	/	22.50
		50	0	/	21.4	/	22.50
	64QAM	1	0	/	22.42	/	22.50
		1	25	/	22.56	/	22.50
		1	49	/	22.33	/	22.50
		25	0	/	21.39	/	21.50
		25	13	/	21.43	/	21.50
		25	25	/	21.39	/	21.50
		50	0	/	21.37	/	21.50



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LTE 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	24.15	24.29	24.38	25.20
		1	13	24.40	24.30	24.23	25.20
		1	24	24.08	24.11	24.22	25.20
		12	0	23.20	23.25	23.32	24.20
		12	6	23.45	23.23	23.33	24.20
		12	13	23.35	23.35	23.42	24.20
		25	0	23.25	23.35	23.39	24.20
	16QAM	1	0	23.53	23.78	23.82	24.20
		1	13	23.50	23.60	23.63	24.20
		1	24	23.54	23.07	23.34	24.20
		12	0	22.31	22.33	22.38	23.20
		12	6	22.39	22.43	22.34	23.20
		12	13	22.32	22.28	22.23	23.20
		25	0	22.41	22.23	22.34	23.20
	64QAM	1	0	22.92	22.89	23.17	23.20
		1	13	23.16	23.09	23.04	23.20
		1	24	22.96	23.17	23.14	23.20
		12	0	22.02	22.05	22.00	22.20
		12	6	21.96	22.05	22.03	22.20
		12	13	22.15	22.08	22.18	22.20
		25	0	22.12	22.04	21.92	22.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				23780	23790	23800	
10MHz	QPSK	1	0	24.25	24.28	24.30	25.20
		1	25	24.32	24.35	24.27	25.20
		1	49	24.14	24.17	24.24	25.20
		25	0	23.29	23.31	23.37	24.20
		25	13	23.37	23.28	23.36	24.20
		25	25	23.30	23.27	23.34	24.20
		50	0	23.25	23.28	23.30	24.20



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	16QAM	1	0	23.56	23.71	23.75	24.20
		1	25	23.60	23.53	23.72	24.20
		1	49	23.48	23.16	23.38	24.20
		25	0	22.39	22.30	22.31	23.20
		25	13	22.40	22.34	22.33	23.20
		25	25	22.33	22.22	22.29	23.20
		50	0	22.33	22.23	22.26	23.20
	64QAM	1	0	22.88	22.87	23.07	23.20
		1	25	23.17	23.12	23.03	23.20
		1	49	22.98	23.10	23.06	23.20
		25	0	22.08	22.14	22.09	22.20
		25	13	22.01	22.06	22.04	22.20
		25	25	22.15	22.13	22.11	22.20
		50	0	22.19	22.13	22.00	22.20



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LTE Band 26 State3/5/8/10				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26697	26865	27033	
1.4MHz	QPSK	1	0	23.95	24.14	23.83	25.20
		1	2	24.06	24.17	23.89	25.20
		1	5	24.03	24.24	23.72	25.20
		3	0	24.08	24.13	23.80	25.20
		3	2	24.11	24.22	23.82	25.20
		3	3	24.06	24.14	23.78	25.20
		6	0	23.07	23.09	22.85	24.20
	16QAM	1	0	23.38	23.39	23.11	24.20
		1	2	23.37	23.53	23.16	24.20
		1	5	23.33	23.42	23.21	24.20
		3	0	23.12	23.32	22.93	24.20
		3	2	23.20	23.30	22.93	24.20
		3	3	23.12	23.38	22.94	24.20
		6	0	21.94	22.19	21.94	23.20
	64QAM	1	0	23.13	23.19	22.96	23.20
		1	2	23.01	23.04	22.59	23.20
		1	5	23.16	23.16	22.81	23.20
		3	0	23.00	23.01	22.93	23.20
		3	2	23.09	23.06	22.93	23.20
		3	3	23.09	23.14	22.90	23.20
		6	0	22.04	22.08	21.96	22.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26705	26865	27025	
3MHz	QPSK	1	0	23.99	23.84	24.03	25.20
		1	7	23.91	24.24	23.98	25.20
		1	14	24.08	24.06	23.91	25.20
		8	0	23.06	23.08	23.13	24.20
		8	4	23.13	23.10	23.00	24.20
		8	7	23.02	23.15	23.15	24.20



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		15	0	23.16	23.09	23.30	24.20
	16QAM	1	0	23.10	23.36	23.36	24.20
		1	7	22.90	23.10	23.61	24.20
		1	14	23.21	22.94	22.87	24.20
		8	0	22.04	22.18	22.33	23.20
		8	4	22.01	22.01	22.05	23.20
		8	7	21.99	22.17	22.32	23.20
		15	0	22.13	22.09	22.08	23.20
	64QAM	1	0	22.79	23.11	22.84	23.20
		1	7	23.10	23.13	23.14	23.20
		1	14	23.09	23.10	22.95	23.20
		8	0	21.91	22.02	22.15	22.20
		8	4	22.02	22.03	22.03	22.20
		8	7	21.96	22.05	22.09	22.20
		15	0	22.01	22.04	21.95	22.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26715	26865	27015	
5MHz	QPSK	1	0	23.97	23.80	23.88	25.20
		1	13	23.93	24.15	24.08	25.20
		1	24	24.10	24.17	24.05	25.20
		12	0	22.90	23.13	23.18	24.20
		12	6	23.10	23.17	23.17	24.20
		12	13	23.01	23.24	23.23	24.20
		25	0	23.04	22.98	23.33	24.20
	16QAM	1	0	23.11	23.38	23.42	24.20
		1	13	23.02	23.14	23.53	24.20
		1	24	23.12	22.96	22.78	24.20
		12	0	21.84	22.17	22.29	23.20
		12	6	22.01	21.99	22.10	23.20
		12	13	21.94	22.21	22.25	23.20
		25	0	22.11	22.00	22.05	23.20
	64QAM	1	0	22.68	23.15	22.80	23.20
		1	13	23.10	23.07	23.00	23.20
		1	24	23.04	23.11	23.09	23.20



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		12	0	22.02	22.02	22.16	22.20
		12	6	21.98	21.99	22.18	22.20
		12	13	21.90	21.92	21.98	22.20
		25	0	22.00	22.08	22.04	22.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26740	26865	26990	
10MHz	QPSK	1	0	23.92	23.91	23.94	25.20
		1	25	23.91	24.19	23.88	25.20
		1	49	24.14	24.12	24.04	25.20
		25	0	22.99	23.19	23.14	24.20
		25	13	23.08	23.05	23.02	24.20
		25	25	22.97	23.12	23.20	24.20
		50	0	23.12	23.09	23.28	24.20
	16QAM	1	0	23.16	23.49	23.38	24.20
		1	25	22.86	23.20	23.67	24.20
		1	49	23.11	22.87	22.97	24.20
		25	0	22.04	22.07	22.17	23.20
		25	13	22.06	22.08	22.23	23.20
		25	25	22.07	22.14	22.25	23.20
		50	0	22.13	22.09	22.07	23.20
	64QAM	1	0	22.67	23.11	22.79	23.20
		1	25	23.05	22.97	23.01	23.20
		1	49	23.04	23.17	23.06	23.20
		25	0	21.90	22.14	22.14	22.20
		25	13	22.05	22.01	22.06	22.20
		25	25	21.94	21.97	22.00	22.20
		50	0	22.03	21.89	22.04	22.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26765	26865	26965	
15MHz	QPSK	1	0	23.99	23.88	23.98	25.20
		1	38	23.92	24.07	23.98	25.20
		1	74	24.05	24.23	24.01	25.20
		36	0	22.98	23.09	23.11	24.20
		36	18	23.08	23.11	23.10	24.20



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		36	39	23.04	23.25	23.22	24.20
		75	0	23.12	23.06	23.26	24.20
	16QAM	1	0	23.14	23.42	23.33	24.20
		1	38	22.95	23.17	23.58	24.20
		1	74	23.16	22.94	22.88	24.20
		36	0	21.94	22.11	22.23	23.20
		36	18	21.99	22.05	22.14	23.20
		36	39	22.01	22.14	22.30	23.20
		75	0	22.11	22.04	22.10	23.20
	64QAM	1	0	22.74	23.13	22.89	23.20
		1	38	23.08	23.04	23.05	23.20
		1	74	23.13	23.19	23.05	23.20
		36	0	21.92	22.04	22.18	22.20
		36	18	22.00	22.01	22.11	22.20
		36	39	22.00	22.02	22.04	22.20
75		0	21.99	21.99	22.02	22.20	



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LTE Band 38 State3/8				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37775	38000	38225	
5MHz	QPSK	1	0	21.63	21.69	21.46	23.20
		1	13	21.45	21.47	21.45	23.20
		1	24	21.42	21.40	21.33	23.20
		12	0	21.61	21.57	21.62	23.20
		12	6	21.79	21.75	21.57	23.20
		12	13	21.62	21.55	21.65	23.20
		25	0	21.68	21.61	21.55	23.20
	16QAM	1	0	21.77	21.63	21.44	23.20
		1	13	21.69	21.68	21.67	23.20
		1	24	21.44	21.46	21.64	23.20
		12	0	21.92	21.64	21.57	23.20
		12	6	21.63	21.63	21.70	23.20
		12	13	21.62	21.65	21.80	23.20
		25	0	21.62	21.54	21.68	23.20
	64QAM	1	0	22.62	22.68	22.59	23.20
		1	13	22.69	22.57	22.68	23.20
		1	24	22.54	22.45	22.45	23.20
		12	0	21.66	21.73	21.67	22.20
		12	6	21.72	21.53	21.57	22.20
		12	13	21.69	21.71	21.65	22.20
		25	0	21.67	21.71	21.46	22.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37800	38000	38200	
10MHz	QPSK	1	0	21.56	21.52	21.52	23.20
		1	25	21.41	21.54	21.48	23.20
		1	49	21.36	21.37	21.36	23.20
		25	0	21.75	21.67	21.57	23.20
		25	13	21.77	21.48	21.63	23.20
		25	25	21.70	21.56	21.66	23.20
		50	0	21.82	21.50	21.61	23.20



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	16QAM	1	0	21.52	21.61	21.27	23.20
		1	25	21.56	21.72	21.73	23.20
		1	49	21.48	21.39	21.53	23.20
		25	0	21.84	21.76	21.56	23.20
		25	13	21.85	21.61	21.51	23.20
		25	25	21.60	21.67	21.58	23.20
		50	0	21.75	21.57	21.61	23.20
	64QAM	1	0	22.48	22.57	22.58	23.20
		1	25	22.75	22.64	22.62	23.20
		1	49	22.40	22.45	22.42	23.20
		25	0	21.66	21.53	21.52	22.20
		25	13	21.64	21.47	21.47	22.20
		25	25	21.74	21.68	21.62	22.20
		50	0	21.66	21.62	21.55	22.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37825	38000	38175	
15MHz	QPSK	1	0	21.51	21.60	21.47	23.20
		1	38	21.66	21.53	21.47	23.20
		1	74	21.44	21.35	21.21	23.20
		36	0	21.59	21.60	21.67	23.20
		36	18	21.60	21.74	21.46	23.20
		36	39	21.67	21.69	21.62	23.20
		75	0	21.67	21.68	21.65	23.20
	16QAM	1	0	21.65	21.43	21.49	23.20
		1	38	21.57	21.67	21.66	23.20
		1	74	21.66	21.56	21.55	23.20
		36	0	21.66	21.72	21.62	23.20
		36	18	21.86	21.58	21.54	23.20
		36	39	21.58	21.65	21.67	23.20
		75	0	21.57	21.57	21.65	23.20
	64QAM	1	0	22.57	22.55	22.71	23.20
		1	38	22.84	22.58	22.68	23.20
		1	74	22.48	22.45	22.35	23.20
		36	0	21.67	21.61	21.65	22.20



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		36	18	21.73	21.67	21.41	22.20
		36	39	21.75	21.67	21.59	22.20
		75	0	21.80	21.55	21.63	22.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37850	38000	38150	
20MHz	QPSK	1	0	21.55	21.56	21.49	23.20
		1	50	21.58	21.51	21.47	23.20
		1	99	21.44	21.42	21.36	23.20
		50	0	21.74	21.52	21.56	23.20
		50	25	21.74	21.60	21.54	23.20
		50	50	21.73	21.60	21.56	23.20
		100	0	21.73	21.63	21.49	23.20
	16QAM	1	0	21.62	21.62	21.40	23.20
		1	50	21.62	21.55	21.65	23.20
		1	99	21.59	21.45	21.56	23.20
		50	0	21.81	21.61	21.61	23.20
		50	25	21.72	21.63	21.61	23.20
		50	50	21.77	21.65	21.62	23.20
		100	0	21.74	21.64	21.59	23.20
	64QAM	1	0	22.43	22.48	22.65	23.20
		1	50	22.73	22.46	22.69	23.20
		1	99	22.52	22.55	22.26	23.20
		50	0	21.69	21.57	21.57	22.20
		50	25	21.68	21.56	21.49	22.20
		50	50	21.70	21.71	21.62	22.20
		100	0	21.66	21.64	21.59	22.20



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LTE Band 38 State5/10				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37775	38000	38225	
5MHz	QPSK	1	0	23.68	23.66	23.52	25.20
		1	13	23.43	23.45	23.52	25.20
		1	24	23.45	23.38	23.39	25.20
		12	0	22.68	22.56	22.65	24.20
		12	6	22.77	22.70	22.58	24.20
		12	13	22.64	22.57	22.70	24.20
		25	0	22.69	22.57	22.52	24.20
	16QAM	1	0	22.76	22.68	22.50	24.20
		1	13	22.69	22.61	22.69	24.20
		1	24	22.51	22.42	22.59	24.20
		12	0	21.86	21.64	21.63	23.20
		12	6	21.63	21.67	21.68	23.20
		12	13	21.66	21.63	21.73	23.20
		25	0	21.66	21.57	21.67	23.20
	64QAM	1	0	22.59	22.64	22.64	23.20
		1	13	22.69	22.62	22.69	23.20
		1	24	22.52	22.41	22.48	23.20
		12	0	21.73	21.72	21.60	22.20
		12	6	21.75	21.53	21.60	22.20
		12	13	21.73	21.66	21.65	22.20
		25	0	21.69	21.75	21.52	22.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37800	38000	38200	
10MHz	QPSK	1	0	23.63	23.52	23.46	25.20
		1	25	23.44	23.50	23.46	25.20
		1	49	23.38	23.36	23.34	25.20
		25	0	22.79	22.65	22.51	24.20
		25	13	22.72	22.52	22.63	24.20
		25	25	22.70	22.54	22.67	24.20
		50	0	22.79	22.50	22.55	24.20



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	16QAM	1	0	22.59	22.63	22.34	24.20
		1	25	22.62	22.68	22.73	24.20
		1	49	22.55	22.45	22.50	24.20
		25	0	21.84	21.75	21.51	23.20
		25	13	21.79	21.68	21.56	23.20
		25	25	21.67	21.63	21.65	23.20
		50	0	21.82	21.56	21.65	23.20
	64QAM	1	0	22.45	22.63	22.54	23.20
		1	25	22.68	22.61	22.68	23.20
		1	49	22.40	22.43	22.44	23.20
		25	0	21.64	21.59	21.51	22.20
		25	13	21.67	21.51	21.54	22.20
		25	25	21.67	21.73	21.61	22.20
		50	0	21.73	21.56	21.54	22.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37825	38000	38175	
15MHz	QPSK	1	0	23.55	23.57	23.42	25.20
		1	38	23.61	23.55	23.49	25.20
		1	74	23.43	23.30	23.23	25.20
		36	0	22.62	22.62	22.67	24.20
		36	18	22.64	22.68	22.50	24.20
		36	39	22.67	22.65	22.60	24.20
		75	0	22.73	22.63	22.60	24.20
	16QAM	1	0	22.68	22.50	22.50	24.20
		1	38	22.59	22.67	22.70	24.20
		1	74	22.62	22.55	22.58	24.20
		36	0	21.68	21.66	21.60	23.20
		36	18	21.83	21.62	21.61	23.20
		36	39	21.64	21.59	21.64	23.20
		75	0	21.63	21.61	21.63	23.20
	64QAM	1	0	22.53	22.60	22.64	23.20
		1	38	22.79	22.52	22.65	23.20
		1	74	22.44	22.48	22.32	23.20
		36	0	21.63	21.64	21.59	22.20



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		36	18	21.66	21.62	21.47	22.20
		36	39	21.68	21.60	21.58	22.20
		75	0	21.82	21.55	21.61	22.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37850	38000	38150	
20MHz	QPSK	1	0	23.58	23.59	23.42	25.20
		1	50	23.52	23.53	23.45	25.20
		1	99	23.44	23.39	23.32	25.20
		50	0	22.72	22.59	22.57	24.20
		50	25	22.69	22.61	22.56	24.20
		50	50	22.70	22.63	22.60	24.20
		100	0	22.72	22.59	22.55	24.20
	16QAM	1	0	22.66	22.59	22.43	24.20
		1	50	22.66	22.60	22.65	24.20
		1	99	22.53	22.51	22.49	24.20
		50	0	21.76	21.65	21.58	23.20
		50	25	21.73	21.63	21.59	23.20
		50	50	21.70	21.67	21.63	23.20
		100	0	21.73	21.63	21.57	23.20
	64QAM	1	0	22.54	22.55	22.54	23.20
		1	50	22.74	22.57	22.63	23.20
		1	99	22.49	22.48	22.40	23.20
		50	0	21.73	21.62	21.59	22.20
		50	25	21.71	21.60	21.56	22.20
		50	50	21.69	21.69	21.60	22.20
		100	0	21.72	21.65	21.55	22.20



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LTE Band 41 PC3 State3/8				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	21.68	21.56	21.46	21.53	21.25	23.20
		1	13	21.58	21.58	21.4	21.43	21.24	23.20
		1	24	21.4	21.45	21.45	21.43	21.41	23.20
		12	0	21.66	21.4	21.83	21.66	21.37	23.20
		12	6	21.8	21.75	21.77	21.63	21.47	23.20
		12	13	21.61	21.52	21.69	21.57	21.54	23.20
		25	0	21.64	21.68	21.62	21.63	21.49	23.20
	16QAM	1	0	21.78	21.62	21.77	21.4	21.35	23.20
		1	13	21.58	21.76	21.61	21.6	21.28	23.20
		1	24	21.71	21.51	21.64	21.51	21.41	23.20
		12	0	21.42	21.29	21.56	21.4	21.2	23.20
		12	6	21.45	21.52	21.68	21.42	21.31	23.20
		12	13	21.37	21.32	21.55	21.37	21.46	23.20
		25	0	21.41	21.5	21.62	21.36	21.29	23.20
	64QAM	1	0	21.56	21.50	21.78	21.53	21.55	23.20
		1	13	21.59	21.53	21.63	21.54	21.49	23.20
		1	24	21.53	21.53	21.41	21.54	21.39	23.20
		12	0	21.39	21.25	21.71	21.33	21.24	22.20
		12	6	21.61	21.68	21.54	21.41	21.22	22.20
		12	13	21.23	21.40	21.47	21.51	21.32	22.20
		25	0	21.42	21.58	21.56	21.54	21.21	22.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39700	40160	40620	41080	41540	
10MHz	QPSK	1	0	21.57	21.63	21.5	21.49	21.28	23.20
		1	25	21.74	21.47	21.5	21.53	21.36	23.20
		1	49	21.46	21.51	21.56	21.48	21.36	23.20
		25	0	21.7	21.43	21.74	21.61	21.43	23.20
		25	13	21.87	21.72	21.76	21.59	21.58	23.20
		25	25	21.48	21.61	21.71	21.71	21.47	23.20
		50	0	21.74	21.78	21.82	21.69	21.38	23.20



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	16QAM	1	0	21.83	21.51	21.71	21.42	21.3	23.20
		1	25	21.65	21.76	21.62	21.51	21.38	23.20
		1	49	21.61	21.66	21.57	21.57	21.49	23.20
		25	0	21.36	21.28	21.64	21.47	21.34	23.20
		25	13	21.55	21.46	21.58	21.54	21.39	23.20
		25	25	21.36	21.22	21.67	21.41	21.45	23.20
		50	0	21.55	21.59	21.56	21.42	21.24	23.20
	64QAM	1	0	21.70	21.64	21.77	21.60	21.54	23.20
		1	25	21.53	21.67	21.65	21.54	21.50	23.20
		1	49	21.50	21.51	21.52	21.63	21.33	23.20
		25	0	21.24	21.31	21.52	21.50	21.35	22.20
		25	13	21.57	21.56	21.50	21.36	21.24	22.20
		25	25	21.23	21.56	21.43	21.42	21.35	22.20
		50	0	21.60	21.48	21.65	21.50	21.26	22.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39725	40173	40620	41068	41515	
15MHz	QPSK	1	0	21.54	21.57	21.44	21.46	21.24	23.20
		1	38	21.59	21.51	21.46	21.43	21.37	23.20
		1	74	21.47	21.51	21.47	21.46	21.29	23.20
		36	0	21.66	21.47	21.76	21.69	21.53	23.20
		36	18	21.79	21.83	21.71	21.66	21.46	23.20
		36	39	21.58	21.5	21.65	21.65	21.45	23.20
		75	0	21.75	21.68	21.67	21.68	21.47	23.20
	16QAM	1	0	21.82	21.67	21.64	21.5	21.33	23.20
		1	38	21.6	21.77	21.65	21.63	21.46	23.20
		1	74	21.72	21.61	21.62	21.41	21.36	23.20
		36	0	21.49	21.38	21.53	21.5	21.21	23.20
		36	18	21.57	21.52	21.61	21.49	21.3	23.20
		36	39	21.28	21.34	21.61	21.34	21.3	23.20
		75	0	21.58	21.49	21.69	21.54	21.26	23.20
	64QAM	1	0	21.54	21.51	21.74	21.41	21.64	23.20
		1	38	21.58	21.55	21.58	21.42	21.49	23.20
		1	74	21.58	21.41	21.46	21.48	21.30	23.20
		36	0	21.43	21.35	21.53	21.44	21.31	22.20



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		36	18	21.54	21.62	21.57	21.49	21.36	22.20
		36	39	21.34	21.55	21.61	21.47	21.39	22.20
		75	0	21.62	21.61	21.61	21.38	21.28	22.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39750	40185	40620	41055	41490	
20MHz	QPSK	1	0	21.61	21.55	21.43	21.43	21.27	23.20
		1	50	21.65	21.55	21.51	21.47	21.39	23.20
		1	99	21.49	21.55	21.46	21.38	21.37	23.20
		50	0	21.66	21.45	21.79	21.67	21.47	23.20
		50	25	21.78	21.78	21.75	21.66	21.5	23.20
		50	50	21.57	21.57	21.73	21.66	21.55	23.20
		100	0	21.7	21.76	21.72	21.67	21.47	23.20
	16QAM	1	0	21.74	21.59	21.74	21.49	21.39	23.20
		1	50	21.59	21.67	21.69	21.56	21.37	23.20
		1	99	21.63	21.58	21.66	21.48	21.43	23.20
		50	0	21.46	21.31	21.62	21.47	21.28	23.20
		50	25	21.51	21.54	21.59	21.44	21.32	23.20
		50	50	21.37	21.25	21.57	21.42	21.36	23.20
		100	0	21.51	21.53	21.61	21.44	21.3	23.20
	64QAM	1	0	21.60	21.55	21.71	21.50	21.57	23.20
		1	50	21.58	21.59	21.61	21.44	21.48	23.20
		1	99	21.51	21.47	21.46	21.54	21.36	23.20
		50	0	21.34	21.28	21.62	21.42	21.30	22.20
		50	25	21.54	21.59	21.58	21.43	21.30	22.20
		50	50	21.33	21.46	21.53	21.41	21.35	22.20
		100	0	21.52	21.53	21.59	21.44	21.25	22.20



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LTE Band 41 PC3 State5/10				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	23.42	23.46	23.56	23.37	23.26	25.20
		1	13	23.27	23.47	23.33	23.26	23.29	25.20
		1	24	23.24	23.43	23.36	23.32	23.22	25.20
		12	0	22.38	22.31	22.54	22.45	22.29	24.20
		12	6	22.59	22.53	22.46	22.41	23.22	24.20
		12	13	22.37	22.48	22.48	22.45	22.21	24.20
		25	0	22.49	22.56	22.56	22.34	22.25	24.20
	16QAM	1	0	22.31	22.36	22.5	22.55	22.34	24.20
		1	13	22.57	22.57	22.53	22.59	22.4	24.20
		1	24	22.4	22.31	22.41	22.35	22.35	24.20
		12	0	21.43	21.29	21.64	21.37	21.33	23.20
		12	6	21.55	21.57	21.62	21.46	21.33	23.20
		12	13	21.27	21.2	21.42	21.41	21.33	23.20
		25	0	21.41	21.56	21.54	21.39	21.35	23.20
	64QAM	1	0	22.57	22.44	22.40	22.52	22.24	23.20
		1	13	22.56	22.32	22.40	22.20	22.30	23.20
		1	24	22.31	22.21	22.42	22.27	22.27	23.20
		12	0	21.43	21.27	21.49	21.43	21.24	22.20
		12	6	21.62	21.49	21.53	21.49	21.22	22.20
		12	13	21.40	21.36	21.56	21.48	21.28	22.20
		25	0	21.40	21.57	21.47	21.36	21.22	22.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39700	40160	40620	41080	41540	
10MHz	QPSK	1	0	23.35	23.38	23.56	23.32	23.29	25.20
		1	25	23.3	23.36	23.3	23.32	23.22	25.20
		1	49	23.31	23.36	23.32	23.32	23.28	25.20
		25	0	22.3	22.38	22.63	22.54	22.31	24.20
		25	13	22.52	22.56	22.53	22.35	22.25	24.20
		25	25	22.26	22.33	22.44	22.29	22.21	24.20
		50	0	22.58	22.54	22.51	22.44	22.34	24.20



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	16QAM	1	0	22.3	22.41	22.55	22.56	22.31	24.20
		1	25	22.42	22.61	22.53	22.42	22.34	24.20
		1	49	22.28	22.42	22.49	22.21	22.25	24.20
		25	0	21.38	21.21	21.5	21.44	21.31	23.20
		25	13	21.44	21.59	21.6	21.42	21.26	23.20
		25	25	21.34	21.33	21.5	21.34	21.4	23.20
		50	0	21.41	21.49	21.49	21.42	21.23	23.20
	64QAM	1	0	22.45	22.39	22.50	22.50	22.29	23.20
		1	25	22.53	22.42	22.36	22.22	22.38	23.20
		1	49	22.35	22.36	22.53	22.16	22.20	23.20
		25	0	21.38	21.29	21.64	21.44	21.27	22.20
		25	13	21.57	21.44	21.50	21.36	21.18	22.20
		25	25	21.35	21.32	21.49	21.35	21.21	22.20
		50	0	21.45	21.62	21.45	21.42	21.33	22.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39725	40173	40620	41068	41515	
15MHz	QPSK	1	0	23.2	23.43	23.42	23.28	23.31	25.20
		1	38	23.35	23.32	23.44	23.26	23.35	25.20
		1	74	23.22	23.27	23.32	23.2	23.21	25.20
		36	0	22.33	22.36	22.63	22.53	22.36	24.20
		36	18	22.57	22.54	22.65	22.37	22.32	24.20
		36	39	22.32	22.38	22.44	22.28	22.38	24.20
		75	0	22.57	22.46	22.56	22.48	22.32	24.20
	16QAM	1	0	22.24	22.41	22.63	22.5	22.35	24.20
		1	38	22.62	22.5	22.45	22.55	22.4	24.20
		1	74	22.3	22.34	22.54	22.3	22.29	24.20
		36	0	21.4	21.35	21.49	21.5	21.35	23.20
		36	18	21.54	21.56	21.44	21.42	21.21	23.20
		36	39	21.28	21.37	21.58	21.28	21.21	23.20
		75	0	21.49	21.57	21.5	21.44	21.34	23.20
	64QAM	1	0	22.43	22.43	22.39	22.59	22.16	23.20
		1	38	22.52	22.30	22.40	22.21	22.23	23.20
		1	74	22.35	22.22	22.43	22.20	22.12	23.20
		36	0	21.32	21.39	21.56	21.43	21.27	22.20



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		36	18	21.48	21.48	21.40	21.40	21.32	22.20
		36	39	21.38	21.43	21.61	21.35	21.39	22.20
		75	0	21.35	21.50	21.59	21.33	21.18	22.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39750	40185	40620	41055	41490	
20MHz	QPSK	1	0	23.31	23.38	23.51	23.36	23.29	25.20
		1	50	23.3	23.37	23.35	23.33	23.21	25.20
		1	99	23.29	23.33	23.38	23.27	23.22	25.20
		50	0	22.5	22.5	22.57	22.45	22.3	24.20
		50	25	22.38	22.28	22.56	22.43	22.23	24.20
		50	50	22.35	22.4	22.51	22.38	22.29	24.20
		100	0	22.48	22.5	22.55	22.41	22.25	24.20
	16QAM	1	0	22.34	22.42	22.55	22.51	22.32	24.20
		1	50	22.52	22.51	22.53	22.5	22.44	24.20
		1	99	22.35	22.41	22.51	22.29	22.25	24.20
		50	0	21.41	21.25	21.57	21.44	21.28	23.20
		50	25	21.46	21.51	21.52	21.42	21.27	23.20
		50	50	21.28	21.29	21.5	21.38	21.31	23.20
		100	0	21.46	21.52	21.53	21.36	21.25	23.20
	64QAM	1	0	22.49	22.49	22.47	22.53	22.25	23.20
		1	50	22.49	22.38	22.39	22.23	22.32	23.20
		1	99	22.31	22.29	22.47	22.18	22.22	23.20
		50	0	21.33	21.35	21.57	21.44	21.28	22.20
		50	25	21.53	21.50	21.49	21.42	21.28	22.20
		50	50	21.31	21.34	21.52	21.39	21.31	22.20
		100	0	21.43	21.52	21.53	21.42	21.27	22.20



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LTE Band 66 State3/5/8/10				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131979	132322	132665	
1.4MHz	QPSK	1	0	23.51	23.56	23.53	25.20
		1	2	23.41	23.63	23.69	25.20
		1	5	23.44	23.47	23.50	25.20
		3	0	23.55	23.61	23.52	25.20
		3	1	23.54	23.52	23.49	25.20
		3	3	23.33	23.52	23.51	25.20
		6	0	22.52	22.63	22.55	24.20
	16QAM	1	0	22.39	22.90	23.06	24.20
		1	2	22.82	22.97	22.80	24.20
		1	5	22.85	22.87	22.75	24.20
		3	0	22.48	22.55	22.38	24.20
		3	1	22.90	22.66	22.76	24.20
		3	3	22.70	22.87	22.65	24.20
		6	0	21.57	21.65	21.56	23.20
	64QAM	1	0	22.57	22.57	22.44	23.20
		1	2	22.93	22.73	22.76	23.20
		1	5	22.54	22.76	22.51	23.20
		3	0	22.49	22.36	22.41	23.20
		3	1	22.57	22.66	22.68	23.20
		3	3	22.45	22.49	22.69	23.20
		6	0	21.59	21.60	21.12	22.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131987	132322	132657	
3MHz	QPSK	1	0	23.34	23.63	23.61	25.20
		1	7	23.55	23.52	23.61	25.20
		1	14	24.18	23.86	23.49	25.20
		8	0	22.43	22.54	22.44	24.20
		8	4	22.65	22.74	22.59	24.20
		8	7	22.64	22.67	22.60	24.20
		15	0	22.55	22.58	22.64	24.20
	16QAM	1	0	22.43	22.66	22.84	24.20



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		1	7	22.78	22.68	22.52	24.20
		1	14	23.04	22.96	22.62	24.20
		8	0	21.51	21.58	21.57	23.20
		8	4	21.64	21.69	21.54	23.20
		8	7	21.70	21.78	21.56	23.20
		15	0	21.54	21.48	21.68	23.20
	64QAM	1	0	22.61	22.87	22.46	23.20
		1	7	22.60	22.63	22.63	23.20
		1	14	22.67	22.68	22.43	23.20
		8	0	21.56	21.62	21.48	22.20
		8	4	21.70	21.60	21.61	22.20
		8	7	21.57	21.65	21.51	22.20
		15	0	21.50	21.60	21.55	22.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131997	132322	132647	
5MHz	QPSK	1	0	23.35	23.71	23.48	25.20
		1	13	23.41	23.52	23.54	25.20
		1	24	24.13	23.94	23.33	25.20
		12	0	22.51	22.63	22.43	24.20
		12	6	22.74	22.59	22.54	24.20
		12	13	22.55	22.64	22.62	24.20
		25	0	22.57	22.55	22.68	24.20
	16QAM	1	0	22.52	22.64	22.93	24.20
		1	13	22.82	22.85	22.56	24.20
		1	24	23.15	22.91	22.49	24.20
		12	0	21.44	21.53	21.59	23.20
		12	6	21.49	21.59	21.59	23.20
		12	13	21.80	21.78	21.58	23.20
		25	0	21.45	21.55	21.52	23.20
	64QAM	1	0	22.60	22.74	22.51	23.20
		1	13	22.58	22.58	22.50	23.20
		1	24	22.75	22.66	22.54	23.20
		12	0	21.41	21.48	21.56	22.20
		12	6	21.63	21.67	21.63	22.20



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		12	13	21.58	21.74	21.50	22.20
		25	0	21.64	21.60	21.68	22.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132022	132322	132622	
10MHz	QPSK	1	0	23.37	23.76	23.45	25.20
		1	25	23.55	23.56	23.49	25.20
		1	49	24.14	23.95	23.43	25.20
		25	0	22.57	22.66	22.46	24.20
		25	13	22.60	22.68	22.52	24.20
		25	25	22.54	22.73	22.67	24.20
		50	0	22.60	22.62	22.65	24.20
	16QAM	1	0	22.39	22.63	22.96	24.20
		1	25	22.82	22.83	22.55	24.20
		1	49	23.14	22.98	22.49	24.20
		25	0	21.54	21.49	21.52	23.20
		25	13	21.54	21.71	21.60	23.20
		25	25	21.71	21.67	21.54	23.20
		50	0	21.56	21.61	21.69	23.20
	64QAM	1	0	22.63	22.79	22.52	23.20
		1	25	22.65	22.66	22.54	23.20
		1	49	22.69	22.80	22.49	23.20
		25	0	21.37	21.49	21.55	22.20
		25	13	21.51	21.68	21.60	22.20
		25	25	21.65	21.62	21.65	22.20
		50	0	21.45	21.66	21.56	22.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132047	132322	132597	
15MHz	QPSK	1	0	23.23	23.65	23.63	25.20
		1	38	23.53	23.42	23.52	25.20
		1	74	24.05	23.89	23.49	25.20
		36	0	22.51	22.61	22.38	24.20
		36	18	22.72	22.75	22.68	24.20
		36	39	22.54	22.56	22.57	24.20
		75	0	22.68	22.62	22.64	24.20



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	16QAM	1	0	22.40	22.68	23.01	24.20
		1	38	22.80	22.74	22.63	24.20
		1	74	23.10	22.90	22.61	24.20
		36	0	21.44	21.48	21.54	23.20
		36	18	21.56	21.72	21.68	23.20
		36	39	21.74	21.76	21.52	23.20
		75	0	21.64	21.48	21.65	23.20
	64QAM	1	0	22.60	22.89	22.56	23.20
		1	38	22.73	22.59	22.63	23.20
		1	74	22.80	22.76	22.49	23.20
		36	0	21.49	21.67	21.65	22.20
		36	18	21.57	21.61	21.67	22.20
		36	39	21.55	21.69	21.51	22.20
		75	0	21.46	21.71	21.60	22.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132072	132322	132572	
20MHz	QPSK	1	0	23.32	23.69	23.53	25.20
		1	50	23.46	23.47	23.59	25.20
		1	99	24.10	23.90	23.42	25.20
		50	0	22.51	22.63	22.48	24.20
		50	25	22.68	22.67	22.59	24.20
		50	50	22.61	22.66	22.62	24.20
		100	0	22.62	22.60	22.59	24.20
	16QAM	1	0	22.49	22.65	22.93	24.20
		1	50	22.87	22.76	22.53	24.20
		1	99	23.13	22.89	22.59	24.20
		50	0	21.52	21.58	21.55	23.20
		50	25	21.58	21.62	21.63	23.20
		50	50	21.74	21.72	21.57	23.20
		100	0	21.54	21.54	21.61	23.20
	64QAM	1	0	22.53	22.84	22.51	23.20
		1	50	22.67	22.61	22.60	23.20
		1	99	22.72	22.75	22.53	23.20
		50	0	21.46	21.57	21.57	22.20



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	50	25	21.61	21.62	21.64	22.20
	50	50	21.63	21.69	21.56	22.20
	100	0	21.54	21.61	21.58	22.20



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2 Conducted Power of Main Antenna (Ant1)

2.1 Conducted Power of GSM

GSM 850 State3/5/8/10										
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	32.80	32.85	33.00	34.00	-9.19	23.61	23.66	23.81	24.81
GPRS (GMSK)	1 TX Slot	32.83	32.89	33.06	34.00	-9.19	23.64	23.70	23.87	24.81
	2 TX Slots	30.82	30.87	30.85	32.50	-6.18	24.64	24.69	24.67	26.32
	3 TX Slots	29.34	29.19	28.77	30.50	-4.42	24.92	24.77	24.35	26.08
	4 TX Slots	28.15	28.18	27.48	28.50	-3.17	24.98	25.01	24.31	25.33
EGPRS (GMSK)	1 TX Slot	32.76	32.90	33.09	34.00	-9.19	23.57	23.71	23.90	24.81
	2 TX Slots	30.89	30.78	30.87	32.50	-6.18	24.71	24.60	24.69	26.32
	3 TX Slots	29.42	29.09	28.68	30.50	-4.42	25.00	24.67	24.26	26.08
	4 TX Slots	28.07	28.15	27.49	28.50	-3.17	24.90	24.98	24.32	25.33
EGPRS (8PSK)	1 TX Slot	26.06	26.37	25.82	29.00	-9.19	16.87	17.18	16.63	19.81
	2 TX Slots	24.86	25.17	24.57	27.00	-6.18	18.68	18.99	18.39	20.82
	3 TX Slots	23.45	23.81	23.47	25.00	-4.42	19.03	19.39	19.05	20.58
	4 TX Slots	22.30	22.90	22.54	23.00	-3.17	19.13	19.73	19.37	19.83



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2.2 Conducted Power of WCDMA

WCDMA Band V State3/5/8/10					
Average Conducted Power(dBm)					
Channel		4132	4182	4233	Tune up
WCDMA	12.2kbps RMC	24.79	24.85	24.75	25.20
	12.2kbps AMR	24.75	24.83	24.72	25.20
HSDPA	Subtest 1	24.17	24.02	23.96	25.20
	Subtest 2	24.17	24.06	23.97	25.20
	Subtest 3	23.64	23.54	23.46	24.70
	Subtest 4	23.65	23.52	23.46	24.70
HSUPA	Subtest 1	23.96	23.93	23.84	25.20
	Subtest 2	21.95	21.89	21.86	23.20
	Subtest 3	22.93	22.92	22.90	24.20
	Subtest 4	21.90	21.88	21.94	23.20
	Subtest 5	23.94	23.97	23.95	25.20
DC-HSDPA	Subtest 1	24.09	24.10	23.87	25.20
	Subtest 2	24.26	23.97	24.00	25.20
	Subtest 3	23.74	23.48	23.53	24.70
	Subtest 4	23.71	23.51	23.39	24.70
HSPA+	16QAM	21.91	21.94	21.80	23.20



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2.3 Conducted Power of LTE

LTE Band 5 State3/5/8/10				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20407	20525	20643	
1.4MHz	QPSK	1	0	24.94	24.95	24.89	25.20
		1	2	25.08	24.99	24.98	25.20
		1	5	24.96	24.91	24.87	25.20
		3	0	24.47	24.55	24.40	25.20
		3	2	24.47	24.41	24.51	25.20
		3	3	24.37	24.53	24.39	25.20
		6	0	24.36	24.46	24.51	25.20
	16QAM	1	0	24.83	24.86	24.78	25.20
		1	2	24.65	24.89	24.54	25.20
		1	5	24.80	24.92	24.17	25.20
		3	0	23.78	23.81	23.85	24.20
		3	2	23.79	23.97	23.71	24.20
		3	3	23.76	23.92	23.58	24.20
		6	0	23.80	23.93	23.64	24.20
	64QAM	1	0	24.54	24.57	24.61	25.20
		1	2	24.47	24.74	24.62	25.20
		1	5	24.39	24.61	24.23	25.20
		3	0	23.87	23.85	23.71	24.20
		3	2	23.82	23.86	23.72	24.20
		3	3	23.85	23.92	23.53	24.20
		6	0	23.86	23.94	23.72	24.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20415	20525	20635	
3MHz	QPSK	1	0	24.96	25.02	24.95	25.20
		1	7	25.00	25.03	25.09	25.20
		1	14	24.94	24.98	24.92	25.20
		8	0	24.45	24.50	24.31	25.20
		8	4	24.54	24.51	24.56	25.20



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		8	7	24.38	24.49	24.50	25.20
		15	0	24.35	24.39	24.48	25.20
	16QAM	1	0	24.73	24.92	24.78	25.20
		1	7	24.63	24.90	24.60	25.20
		1	14	24.85	24.92	24.27	25.20
		8	0	23.77	23.90	23.86	24.20
		8	4	23.83	23.93	23.71	24.20
		8	7	23.81	23.91	23.53	24.20
		15	0	23.78	23.86	23.73	24.20
	64QAM	1	0	24.56	24.60	24.61	25.20
		1	7	24.45	24.72	24.71	25.20
		1	14	24.44	24.61	24.27	25.20
		8	0	23.77	23.81	23.70	24.20
		8	4	23.80	23.92	23.68	24.20
		8	7	23.81	23.94	23.60	24.20
		15	0	23.82	23.83	23.65	24.20
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
					20425	20525	20625
					Tune up		
5MHz	QPSK	1	0	24.94	25.04	24.92	25.20
		1	13	25.01	25.02	24.99	25.20
		1	24	24.98	24.97	24.84	25.20
		12	0	24.47	24.50	24.32	25.20
		12	6	24.54	24.50	24.59	25.20
		12	13	24.44	24.55	24.40	25.20
		25	0	24.36	24.37	24.47	25.20
	16QAM	1	0	24.77	24.87	24.78	25.20
		1	13	24.59	24.88	24.54	25.20
		1	24	24.88	24.90	24.17	25.20
		12	0	23.86	23.89	23.85	24.20
		12	6	23.77	23.97	23.75	24.20
		12	13	23.87	23.94	23.57	24.20
		25	0	23.84	23.86	23.70	24.20
	64QAM	1	0	24.62	24.65	24.61	25.20
		1	13	24.44	24.80	24.61	25.20



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		1	24	24.41	24.58	24.17	25.20
		12	0	23.84	23.89	23.79	24.20
		12	6	23.76	23.91	23.73	24.20
		12	13	23.80	23.88	23.58	24.20
		25	0	23.77	23.90	23.61	24.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20450	20525	20600	
10MHz	QPSK	1	0	24.95	24.99	24.95	25.20
		1	25	25.02	25.04	25.04	25.20
		1	49	24.97	24.97	24.90	25.20
		25	0	24.44	24.50	24.35	25.20
		25	13	24.51	24.45	24.56	25.20
		25	25	24.41	24.52	24.44	25.20
		50	0	24.41	24.42	24.47	25.20
	16QAM	1	0	24.78	24.87	24.83	25.20
		1	25	24.65	24.94	24.59	25.20
		1	49	24.84	24.89	24.23	25.20
		25	0	23.83	23.87	23.83	24.20
		25	13	23.80	23.91	23.73	24.20
		25	25	23.81	23.90	23.53	24.20
		50	0	23.80	23.89	23.69	24.20
	64QAM	1	0	24.60	24.62	24.61	25.20
		1	25	24.47	24.76	24.66	25.20
		1	49	24.42	24.61	24.22	25.20
		25	0	23.82	23.86	23.76	24.20
		25	13	23.81	23.89	23.74	24.20
		25	25	23.81	23.89	23.54	24.20
		50	0	23.82	23.88	23.67	24.20



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LTE 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	24.47	24.48	24.67	25.20
		1	2	24.69	24.51	24.70	25.20
		1	5	24.55	24.70	24.55	25.20
		3	0	23.68	23.68	23.50	25.20
		3	2	23.49	23.58	23.71	25.20
		3	3	23.55	23.57	23.62	25.20
		6	0	23.69	23.53	23.62	24.20
	16QAM	1	0	23.84	24.12	23.99	24.20
		1	2	24.06	24.08	23.93	24.20
		1	5	23.95	23.99	23.85	24.20
		3	0	22.60	22.49	22.52	24.20
		3	2	22.58	22.63	22.60	24.20
		3	3	22.68	22.51	22.54	24.20
		6	0	22.70	22.56	22.44	23.20
	64QAM	1	0	22.85	22.88	23.03	23.20
		1	2	22.78	22.89	22.76	23.20
		1	5	23.03	23.19	22.78	23.20
		3	0	22.69	22.76	22.52	23.20
		3	2	22.65	22.64	22.76	23.20
		3	3	22.59	22.51	22.62	23.20
		6	0	22.01	22.12	21.95	22.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				23025	23095	23165	
3MHz	QPSK	1	0	24.53	24.46	24.65	25.20
		1	7	24.64	24.56	24.65	25.20
		1	14	24.53	24.67	24.60	25.20
		8	0	23.64	23.63	23.53	24.20
		8	4	23.54	23.59	23.68	24.20
		8	7	23.54	23.63	23.58	24.20
		15	0	23.67	23.57	23.59	24.20



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	16QAM	1	0	23.84	24.08	24.00	24.20
		1	7	24.08	24.11	23.97	24.20
		1	14	23.93	23.97	23.81	24.20
		8	0	22.54	22.55	22.54	23.20
		8	4	22.62	22.58	22.55	23.20
		8	7	22.68	22.49	22.58	23.20
		15	0	22.66	22.52	22.47	23.20
	64QAM	1	0	23.69	23.76	23.88	24.20
		1	7	23.72	23.76	23.72	24.20
		1	14	23.54	23.65	23.72	24.20
		8	0	22.63	22.70	22.56	23.20
		8	4	22.68	22.64	22.75	23.20
		8	7	22.55	22.48	22.58	23.20
		15	0	22.50	22.59	22.44	23.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				23035	23095	23155	
5MHz	QPSK	1	0	24.49	24.52	24.55	25.20
		1	13	24.66	24.67	24.63	25.20
		1	24	24.50	24.73	24.63	25.20
		12	0	23.54	23.63	23.59	24.20
		12	6	23.54	23.56	23.67	24.20
		12	13	23.46	23.60	23.65	24.20
		25	0	23.54	23.46	23.42	24.20
	16QAM	1	0	23.81	24.11	23.85	24.20
		1	13	24.19	24.11	23.85	24.20
		1	24	23.98	23.81	23.84	24.20
		12	0	22.64	22.64	22.53	23.20
		12	6	22.57	22.52	22.66	23.20
		12	13	22.55	22.59	22.50	23.20
		25	0	22.63	22.58	22.62	23.20
	64QAM	1	0	23.74	23.82	23.71	24.20
		1	13	23.77	23.73	23.74	24.20
		1	24	23.53	23.63	23.70	24.20
		12	0	22.62	22.65	22.50	23.20



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		12	6	22.73	22.65	22.62	23.20
		12	13	22.67	22.51	22.59	23.20
		25	0	22.55	22.65	22.40	23.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				23060	23095	23130	
10MHz	QPSK	1	0	24.46	24.54	24.65	25.20
		1	25	24.57	24.57	24.62	25.20
		1	49	24.49	24.70	24.65	25.20
		25	0	23.56	23.55	23.56	24.20
		25	13	23.62	23.58	23.71	24.20
		25	25	23.53	23.57	23.59	24.20
		50	0	23.59	23.51	23.52	24.20
	16QAM	1	0	23.89	24.04	23.93	24.20
		1	25	24.09	24.03	23.95	24.20
		1	49	23.91	23.88	23.82	24.20
		25	0	22.54	22.63	22.55	23.20
		25	13	22.63	22.61	22.62	23.20
		25	25	22.61	22.57	22.58	23.20
		50	0	22.61	22.58	22.57	23.20
	64QAM	1	0	23.67	23.77	23.79	24.20
		1	25	23.67	23.75	23.74	24.20
		1	49	23.59	23.67	23.78	24.20
		25	0	22.56	22.61	22.56	23.20
		25	13	22.64	22.60	22.66	23.20
		25	25	22.63	22.53	22.67	23.20
		50	0	22.60	22.59	22.46	23.20



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LTE Band 13 State3/5/8/10				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				23205	23230	23255	
5MHz	QPSK	1	0	23.82	23.70	23.82	24.50
		1	13	23.75	23.90	23.80	24.50
		1	24	23.62	23.69	23.75	24.50
		12	0	22.71	22.69	22.71	23.50
		12	6	22.79	22.69	22.68	23.50
		12	13	22.66	22.60	22.77	23.50
		25	0	22.68	22.75	22.81	23.50
	16QAM	1	0	23.28	23.29	23.20	23.50
		1	13	23.05	23.11	23.07	23.50
		1	24	23.10	23.07	23.11	23.50
		12	0	21.59	21.65	21.63	22.50
		12	6	21.72	21.57	21.67	22.50
		12	13	21.75	21.86	21.77	22.50
		25	0	21.59	21.62	21.77	22.50
	64QAM	1	0	22.91	22.95	22.78	23.50
		1	13	22.90	22.96	22.96	23.50
		1	24	22.75	22.87	22.77	23.50
		12	0	21.77	21.78	21.81	22.50
		12	6	21.68	21.68	21.66	22.50
		12	13	21.62	21.77	21.76	22.50
		25	0	21.67	21.68	21.67	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
10MHz	QPSK	1	0	/	23.79	/	24.50
		1	25	/	23.82	/	24.50
		1	49	/	23.72	/	24.50
		25	0	/	22.75	/	23.50
		25	13	/	22.74	/	23.50
		25	25	/	22.67	/	23.50
		50	0	/	22.78	/	23.50



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	16QAM	1	0	/	23.26	/	23.50
		1	25	/	23.14	/	23.50
		1	49	/	23.08	/	23.50
		25	0	/	21.65	/	22.50
		25	13	/	21.66	/	22.50
		25	25	/	21.78	/	22.50
		50	0	/	21.68	/	22.50
	64QAM	1	0	/	22.88	/	23.50
		1	25	/	22.89	/	23.50
		1	49	/	22.83	/	23.50
		25	0	/	21.76	/	22.50
		25	13	/	21.62	/	22.50
		25	25	/	21.68	/	22.50
		50	0	/	21.68	/	22.50



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LTE 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	24.71	24.74	24.57	25.20
		1	13	24.53	24.85	24.89	25.20
		1	24	24.51	24.55	24.53	25.20
		12	0	23.59	23.54	23.63	24.20
		12	6	23.60	23.67	23.75	24.20
		12	13	23.62	23.70	23.65	24.20
		25	0	23.70	23.58	23.58	24.20
	16QAM	1	0	24.04	23.88	24.09	24.20
		1	13	24.01	24.05	23.95	24.20
		1	24	24.01	23.79	24.00	24.20
		12	0	22.69	22.56	22.51	23.20
		12	6	22.62	22.64	22.66	23.20
		12	13	22.67	22.60	22.72	23.20
		25	0	22.49	22.63	22.55	23.20
	64QAM	1	0	23.95	23.69	23.66	24.20
		1	13	23.77	23.98	23.72	24.20
		1	24	23.48	23.87	23.62	24.20
		12	0	22.49	22.61	22.60	23.20
		12	6	22.64	22.65	22.70	23.20
		12	13	22.64	22.60	22.67	23.20
		25	0	22.43	22.50	22.62	23.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				23780	23790	23800	
10MHz	QPSK	1	0	24.71	24.64	24.54	25.20
		1	25	24.60	24.81	24.80	25.20
		1	49	24.56	24.51	24.60	25.20
		25	0	23.57	23.53	23.66	24.20
		25	13	23.66	23.65	23.70	24.20
		25	25	23.60	23.66	23.60	24.20
		50	0	23.60	23.55	23.57	24.20



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	16QAM	1	0	23.96	23.98	24.05	24.20
		1	25	24.10	24.05	23.93	24.20
		1	49	23.94	23.73	23.96	24.20
		25	0	22.66	22.62	22.58	23.20
		25	13	22.67	22.63	22.71	23.20
		25	25	22.67	22.63	22.62	23.20
		50	0	22.59	22.58	22.61	23.20
	64QAM	1	0	23.85	23.75	23.76	24.20
		1	25	23.77	23.88	23.74	24.20
		1	49	23.50	23.85	23.62	24.20
		25	0	22.57	22.64	22.57	23.20
		25	13	22.62	22.60	22.66	23.20
		25	25	22.60	22.64	22.66	23.20
		50	0	22.48	22.47	22.54	23.20



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LTE Band 26 State3/5/8/10				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26697	26865	27033	
1.4MHz	QPSK	1	0	24.34	24.31	24.43	25.20
		1	2	24.37	24.90	24.46	25.20
		1	5	24.24	24.44	24.68	25.20
		3	0	23.47	23.46	23.59	24.20
		3	2	23.50	23.40	23.49	24.20
		3	3	23.60	23.43	23.43	24.20
		6	0	23.49	23.36	23.50	24.20
	16QAM	1	0	23.74	23.76	23.86	24.20
		1	2	23.75	23.77	23.67	24.20
		1	5	23.79	23.70	23.71	24.20
		3	0	22.46	22.47	22.43	23.20
		3	2	22.50	22.65	22.54	23.20
		3	3	22.57	22.63	22.41	23.20
		6	0	22.39	22.43	22.33	23.20
	64QAM	1	0	23.70	23.46	23.54	24.20
		1	2	23.69	23.79	23.72	24.20
		1	5	23.62	23.67	23.29	24.20
		3	0	22.54	22.50	22.37	23.20
		3	2	22.42	22.55	22.37	23.20
		3	3	22.37	22.56	22.54	23.20
		6	0	22.50	22.55	22.66	23.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26705	26865	27025	
3MHz	QPSK	1	0	24.36	24.36	24.46	25.20
		1	7	24.31	24.86	24.52	25.20
		1	14	24.27	24.39	24.66	25.20
		8	0	23.44	23.48	23.58	24.20
		8	4	23.47	23.39	23.52	24.20
		8	7	23.55	23.45	23.47	24.20
		15	0	23.45	23.39	23.47	24.20



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	16QAM	1	0	23.75	23.72	23.91	24.20
		1	7	23.79	23.82	23.69	24.20
		1	14	23.77	23.65	23.67	24.20
		8	0	22.41	22.53	22.38	23.20
		8	4	22.49	22.60	22.52	23.20
		8	7	22.57	22.57	22.47	23.20
		15	0	22.39	22.49	22.39	23.20
	64QAM	1	0	23.67	23.50	23.60	24.20
		1	7	23.71	23.82	23.67	24.20
		1	14	23.59	23.67	23.31	24.20
		8	0	22.49	22.46	22.39	23.20
		8	4	22.48	22.50	22.42	23.20
		8	7	22.42	22.52	22.49	23.20
		15	0	22.48	22.54	22.62	23.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26715	26865	27015	
5MHz	QPSK	1	0	24.35	24.31	24.51	25.20
		1	13	24.36	24.85	24.52	25.20
		1	24	24.26	24.57	24.80	25.20
		12	0	23.57	23.60	23.54	24.20
		12	6	23.44	23.36	23.41	24.20
		12	13	23.44	23.50	23.48	24.20
		25	0	23.49	23.46	23.52	24.20
	16QAM	1	0	23.69	23.68	23.88	24.20
		1	13	23.72	23.78	23.61	24.20
		1	24	23.58	23.71	23.67	24.20
		12	0	22.46	22.62	22.52	23.20
		12	6	22.66	22.47	22.54	23.20
		12	13	22.59	22.55	22.59	23.20
		25	0	22.57	22.51	22.37	23.20
	64QAM	1	0	23.84	23.56	23.78	24.20
		1	13	23.56	23.72	23.64	24.20
		1	24	23.52	23.57	23.45	24.20
		12	0	22.43	22.57	22.44	23.20



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		12	6	22.50	22.58	22.46	23.20
		12	13	22.53	22.64	22.49	23.20
		25	0	22.54	22.52	22.46	23.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26740	26865	26990	
10MHz	QPSK	1	0	24.23	24.42	24.33	25.20
		1	25	24.51	24.72	24.46	25.20
		1	49	24.31	24.52	24.70	25.20
		25	0	23.42	23.47	23.44	24.20
		25	13	23.60	23.52	23.37	24.20
		25	25	23.56	23.42	23.47	24.20
		50	0	23.53	23.51	23.49	24.20
	16QAM	1	0	23.74	23.74	23.93	24.20
		1	25	23.80	23.71	23.58	24.20
		1	49	23.57	23.76	23.61	24.20
		25	0	22.41	22.62	22.53	23.20
		25	13	22.60	22.57	22.49	23.20
		25	25	22.54	22.63	22.56	23.20
		50	0	22.46	22.41	22.46	23.20
	64QAM	1	0	23.68	23.61	23.63	24.20
		1	25	23.62	23.84	23.64	24.20
		1	49	23.49	23.71	23.39	24.20
		25	0	22.33	22.50	22.49	23.20
		25	13	22.44	22.45	22.42	23.20
		25	25	22.57	22.52	22.49	23.20
		50	0	22.41	22.45	22.64	23.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26765	26865	26965	
15MHz	QPSK	1	0	24.32	24.35	24.42	25.20
		1	38	24.41	24.79	24.49	25.20
		1	74	24.32	24.49	24.75	25.20
		36	0	23.52	23.50	23.52	24.20
		36	18	23.51	23.46	23.43	24.20
		36	39	23.53	23.48	23.56	24.20



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		75	0	23.55	23.48	23.54	24.20
	16QAM	1	0	23.69	23.75	23.88	24.20
		1	38	23.76	23.72	23.66	24.20
		1	74	23.67	23.74	23.65	24.20
		36	0	22.48	22.58	22.48	23.20
		36	18	22.59	22.51	22.48	23.20
		36	39	22.51	22.53	22.55	23.20
		75	0	22.47	22.44	22.46	23.20
	64QAM	1	0	23.75	23.56	23.70	24.20
		1	38	23.64	23.75	23.70	24.20
		1	74	23.59	23.63	23.35	24.20
		36	0	22.41	22.48	22.40	23.20
		36	18	22.48	22.53	22.44	23.20
		36	39	22.51	22.54	22.53	23.20
		75	0	22.49	22.46	22.56	23.20



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3 Conducted Power of Main Antenna (Ant4)

3.1 Conducted Power of WCDMA

WCDMA Band II State3/8					
Average Conducted Power(dBm)					
Channel		9262	9400	9538	Tune up
WCDMA	12.2kbps RMC	22.55	22.52	22.69	23.50
	12.2kbps AMR	22.52	22.46	22.64	23.50
HSDPA	Subtest 1	21.78	21.73	21.86	23.50
	Subtest 2	21.77	21.72	21.83	23.50
	Subtest 3	21.29	21.22	21.35	23.00
	Subtest 4	21.29	21.23	21.36	23.00
HSUPA	Subtest 1	21.71	21.68	21.84	23.50
	Subtest 2	19.58	19.65	19.79	21.50
	Subtest 3	20.57	20.64	20.77	22.50
	Subtest 4	19.63	19.63	19.80	21.50
	Subtest 5	21.59	21.59	21.67	23.50
DC-HSDPA	Subtest 1	21.81	21.78	21.95	23.50
	Subtest 2	21.67	21.79	21.78	23.50
	Subtest 3	21.33	21.30	21.25	23.00
	Subtest 4	21.35	21.33	21.30	23.00
HSPA+	16QAM	20.09	20.13	20.07	21.50

WCDMA Band II State5/10					
Average Conducted Power(dBm)					
Channel		9262	9400	9538	Tune up
WCDMA	12.2kbps RMC	19.90	20.13	19.98	21.00
	12.2kbps AMR	19.89	20.11	19.91	21.00
HSDPA	Subtest 1	19.28	19.24	19.37	21.00
	Subtest 2	19.28	19.20	19.38	21.00
	Subtest 3	18.81	18.72	18.89	20.50
	Subtest 4	18.82	18.75	18.91	20.50
HSUPA	Subtest 1	19.17	19.17	19.34	21.00
	Subtest 2	17.12	17.18	17.33	19.00
	Subtest 3	18.05	18.14	18.32	20.00
	Subtest 4	17.10	17.16	17.30	19.00
	Subtest 5	19.08	19.13	19.21	21.00



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DC-HSDPA	Subtest 1	19.24	19.27	19.44	21.00
	Subtest 2	19.36	19.13	19.29	21.00
	Subtest 3	18.86	18.65	18.92	20.50
	Subtest 4	18.90	18.75	18.95	20.50
HSPA+	16QAM	17.59	17.62	17.64	19.00



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WCDMA Band IV State3/8					
Average Conducted Power(dBm)					
Channel		1312	1412	1513	Tune up
WCDMA	12.2kbps RMC	23.34	23.41	23.37	24.20
	12.2kbps AMR	23.32	23.38	23.32	24.20
HSDPA	Subtest 1	22.55	22.56	22.51	24.20
	Subtest 2	22.56	22.58	22.52	24.20
	Subtest 3	22.04	22.06	22.01	23.70
	Subtest 4	22.06	22.06	22.00	23.70
HSUPA	Subtest 1	22.53	22.55	22.52	24.20
	Subtest 2	20.55	20.54	20.49	22.20
	Subtest 3	21.52	21.55	21.46	23.20
	Subtest 4	20.52	20.54	20.51	22.20
	Subtest 5	22.47	22.49	22.44	24.20
DC-HSDPA	Subtest 1	22.55	22.65	22.47	24.20
	Subtest 2	22.62	22.49	22.55	24.20
	Subtest 3	21.95	22.01	22.01	23.70
	Subtest 4	22.09	21.96	21.90	23.70
HSPA+	16QAM	20.51	20.92	20.85	22.20

WCDMA Band IV 5/10					
Average Conducted Power(dBm)					
Channel		1312	1412	1513	Tune up
WCDMA	12.2kbps RMC	21.33	21.54	21.45	22.20
	12.2kbps AMR	21.26	21.47	21.35	22.20
HSDPA	Subtest 1	20.55	20.53	20.43	22.20
	Subtest 2	20.50	20.52	20.43	22.20
	Subtest 3	20.02	20.04	19.92	21.70
	Subtest 4	20.02	20.00	19.92	21.70
HSUPA	Subtest 1	20.48	20.49	20.48	22.20
	Subtest 2	18.46	18.48	18.44	20.20
	Subtest 3	19.45	19.47	19.41	21.20
	Subtest 4	18.48	18.49	18.44	20.20
	Subtest 5	20.36	20.43	20.37	22.20
DC-HSDPA	Subtest 1	20.53	20.62	20.49	22.20



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	Subtest 2	20.43	20.43	20.52	22.20
	Subtest 3	20.00	19.98	19.99	21.70
	Subtest 4	20.01	20.00	19.85	21.70
	16QAM	18.95	18.86	18.89	20.20
HSPA+					



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3.2 Conducted Power of LTE

LTE Band 2 State3/8				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18607	18900	19193	
1.4MHz	QPSK	1	0	22.93	22.33	22.90	23.50
		1	2	22.84	22.88	22.70	23.50
		1	5	22.66	22.54	22.52	23.50
		3	0	22.89	22.29	22.77	23.50
		3	2	22.84	22.32	22.66	23.50
		3	3	22.88	22.55	22.64	23.50
		6	0	21.79	21.83	21.86	23.00
	16QAM	1	0	22.06	21.50	21.77	23.00
		1	2	22.19	21.95	22.03	23.00
		1	5	22.07	21.98	21.95	23.00
		3	0	21.80	21.94	21.62	23.00
		3	2	21.85	21.89	21.91	23.00
		3	3	21.96	22.05	21.63	23.00
		6	0	20.83	20.81	21.00	22.00
	64QAM	1	0	21.59	21.85	21.69	22.00
		1	2	21.75	21.81	21.73	22.00
		1	5	21.86	21.69	21.78	22.00
		3	0	21.79	21.83	21.88	22.00
		3	2	21.86	21.61	21.83	22.00
		3	3	21.78	21.76	21.75	22.00
		6	0	20.82	20.40	20.81	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18615	18900	19185	
3MHz	QPSK	1	0	22.36	22.21	22.06	23.50
		1	7	22.48	22.25	22.12	23.50
		1	14	22.12	22.24	22.50	23.50
		8	0	21.69	21.49	21.71	23.00
		8	4	21.70	21.61	21.57	23.00



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		8	7	21.72	21.68	21.72	23.00
		15	0	21.62	21.65	21.66	23.00
	16QAM	1	0	21.91	21.96	21.89	23.00
		1	7	22.07	21.79	21.54	23.00
		1	14	21.67	21.71	22.24	23.00
		8	0	20.71	20.72	20.73	22.00
		8	4	20.61	20.62	20.73	22.00
		8	7	20.77	20.81	20.92	22.00
		15	0	20.80	20.64	20.82	22.00
		1	0	21.00	20.86	20.67	22.00
	64QAM	1	7	20.83	20.82	20.52	22.00
		1	14	20.57	20.67	20.89	22.00
		8	0	19.63	19.64	19.60	21.00
		8	4	19.78	19.63	19.52	21.00
		8	7	19.74	19.62	19.96	21.00
		15	0	19.76	19.67	19.56	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18625	18900	19175	
5MHz	QPSK	1	0	22.21	22.08	22.16	23.50
		1	13	22.49	22.36	22.24	23.50
		1	24	22.13	22.34	22.47	23.50
		12	0	21.59	21.63	21.69	23.00
		12	6	21.80	21.56	21.59	23.00
		12	13	21.75	21.78	21.86	23.00
		25	0	21.69	21.60	21.56	23.00
	16QAM	1	0	21.83	21.79	22.00	23.00
		1	13	21.95	21.78	21.71	23.00
		1	24	21.85	21.88	22.23	23.00
		12	0	20.78	20.63	20.69	22.00
		12	6	20.55	20.66	20.60	22.00
		12	13	20.85	20.79	20.87	22.00
		25	0	20.77	20.61	20.64	22.00
	64QAM	1	0	21.07	20.77	20.73	22.00
		1	13	20.79	20.85	20.56	22.00



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		1	24	20.60	20.65	21.00	22.00
		12	0	19.75	19.56	19.60	21.00
		12	6	19.72	19.68	19.54	21.00
		12	13	19.66	19.81	19.88	21.00
		25	0	19.65	19.69	19.60	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18650	18900	19150	
10MHz	QPSK	1	0	22.31	22.21	22.21	23.50
		1	25	22.46	22.31	22.29	23.50
		1	49	22.02	22.34	22.49	23.50
		25	0	21.72	21.62	21.67	23.00
		25	13	21.86	21.68	21.61	23.00
		25	25	21.80	21.68	21.92	23.00
		50	0	21.73	21.55	21.75	23.00
	16QAM	1	0	21.89	21.80	21.92	23.00
		1	25	21.95	21.90	21.65	23.00
		1	49	21.76	21.79	22.10	23.00
		25	0	20.76	20.73	20.61	22.00
		25	13	20.72	20.64	20.55	22.00
		25	25	20.65	20.65	20.93	22.00
		50	0	20.86	20.73	20.73	22.00
	64QAM	1	0	21.06	20.75	20.82	22.00
		1	25	20.89	20.74	20.58	22.00
		1	49	20.58	20.66	20.98	22.00
		25	0	19.72	19.58	19.77	21.00
		25	13	19.69	19.72	19.55	21.00
		25	25	19.62	19.77	19.89	21.00
		50	0	19.67	19.53	19.73	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18675	18900	19125	
15MHz	QPSK	1	0	22.34	22.13	22.17	23.50
		1	38	22.36	22.20	22.21	23.50
		1	74	22.14	22.28	22.49	23.50
		36	0	21.60	21.61	21.68	23.00



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		36	18	21.86	21.64	21.64	23.00
		36	39	21.87	21.74	21.77	23.00
		75	0	21.61	21.52	21.64	23.00
	16QAM	1	0	21.89	21.79	22.07	23.00
		1	38	21.99	21.81	21.65	23.00
		1	74	21.85	21.79	22.21	23.00
		36	0	20.71	20.62	20.56	22.00
		36	18	20.63	20.65	20.75	22.00
		36	39	20.74	20.69	20.95	22.00
		75	0	20.87	20.70	20.68	22.00
	64QAM	1	0	21.03	20.80	20.77	22.00
		1	38	20.87	20.79	20.57	22.00
		1	74	20.55	20.61	20.93	22.00
		36	0	19.55	19.73	19.77	21.00
		36	18	19.89	19.61	19.50	21.00
		36	39	19.62	19.62	19.80	21.00
		75	0	19.68	19.55	19.69	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18700	18900	19100	
20MHz	QPSK	1	0	22.26	22.17	22.13	23.50
		1	50	22.40	22.30	22.19	23.50
		1	99	22.05	22.47	22.25	23.50
		50	0	21.64	21.59	21.69	23.00
		50	25	21.76	21.89	21.77	23.00
		50	50	21.79	21.69	21.75	23.00
		100	0	21.71	21.58	21.66	23.00
	16QAM	1	0	21.89	21.88	21.98	23.00
		1	50	21.99	21.81	21.63	23.00
		1	99	21.77	21.80	22.18	23.00
		50	0	20.70	20.64	20.63	22.00
		50	25	20.64	20.56	20.65	22.00
		50	50	20.75	20.71	20.92	22.00
		100	0	20.85	20.66	20.73	22.00
	64QAM	1	0	20.98	20.77	20.73	22.00



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		1	50	20.81	20.83	20.56	22.00
		1	99	20.59	20.65	20.94	22.00
		50	0	19.65	19.64	19.68	21.00
		50	25	19.79	19.63	19.57	21.00
		50	50	19.68	19.72	19.88	21.00
		100	0	19.73	19.63	19.66	21.00



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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	20.06	19.93	19.95	21.50
		1	2	20.01	20.51	20.47	21.50
		1	5	20.25	19.96	20.17	21.50
		3	0	20.06	20.07	20.07	21.50
		3	2	20.17	20.11	20.17	21.50
		3	3	20.04	20.35	20.18	21.50
		6	0	19.99	20.18	20.29	21.50
	16QAM	1	0	20.15	20.31	20.26	21.50
		1	2	20.20	20.27	20.27	21.50
		1	5	20.27	20.19	20.44	21.50
		3	0	19.99	19.96	20.06	21.50
		3	2	20.05	20.07	20.13	21.50
		3	3	20.06	20.14	20.09	21.50
		6	0	20.19	19.95	20.09	21.50
	64QAM	1	0	20.13	20.29	20.40	21.50
		1	2	20.29	20.22	20.32	21.50
		1	5	20.32	20.02	20.30	21.50
		3	0	19.59	19.63	19.71	21.50
		3	2	19.59	19.61	19.68	21.50
		3	3	19.77	19.85	19.84	21.50
		6	0	19.67	19.71	19.74	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18615	18900	19185	
3MHz	QPSK	1	0	20.07	19.93	20.00	21.50
		1	7	20.06	20.49	20.43	21.50
		1	14	20.21	19.99	20.17	21.50
		8	0	20.11	20.04	20.05	21.50
		8	4	20.19	20.14	20.19	21.50
		8	7	20.03	20.31	20.14	21.50
		15	0	20.04	20.19	20.29	21.50



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	16QAM	1	0	20.20	20.30	20.24	21.50
		1	7	20.24	20.26	20.28	21.50
		1	14	20.29	20.17	20.43	21.50
		8	0	20.02	19.91	20.06	21.50
		8	4	20.07	20.03	20.12	21.50
		8	7	20.05	20.16	20.10	21.50
		15	0	20.17	19.95	20.06	21.50
	64QAM	1	0	20.12	20.28	20.38	21.50
		1	7	20.25	20.22	20.37	21.50
		1	14	20.31	20.06	20.34	21.50
		8	0	19.54	19.64	19.70	21.00
		8	4	19.61	19.62	19.63	21.00
		8	7	19.73	19.90	19.80	21.00
		15	0	19.62	19.75	19.79	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18625	18900	19175	
5MHz	QPSK	1	0	20.05	19.93	19.93	21.50
		1	13	19.96	20.51	20.44	21.50
		1	24	20.23	20.05	20.16	21.50
		12	0	20.12	20.03	20.13	21.50
		12	6	20.21	20.14	20.26	21.50
		12	13	20.14	20.28	20.22	21.50
		25	0	20.14	20.11	20.29	21.50
	16QAM	1	0	20.14	20.16	20.13	21.50
		1	13	20.27	20.20	20.30	21.50
		1	24	20.25	20.17	20.40	21.50
		12	0	20.19	19.98	20.04	21.50
		12	6	20.00	20.02	20.25	21.50
		12	13	20.06	20.21	20.16	21.50
		25	0	20.07	19.96	20.11	21.50
	64QAM	1	0	20.08	20.23	20.44	21.50
		1	13	20.18	20.20	20.47	21.50
		1	24	20.26	20.17	20.43	21.50
		12	0	19.60	19.57	19.78	21.00



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		12	6	19.69	19.60	19.56	21.00
		12	13	19.69	19.83	19.83	21.00
		25	0	19.63	19.65	19.68	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18650	18900	19150	
10MHz	QPSK	1	0	19.99	20.03	19.96	21.50
		1	25	20.10	20.47	20.33	21.50
		1	49	20.08	19.99	20.15	21.50
		25	0	20.19	20.09	19.98	21.50
		25	13	20.10	20.05	20.11	21.50
		25	25	20.17	20.17	20.14	21.50
		50	0	20.15	20.17	20.17	21.50
	16QAM	1	0	20.10	20.22	20.27	21.50
		1	25	20.18	20.28	20.28	21.50
		1	49	20.30	20.33	20.48	21.50
		25	0	20.11	20.01	20.16	21.50
		25	13	20.14	20.08	20.16	21.50
		25	25	20.02	20.13	20.06	21.50
		50	0	20.20	19.98	20.04	21.50
	64QAM	1	0	20.03	20.31	20.43	21.50
		1	25	20.18	20.17	20.44	21.50
		1	49	20.31	20.18	20.36	21.50
		25	0	19.64	19.71	19.78	21.00
		25	13	19.79	19.59	19.58	21.00
		25	25	19.74	19.82	19.89	21.00
		50	0	19.80	19.68	19.64	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18675	18900	19125	
15MHz	QPSK	1	0	20.04	19.97	19.93	21.50
		1	38	19.95	20.39	20.37	21.50
		1	74	20.19	19.87	20.04	21.50
		36	0	20.04	19.97	19.99	21.50
		36	18	20.08	20.01	20.15	21.50
		36	39	20.11	20.29	20.18	21.50



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		75	0	20.08	20.24	20.24	21.50
	16QAM	1	0	20.13	20.27	20.31	21.50
		1	38	20.32	20.27	20.40	21.50
		1	74	20.20	20.32	20.41	21.50
		36	0	20.20	19.88	20.05	21.50
		36	18	20.04	19.99	20.07	21.50
		36	39	20.05	20.08	20.24	21.50
		75	0	20.18	19.98	20.17	21.50
	64QAM	1	0	19.98	20.30	20.27	21.50
		1	38	20.12	20.07	20.44	21.50
		1	74	20.22	20.18	20.36	21.50
		36	0	19.67	19.65	19.77	21.00
		36	18	19.69	19.62	19.65	21.00
		36	39	19.63	19.75	19.77	21.00
		75	0	19.66	19.75	19.65	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18700	18900	19100	
20MHz	QPSK	1	0	20.02	19.97	20.01	21.50
		1	50	20.01	20.46	20.37	21.50
		1	99	20.13	19.95	20.09	21.50
		50	0	20.13	20.04	20.06	21.50
		50	25	20.18	20.05	20.17	21.50
		50	50	20.08	20.25	20.24	21.50
		100	0	20.12	20.15	20.21	21.50
	16QAM	1	0	20.19	20.22	20.21	21.50
		1	50	20.23	20.21	20.35	21.50
		1	99	20.22	20.26	20.44	21.50
		50	0	20.10	19.98	20.09	21.50
		50	25	20.09	20.02	20.17	21.50
		50	50	20.07	20.12	20.15	21.50
		100	0	20.12	20.01	20.13	21.50
	64QAM	1	0	20.04	20.29	20.36	21.50
		1	50	20.17	20.17	20.40	21.50
		1	99	20.31	20.16	20.35	21.50



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		50	0	19.58	19.63	19.68	21.00
		50	25	19.69	19.64	19.56	21.00
		50	50	19.72	19.80	19.87	21.00
		100	0	19.72	19.70	19.71	21.00



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LTE Band 4 State3/8				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19957	20175	20393	
1.4MHz	QPSK	1	0	24.14	24.17	24.06	24.20
		1	2	24.05	24.17	24.10	24.20
		1	5	24.02	24.18	24.16	24.20
		3	0	24.16	24.16	24.16	24.20
		3	2	23.98	23.98	24.15	24.20
		3	3	23.98	24.14	24.14	24.20
		6	0	23.16	23.23	23.21	24.20
	16QAM	1	0	23.52	23.37	23.29	24.20
		1	2	23.55	23.58	23.40	24.20
		1	5	23.34	23.27	23.59	24.20
		3	0	23.25	23.40	23.28	24.20
		3	2	23.06	22.91	23.19	24.20
		3	3	23.40	23.33	23.20	24.20
		6	0	22.28	22.17	21.99	23.20
	64QAM	1	0	23.14	23.00	23.17	23.20
		1	2	23.07	23.05	23.03	23.20
		1	5	23.03	23.05	22.56	23.20
		3	0	23.09	23.09	23.13	23.20
		3	2	23.05	23.10	23.11	23.20
		3	3	22.97	23.10	23.02	23.20
		6	0	22.18	22.19	22.15	22.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19965	20175	20385	
3MHz	QPSK	1	0	22.92	23.05	23.07	24.20
		1	7	23.72	23.77	23.34	24.20
		1	14	23.29	23.59	22.34	24.20
		8	0	23.35	23.19	23.13	24.20
		8	4	23.29	23.20	23.26	24.20
		8	7	23.32	23.42	23.38	24.20
		15	0	23.21	23.20	23.09	24.20



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	16QAM	1	0	23.67	23.45	23.45	24.20
		1	7	23.49	23.60	24.11	24.20
		1	14	23.77	23.74	23.42	24.20
		8	0	22.12	22.28	22.19	23.20
		8	4	22.35	22.24	22.19	23.20
		8	7	22.40	22.26	22.34	23.20
		15	0	22.29	22.34	22.16	23.20
	64QAM	1	0	22.42	22.47	22.71	23.20
		1	7	22.42	22.41	22.73	23.20
		1	14	22.37	22.47	22.37	23.20
		8	0	21.27	21.25	21.16	22.20
		8	4	21.42	21.16	21.18	22.20
		8	7	21.32	21.32	21.39	22.20
		15	0	21.27	21.29	21.13	22.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19975	20175	20375	
5MHz	QPSK	1	0	23.03	23.13	23.05	24.20
		1	13	23.65	23.68	23.39	24.20
		1	24	23.19	23.46	22.41	24.20
		12	0	23.27	23.16	23.21	24.20
		12	6	23.33	23.26	23.19	24.20
		12	13	23.35	23.33	23.30	24.20
		25	0	23.35	23.14	23.12	24.20
	16QAM	1	0	23.62	23.46	23.45	24.20
		1	13	23.50	23.44	24.07	24.20
		1	24	23.75	23.63	23.27	24.20
		12	0	22.19	22.17	22.27	23.20
		12	6	22.34	22.39	22.18	23.20
		12	13	22.44	22.25	22.35	23.20
		25	0	22.38	22.25	22.23	23.20
	64QAM	1	0	22.22	22.43	22.78	23.20
		1	13	22.42	22.39	22.62	23.20
		1	24	22.29	22.46	22.43	23.20
		12	0	21.17	21.23	21.13	22.20



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		12	6	21.25	21.16	21.35	22.20
		12	13	21.24	21.45	21.25	22.20
		25	0	21.30	21.28	21.15	22.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20000	20175	20350	
10MHz	QPSK	1	0	22.86	23.03	23.05	24.20
		1	25	23.62	23.70	23.50	24.20
		1	49	23.34	23.56	22.41	24.20
		25	0	23.27	23.15	23.22	24.20
		25	13	23.35	23.25	23.25	24.20
		25	25	23.42	23.43	23.41	24.20
		50	0	23.20	23.12	23.09	24.20
	16QAM	1	0	23.63	23.44	23.35	24.20
		1	25	23.47	23.49	24.01	24.20
		1	49	23.76	23.65	23.26	24.20
		25	0	22.17	22.21	22.31	23.20
		25	13	22.38	22.40	22.24	23.20
		25	25	22.33	22.27	22.35	23.20
		50	0	22.38	22.22	22.17	23.20
	64QAM	1	0	22.26	22.32	22.79	23.20
		1	25	22.32	22.42	22.60	23.20
		1	49	22.38	22.59	22.44	23.20
		25	0	21.15	21.12	21.19	22.20
		25	13	21.36	21.23	21.23	22.20
		25	25	21.32	21.27	21.24	22.20
		50	0	21.29	21.28	21.19	22.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20025	20175	20325	
15MHz	QPSK	1	0	22.93	23.17	23.04	24.20
		1	38	23.75	23.73	23.42	24.20
		1	74	23.34	23.48	22.36	24.20
		36	0	23.25	23.16	23.26	24.20
		36	18	23.26	23.33	23.26	24.20
		36	39	23.35	23.37	23.35	24.20



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		75	0	23.37	23.15	23.24	24.20
	16QAM	1	0	23.62	23.44	23.40	24.20
		1	38	23.48	23.56	23.93	24.20
		1	74	23.73	23.73	23.36	24.20
		36	0	22.24	22.23	22.21	23.20
		36	18	22.26	22.39	22.29	23.20
		36	39	22.35	22.39	22.25	23.20
		75	0	22.29	22.20	22.19	23.20
	64QAM	1	0	22.32	22.42	22.71	23.20
		1	38	22.31	22.46	22.74	23.20
		1	74	22.37	22.43	22.37	23.20
		36	0	21.15	21.24	21.30	22.20
		36	18	21.44	21.28	21.21	22.20
		36	39	21.31	21.29	21.36	22.20
		75	0	21.42	21.10	21.15	22.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20050	20175	20300	
20MHz	QPSK	1	0	22.93	23.10	23.01	24.20
		1	50	23.71	23.75	23.43	24.20
		1	99	23.29	23.51	22.41	24.20
		50	0	23.26	23.18	23.20	24.20
		50	25	23.32	23.27	23.22	24.20
		50	50	23.39	23.38	23.31	24.20
		100	0	23.28	23.20	23.17	24.20
	16QAM	1	0	23.66	23.44	23.40	24.20
		1	50	23.50	23.51	24.03	24.20
		1	99	23.68	23.64	23.35	24.20
		50	0	22.16	22.20	22.24	23.20
		50	25	22.33	22.31	22.26	23.20
		50	50	22.36	22.32	22.33	23.20
		100	0	22.30	22.27	22.19	23.20
	64QAM	1	0	22.32	22.38	22.73	23.20
		1	50	22.41	22.42	22.65	23.20
		1	99	22.39	22.52	22.39	23.20



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		50	0	21.20	21.21	21.20	22.20
		50	25	21.34	21.23	21.25	22.20
		50	50	21.26	21.36	21.34	22.20
		100	0	21.32	21.19	21.21	22.20



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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	20.35	20.36	20.12	21.20
		1	2	20.56	20.87	20.26	21.20
		1	5	20.26	20.34	20.33	21.20
		3	0	20.25	20.38	20.19	21.20
		3	2	20.28	20.28	20.31	21.20
		3	3	20.43	20.35	20.43	21.20
		6	0	20.34	20.39	20.35	21.20
	16QAM	1	0	20.72	20.52	20.57	21.20
		1	2	20.22	20.77	20.22	21.20
		1	5	20.67	20.94	20.51	21.20
		3	0	20.38	20.39	20.25	21.20
		3	2	20.47	20.37	20.47	21.20
		3	3	20.40	20.56	20.37	21.20
		6	0	20.38	20.30	20.44	21.20
	64QAM	1	0	20.35	20.32	20.72	21.20
		1	2	20.37	20.35	20.35	21.20
		1	5	20.25	20.92	20.41	21.20
		3	0	20.19	20.32	20.28	21.20
		3	2	20.33	20.33	20.45	21.20
		3	3	20.47	20.60	20.46	21.20
		6	0	20.42	20.42	20.36	21.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19965	20175	20385	
3MHz	QPSK	1	0	20.31	20.36	20.07	21.20
		1	7	20.42	20.77	20.36	21.20
		1	14	20.34	20.39	20.45	21.20
		8	0	20.25	20.32	20.17	21.20
		8	4	20.44	20.44	20.43	21.20
		8	7	20.39	20.51	20.43	21.20
		15	0	20.35	20.37	20.52	21.20
	16QAM	1	0	20.66	20.47	20.42	21.20



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		1	7	20.32	20.81	20.10	21.20
		1	14	20.71	21.00	20.48	21.20
		8	0	20.36	20.35	20.41	21.20
		8	4	20.47	20.44	20.27	21.20
		8	7	20.44	20.47	20.33	21.20
		15	0	20.33	20.27	20.37	21.20
	64QAM	1	0	20.24	20.26	20.65	21.20
		1	7	20.41	20.21	20.38	21.20
		1	14	20.27	20.94	20.55	21.20
		8	0	20.25	20.33	20.28	21.20
		8	4	20.40	20.32	20.38	21.20
		8	7	20.46	20.42	20.44	21.20
		15	0	20.34	20.39	20.36	21.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19975	20175	20375	
5MHz	QPSK	1	0	20.36	20.24	20.20	21.20
		1	13	20.56	20.87	20.30	21.20
		1	24	20.35	20.41	20.27	21.20
		12	0	20.32	20.39	20.27	21.20
		12	6	20.42	20.38	20.40	21.20
		12	13	20.44	20.46	20.40	21.20
		25	0	20.24	20.31	20.39	21.20
	16QAM	1	0	20.57	20.60	20.60	21.20
		1	13	20.36	20.64	20.18	21.20
		1	24	20.73	21.00	20.45	21.20
		12	0	20.30	20.31	20.26	21.20
		12	6	20.50	20.36	20.35	21.20
		12	13	20.31	20.57	20.43	21.20
		25	0	20.48	20.42	20.48	21.20
	64QAM	1	0	20.23	20.28	20.66	21.20
		1	13	20.32	20.33	20.36	21.20
		1	24	20.35	20.92	20.38	21.20
		12	0	20.11	20.31	20.26	21.20
		12	6	20.43	20.34	20.56	21.20



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		12	13	20.35	20.41	20.42	21.20
		25	0	20.29	20.26	20.54	21.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20000	20175	20350	
10MHz	QPSK	1	0	20.38	20.19	20.17	21.20
		1	25	20.39	20.87	20.42	21.20
		1	49	20.39	20.39	20.33	21.20
		25	0	20.27	20.29	20.19	21.20
		25	13	20.27	20.31	20.44	21.20
		25	25	20.38	20.37	20.33	21.20
		50	0	20.30	20.35	20.32	21.20
	16QAM	1	0	20.72	20.59	20.55	21.20
		1	25	20.38	20.71	20.10	21.20
		1	49	20.74	20.83	20.44	21.20
		25	0	20.23	20.36	20.24	21.20
		25	13	20.47	20.41	20.47	21.20
		25	25	20.33	20.53	20.27	21.20
		50	0	20.37	20.29	20.42	21.20
	64QAM	1	0	20.37	20.28	20.59	21.20
		1	25	20.27	20.17	20.45	21.20
		1	49	20.26	20.86	20.53	21.20
		25	0	20.12	20.16	20.32	21.20
		25	13	20.52	20.20	20.36	21.20
		25	25	20.48	20.60	20.36	21.20
		50	0	20.34	20.46	20.46	21.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20025	20175	20325	
15MHz	QPSK	1	0	20.33	20.34	20.23	21.20
		1	38	20.39	20.88	20.29	21.20
		1	74	20.40	20.28	20.32	21.20
		36	0	20.14	20.35	20.19	21.20
		36	18	20.40	20.38	20.38	21.20
		36	39	20.29	20.51	20.42	21.20
		75	0	20.30	20.29	20.45	21.20



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	16QAM	1	0	20.76	20.61	20.42	21.20
		1	38	20.23	20.74	20.12	21.20
		1	74	20.66	20.88	20.42	21.20
		36	0	20.42	20.46	20.29	21.20
		36	18	20.50	20.46	20.29	21.20
		36	39	20.25	20.45	20.34	21.20
		75	0	20.46	20.39	20.37	21.20
	64QAM	1	0	20.38	20.30	20.62	21.20
		1	38	20.38	20.20	20.29	21.20
		1	74	20.24	21.03	20.50	21.20
		36	0	20.29	20.28	20.31	21.20
		36	18	20.39	20.34	20.56	21.20
		36	39	20.35	20.49	20.45	21.20
		75	0	20.43	20.42	20.38	21.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20050	20175	20300	
20MHz	QPSK	1	0	20.39	20.29	20.15	21.20
		1	50	20.47	20.81	20.32	21.20
		1	99	20.36	20.35	20.35	21.20
		50	0	20.24	20.32	20.20	21.20
		50	25	20.37	20.38	20.38	21.20
		50	50	20.38	20.43	20.37	21.20
		100	0	20.33	20.30	20.42	21.20
	16QAM	1	0	20.66	20.53	20.50	21.20
		1	50	20.29	20.73	20.17	21.20
		1	99	20.73	20.92	20.42	21.20
		50	0	20.33	20.36	20.31	21.20
		50	25	20.42	20.42	20.37	21.20
		50	50	20.35	20.47	20.35	21.20
		100	0	20.38	20.36	20.38	21.20
	64QAM	1	0	20.29	20.35	20.66	21.20
		1	50	20.37	20.25	20.38	21.20
		1	99	20.31	20.93	20.45	21.20
		50	0	20.20	20.23	20.34	21.20



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		50	25	20.43	20.29	20.46	21.20
		50	50	20.42	20.51	20.45	21.20
		100	0	20.38	20.36	20.44	21.20



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LTE Band 7 State3/5/8/10				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20775	21100	21425	
5MHz	QPSK	1	0	20.64	20.20	20.09	21.70
		1	13	20.66	20.47	20.14	21.70
		1	24	20.24	20.23	20.21	21.70
		12	0	20.31	20.04	20.25	21.70
		12	6	20.31	20.24	20.23	21.70
		12	13	20.01	20.11	20.06	21.70
		25	0	20.37	20.37	20.30	21.70
	16QAM	1	0	20.38	20.96	20.35	21.70
		1	13	20.58	20.51	20.45	21.70
		1	24	20.76	20.88	20.30	21.70
		12	0	19.95	20.16	20.06	21.70
		12	6	20.35	20.17	20.26	21.70
		12	13	20.16	20.23	20.08	21.70
		25	0	20.36	20.35	20.37	21.70
	64QAM	1	0	20.48	20.45	20.48	21.70
		1	13	20.36	20.40	20.34	21.70
		1	24	20.41	20.25	20.25	21.70
		12	0	19.75	19.59	19.84	21.20
		12	6	20.10	19.89	20.01	21.20
		12	13	19.71	19.64	19.66	21.20
		25	0	19.90	19.89	19.84	21.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20800	21100	21400	
10MHz	QPSK	1	0	20.80	20.33	19.94	21.70
		1	25	20.51	20.53	20.08	21.70
		1	49	20.12	20.09	20.17	21.70
		25	0	20.12	19.98	20.16	21.70
		25	13	20.46	20.17	20.28	21.70
		25	25	20.00	19.96	20.09	21.70
		50	0	20.37	20.29	20.41	21.70



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	16QAM	1	0	20.25	20.91	20.31	21.70
		1	25	20.64	20.50	20.44	21.70
		1	49	20.71	20.73	20.24	21.70
		25	0	19.98	20.29	20.00	21.70
		25	13	20.44	20.37	20.26	21.70
		25	25	20.16	20.19	20.02	21.70
		50	0	20.36	20.32	20.33	21.70
	64QAM	1	0	20.34	20.57	20.55	21.70
		1	25	20.49	20.34	20.40	21.70
		1	49	20.36	20.21	20.33	21.70
		25	0	19.84	19.63	19.78	21.20
		25	13	19.98	19.83	19.86	21.20
		25	25	19.61	19.72	19.63	21.20
		50	0	20.07	19.88	19.81	21.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20825	21100	21375	
15MHz	QPSK	1	0	20.83	20.24	20.04	21.70
		1	38	20.66	20.52	20.09	21.70
		1	74	20.13	20.24	20.12	21.70
		36	0	20.30	19.98	20.32	21.70
		36	18	20.45	20.32	20.29	21.70
		36	39	19.95	19.96	20.10	21.70
		75	0	20.32	20.25	20.46	21.70
	16QAM	1	0	20.42	20.97	20.26	21.70
		1	38	20.56	20.37	20.42	21.70
		1	74	20.63	20.82	20.32	21.70
		36	0	19.94	20.26	19.94	21.70
		36	18	20.40	20.27	20.35	21.70
		36	39	20.15	20.16	20.02	21.70
		75	0	20.40	20.35	20.28	21.70
	64QAM	1	0	20.41	20.47	20.46	21.70
		1	38	20.44	20.35	20.42	21.70
		1	74	20.48	20.29	20.36	21.70
		36	0	19.70	19.60	19.85	21.20



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		36	18	19.98	19.97	19.88	21.20
		36	39	19.63	19.60	19.59	21.20
		75	0	19.94	19.77	19.97	21.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20850	21100	21350	
20MHz	QPSK	1	0	20.73	20.26	20.04	21.70
		1	50	20.59	20.54	20.15	21.70
		1	99	20.16	20.15	20.14	21.70
		50	0	20.21	20.08	20.23	21.70
		50	25	20.40	20.25	20.33	21.70
		50	50	19.99	20.03	20.15	21.70
		100	0	20.42	20.31	20.40	21.70
	16QAM	1	0	20.35	20.89	20.27	21.70
		1	50	20.61	20.45	20.42	21.70
		1	99	20.67	20.81	20.32	21.70
		50	0	19.98	20.21	20.04	21.70
		50	25	20.39	20.27	20.26	21.70
		50	50	20.17	20.22	20.07	21.70
		100	0	20.36	20.30	20.28	21.70
	64QAM	1	0	20.41	20.52	20.45	21.70
		1	50	20.39	20.44	20.44	21.70
		1	99	20.45	20.19	20.26	21.70
		50	0	19.77	19.54	19.76	21.20
		50	25	20.00	19.88	19.96	21.20
		50	50	19.67	19.69	19.62	21.20
		100	0	19.99	19.83	19.90	21.20



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LTE Band 38 State3/8				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37775	38000	38225	
5MHz	QPSK	1	0	21.57	21.51	21.41	22.70
		1	13	21.55	21.42	21.55	22.70
		1	24	21.48	21.41	21.42	22.70
		12	0	21.71	21.58	21.54	22.70
		12	6	21.74	21.58	21.54	22.70
		12	13	21.75	21.15	21.55	22.70
		25	0	21.71	21.52	21.58	22.70
	16QAM	1	0	21.69	21.59	21.59	22.70
		1	13	21.68	21.68	21.48	22.70
		1	24	21.48	21.65	21.62	22.70
		12	0	21.81	21.62	21.72	22.70
		12	6	21.81	21.57	21.68	22.70
		12	13	21.73	21.77	21.56	22.70
		25	0	21.75	21.64	21.67	22.70
	64QAM	1	0	21.47	21.55	21.56	22.70
		1	13	21.57	21.55	21.67	22.70
		1	24	21.52	21.57	21.35	22.70
		12	0	21.13	21.00	20.94	22.20
		12	6	21.02	20.84	20.90	22.20
		12	13	21.00	21.07	20.95	22.20
		25	0	21.11	20.99	20.86	22.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37800	38000	38200	
10MHz	QPSK	1	0	21.43	21.52	21.42	22.70
		1	25	21.60	21.59	21.40	22.70
		1	49	21.39	21.47	21.30	22.70
		25	0	21.67	21.64	21.56	22.70
		25	13	21.69	21.58	21.52	22.70
		25	25	21.77	21.21	21.53	22.70
		50	0	21.67	21.54	21.66	22.70



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	16QAM	1	0	21.60	21.64	21.47	22.70
		1	25	21.51	21.68	21.47	22.70
		1	49	21.59	21.70	21.60	22.70
		25	0	21.80	21.73	21.56	22.70
		25	13	21.66	21.61	21.52	22.70
		25	25	21.75	21.76	21.65	22.70
		50	0	21.85	21.63	21.67	22.70
	64QAM	1	0	21.56	21.67	21.47	22.70
		1	25	21.46	21.61	21.71	22.70
		1	49	21.49	21.49	21.33	22.70
		25	0	20.99	20.90	20.97	22.20
		25	13	21.08	21.01	20.88	22.20
		25	25	21.09	21.03	20.93	22.20
		50	0	20.97	21.01	20.79	22.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37825	38000	38175	
15MHz	QPSK	1	0	21.61	21.54	21.59	22.70
		1	38	21.60	21.55	21.39	22.70
		1	74	21.43	21.34	21.34	22.70
		36	0	21.83	21.65	21.69	22.70
		36	18	21.66	21.67	21.62	22.70
		36	39	21.65	21.26	21.71	22.70
		75	0	21.66	21.64	21.60	22.70
	16QAM	1	0	21.55	21.68	21.46	22.70
		1	38	21.48	21.64	21.53	22.70
		1	74	21.53	21.54	21.64	22.70
		36	0	21.83	21.73	21.60	22.70
		36	18	21.78	21.74	21.65	22.70
		36	39	21.70	21.67	21.64	22.70
		75	0	21.77	21.74	21.54	22.70
	64QAM	1	0	21.48	21.72	21.37	22.70
		1	38	21.51	21.48	21.53	22.70
		1	74	21.51	21.59	21.49	22.70
		36	0	21.04	21.02	20.92	22.20



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		36	18	21.10	20.86	20.96	22.20
		36	39	21.05	20.89	21.03	22.20
		75	0	21.03	20.95	20.79	22.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37850	38000	38150	
20MHz	QPSK	1	0	21.51	21.54	21.51	22.70
		1	50	21.53	21.49	21.47	22.70
		1	99	21.46	21.42	21.40	22.70
		50	0	21.74	21.66	21.60	22.70
		50	25	21.71	21.67	21.59	22.70
		50	50	21.67	21.24	21.63	22.70
		100	0	21.71	21.62	21.56	22.70
	16QAM	1	0	21.63	21.68	21.55	22.70
		1	50	21.58	21.63	21.53	22.70
		1	99	21.58	21.62	21.59	22.70
		50	0	21.74	21.66	21.63	22.70
		50	25	21.76	21.65	21.62	22.70
		50	50	21.74	21.72	21.65	22.70
		100	0	21.77	21.66	21.59	22.70
	64QAM	1	0	21.55	21.63	21.46	22.70
		1	50	21.50	21.58	21.62	22.70
		1	99	21.59	21.57	21.43	22.70
		50	0	21.06	20.98	20.93	22.20
		50	25	21.03	20.94	20.88	22.20
		50	50	21.02	20.98	20.96	22.20
		100	0	21.06	20.96	20.89	22.20



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LTE Band 38 State5/10				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37775	38000	38225	
5MHz	QPSK	1	0	23.84	23.81	23.76	25.20
		1	13	23.96	23.83	23.66	25.20
		1	24	23.79	23.80	23.62	25.20
		12	0	23.17	22.95	22.81	24.20
		12	6	23.13	23.02	23.00	24.20
		12	13	23.05	23.10	22.86	24.20
		25	0	23.01	23.02	22.96	24.20
	16QAM	1	0	23.06	23.11	22.87	24.20
		1	13	22.85	23.00	22.81	24.20
		1	24	22.75	22.82	22.70	24.20
		12	0	22.15	22.02	21.90	23.20
		12	6	22.16	21.95	21.96	23.20
		12	13	22.12	22.13	22.06	23.20
		25	0	21.92	22.00	21.93	23.20
	64QAM	1	0	21.97	21.92	21.76	23.20
		1	13	21.91	21.86	21.98	23.20
		1	24	21.88	21.83	21.68	23.20
		12	0	21.12	20.56	20.94	22.20
		12	6	20.92	21.00	20.82	22.20
		12	13	21.07	20.90	20.93	22.20
		25	0	21.14	20.99	20.97	22.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37800	38000	38200	
10MHz	QPSK	1	0	23.81	23.87	23.68	25.20
		1	25	23.78	23.92	23.75	25.20
		1	49	23.71	23.86	23.70	25.20
		25	0	23.13	23.01	22.94	24.20
		25	13	22.95	22.95	22.94	24.20
		25	25	23.01	23.04	23.00	24.20



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		50	0	23.01	23.03	22.96	24.20
		1	0	23.09	23.06	22.94	24.20
		1	25	22.86	23.12	22.86	24.20
		1	49	22.75	22.99	22.70	24.20
	16QAM	25	0	22.00	22.08	21.86	23.20
		25	13	22.13	21.89	21.88	23.20
		25	25	22.12	22.05	22.06	23.20
		50	0	22.04	21.90	21.82	23.20
		1	0	22.11	21.91	21.76	23.20
		1	25	21.82	21.88	21.90	23.20
		1	49	21.98	21.80	21.73	23.20
	64QAM	25	0	21.04	20.48	21.02	22.20
		25	13	21.07	20.94	20.80	22.20
		25	25	20.95	20.96	20.89	22.20
		50	0	21.00	21.03	20.82	22.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37825	38000	38175	
		1	0	23.78	23.88	23.57	25.20
		1	38	23.96	23.84	23.69	25.20
		1	74	23.86	23.70	23.52	25.20
	QPSK	36	0	23.00	23.02	22.87	24.20
		36	18	23.11	22.92	22.98	24.20
		36	39	22.98	23.11	22.89	24.20
		75	0	23.10	23.03	22.92	24.20
		1	0	22.92	23.03	22.79	24.20
		1	38	22.85	23.04	22.81	24.20
		1	74	22.70	22.87	22.79	24.20
	16QAM	36	0	22.09	22.00	21.95	23.20
		36	18	22.02	21.89	22.00	23.20
		36	39	22.02	22.12	21.99	23.20
		75	0	22.12	21.97	21.83	23.20
		1	0	22.11	22.06	21.65	23.20
		1	38	21.77	21.89	21.92	23.20
	64QAM	1	74	21.85	21.98	21.84	23.20



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		36	0	21.04	20.40	20.95	22.20
		36	18	21.06	20.91	20.87	22.20
		36	39	21.07	21.04	20.95	22.20
		75	0	21.10	21.00	20.98	22.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37850	38000	38150	
20MHz	QPSK	1	0	23.88	23.85	23.67	25.20
		1	50	23.86	23.86	23.71	25.20
		1	99	23.76	23.76	23.60	25.20
		50	0	23.09	22.99	22.90	24.20
		50	25	23.04	23.01	22.91	24.20
		50	50	23.02	23.03	22.94	24.20
		100	0	23.01	22.98	22.87	24.20
	16QAM	1	0	23.00	23.08	22.86	24.20
		1	50	22.88	23.06	22.87	24.20
		1	99	22.71	22.89	22.70	24.20
		50	0	22.06	22.00	21.92	23.20
		50	25	22.10	21.97	21.92	23.20
		50	50	22.05	22.04	21.96	23.20
		100	0	22.02	21.97	21.90	23.20
	64QAM	1	0	22.01	21.98	21.68	23.20
		1	50	21.87	21.93	22.00	23.20
		1	99	21.88	21.90	21.77	23.20
		50	0	21.05	20.46	20.93	22.20
		50	25	21.00	20.99	20.87	22.20
		50	50	21.01	20.99	20.93	22.20
		100	0	21.06	20.94	20.89	22.20



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LTE Band 41 PC3 State3/8				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	21.44	21.78	21.59	21.78	21.48	22.70
		1	13	21.81	21.61	21.63	21.68	21.36	22.70
		1	24	21.63	21.54	21.75	21.77	21.45	22.70
		12	0	22.03	21.69	21.91	21.87	21.63	22.70
		12	6	22.07	21.95	22.03	21.92	21.6	22.70
		12	13	21.81	21.68	22.08	21.92	21.64	22.70
		25	0	22	21.95	21.89	21.97	21.71	22.70
	16QAM	1	0	21.92	21.94	21.89	21.78	21.59	22.70
		1	13	21.8	21.8	21.95	21.65	21.64	22.70
		1	24	21.93	21.9	21.82	21.8	21.75	22.70
		12	0	21.68	21.79	21.93	21.94	21.64	22.70
		12	6	22.03	22.01	22.05	21.74	21.72	22.70
		12	13	21.65	21.81	21.93	21.93	21.81	22.70
		25	0	21.94	21.82	22.08	21.78	21.53	22.70
	64QAM	1	0	22.02	21.73	22.05	21.91	21.63	22.70
		1	13	21.86	21.72	21.87	21.87	21.58	22.70
		1	24	21.87	21.66	21.98	21.70	21.70	22.70
		12	0	20.94	20.96	21.24	21.12	20.83	22.20
		12	6	21.32	21.21	21.32	21.14	21.03	22.20
		12	13	20.99	20.86	21.19	21.02	21.04	22.20
		25	0	21.23	21.33	21.24	21.13	20.99	22.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39700	40160	40620	41080	41540	
10MHz	QPSK	1	0	21.43	21.77	21.58	21.75	21.35	22.70
		1	25	21.78	21.67	21.75	21.76	21.36	22.70
		1	49	21.74	21.43	21.58	21.71	21.43	22.70
		25	0	21.99	21.66	21.86	21.9	21.57	22.70
		25	13	21.96	22.02	21.95	21.88	21.67	22.70
		25	25	21.9	21.61	21.94	21.75	21.83	22.70
		50	0	21.91	21.98	21.88	21.82	21.75	22.70
	16QAM	1	0	21.87	22.02	22.04	21.78	21.52	22.70



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		1	25	21.79	21.83	22.07	21.74	21.65	22.70
		1	49	21.92	21.77	21.86	21.94	21.79	22.70
		25	0	21.76	21.88	21.94	21.83	21.59	22.70
		25	13	22.04	21.9	21.89	21.91	21.56	22.70
		25	25	21.72	21.67	21.99	21.78	21.65	22.70
		50	0	21.89	21.88	21.96	21.84	21.55	22.70
	64QAM	1	0	22.01	21.73	21.96	21.80	21.68	22.70
		1	25	21.75	21.67	21.78	21.85	21.55	22.70
		1	49	21.83	21.61	21.99	21.61	21.72	22.70
		25	0	21.09	21.01	21.24	21.02	20.95	22.20
		25	13	21.35	21.17	21.24	21.15	20.88	22.20
		25	25	21.00	20.80	21.23	21.11	20.92	22.20
		50	0	21.25	21.30	21.23	21.01	20.87	22.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39725	40173	40620	41068	41515	
15MHz	QPSK	1	0	21.48	21.7	21.63	21.84	21.32	22.70
		1	38	21.87	21.68	21.66	21.69	21.37	22.70
		1	74	21.65	21.51	21.67	21.65	21.44	22.70
		36	0	21.93	21.65	21.89	21.81	21.57	22.70
		36	18	22.03	21.96	22	21.91	21.69	22.70
		36	39	21.8	21.7	21.98	21.92	21.78	22.70
		75	0	21.96	21.96	21.92	21.93	21.68	22.70
	16QAM	1	0	21.89	22.03	21.95	21.87	21.55	22.70
		1	38	21.83	21.89	22.02	21.71	21.52	22.70
		1	74	21.86	21.81	21.93	21.91	21.78	22.70
		36	0	21.72	21.77	21.93	21.88	21.72	22.70
		36	18	21.98	21.92	21.96	21.85	21.63	22.70
		36	39	21.64	21.71	22.01	21.91	21.63	22.70
		75	0	21.88	21.84	22.04	21.81	21.66	22.70
	64QAM	1	0	21.97	21.83	22.05	21.77	21.64	22.70
		1	38	21.82	21.63	21.81	21.78	21.62	22.70
		1	74	21.83	21.56	22.01	21.73	21.75	22.70
		36	0	21.04	20.95	21.18	21.13	20.94	22.20
		36	18	21.25	21.26	21.28	21.03	20.87	22.20



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		36	39	21.06	20.86	21.22	21.06	20.87	22.20
		75	0	21.23	21.25	21.17	21.03	20.99	22.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39750	40185	40620	41055	41490	
20MHz	QPSK	1	0	21.57	21.67	21.74	21.79	21.43	22.70
		1	50	21.78	21.71	21.72	21.72	21.45	22.70
		1	99	21.65	21.58	21.76	21.66	21.46	22.70
		50	0	21.84	21.65	21.93	21.86	21.66	22.70
		50	25	21.96	21.91	21.97	21.85	21.61	22.70
		50	50	21.79	21.76	21.96	21.84	21.73	22.70
		100	0	21.94	21.96	21.95	21.87	21.67	22.70
	16QAM	1	0	21.84	21.93	21.94	21.84	21.6	22.70
		1	50	21.88	21.9	21.95	21.73	21.61	22.70
		1	99	21.89	21.79	21.91	21.84	21.69	22.70
		50	0	21.76	21.69	21.98	21.87	21.64	22.70
		50	25	21.95	21.98	21.99	21.83	21.63	22.70
		50	50	21.72	21.67	21.96	21.82	21.72	22.70
		100	0	21.97	21.95	21.99	21.8	21.57	22.70
	64QAM	1	0	21.88	21.91	21.99	21.87	21.69	22.70
		1	50	21.84	21.74	21.91	21.85	21.60	22.70
		1	99	21.80	21.65	21.74	21.67	21.65	22.70
		50	0	21.07	20.98	21.28	21.13	20.90	22.20
		50	25	21.21	21.19	21.25	21.09	20.95	22.20
		50	50	21.03	20.95	21.22	21.08	20.98	22.20
		100	0	21.23	21.23	21.26	21.12	20.92	22.20



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LTE Band 41 PC3 State5/10				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	24.08	23.94	24	24.15	23.98	25.20
		1	13	24.1	24.03	23.97	24	23.89	25.20
		1	24	23.96	24.09	24.12	24	23.83	25.20
		12	0	23.08	23.15	23.2	23.18	23.03	24.20
		12	6	23.33	23.27	23.16	23.15	23.01	24.20
		12	13	23.14	23.06	23.13	23.09	22.97	24.20
		25	0	23.32	23.27	23.35	23.06	22.86	24.20
	16QAM	1	0	23.15	23.06	23.27	23.26	22.95	24.20
		1	13	23.11	23.05	23.3	22.88	23.06	24.20
		1	24	23.16	22.96	23.1	23.02	22.9	24.20
		12	0	22.1	21.81	22.23	22.11	21.9	23.20
		12	6	22.17	22.21	22.28	22.04	21.95	23.20
		12	13	21.97	22.04	22.13	22	21.98	23.20
		25	0	22.35	22.17	22.34	22.15	21.98	23.20
	64QAM	1	0	22.09	22.20	22.23	22.03	21.90	23.20
		1	13	22.11	22.07	22.05	21.77	22.05	23.20
		1	24	22.10	22.12	22.13	21.92	22.14	23.20
		12	0	21.11	20.99	21.32	21.23	20.96	22.20
		12	6	21.12	21.26	21.35	21.00	20.85	22.20
		12	13	20.99	20.85	21.18	21.14	20.98	22.20
		25	0	21.20	21.11	21.21	21.05	20.90	22.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
10MHz	QPSK	1	0	24.1	24.08	23.87	24.15	24	25.20
		1	25	24.07	24	23.98	23.95	23.76	25.20
		1	49	24.03	24.08	24.08	23.94	23.81	25.20
		25	0	23.09	23.07	23.29	23.27	22.84	24.20
		25	13	23.2	23.12	23.23	23.07	22.89	24.20
		25	25	23.2	23.09	23.31	23.04	23.03	24.20
		50	0	23.22	23.11	23.33	23.07	22.83	24.20
	16QAM	1	0	23.19	23.2	23.14	23.27	23.05	24.20



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		1	25	23.22	23.06	23.41	22.92	23.07	24.20
		1	49	23.16	23.13	23.19	23.09	22.91	24.20
		25	0	22.14	21.86	22.28	22.15	21.96	23.20
		25	13	22.28	22.17	22.36	22.09	21.87	23.20
		25	25	22.08	22.02	22.24	22.12	21.94	23.20
		50	0	22.26	22.24	22.23	22.18	21.93	23.20
	64QAM	1	0	22.03	22.07	22.18	22.09	21.80	23.20
		1	25	22.12	22.23	22.20	21.79	22.04	23.20
		1	49	22.13	22.13	22.21	21.81	22.01	23.20
		25	0	21.05	20.82	21.26	21.18	20.87	22.20
		25	13	21.30	21.22	21.19	21.00	20.87	22.20
		25	25	21.11	20.89	21.17	20.99	20.87	22.20
		50	0	21.12	21.25	21.20	21.19	20.87	22.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39725	40173	40620	41068	41515	
15MHz	QPSK	1	0	24.17	24.05	23.86	24.09	23.91	25.20
		1	38	24.03	24.1	24.08	23.99	23.76	25.20
		1	74	23.99	23.92	24.04	23.97	23.74	25.20
		36	0	23.15	22.96	23.23	23.27	22.89	24.20
		36	18	23.22	23.19	23.2	23.21	22.98	24.20
		36	39	23.06	23.17	23.25	23.16	22.99	24.20
		75	0	23.19	23.29	23.31	23.13	22.92	24.20
	16QAM	1	0	23.19	23.23	23.15	23.27	23.02	24.20
		1	38	23.2	23.18	23.24	22.86	22.88	24.20
		1	74	23.08	23.04	23.04	22.9	22.92	24.20
		36	0	22.18	21.96	22.19	22.06	21.96	23.20
		36	18	22.27	22.18	22.34	22.19	21.98	23.20
		36	39	22.02	22.04	22.3	22.16	21.99	23.20
		75	0	22.17	22.16	22.33	21.97	21.85	23.20
	64QAM	1	0	22.06	22.26	22.27	22.03	21.86	23.20
		1	38	22.07	22.16	22.04	21.90	21.99	23.20
		1	74	22.07	22.01	22.04	21.83	22.11	23.20
		36	0	21.02	20.87	21.34	21.20	20.86	22.20
		36	18	21.29	21.32	21.26	20.97	20.80	22.20



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		36	39	20.94	20.95	21.26	21.02	21.04	22.20
		75	0	21.21	21.27	21.27	21.21	20.86	22.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39750	40185	40620	41055	41490	
20MHz	QPSK	1	0	24.09	24.04	23.89	24.1	23.92	25.20
		1	50	24.13	24.07	24.05	24.02	23.78	25.20
		1	99	24.03	24	24.04	24.01	23.81	25.20
		50	0	23.19	23.05	23.23	23.21	22.93	24.20
		50	25	23.26	23.18	23.25	23.13	22.92	24.20
		50	50	23.15	23.14	23.21	23.06	22.97	24.20
		100	0	23.24	23.21	23.24	23.11	22.93	24.20
	16QAM	1	0	23.15	23.12	23.2	23.24	22.98	24.20
		1	50	23.15	23.12	23.31	22.96	22.98	24.20
		1	99	23.17	23.07	23.11	22.98	22.89	24.20
		50	0	22.14	21.92	22.24	22.1	21.94	23.20
		50	25	22.23	22.2	22.26	22.15	21.94	23.20
		50	50	22	22.06	22.22	22.09	21.97	23.20
		100	0	22.28	22.19	22.24	22.07	21.93	23.20
	64QAM	1	0	22.08	22.16	22.16	22.05	21.91	23.20
		1	50	22.03	22.15	22.12	21.87	21.96	23.20
		1	99	22.05	22.03	22.10	21.84	22.04	23.20
		50	0	21.00	20.88	21.24	21.13	20.95	22.20
		50	25	21.24	21.23	21.26	21.07	20.91	22.20
		50	50	21.01	20.92	21.25	21.06	20.96	22.20
		100	0	21.23	21.21	21.25	21.09	20.89	22.20



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LTE Band 66 State3/8				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131979	132322	132665	
1.4MHz	QPSK	1	0	24.03	24.36	24.08	24.70
		1	2	24.16	24.22	24.06	24.70
		1	5	24.06	24.33	24.12	24.70
		3	0	24.13	24.23	24.18	24.70
		3	1	24.16	24.21	24.07	24.70
		3	3	24.06	24.17	24.05	24.70
		6	0	23.12	23.18	23.05	24.20
	16QAM	1	0	23.44	23.68	23.25	24.20
		1	2	23.51	23.51	23.39	24.20
		1	5	23.67	23.38	23.48	24.20
		3	0	23.32	23.33	23.02	24.20
		3	1	23.24	23.17	23.23	24.20
		3	3	23.23	23.35	23.21	24.20
		6	0	22.20	22.09	22.24	23.20
	64QAM	1	0	23.11	23.14	23.02	23.20
		1	2	23.07	23.08	22.92	23.20
		1	5	23.03	23.20	22.72	23.20
		3	0	23.13	23.04	23.16	23.20
		3	1	23.02	23.14	23.20	23.20
		3	3	23.04	23.10	22.91	23.20
		6	0	22.13	22.09	22.12	22.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131987	132322	132657	
3MHz	QPSK	1	0	23.41	23.76	23.38	24.70
		1	7	23.31	23.70	23.65	24.70
		1	14	23.50	23.60	23.14	24.70
		8	0	22.97	22.97	22.85	24.20
		8	4	23.10	22.97	23.14	24.20
		8	7	23.17	23.27	23.07	24.20
		15	0	23.14	22.94	22.95	24.20



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	16QAM	1	0	23.32	23.14	23.06	24.20
		1	7	23.31	23.49	23.12	24.20
		1	14	23.12	23.44	23.16	24.20
		8	0	21.93	22.06	21.88	23.20
		8	4	22.16	22.13	22.06	23.20
		8	7	22.17	22.17	21.96	23.20
		15	0	22.05	22.00	22.00	23.20
	64QAM	1	0	22.10	22.14	22.24	23.20
		1	7	22.28	22.26	22.06	23.20
		1	14	22.38	22.40	22.24	23.20
		8	0	20.96	20.95	21.01	22.20
		8	4	21.19	20.99	21.06	22.20
		8	7	21.20	21.18	21.11	22.20
		15	0	20.96	21.00	20.93	22.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131997	132322	132647	
5MHz	QPSK	1	0	23.41	23.80	23.30	24.70
		1	13	23.31	23.77	23.58	24.70
		1	24	23.49	23.61	23.18	24.70
		12	0	22.91	23.06	23.03	24.20
		12	6	23.17	23.14	23.10	24.20
		12	13	23.17	23.18	23.13	24.20
		25	0	22.96	23.02	22.94	24.20
	16QAM	1	0	23.28	23.15	23.03	24.20
		1	13	23.19	23.34	23.13	24.20
		1	24	23.18	23.58	23.24	24.20
		12	0	21.88	21.99	22.00	23.20
		12	6	22.14	21.99	22.17	23.20
		12	13	22.12	22.20	21.87	23.20
		25	0	22.05	22.07	21.97	23.20
	64QAM	1	0	22.25	22.11	22.26	23.20
		1	13	22.19	22.35	22.16	23.20
		1	24	22.33	22.33	22.23	23.20
		12	0	20.95	20.98	21.01	22.20



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		12	6	21.08	21.01	21.00	22.20
		12	13	21.23	21.13	21.05	22.20
		25	0	21.09	21.04	20.96	22.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132022	132322	132622	
10MHz	QPSK	1	0	23.38	23.67	23.28	24.70
		1	25	23.45	23.80	23.55	24.70
		1	49	23.48	23.60	23.00	24.70
		25	0	23.04	23.05	23.02	24.20
		25	13	23.15	22.97	22.98	24.20
		25	25	23.20	23.22	23.13	24.20
		50	0	23.05	22.90	23.13	24.20
	16QAM	1	0	23.34	23.28	23.05	24.20
		1	25	23.17	23.36	23.02	24.20
		1	49	23.23	23.52	23.05	24.20
		25	0	21.80	21.95	21.90	23.20
		25	13	22.07	22.08	22.16	23.20
		25	25	22.15	22.23	21.84	23.20
		50	0	22.11	21.94	21.98	23.20
	64QAM	1	0	22.23	22.26	22.24	23.20
		1	25	22.31	22.37	22.10	23.20
		1	49	22.30	22.39	22.17	23.20
		25	0	21.09	21.02	21.09	22.20
		25	13	21.06	21.02	21.16	22.20
		25	25	21.04	21.20	21.14	22.20
		50	0	21.05	21.00	20.95	22.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132047	132322	132597	
15MHz	QPSK	1	0	23.40	23.71	23.22	24.70
		1	38	23.30	23.65	23.56	24.70
		1	74	23.47	23.59	23.15	24.70
		36	0	23.00	23.03	22.96	24.20
		36	18	23.18	22.98	23.05	24.20
		36	39	23.18	23.10	23.06	24.20



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		75	0	23.16	23.04	22.93	24.20
		1	0	23.16	23.26	23.14	24.20
		1	38	23.29	23.30	23.10	24.20
		1	74	23.13	23.43	23.20	24.20
	16QAM	36	0	21.80	21.99	22.03	23.20
		36	18	22.18	22.00	22.03	23.20
		36	39	22.10	22.20	21.93	23.20
		75	0	22.11	22.05	22.01	23.20
		1	0	22.10	22.24	22.20	23.20
		1	38	22.26	22.26	22.17	23.20
		1	74	22.39	22.27	22.25	23.20
	64QAM	36	0	21.08	20.95	20.91	22.20
		36	18	21.18	21.03	21.12	22.20
		36	39	21.16	21.24	21.09	22.20
		75	0	21.14	21.17	20.92	22.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132072	132322	132572	
		1	0	23.40	23.72	23.32	24.70
		1	50	23.37	23.71	23.63	24.70
		1	99	23.51	23.66	23.10	24.70
	QPSK	50	0	22.99	23.04	22.93	24.20
		50	25	23.11	23.07	23.05	24.20
		50	50	23.10	23.20	23.09	24.20
		100	0	23.06	23.00	23.03	24.20
		1	0	23.26	23.20	23.06	24.20
		1	50	23.27	23.39	23.09	24.20
		1	99	23.18	23.52	23.15	24.20
	16QAM	50	0	21.88	22.04	21.96	23.20
		50	25	22.10	22.09	22.09	23.20
		50	50	22.13	22.14	21.93	23.20
		100	0	22.05	22.04	21.98	23.20
		1	0	22.20	22.20	22.26	23.20
	64QAM	1	50	22.25	22.30	22.10	23.20
		1	99	22.34	22.31	22.23	23.20



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	50	0	21.00	21.05	20.99	22.20
	50	25	21.09	21.05	21.06	22.20
	50	50	21.14	21.15	21.05	22.20
	100	0	21.05	21.07	20.96	22.20



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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	20.10	20.45	20.07	21.20
		1	2	20.09	20.26	20.15	21.20
		1	5	20.20	20.58	20.42	21.20
		3	0	20.08	20.17	19.97	21.20
		3	1	20.13	20.23	20.17	21.20
		3	3	20.31	20.14	20.17	21.20
		6	0	20.23	20.24	20.19	21.20
	16QAM	1	0	20.23	20.42	20.13	21.20
		1	2	20.57	20.25	20.52	21.20
		1	5	20.31	20.26	20.26	21.20
		3	0	19.99	20.02	20.08	21.20
		3	1	20.27	20.20	20.23	21.20
		3	3	20.20	20.38	20.26	21.20
		6	0	20.37	20.30	20.24	21.20
	64QAM	1	0	20.28	20.10	19.93	21.20
		1	2	20.32	19.93	20.23	21.20
		1	5	20.50	20.30	20.11	21.20
		3	0	20.15	20.10	19.88	21.20
		3	1	20.15	20.11	20.00	21.20
		3	3	20.21	20.20	19.96	21.20
		6	0	20.17	20.08	20.11	21.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131987	132322	132657	
3MHz	QPSK	1	0	19.63	19.87	19.74	21.20
		1	7	19.86	19.85	19.85	21.20
		1	14	19.77	20.24	20.06	21.20
		8	0	19.64	19.56	19.59	21.20
		8	4	19.73	19.65	19.64	21.20
		8	7	19.77	19.72	19.63	21.20
		15	0	19.73	19.74	19.63	21.20



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	16QAM	1	0	19.71	19.91	19.70	21.20
		1	7	20.12	19.87	20.03	21.20
		1	14	19.87	19.93	19.99	21.20
		8	0	19.63	19.67	19.57	21.20
		8	4	19.77	19.81	19.80	21.20
		8	7	19.85	19.90	19.88	21.20
		15	0	19.87	19.78	19.78	21.20
	64QAM	1	0	19.78	19.83	19.53	21.20
		1	7	19.97	19.66	19.81	21.20
		1	14	20.05	19.93	19.63	21.20
		8	0	19.75	19.67	19.53	21.20
		8	4	19.77	19.70	19.71	21.20
		8	7	19.78	19.87	19.66	21.20
		15	0	19.78	19.66	19.69	21.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131997	132322	132647	
5MHz	QPSK	1	0	19.57	19.86	19.78	21.20
		1	13	19.81	19.92	19.91	21.20
		1	24	19.80	20.29	20.00	21.20
		12	0	19.57	19.64	19.60	21.20
		12	6	19.68	19.66	19.70	21.20
		12	13	19.71	19.73	19.55	21.20
		25	0	19.63	19.74	19.69	21.20
	16QAM	1	0	19.75	19.90	19.65	21.20
		1	13	20.17	19.93	20.04	21.20
		1	24	19.86	19.95	19.96	21.20
		12	0	19.62	19.71	19.60	21.20
		12	6	19.78	19.82	19.82	21.20
		12	13	19.93	19.96	19.89	21.20
		25	0	19.88	19.83	19.82	21.20
	64QAM	1	0	19.81	19.77	19.59	21.20
		1	13	19.96	19.60	19.88	21.20
		1	24	19.98	19.95	19.63	21.20
		12	0	19.72	19.69	19.57	21.20



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		12	6	19.79	19.68	19.63	21.20
		12	13	19.71	19.89	19.66	21.20
		25	0	19.78	19.69	19.65	21.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132022	132322	132622	
10MHz	QPSK	1	0	19.81	20.16	19.74	21.20
		1	25	20.04	20.18	19.92	21.20
		1	49	20.06	20.23	20.04	21.20
		25	0	19.67	19.61	19.60	21.20
		25	13	19.76	19.68	19.71	21.20
		25	25	19.78	19.70	19.54	21.20
		50	0	19.68	19.75	19.70	21.20
	16QAM	1	0	19.73	19.97	19.66	21.20
		1	25	20.12	19.94	20.07	21.20
		1	49	19.85	19.96	19.91	21.20
		25	0	19.59	19.74	19.58	21.20
		25	13	19.84	19.79	19.78	21.20
		25	25	19.92	19.94	19.89	21.20
		50	0	19.93	19.83	19.75	21.20
	64QAM	1	0	19.79	19.74	19.60	21.20
		1	25	19.96	19.62	19.82	21.20
		1	49	19.98	19.95	19.66	21.20
		25	0	19.66	19.62	19.60	21.20
		25	13	19.78	19.73	19.67	21.20
		25	25	19.78	19.89	19.71	21.20
		50	0	19.77	19.68	19.71	21.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132047	132322	132597	
15MHz	QPSK	1	0	19.55	19.94	19.74	21.20
		1	38	19.80	19.90	19.91	21.20
		1	74	19.81	20.24	19.97	21.20
		36	0	19.61	19.60	19.56	21.20
		36	18	19.74	19.70	19.67	21.20
		36	39	19.74	19.75	19.55	21.20



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		75	0	19.73	19.68	19.67	21.20
	16QAM	1	0	19.77	19.90	19.72	21.20
		1	38	20.19	19.95	20.05	21.20
		1	74	19.92	19.92	19.93	21.20
		36	0	19.59	19.69	19.59	21.20
		36	18	19.78	19.77	19.74	21.20
		36	39	19.84	19.92	19.80	21.20
		75	0	19.92	19.87	19.73	21.20
		64QAM	1	0	19.81	19.76	19.63
	1		38	19.92	19.62	19.83	21.20
	1		74	20.04	19.87	19.68	21.20
	36		0	19.66	19.67	19.51	21.20
	36		18	19.74	19.68	19.62	21.20
	36		39	19.73	19.88	19.67	21.20
	75		0	19.78	19.64	19.61	21.20
	Bandwidth		Modulation	RB size	RB offset	Channel	Channel
132072		132322				132572	
20MHz	QPSK	1	0	19.58	19.89	19.75	21.20
		1	50	19.81	19.88	19.87	21.20
		1	99	19.98	20.26	20.11	21.20
		50	0	19.62	19.61	19.56	21.20
		50	25	19.71	19.68	19.59	21.20
		50	50	19.82	19.84	19.76	21.20
		100	0	19.68	19.71	19.66	21.20
	16QAM	1	0	19.75	19.92	19.70	21.20
		1	50	20.16	19.91	20.03	21.20
		1	99	19.89	19.91	19.95	21.20
		50	0	19.64	19.72	19.60	21.20
		50	25	19.82	19.78	19.77	21.20
		50	50	19.89	19.91	19.84	21.20
		100	0	19.88	19.82	19.78	21.20
	64QAM	1	0	19.82	19.78	19.58	21.20
		1	50	19.96	19.62	19.84	21.20
		1	99	20.02	19.91	19.65	21.20



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		50	0	19.71	19.64	19.55	21.20
		50	25	19.79	19.68	19.67	21.20
		50	50	19.73	19.85	19.66	21.20
		100	0	19.79	19.65	19.66	21.20



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4 Conducted Power of Main Antenna (Ant5)

4.1 Conducted Power of GSM

GSM 1900 State 3/5/8/10										
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	29.58	29.60	29.82	31.00	-9.19	20.39	20.41	20.63	21.81
GPRS (GMSK)	1 TX Slot	29.62	29.66	29.86	31.00	-9.19	20.43	20.47	20.67	21.81
	2 TX Slots	27.52	27.55	27.62	29.50	-6.18	21.34	21.37	21.44	23.32
	3 TX Slots	26.49	26.41	26.42	27.50	-4.42	22.07	21.99	22.00	23.08
	4 TX Slots	24.43	24.40	24.28	25.50	-3.17	21.26	21.23	21.11	22.33
EGPRS (GMSK)	1 TX Slot	29.65	29.65	29.77	31.00	-9.19	20.46	20.46	20.58	21.81
	2 TX Slots	27.56	27.52	26.52	29.50	-6.18	21.38	21.34	20.34	23.32
	3 TX Slots	26.59	26.45	26.74	27.50	-4.42	22.17	22.03	22.32	23.08
	4 TX Slots	24.41	24.41	23.59	25.50	-3.17	21.24	21.24	20.42	22.33
EGPRS (8PSK)	1 TX Slot	25.60	25.30	25.36	28.00	-9.19	16.41	16.11	16.17	18.81
	2 TX Slots	23.90	23.65	23.74	26.00	-6.18	17.72	17.47	17.56	19.82
	3 TX Slots	23.15	22.71	22.47	24.00	-4.42	18.73	18.29	18.05	19.58
	4 TX Slots	21.20	20.56	20.50	22.00	-3.17	18.03	17.39	17.33	18.83



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4.2 Conducted Power of WCDMA

WCDMA Band II State3/5/8/10					
Average Conducted Power(dBm)					
Channel		9262	9400	9538	Tune up
WCDMA	12.2kbps RMC	22.81	22.87	22.82	24.00
	12.2kbps AMR	22.79	22.84	22.80	24.00
HSDPA	Subtest 1	22.05	22.03	22.14	24.00
	Subtest 2	22.06	22.01	22.16	24.00
	Subtest 3	21.59	21.54	21.65	23.50
	Subtest 4	21.55	21.56	21.62	23.50
HSUPA	Subtest 1	22.10	22.03	22.22	24.00
	Subtest 2	20.12	20.00	20.16	22.00
	Subtest 3	21.13	21.19	21.13	23.00
	Subtest 4	20.12	20.02	20.18	22.00
	Subtest 5	22.10	22.01	22.14	24.00
DC-HSDPA	Subtest 1	22.19	22.10	22.33	24.00
	Subtest 2	22.15	22.08	22.25	24.00
	Subtest 3	21.67	21.62	21.65	23.50
	Subtest 4	21.64	21.61	21.78	23.50
HSPA+	16QAM	20.69	20.71	20.78	22.00

WCDMA Band IV State3/8					
Average Conducted Power(dBm)					
Channel		1312	1412	1513	Tune up
WCDMA	12.2kbps RMC	22.27	22.35	22.42	23.70
	12.2kbps AMR	22.25	22.32	22.38	23.70
HSDPA	Subtest 1	21.79	21.79	21.72	23.70
	Subtest 2	21.77	21.77	21.71	23.70
	Subtest 3	21.28	21.25	21.21	23.20
	Subtest 4	21.31	21.20	21.21	23.20
HSUPA	Subtest 1	21.75	21.74	21.78	23.70
	Subtest 2	19.73	19.70	19.75	21.70
	Subtest 3	20.71	20.79	20.75	22.70
	Subtest 4	19.79	19.79	19.81	21.70
	Subtest 5	21.71	21.76	21.79	23.70
DC-HSDPA	Subtest 1	21.93	21.93	21.86	23.70
	Subtest 2	21.77	21.95	21.79	23.70
	Subtest 3	21.31	21.31	21.35	23.20



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	Subtest 4	21.51	21.30	21.38	23.20
HSPA+	16QAM	19.75	19.76	19.73	21.70



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WCDMA Band IV State5/10					
Average Conducted Power(dBm)					
Channel		1312	1412	1513	Tune up
WCDMA	12.2kbps RMC	23.76	23.80	23.87	25.20
	12.2kbps AMR	23.75	23.78	23.81	25.20
HSDPA	Subtest 1	23.28	23.22	23.28	25.20
	Subtest 2	23.20	23.20	23.29	25.20
	Subtest 3	22.71	22.79	22.78	24.70
	Subtest 4	22.70	22.70	22.78	24.70
HSUPA	Subtest 1	23.22	23.25	23.29	25.20
	Subtest 2	21.26	21.23	21.21	23.20
	Subtest 3	22.21	22.26	22.24	24.20
	Subtest 4	21.22	21.26	21.22	23.20
	Subtest 5	23.20	23.25	23.25	25.20
DC-HSDPA	Subtest 1	23.41	23.36	23.35	25.20
	Subtest 2	23.34	23.23	23.46	25.20
	Subtest 3	22.82	22.94	22.81	24.70
	Subtest 4	22.70	22.72	22.93	24.70
HSPA+	16QAM	21.23	21.22	21.21	23.20



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4.3 Conducted Power of LTE

LTE Band 2 State3/5/8/10				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18607	18900	19193	
1.4MHz	QPSK	1	0	22.47	22.48	22.70	24.00
		1	2	22.73	22.63	22.75	24.00
		1	5	22.49	22.46	22.97	24.00
		3	0	22.82	22.70	22.90	24.00
		3	2	22.57	22.14	22.91	24.00
		3	3	22.49	22.56	22.85	24.00
		6	0	21.66	21.72	21.88	23.00
	16QAM	1	0	21.77	21.41	22.15	23.00
		1	2	21.64	21.94	21.84	23.00
		1	5	21.73	21.66	21.82	23.00
		3	0	21.75	21.63	21.79	23.00
		3	2	21.51	21.69	21.81	23.00
		3	3	21.67	21.74	21.98	23.00
		6	0	20.50	20.64	20.99	22.00
	64QAM	1	0	21.76	21.55	21.72	22.00
		1	2	21.67	21.32	21.81	22.00
		1	5	21.10	21.78	21.63	22.00
		3	0	21.58	21.87	21.96	22.00
		3	2	21.45	21.80	21.76	22.00
		3	3	21.59	21.32	21.90	22.00
		6	0	20.56	20.72	20.89	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18615	18900	19185	
3MHz	QPSK	1	0	22.31	22.45	22.52	24.00
		1	7	22.45	22.87	22.54	24.00
		1	14	22.88	22.46	22.96	24.00
		8	0	21.55	21.50	21.62	23.00
		8	4	21.53	21.54	21.60	23.00
		8	7	21.48	21.61	21.76	23.00
		15	0	21.50	21.57	21.64	23.00



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	16QAM	1	0	21.62	21.94	21.95	23.00
		1	7	21.68	21.90	21.80	23.00
		1	14	21.76	21.76	21.78	23.00
		8	0	20.48	20.50	20.64	22.00
		8	4	20.47	20.47	20.59	22.00
		8	7	20.42	20.67	20.67	22.00
		15	0	20.92	20.41	20.63	22.00
	64QAM	1	0	20.53	20.73	20.81	22.00
		1	7	20.68	20.66	20.78	22.00
		1	14	20.56	20.49	20.70	22.00
		8	0	19.57	19.47	19.53	21.00
		8	4	19.63	19.60	19.52	21.00
		8	7	19.62	19.70	19.85	21.00
		15	0	19.62	19.44	19.54	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18625	18900	19175	
5MHz	QPSK	1	0	22.29	22.51	22.36	24.00
		1	13	22.53	22.69	22.52	24.00
		1	24	22.87	22.45	23.00	24.00
		12	0	21.51	21.50	21.64	23.00
		12	6	21.62	21.62	21.70	23.00
		12	13	21.43	21.65	21.70	23.00
		25	0	21.66	21.58	21.67	23.00
	16QAM	1	0	21.71	21.81	21.83	23.00
		1	13	21.80	21.81	21.67	23.00
		1	24	21.76	21.78	21.78	23.00
		12	0	20.61	20.61	20.59	22.00
		12	6	20.63	20.44	20.62	22.00
		12	13	20.56	20.58	20.63	22.00
		25	0	20.92	20.50	20.57	22.00
	64QAM	1	0	20.62	20.78	20.76	22.00
		1	13	20.63	20.77	20.63	22.00
		1	24	20.58	20.63	20.75	22.00
		12	0	19.59	19.55	19.68	21.00
		12	6	19.60	19.62	19.57	21.00
		12	13	19.71	19.54	19.80	21.00



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		25	0	19.51	19.51	19.47	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18650	18900	19150	
10MHz	QPSK	1	0	22.30	22.56	22.41	24.00
		1	25	22.52	22.84	22.68	24.00
		1	49	22.77	22.45	23.08	24.00
		25	0	21.41	21.61	21.60	23.00
		25	13	21.54	21.61	21.57	23.00
		25	25	21.46	21.62	21.63	23.00
		50	0	21.57	21.58	21.60	23.00
	16QAM	1	0	21.59	21.83	21.93	23.00
		1	25	21.85	21.81	21.72	23.00
		1	49	21.64	21.63	21.77	23.00
		25	0	20.61	20.61	20.64	22.00
		25	13	20.54	20.46	20.71	22.00
		25	25	20.43	20.59	20.73	22.00
		50	0	20.73	20.46	20.75	22.00
	64QAM	1	0	20.69	20.79	20.76	22.00
		1	25	20.56	20.62	20.75	22.00
		1	49	20.74	20.53	20.83	22.00
		25	0	19.60	19.48	19.51	21.00
		25	13	19.64	19.53	19.53	21.00
		25	25	19.68	19.57	19.89	21.00
		50	0	19.55	19.50	19.45	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18675	18900	19125	
15MHz	QPSK	1	0	22.41	22.50	22.36	24.00
		1	38	22.34	22.77	22.55	24.00
		1	74	22.75	22.50	23.02	24.00
		36	0	21.48	21.55	21.75	23.00
		36	18	21.48	21.54	21.67	23.00
		36	39	21.44	21.59	21.77	23.00
		75	0	21.67	21.64	21.60	23.00
	16QAM	1	0	21.74	21.91	21.79	23.00
		1	38	21.69	21.82	21.69	23.00
		1	74	21.56	21.73	21.78	23.00



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		36	0	20.44	20.51	20.70	22.00
		36	18	20.65	20.59	20.74	22.00
		36	39	20.55	20.75	20.67	22.00
		75	0	20.92	20.58	20.68	22.00
	64QAM	1	0	20.63	20.77	20.74	22.00
		1	38	20.67	20.77	20.66	22.00
		1	74	20.55	20.50	20.87	22.00
		36	0	19.61	19.54	19.60	21.00
		36	18	19.58	19.60	19.55	21.00
		36	39	19.61	19.67	19.79	21.00
		75	0	19.60	19.46	19.57	21.00
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
					18700	18900	19100
							Tune up
20MHz	QPSK	1	0	22.32	22.50	22.46	24.00
		1	50	22.43	22.77	22.58	24.00
		1	99	22.83	22.44	23.04	24.00
		50	0	21.48	21.51	21.67	23.00
		50	25	21.53	21.53	21.63	23.00
		50	50	21.53	21.60	21.72	23.00
		100	0	21.57	21.61	21.69	23.00
	16QAM	1	0	21.65	21.89	21.86	23.00
		1	50	21.75	21.83	21.77	23.00
		1	99	21.66	21.70	21.73	23.00
		50	0	20.53	20.55	20.63	22.00
		50	25	20.57	20.51	20.69	22.00
		50	50	20.48	20.67	20.70	22.00
		100	0	20.82	20.49	20.67	22.00
	64QAM	1	0	20.60	20.70	20.78	22.00
		1	50	20.62	20.71	20.71	22.00
		1	99	20.64	20.54	20.79	22.00
		50	0	19.52	19.55	19.58	21.00
		50	25	19.54	19.60	19.57	21.00
		50	50	19.63	19.60	19.79	21.00
		100	0	19.55	19.48	19.52	21.00



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LTE Band 4 State3/5/8/10				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19957	20175	20393	
1.4MHz	QPSK	1	0	23.69	23.74	23.83	25.20
		1	2	23.81	23.85	23.91	25.20
		1	5	23.89	24.01	23.97	25.20
		3	0	23.81	23.92	24.00	25.20
		3	2	23.81	23.84	23.90	25.20
		3	3	23.99	23.93	23.82	25.20
		6	0	22.84	22.83	22.85	24.20
	16QAM	1	0	22.97	23.15	23.29	24.20
		1	2	23.24	23.21	23.28	24.20
		1	5	22.94	23.11	23.26	24.20
		3	0	22.82	23.03	22.94	24.20
		3	2	22.91	22.99	22.99	24.20
		3	3	23.04	23.12	23.09	24.20
		6	0	21.89	21.98	21.99	23.20
	64QAM	1	0	22.93	22.74	23.01	23.20
		1	2	22.81	23.06	23.03	23.20
		1	5	22.85	22.96	22.94	23.20
		3	0	22.58	22.91	22.93	23.20
		3	2	22.92	22.81	22.95	23.20
		3	3	22.92	23.04	22.90	23.20
		6	0	21.84	21.90	21.90	22.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19965	20175	20385	
3MHz	QPSK	1	0	23.65	23.62	23.41	25.20
		1	7	23.75	23.70	24.07	25.20
		1	14	23.86	23.87	23.96	25.20
		8	0	22.71	22.56	22.66	24.20
		8	4	22.81	22.64	22.85	24.20
		8	7	22.85	22.82	22.85	24.20
		15	0	22.73	22.64	22.92	24.20
	16QAM	1	0	22.76	23.00	23.25	24.20
		1	7	22.78	22.81	23.03	24.20



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		1	14	22.99	22.70	23.04	24.20
		8	0	21.61	21.83	21.72	23.20
		8	4	21.82	21.67	21.86	23.20
		8	7	21.86	21.82	21.87	23.20
		15	0	21.73	21.81	21.76	23.20
	64QAM	1	0	21.92	22.05	21.98	23.20
		1	7	21.94	22.19	21.95	23.20
		1	14	21.90	21.95	22.12	23.20
		8	0	20.63	20.70	20.66	22.20
		8	4	20.84	20.75	20.73	22.20
		8	7	20.81	20.93	20.95	22.20
		15	0	20.62	20.73	20.73	22.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19975	20175	20375	
5MHz	QPSK	1	0	23.66	23.60	23.45	25.20
		1	13	23.66	23.63	24.17	25.20
		1	24	23.86	23.69	24.11	25.20
		12	0	22.62	22.75	22.84	24.20
		12	6	22.74	22.81	22.73	24.20
		12	13	22.87	22.85	22.79	24.20
		25	0	22.73	22.63	22.76	24.20
	16QAM	1	0	22.71	22.98	23.10	24.20
		1	13	22.83	22.79	23.04	24.20
		1	24	23.12	22.84	22.87	24.20
		12	0	21.77	21.88	21.81	23.20
		12	6	21.72	21.69	21.91	23.20
		12	13	21.86	21.89	21.94	23.20
		25	0	21.71	21.83	21.80	23.20
	64QAM	1	0	21.98	21.94	22.07	23.20
		1	13	21.95	22.23	22.01	23.20
		1	24	22.05	22.13	22.12	23.20
		12	0	20.57	20.63	20.63	22.20
		12	6	20.72	20.75	20.74	22.20
		12	13	20.76	20.92	20.90	22.20
		25	0	20.75	20.76	20.76	22.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up



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				20000	20175	20350	
10MHz	QPSK	1	0	23.56	23.46	23.45	25.20
		1	25	23.63	23.60	24.07	25.20
		1	49	23.79	23.78	23.94	25.20
		25	0	22.59	22.62	22.69	24.20
		25	13	22.67	22.82	22.78	24.20
		25	25	22.83	22.82	22.92	24.20
		50	0	22.75	22.72	22.75	24.20
	16QAM	1	0	22.63	22.98	23.10	24.20
		1	25	22.83	22.83	22.96	24.20
		1	49	23.11	22.89	22.92	24.20
		25	0	21.74	21.82	21.80	23.20
		25	13	21.66	21.77	21.77	23.20
		25	25	21.76	21.83	21.91	23.20
		50	0	21.84	21.74	21.87	23.20
	64QAM	1	0	21.84	21.93	22.04	23.20
		1	25	21.87	22.12	21.97	23.20
		1	49	21.94	21.98	22.13	23.20
		25	0	20.71	20.62	20.75	22.20
		25	13	20.68	20.84	20.78	22.20
		25	25	20.77	20.74	20.88	22.20
		50	0	20.65	20.69	20.76	22.20
Bandwidth	Modulation	RB size	RB offset	Channel 20025	Channel 20175	Channel 20325	Tune up
15MHz	QPSK	1	0	23.61	23.62	23.50	25.20
		1	38	23.71	23.73	23.99	25.20
		1	74	23.93	23.85	24.07	25.20
		36	0	22.57	22.72	22.69	24.20
		36	18	22.76	22.64	22.88	24.20
		36	39	22.73	22.99	22.78	24.20
		75	0	22.78	22.71	22.77	24.20
	16QAM	1	0	22.78	22.88	23.20	24.20
		1	38	22.69	22.84	23.00	24.20
		1	74	23.13	22.87	22.95	24.20
		36	0	21.73	21.72	21.67	23.20
		36	18	21.81	21.65	21.77	23.20



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	64QAM	36	39	21.82	21.95	21.94	23.20
		75	0	21.77	21.73	21.72	23.20
		1	0	21.92	22.09	21.94	23.20
		1	38	21.84	22.24	21.98	23.20
		1	74	22.01	22.14	22.02	23.20
		36	0	20.61	20.70	20.81	22.20
		36	18	20.69	20.72	20.75	22.20
		36	39	20.79	20.87	20.93	22.20
		75	0	20.66	20.79	20.84	22.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20050	20175	20300	
20MHz	QPSK	1	0	23.56	23.53	23.46	25.20
		1	50	23.67	23.64	24.08	25.20
		1	99	23.85	23.78	24.03	25.20
		50	0	22.65	22.66	22.74	24.20
		50	25	22.75	22.74	22.79	24.20
		50	50	22.78	22.85	22.89	24.20
		100	0	22.78	22.69	22.83	24.20
	16QAM	1	0	22.73	22.91	23.20	24.20
		1	50	22.79	22.82	23.03	24.20
		1	99	23.07	22.79	22.94	24.20
		50	0	21.67	21.78	21.72	23.20
		50	25	21.72	21.72	21.83	23.20
		50	50	21.76	21.87	21.86	23.20
		100	0	21.75	21.82	21.77	23.20
	64QAM	1	0	21.91	22.02	22.03	23.20
		1	50	21.85	22.14	21.99	23.20
		1	99	21.95	22.05	22.03	23.20
		50	0	20.67	20.68	20.73	22.20
		50	25	20.75	20.78	20.78	22.20
		50	50	20.83	20.84	20.90	22.20
		100	0	20.69	20.79	20.81	22.20



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LTE Band 7 State3/8				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20775	21100	21425	
5MHz	QPSK	1	0	21.94	22.15	22.07	23.20
		1	13	21.99	22.18	22.14	23.20
		1	24	22.08	22.18	22.01	23.20
		12	0	21.62	21.46	21.68	23.20
		12	6	21.81	21.57	21.63	23.20
		12	13	21.68	21.42	21.44	23.20
		25	0	21.81	21.58	21.53	23.20
	16QAM	1	0	22.04	21.87	21.82	23.20
		1	13	21.91	22.14	22.03	23.20
		1	24	21.86	21.90	22.13	23.20
		12	0	20.40	20.25	20.30	22.20
		12	6	20.80	20.71	20.63	22.20
		12	13	20.43	20.46	20.55	22.20
		25	0	20.76	20.58	20.70	22.20
	64QAM	1	0	20.87	20.63	21.03	22.20
		1	13	20.95	21.07	20.89	22.20
		1	24	20.74	20.57	20.88	22.20
		12	0	19.44	19.26	19.53	21.20
		12	6	19.71	19.53	19.90	21.20
		12	13	19.28	19.62	19.60	21.20
		25	0	19.86	19.71	19.92	21.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20800	21100	21400	
10MHz	QPSK	1	0	21.95	22.03	22.07	23.20
		1	25	22.14	22.10	22.17	23.20
		1	49	22.07	22.20	22.01	23.20
		25	0	21.50	21.42	21.49	23.20
		25	13	21.75	21.54	21.52	23.20
		25	25	21.63	21.41	21.53	23.20
		50	0	21.91	21.65	21.61	23.20
	16QAM	1	0	22.03	21.90	21.89	23.20
		1	25	21.90	22.14	22.05	23.20



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		1	49	21.83	21.98	22.15	23.20
		25	0	20.25	20.30	20.34	22.20
		25	13	20.91	20.60	20.63	22.20
		25	25	20.30	20.47	20.53	22.20
		50	0	20.75	20.52	20.62	22.20
	64QAM	1	0	21.01	20.70	21.01	22.20
		1	25	20.84	20.92	20.93	22.20
		1	49	20.77	20.58	21.00	22.20
		25	0	19.47	19.41	19.52	21.20
		25	13	19.72	19.60	19.86	21.20
		25	25	19.35	19.72	19.53	21.20
		50	0	19.76	19.54	19.83	21.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20825	21100	21375	
15MHz	QPSK	1	0	22.00	22.12	22.15	23.20
		1	38	22.12	22.12	22.17	23.20
		1	74	22.08	22.15	22.04	23.20
		36	0	21.56	21.47	21.48	23.20
		36	18	21.82	21.53	21.68	23.20
		36	39	21.65	21.59	21.38	23.20
		75	0	21.92	21.58	21.61	23.20
	16QAM	1	0	22.12	21.89	21.97	23.20
		1	38	21.86	22.05	21.97	23.20
		1	74	21.87	22.04	22.13	23.20
		36	0	20.33	20.23	20.31	22.20
		36	18	20.79	20.58	20.49	22.20
		36	39	20.45	20.44	20.61	22.20
		75	0	20.80	20.66	20.58	22.20
	64QAM	1	0	20.85	20.65	21.08	22.20
		1	38	20.89	21.02	21.02	22.20
		1	74	20.62	20.62	20.81	22.20
		36	0	19.47	19.37	19.56	21.20
		36	18	19.70	19.51	19.93	21.20
		36	39	19.28	19.55	19.50	21.20
		75	0	19.74	19.59	19.87	21.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up



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				20850	21100	21350	
20MHz	QPSK	1	0	22.03	22.12	22.02	23.20
		1	50	22.05	22.10	22.09	23.20
		1	99	22.05	22.19	22.17	23.20
		50	0	21.51	21.57	21.56	23.20
		50	25	21.62	21.82	21.71	23.20
		50	50	21.49	21.65	21.43	23.20
		100	0	21.86	21.68	21.58	23.20
	16QAM	1	0	22.08	21.83	21.87	23.20
		1	50	21.90	22.09	22.07	23.20
		1	99	21.82	21.97	22.07	23.20
		50	0	20.32	20.30	20.37	22.20
		50	25	20.81	20.61	20.57	22.20
		50	50	20.37	20.54	20.63	22.20
		100	0	20.78	20.60	20.63	22.20
	64QAM	1	0	20.95	20.71	21.07	22.20
		1	50	20.90	21.02	20.96	22.20
		1	99	20.70	20.58	20.91	22.20
		50	0	19.41	19.35	19.53	21.20
		50	25	19.73	19.59	19.87	21.20
		50	50	19.35	19.64	19.56	21.20
		100	0	19.79	19.63	19.88	21.20



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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	22.89	22.35	22.83	24.20
		1	13	23.30	22.43	23.01	24.20
		1	24	22.49	22.53	22.98	24.20
		12	0	21.31	21.35	21.79	23.20
		12	6	21.85	21.63	21.85	23.20
		12	13	21.60	21.65	21.63	23.20
		25	0	21.74	21.59	21.88	23.20
	16QAM	1	0	22.04	22.38	21.94	23.20
		1	13	21.80	21.76	21.99	23.20
		1	24	21.84	21.62	21.98	23.20
		12	0	20.37	20.47	20.78	22.20
		12	6	20.81	20.64	20.89	22.20
		12	13	20.54	20.32	20.74	22.20
		25	0	20.86	20.69	20.86	22.20
	64QAM	1	0	20.82	20.77	21.01	22.20
		1	13	20.74	20.73	21.17	22.20
		1	24	20.73	20.69	20.87	22.20
		12	0	19.48	19.24	19.58	21.20
		12	6	19.68	19.67	19.91	21.20
		12	13	19.41	19.29	19.58	21.20
		25	0	19.74	19.60	19.79	21.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20800	21100	21400	
10MHz	QPSK	1	0	22.82	22.32	22.85	24.20
		1	25	23.19	22.39	23.01	24.20
		1	49	22.32	22.51	22.99	24.20
		25	0	21.49	21.49	21.69	23.20
		25	13	21.82	21.67	21.87	23.20
		25	25	21.78	21.65	21.52	23.20
		50	0	21.79	21.58	21.96	23.20
	16QAM	1	0	21.87	22.42	22.10	23.20
		1	25	21.76	21.84	21.85	23.20



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		1	49	21.82	21.66	21.98	23.20
		25	0	20.40	20.32	20.69	22.20
		25	13	20.77	20.65	20.85	22.20
		25	25	20.57	20.42	20.66	22.20
		50	0	20.71	20.58	20.86	22.20
	64QAM	1	0	20.90	20.82	21.00	22.20
		1	25	20.81	20.62	21.14	22.20
		1	49	20.80	20.78	20.89	22.20
		25	0	19.50	19.38	19.57	21.20
		25	13	19.68	19.55	19.90	21.20
		25	25	19.39	19.35	19.41	21.20
		50	0	19.73	19.76	19.96	21.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20825	21100	21375	
15MHz	QPSK	1	0	22.82	22.29	22.83	24.20
		1	38	23.32	22.48	23.09	24.20
		1	74	22.38	22.56	23.01	24.20
		36	0	21.43	21.46	21.72	23.20
		36	18	21.73	21.56	21.81	23.20
		36	39	21.63	21.64	21.57	23.20
		75	0	21.86	21.47	21.77	23.20
	16QAM	1	0	21.89	22.38	22.01	23.20
		1	38	21.84	21.81	21.85	23.20
		1	74	21.91	21.73	21.97	23.20
		36	0	20.40	20.35	20.64	22.20
		36	18	20.65	20.55	20.85	22.20
		36	39	20.45	20.37	20.80	22.20
		75	0	20.81	20.62	20.81	22.20
	64QAM	1	0	20.79	20.76	20.98	22.20
		1	38	20.76	20.74	21.13	22.20
		1	74	20.81	20.65	20.83	22.20
		36	0	19.52	19.31	19.49	21.20
		36	18	19.68	19.60	19.88	21.20
		36	39	19.36	19.35	19.43	21.20
		75	0	19.78	19.68	19.80	21.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up



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				20850	21100	21350	
20MHz	QPSK	1	0	22.87	22.35	22.75	24.20
		1	50	23.24	22.54	23.05	24.20
		1	99	22.41	22.49	23.02	24.20
		50	0	21.40	21.41	21.71	23.20
		50	25	21.87	21.63	21.77	23.20
		50	50	21.68	21.60	21.60	23.20
		100	0	21.78	21.53	21.87	23.20
	16QAM	1	0	21.97	22.33	22.03	23.20
		1	50	21.81	21.81	21.89	23.20
		1	99	21.87	21.65	22.05	23.20
		50	0	20.43	20.39	20.70	22.20
		50	25	20.74	20.55	20.81	22.20
		50	50	20.51	20.41	20.76	22.20
		100	0	20.79	20.62	20.90	22.20
	64QAM	1	0	20.85	20.72	20.93	22.20
		1	50	20.82	20.70	21.08	22.20
		1	99	20.71	20.72	20.93	22.20
		50	0	19.43	19.28	19.57	21.20
		50	25	19.75	19.60	19.85	21.20
		50	50	19.43	19.30	19.48	21.20
		100	0	19.73	19.68	19.88	21.20



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LTE Band 38 State3/8				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37775	38000	38225	
5MHz	QPSK	1	0	23.10	23.21	23.10	24.70
		1	13	23.26	23.26	23.11	24.70
		1	24	23.14	23.23	22.99	24.70
		12	0	22.91	22.78	22.84	24.20
		12	6	23.04	22.77	22.72	24.20
		12	13	23.01	22.93	22.71	24.20
		25	0	23.10	22.77	22.72	24.20
	16QAM	1	0	23.13	22.68	22.90	24.20
		1	13	23.03	22.74	22.64	24.20
		1	24	22.64	22.69	22.47	24.20
		12	0	22.02	21.92	21.71	23.20
		12	6	22.04	21.84	21.58	23.20
		12	13	21.45	21.84	21.78	23.20
		25	0	21.99	21.88	21.74	23.20
	64QAM	1	0	21.80	21.64	21.54	23.20
		1	13	21.81	21.71	21.62	23.20
		1	24	21.82	21.61	21.34	23.20
		12	0	21.03	20.83	20.66	22.20
		12	6	21.11	20.80	20.72	22.20
		12	13	20.83	20.84	20.61	22.20
		25	0	20.91	20.68	20.74	22.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37800	38000	38200	
10MHz	QPSK	1	0	23.25	23.35	22.97	24.70
		1	25	23.30	23.31	23.09	24.70
		1	49	23.15	22.96	22.95	24.70
		25	0	23.03	22.88	22.69	24.20
		25	13	22.89	22.74	22.71	24.20
		25	25	22.97	22.73	22.72	24.20
		50	0	22.98	22.72	22.70	24.20
	16QAM	1	0	23.07	22.72	22.86	24.20
		1	25	23.04	22.72	22.59	24.20



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		1	49	22.66	22.59	22.53	24.20
		25	0	22.11	21.88	21.81	23.20
		25	13	21.96	21.84	21.72	23.20
		25	25	21.45	21.81	21.74	23.20
		50	0	21.98	21.82	21.79	23.20
	64QAM	1	0	21.89	21.72	21.59	23.20
		1	25	21.97	21.60	21.57	23.20
		1	49	21.66	21.55	21.32	23.20
		25	0	20.95	20.88	20.67	22.20
		25	13	21.01	20.86	20.74	22.20
		25	25	20.95	20.88	20.71	22.20
		50	0	20.98	20.85	20.64	22.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37825	38000	38175	
15MHz	QPSK	1	0	23.07	23.37	23.09	24.70
		1	38	23.35	23.15	23.11	24.70
		1	74	23.17	23.03	22.88	24.70
		36	0	23.01	22.74	22.72	24.20
		36	18	23.03	22.87	22.68	24.20
		36	39	22.97	22.81	22.64	24.20
		75	0	22.93	22.82	22.67	24.20
	16QAM	1	0	22.98	22.83	22.90	24.20
		1	38	23.02	22.65	22.72	24.20
		1	74	22.70	22.63	22.64	24.20
		36	0	22.10	21.80	21.80	23.20
		36	18	21.97	21.84	21.76	23.20
		36	39	21.39	21.85	21.74	23.20
		75	0	22.00	21.73	21.57	23.20
	64QAM	1	0	21.96	21.79	21.61	23.20
		1	38	21.89	21.79	21.67	23.20
		1	74	21.86	21.50	21.47	23.20
		36	0	21.00	20.87	20.59	22.20
		36	18	21.01	20.92	20.78	22.20
		36	39	20.94	20.87	20.81	22.20
		75	0	21.03	20.66	20.73	22.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up



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				37850	38000	38150	
20MHz	QPSK	1	0	23.06	23.36	23.05	24.70
		1	50	23.29	23.23	23.09	24.70
		1	99	23.13	23.08	22.88	24.70
		50	0	23.02	22.93	22.73	24.20
		50	25	22.99	22.77	22.69	24.20
		50	50	23.01	22.87	22.63	24.20
		100	0	22.96	22.77	22.63	24.20
	16QAM	1	0	23.06	22.87	22.85	24.20
		1	50	23.10	22.76	22.74	24.20
		1	99	22.66	22.54	22.50	24.20
		50	0	22.02	21.89	21.80	23.20
		50	25	21.94	21.85	21.73	23.20
		50	50	21.47	21.81	21.68	23.20
		100	0	22.00	21.85	21.65	23.20
	64QAM	1	0	21.93	21.73	21.57	23.20
		1	50	21.92	21.66	21.66	23.20
		1	99	21.78	21.52	21.44	23.20
		50	0	21.06	20.84	20.71	22.20
		50	25	21.02	20.81	20.72	22.20
		50	50	21.00	20.82	20.70	22.20
		100	0	20.99	20.78	20.67	22.20



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LTE Band 38 State5/10				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37775	38000	38225	
5MHz	QPSK	1	0	23.61	23.76	23.56	25.20
		1	13	23.72	23.72	23.56	25.20
		1	24	23.65	23.70	23.51	25.20
		12	0	22.94	22.83	22.82	24.20
		12	6	23.06	22.80	22.68	24.20
		12	13	23.04	22.89	22.73	24.20
		25	0	23.08	22.75	22.68	24.20
	16QAM	1	0	23.09	22.73	22.88	24.20
		1	13	23.06	22.73	22.60	24.20
		1	24	22.69	22.64	22.49	24.20
		12	0	22.07	21.88	21.72	23.20
		12	6	22.07	21.87	21.62	23.20
		12	13	21.45	21.80	21.83	23.20
		25	0	22.03	21.86	21.69	23.20
	64QAM	1	0	21.85	21.67	21.49	23.20
		1	13	21.83	21.68	21.65	23.20
		1	24	21.79	21.57	21.35	23.20
		12	0	21.07	20.79	20.71	22.20
		12	6	21.11	20.78	20.71	22.20
		12	13	20.85	20.87	20.62	22.20
		25	0	20.93	20.69	20.72	22.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37800	38000	38200	
10MHz	QPSK	1	0	23.70	23.87	23.44	25.20
		1	25	23.84	23.77	23.61	25.20
		1	49	23.69	23.50	23.43	25.20
		25	0	23.06	22.90	22.66	24.20
		25	13	22.91	22.79	22.69	24.20
		25	25	23.02	22.76	22.72	24.20
		50	0	22.94	22.76	22.75	24.20
	16QAM	1	0	23.07	22.74	22.91	24.20
		1	25	23.03	22.73	22.64	24.20



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		1	49	22.63	22.56	22.48	24.20
		25	0	22.09	21.84	21.79	23.20
		25	13	21.94	21.89	21.74	23.20
		25	25	21.46	21.78	21.77	23.20
		50	0	21.94	21.85	21.79	23.20
	64QAM	1	0	21.85	21.74	21.63	23.20
		1	25	21.95	21.58	21.58	23.20
		1	49	21.70	21.53	21.30	23.20
		25	0	20.98	20.83	20.65	22.20
		25	13	20.97	20.82	20.69	22.20
		25	25	20.94	20.85	20.75	22.20
		50	0	21.03	20.83	20.66	22.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37825	38000	38175	
15MHz	QPSK	1	0	23.57	23.89	23.61	25.20
		1	38	23.82	23.67	23.65	25.20
		1	74	23.62	23.51	23.33	25.20
		36	0	23.00	22.79	22.72	24.20
		36	18	23.00	22.87	22.63	24.20
		36	39	23.01	22.81	22.69	24.20
		75	0	22.90	22.85	22.72	24.20
	16QAM	1	0	22.98	22.85	22.89	24.20
		1	38	23.01	22.64	22.72	24.20
		1	74	22.69	22.59	22.63	24.20
		36	0	22.10	21.81	21.81	23.20
		36	18	22.00	21.86	21.80	23.20
		36	39	21.39	21.81	21.79	23.20
		75	0	21.97	21.76	21.60	23.20
	64QAM	1	0	21.92	21.75	21.64	23.20
		1	38	21.84	21.76	21.67	23.20
		1	74	21.87	21.55	21.46	23.20
		36	0	20.99	20.83	20.60	22.20
		36	18	21.01	20.93	20.79	22.20
		36	39	20.93	20.87	20.78	22.20
		75	0	21.05	20.69	20.77	22.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up



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				37850	38000	38150	
20MHz	QPSK	1	0	23.60	23.81	23.54	25.20
		1	50	23.74	23.72	23.57	25.20
		1	99	23.65	23.60	23.42	25.20
		50	0	23.03	22.88	22.74	24.20
		50	25	22.99	22.82	22.70	24.20
		50	50	22.98	22.86	22.67	24.20
		100	0	22.99	22.80	22.67	24.20
	16QAM	1	0	23.04	22.83	22.85	24.20
		1	50	23.11	22.71	22.70	24.20
		1	99	22.65	22.57	22.53	24.20
		50	0	22.02	21.90	21.75	23.20
		50	25	21.99	21.83	21.70	23.20
		50	50	21.48	21.86	21.73	23.20
		100	0	21.98	21.81	21.69	23.20
	64QAM	1	0	21.92	21.71	21.58	23.20
		1	50	21.91	21.67	21.67	23.20
		1	99	21.79	21.53	21.39	23.20
		50	0	21.05	20.85	20.70	22.20
		50	25	21.05	20.84	20.73	22.20
		50	50	20.95	20.78	20.71	22.20
		100	0	21.01	20.79	20.69	22.20



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LTE Band 41 PC3 State3/8				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	23.61	23.71	23.73	23.63	23.56	24.70
		1	13	23.67	23.65	23.6	23.5	23.57	24.70
		1	24	23.59	23.6	23.6	23.6	23.47	24.70
		12	0	22.66	22.57	22.75	22.57	22.69	24.20
		12	6	22.67	22.87	22.82	22.51	22.71	24.20
		12	13	22.57	22.66	22.8	22.6	22.57	24.20
		25	0	22.82	22.81	22.68	22.64	22.49	24.20
	16QAM	1	0	22.81	22.58	22.93	22.6	22.55	24.20
		1	13	22.66	22.66	22.78	22.57	22.83	24.20
		1	24	22.75	22.8	22.51	22.57	22.64	24.20
		12	0	21.68	21.53	21.69	21.7	21.51	23.20
		12	6	21.8	21.84	21.78	21.51	21.56	23.20
		12	13	21.5	21.77	21.83	21.65	21.65	23.20
		25	0	21.66	21.74	21.86	21.68	21.66	23.20
	64QAM	1	0	22.76	22.60	22.76	22.72	22.47	23.20
		1	13	22.68	22.93	22.56	22.47	22.57	23.20
		1	24	22.43	22.79	22.55	22.48	22.57	23.20
		12	0	21.65	21.56	21.81	21.70	21.53	22.20
		12	6	21.68	21.79	21.80	21.67	21.60	22.20
		12	13	21.54	21.69	21.75	21.56	21.53	22.20
		25	0	21.83	21.83	21.74	21.66	21.64	22.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39700	40160	40620	41080	41540	
10MHz	QPSK	1	0	23.59	23.68	23.7	23.56	23.5	24.70
		1	25	23.63	23.58	23.53	23.55	23.48	24.70
		1	49	23.47	23.58	23.71	23.52	23.57	24.70
		25	0	22.78	22.52	22.89	22.7	22.72	24.20
		25	13	22.83	22.84	22.82	22.56	22.54	24.20
		25	25	22.39	22.81	22.72	22.58	22.66	24.20
		50	0	22.73	22.78	22.68	22.49	22.48	24.20
	16QAM	1	0	22.91	22.59	22.9	22.57	22.69	24.20
		1	25	22.74	22.65	22.83	22.59	22.68	24.20



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		1	49	22.65	22.76	22.57	22.57	22.52	24.20
		25	0	21.68	21.64	21.86	21.72	21.65	23.20
		25	13	21.83	21.87	21.83	21.67	21.68	23.20
		25	25	21.56	21.75	21.72	21.54	21.58	23.20
		50	0	21.75	21.77	21.86	21.49	21.62	23.20
	64QAM	1	0	22.73	22.67	22.74	22.66	22.64	23.20
		1	25	22.72	22.76	22.57	22.55	22.46	23.20
		1	49	22.42	22.63	22.59	22.49	22.66	23.20
		25	0	21.63	21.49	21.89	21.63	21.54	22.20
		25	13	21.77	21.81	21.69	21.73	21.66	22.20
		25	25	21.74	21.68	21.63	21.50	21.69	22.20
		50	0	21.66	21.84	21.89	21.53	21.67	22.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39725	40173	40620	41068	41515	
15MHz	QPSK	1	0	23.65	23.62	23.75	23.59	23.48	24.70
		1	38	23.58	23.66	23.66	23.5	23.44	24.70
		1	74	23.49	23.68	23.62	23.61	23.52	24.70
		36	0	22.63	22.56	22.72	22.72	22.54	24.20
		36	18	22.78	22.88	22.85	22.6	22.52	24.20
		36	39	22.56	22.82	22.7	22.62	22.52	24.20
		75	0	22.87	22.8	22.78	22.63	22.66	24.20
	16QAM	1	0	22.93	22.72	22.76	22.54	22.65	24.20
		1	38	22.84	22.7	22.7	22.62	22.82	24.20
		1	74	22.72	22.83	22.61	22.67	22.64	24.20
		36	0	21.58	21.48	21.69	21.61	21.6	23.20
		36	18	21.8	21.78	21.75	21.59	21.56	23.20
		36	39	21.7	21.72	21.7	21.52	21.69	23.20
		75	0	21.77	21.76	21.75	21.58	21.59	23.20
	64QAM	1	0	22.73	22.63	22.79	22.73	22.46	23.20
		1	38	22.69	22.90	22.48	22.48	22.59	23.20
		1	74	22.38	22.67	22.59	22.47	22.70	23.20
		36	0	21.54	21.48	21.81	21.54	21.66	22.20
		36	18	21.82	21.77	21.71	21.74	21.68	22.20
		36	39	21.58	21.62	21.74	21.65	21.69	22.20
		75	0	21.77	21.80	21.81	21.67	21.51	22.20
Bandwidth	Modulation	RB size		Channel	Channel	Channel	Channel	Channel	Tune up



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			RB offset	39750	40185	40620	41055	41490	
20MHz	QPSK	1	0	23.59	23.62	23.55	23.45	23.47	24.70
		1	50	23.62	23.67	23.58	23.57	23.5	24.70
		1	99	23.55	23.64	23.51	23.56	23.47	24.70
		50	0	22.74	22.79	22.82	22.63	22.62	24.20
		50	25	22.73	22.57	22.77	22.61	22.61	24.20
		50	50	22.48	22.72	22.71	22.63	22.62	24.20
		100	0	22.77	22.8	22.75	22.59	22.56	24.20
	16QAM	1	0	22.85	22.68	22.86	22.6	22.62	24.20
		1	50	22.75	22.75	22.77	22.56	22.75	24.20
		1	99	22.65	22.82	22.59	22.61	22.62	24.20
		50	0	21.63	21.55	21.79	21.63	21.58	23.20
		50	25	21.77	21.78	21.77	21.61	21.63	23.20
		50	50	21.6	21.68	21.73	21.61	21.6	23.20
		100	0	21.74	21.82	21.78	21.59	21.58	23.20
	64QAM	1	0	22.77	22.68	22.82	22.63	22.54	23.20
		1	50	22.64	22.83	22.58	22.54	22.55	23.20
		1	99	22.43	22.72	22.58	22.49	22.63	23.20
		50	0	21.60	21.52	21.83	21.64	21.59	22.20
		50	25	21.75	21.82	21.79	21.64	21.62	22.20
		50	50	21.64	21.70	21.72	21.60	21.62	22.20
		100	0	21.74	21.85	21.79	21.61	21.59	22.20



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LTE Band 41 PC3 State5/10				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	23.93	23.99	23.91	23.99	24.01	25.20
		1	13	23.96	23.98	23.99	23.84	24.03	25.20
		1	24	24.03	23.67	23.83	23.84	24.08	25.20
		12	0	23.09	22.79	23.11	23.06	23.05	24.20
		12	6	23.13	23.12	23.18	23.04	23.1	24.20
		12	13	23.09	22.91	22.97	23.03	23.14	24.20
		25	0	23.11	23.01	23.03	23.1	22.93	24.20
	16QAM	1	0	23.57	23.34	23.22	23.36	23.35	24.20
		1	13	23.31	23.37	23.41	23.49	23.16	24.20
		1	24	23.07	23.24	23.22	23.31	23.09	24.20
		12	0	22.13	22.13	22.16	22.04	22.12	23.20
		12	6	22.25	22.14	22.04	22.11	21.97	23.20
		12	13	22.04	21.97	22.09	21.98	22.14	23.20
		25	0	22.12	22.29	22.17	22.07	21.88	23.20
	64QAM	1	0	22.23	22.17	22.43	22.01	22.23	23.20
		1	13	22.04	22.19	22.12	22.03	22.32	23.20
		1	24	22.17	22.01	21.96	22.28	22.29	23.20
		12	0	20.96	20.88	21.27	21.01	21.03	22.20
		12	6	21.12	21.16	21.03	20.96	20.85	22.20
		12	13	20.80	21.06	21.19	20.98	20.89	22.20
		25	0	21.21	21.21	21.16	21.00	20.84	22.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39700	40160	40620	41080	41540	
10MHz	QPSK	1	0	23.97	23.81	24	23.92	23.95	25.20
		1	25	23.93	23.99	24.06	23.8	23.91	25.20
		1	49	24.13	23.66	23.78	23.74	24.03	25.20
		25	0	23.1	22.93	23.25	22.98	23.01	24.20
		25	13	23.05	23.21	23.19	22.89	23.08	24.20
		25	25	22.94	23.05	23.06	23.09	23	24.20
		50	0	23.06	23.11	23.2	23.03	23.1	24.20
	16QAM	1	0	23.53	23.39	23.26	23.35	23.29	24.20
		1	25	23.44	23.3	23.35	23.5	23.16	24.20



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		1	49	23.02	23.32	23.24	23.24	23.15	24.20
		25	0	21.96	22.08	22.07	22	21.99	23.20
		25	13	22.1	22.07	22.05	22.12	21.97	23.20
		25	25	21.89	22.03	22.03	21.97	22.06	23.20
		50	0	22.23	22.18	22.16	22.07	21.89	23.20
	64QAM	1	0	22.28	22.14	22.37	22.05	22.32	23.20
		1	25	22.07	22.33	22.08	22.08	22.33	23.20
		1	49	22.22	22.02	21.95	22.16	22.19	23.20
		25	0	20.95	20.90	21.08	21.18	20.91	22.20
		25	13	21.22	21.15	21.06	20.97	20.97	22.20
		25	25	20.95	21.03	21.15	20.98	20.89	22.20
		50	0	21.03	21.15	21.16	20.99	20.92	22.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39725	40173	40620	41068	41515	
15MHz	QPSK	1	0	23.88	23.88	24.04	24.04	23.95	25.20
		1	38	23.92	24	24.11	23.77	23.83	25.20
		1	74	24	23.69	23.83	23.68	23.94	25.20
		36	0	23.13	22.9	23.15	22.9	23.15	24.20
		36	18	23.1	23.1	23.2	22.91	22.95	24.20
		36	39	23.02	23.04	23.04	23.11	23.13	24.20
		75	0	23.14	23.08	23.14	23.07	22.96	24.20
	16QAM	1	0	23.45	23.25	23.18	23.28	23.2	24.20
		1	38	23.37	23.37	23.34	23.48	23.16	24.20
		1	74	23.03	23.24	23.07	23.21	23.19	24.20
		36	0	22.02	22.01	22.06	22.05	22.05	23.20
		36	18	22.07	22.25	22.2	21.93	22.1	23.20
		36	39	21.94	22	22.14	22.1	22.11	23.20
		75	0	22.18	22.15	22.14	21.94	21.76	23.20
	64QAM	1	0	22.22	22.09	22.31	22.09	22.27	23.20
		1	38	22.10	22.25	22.12	22.08	22.33	23.20
		1	74	22.21	21.99	21.92	22.11	22.26	23.20
		36	0	20.98	20.92	21.12	21.03	20.95	22.20
		36	18	21.07	21.08	21.10	20.93	21.04	22.20
		36	39	20.90	20.96	21.12	21.03	20.87	22.20
		75	0	21.18	21.07	21.04	20.94	20.84	22.20
Bandwidth	Modulation	RB size		Channel	Channel	Channel	Channel	Channel	Tune up



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			RB offset	39750	40185	40620	41055	41490	
20MHz	QPSK	1	0	23.97	23.89	23.98	23.79	23.92	25.20
		1	50	24.02	23.81	23.84	23.86	23.93	25.20
		1	99	24.03	24.01	24.01	24.02	24.04	25.20
		50	0	23.07	22.89	23.21	22.99	23.06	24.20
		50	25	23.15	23.14	23.14	22.98	23.03	24.20
		50	50	23.02	23.01	23.07	23.02	23.06	24.20
		100	0	23.14	23.09	23.12	23.01	23	24.20
	16QAM	1	0	23.51	23.3	23.2	23.36	23.25	24.20
		1	50	23.37	23.31	23.32	23.42	23.26	24.20
		1	99	23.12	23.24	23.17	23.21	23.16	24.20
		50	0	22.03	22.05	22.15	22	22.05	23.20
		50	25	22.15	22.17	22.14	22.02	22.03	23.20
		50	50	21.94	22.07	22.12	22.04	22.09	23.20
		100	0	22.13	22.21	22.14	22.02	21.83	23.20
	64QAM	1	0	22.32	22.14	22.34	22.07	22.28	23.20
		1	50	22.13	22.24	22.09	22.03	22.29	23.20
		1	99	22.22	22.08	21.87	22.20	22.24	23.20
		50	0	21.00	20.93	21.18	21.09	20.94	22.20
		50	25	21.13	21.18	21.12	20.99	20.94	22.20
		50	50	20.88	20.98	21.09	20.99	20.96	22.20
		100	0	21.13	21.15	21.09	21.01	20.90	22.20



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LTE Band 66 State3/5/8/10				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131979	132322	132665	
1.4MHz	QPSK	1	0	23.45	23.60	23.50	25.20
		1	2	23.77	23.81	23.61	25.20
		1	5	23.58	23.66	23.47	25.20
		3	0	23.60	23.61	23.51	25.20
		3	1	23.62	23.68	23.47	25.20
		3	3	23.60	23.64	23.43	25.20
		6	0	22.68	22.64	22.55	24.20
	16QAM	1	0	22.85	23.04	22.80	24.20
		1	2	22.96	22.98	22.82	24.20
		1	5	23.03	22.75	22.71	24.20
		3	0	22.65	22.75	22.63	24.20
		3	1	22.77	22.54	22.62	24.20
		3	3	22.57	22.77	22.60	24.20
		6	0	21.66	21.73	21.68	23.20
	64QAM	1	0	22.49	22.81	22.26	23.20
		1	2	22.17	22.87	22.66	23.20
		1	5	22.45	22.79	22.57	23.20
		3	0	22.58	22.74	22.72	23.20
		3	1	22.52	22.69	22.54	23.20
		3	3	22.44	22.65	22.54	23.20
		6	0	21.62	21.76	21.61	22.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131987	132322	132657	
3MHz	QPSK	1	0	23.32	23.63	23.38	25.20
		1	7	23.35	23.45	23.42	25.20
		1	14	23.47	23.59	23.42	25.20
		8	0	22.39	22.47	22.49	24.20
		8	4	22.50	22.63	22.65	24.20
		8	7	22.70	22.70	22.70	24.20
		15	0	22.50	22.57	22.64	24.20
	16QAM	1	0	22.63	22.88	22.79	24.20
		1	7	22.61	22.84	22.95	24.20



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		1	14	22.83	23.01	22.81	24.20
		8	0	21.53	21.65	21.59	23.20
		8	4	21.44	21.64	21.55	23.20
		8	7	21.53	21.83	21.62	23.20
		15	0	21.62	21.61	21.50	23.20
	64QAM	1	0	21.71	21.75	21.70	23.20
		1	7	21.63	21.83	21.79	23.20
		1	14	21.99	21.78	21.79	23.20
		8	0	20.37	20.52	20.36	22.20
		8	4	20.53	20.43	20.48	22.20
		8	7	20.58	20.80	20.70	22.20
		15	0	20.54	20.75	20.51	22.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131997	132322	132647	
5MHz	QPSK	1	0	23.36	23.69	23.37	25.20
		1	13	23.44	23.48	23.50	25.20
		1	24	23.50	23.63	23.33	25.20
		12	0	22.39	22.58	22.57	24.20
		12	6	22.59	22.67	22.61	24.20
		12	13	22.75	22.64	22.67	24.20
		25	0	22.62	22.51	22.56	24.20
	16QAM	1	0	22.64	22.87	22.87	24.20
		1	13	22.67	22.91	23.10	24.20
		1	24	22.74	22.94	22.87	24.20
		12	0	21.46	21.53	21.58	23.20
		12	6	21.48	21.77	21.60	23.20
		12	13	21.56	21.90	21.48	23.20
		25	0	21.61	21.57	21.55	23.20
	64QAM	1	0	21.72	21.66	21.64	23.20
		1	13	21.72	21.76	21.66	23.20
		1	24	21.88	21.73	21.78	23.20
		12	0	20.41	20.47	20.44	22.20
		12	6	20.49	20.42	20.50	22.20
		12	13	20.71	20.69	20.68	22.20
		25	0	20.53	20.59	20.64	22.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up



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				132022	132322	132622	
10MHz	QPSK	1	0	23.26	23.55	23.27	25.20
		1	25	23.36	23.48	23.45	25.20
		1	49	23.44	23.35	23.41	25.20
		25	0	22.51	22.65	22.50	24.20
		25	13	22.58	22.55	22.72	24.20
		25	25	22.70	22.68	22.60	24.20
		50	0	22.61	22.65	22.66	24.20
	16QAM	1	0	22.69	22.75	22.72	24.20
		1	25	22.63	22.84	23.04	24.20
		1	49	22.76	22.85	22.74	24.20
		25	0	21.36	21.65	21.52	23.20
		25	13	21.55	21.78	21.61	23.20
		25	25	21.56	21.74	21.53	23.20
		50	0	21.61	21.58	21.60	23.20
	64QAM	1	0	21.59	21.77	21.72	23.20
		1	25	21.59	21.95	21.72	23.20
		1	49	21.92	21.80	21.67	23.20
		25	0	20.38	20.51	20.38	22.20
		25	13	20.45	20.43	20.59	22.20
		25	25	20.65	20.72	20.53	22.20
		50	0	20.54	20.60	20.59	22.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132047	132322	132597	
15MHz	QPSK	1	0	23.36	23.59	23.32	25.20
		1	38	23.55	23.59	23.37	25.20
		1	74	23.56	23.60	23.40	25.20
		36	0	22.38	22.61	22.51	24.20
		36	18	22.49	22.54	22.70	24.20
		36	39	22.65	22.80	22.75	24.20
		75	0	22.59	22.56	22.68	24.20
	16QAM	1	0	22.68	22.80	22.87	24.20
		1	38	22.78	22.72	22.95	24.20
		1	74	22.72	22.98	22.88	24.20
		36	0	21.50	21.67	21.49	23.20
		36	18	21.53	21.60	21.71	23.20



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		36	39	21.57	21.72	21.58	23.20
		75	0	21.60	21.52	21.67	23.20
	64QAM	1	0	21.56	21.62	21.70	23.20
		1	38	21.77	21.83	21.75	23.20
		1	74	21.90	21.79	21.78	23.20
		36	0	20.37	20.64	20.53	22.20
		36	18	20.62	20.46	20.49	22.20
		36	39	20.60	20.69	20.50	22.20
		75	0	20.57	20.75	20.47	22.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132072	132322	132572	
20MHz	QPSK	1	0	23.51	23.61	23.43	25.20
		1	50	23.45	23.54	23.39	25.20
		1	99	23.35	23.57	23.35	25.20
		50	0	22.45	22.57	22.52	24.20
		50	25	22.50	22.60	22.65	24.20
		50	50	22.65	22.74	22.70	24.20
		100	0	22.55	22.59	22.63	24.20
		1	0	22.64	22.85	22.78	24.20
	16QAM	1	50	22.68	22.82	23.05	24.20
		1	99	22.79	22.94	22.80	24.20
		50	0	21.45	21.60	21.53	23.20
		50	25	21.54	21.68	21.65	23.20
		50	50	21.50	21.80	21.54	23.20
		100	0	21.57	21.53	21.57	23.20
		1	0	21.65	21.72	21.73	23.20
		1	50	21.68	21.85	21.74	23.20
	64QAM	1	99	21.93	21.83	21.73	23.20
		50	0	20.38	20.57	20.46	22.20
		50	25	20.54	20.50	20.58	22.20
		50	50	20.61	20.71	20.60	22.20
		100	0	20.48	20.67	20.55	22.20



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5 Conducted Power of Intra Band LTE Uplink CA

5.1 Conducted Power of LTE Uplink CA (Ant0)

Combination	Modulation	PCC					SCC					State 3/8		State 5/10	
		Band	BW (MHz)	UL Channel	UL# RB	UL RB Offset	Band	BW (MHz)	UL Channel	UL# RB	UL RB Offset	Power	Tune-up(dBm)	Power	Tune-up(dBm)
CA_7C	QPSK	7	20	20850	1	99	7	20	21048	1	0	20.63	22.20	23.32	24.20
CA_7C	QPSK	7	20	21100	1	99	7	20	21298	1	0	20.58	22.20	23.29	24.20
CA_7C	QPSK	7	20	21100	1	0	7	20	20902	1	99	20.43	22.20	23.25	24.20
CA_7C	QPSK	7	20	21350	1	0	7	20	21152	1	99	20.47	22.20	23.30	24.20

Combination	Modulation	PCC					SCC					State 3/8		State 5/10	
		Band	BW (MHz)	UL Channel	UL# RB	UL RB Offset	Band	BW (MHz)	UL Channel	UL# RB	UL RB Offset	Power	Tune-up(dBm)	Power	Tune-up(dBm)
CA_38C	QPSK	38	20	37850	1	99	38	20	38048	0	0	21.82	23.20	23.22	25.20
CA_38C	QPSK	38	20	37901	1	99	38	20	38099	0	0	21.86	23.20	23.21	25.20
CA_38C	QPSK	38	20	38099	1	0	38	20	37901	0	0	21.8	23.20	23.20	25.20
CA_38C	QPSK	38	20	38150	1	0	38	20	37952	0	0	21.78	23.20	23.24	25.20

Combination	Modulation	PCC					SCC					State 3/8		State 5/10	
		Band	BW (MHz)	UL Channel	UL# RB	UL RB Offset	Band	BW (MHz)	UL Channel	UL# RB	UL RB Offset	Power	Tune-up(dBm)	Power	Tune-up(dBm)
CA_41C	QPSK	41	20	39750	1	99	41	20	39948	0	0	21.66	23.20	23.31	25.20
CA_41C	QPSK	41	20	40185	1	99	41	20	40383	0	0	21.73	23.20	23.35	25.20
CA_41C	QPSK	41	20	40620	1	99	41	20	40818	0	0	21.61	23.20	23.23	25.20
CA_41C	QPSK	41	20	40620	1	0	41	20	40422	0	0	21.69	23.20	23.35	25.20
CA_41C	QPSK	41	20	41055	1	0	41	20	40857	0	0	21.67	23.20	23.33	25.20
CA_41C	QPSK	41	20	41490	1	0	41	20	41292	0	0	21.59	23.20	23.3	25.20



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5.2 Conducted Power of LTE Uplink CA (Ant4)

Combination	Modulation	PCC					SCC					State 3/5/8/10	
		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_7C	QPSK	7	20	20850	1	99	7	20	21048	1	0	20.44	21.70
CA_7C	QPSK	7	20	21100	1	99	7	20	21298	1	0	20.54	21.70
CA_7C	QPSK	7	20	21100	1	0	7	20	20902	1	99	20.49	21.70
CA_7C	QPSK	7	20	21350	1	0	7	20	21152	1	99	20.41	21.70

Combination	Modulation	PCC					SCC					State 3/8		State 5/10	
		Band	BW (MHz)	UL Channel	UL# RB	UL RB Offset	Band	BW (MHz)	UL Channel	UL# RB	UL RB Offset	Power	Tune-up(dBm)	Power	Tune-up(dBm)
CA_38C	QPSK	38	20	37850	1	99	38	20	38048	0	0	21.87	22.70	23.36	25.20
CA_38C	QPSK	38	20	37901	1	99	38	20	38099	0	0	21.83	22.70	23.39	25.20
CA_38C	QPSK	38	20	38099	1	0	38	20	37901	0	0	21.86	22.70	23.33	25.20
CA_38C	QPSK	38	20	38150	1	0	38	20	37952	0	0	21.95	22.70	23.29	25.20

Combination	Modulation	PCC					SCC					State 3/8		State 5/10	
		Band	BW (MHz)	UL Channel	UL# RB	UL RB Offset	Band	BW (MHz)	UL Channel	UL# RB	UL RB Offset	Power	Tune-up(dBm)	Power	Tune-up(dBm)
CA_41C	QPSK	41	20	39750	1	99	41	20	39948	0	0	21.73	22.70	23.73	25.20
CA_41C	QPSK	41	20	40185	1	99	41	20	40383	0	0	21.83	22.70	23.83	25.20
CA_41C	QPSK	41	20	40620	1	99	41	20	40818	0	0	21.64	22.70	23.81	25.20
CA_41C	QPSK	41	20	40620	1	0	41	20	40422	0	0	21.64	22.70	23.75	25.20
CA_41C	QPSK	41	20	41055	1	0	41	20	40857	0	0	21.72	22.70	23.76	25.20
CA_41C	QPSK	41	20	41490	1	0	41	20	41292	0	0	21.82	22.70	23.63	25.20



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5.3 Conducted Power of LTE Uplink CA (Ant5)

Combination	Modulation	PCC					SCC					State 3/8		State 5/10	
		Band	BW (MHz)	UL Channel	UL# RB	UL RB Offset	Band	BW (MHz)	UL Channel	UL# RB	UL RB Offset	Power	Tune-up(dBm)	Power	Tune-up(dBm)
CA_7C	QPSK	7	20	20850	1	99	7	20	21048	1	0	21.22	23.20	23.84	24.20
CA_7C	QPSK	7	20	21100	1	99	7	20	21298	1	0	21.14	23.20	23.74	24.20
CA_7C	QPSK	7	20	21100	1	0	7	20	20902	1	99	21.27	23.20	23.93	24.20
CA_7C	QPSK	7	20	21350	1	0	7	20	21152	1	99	21.26	23.20	23.77	24.20

Combination	Modulation	PCC					SCC					State 3/8		State 5/10	
		Band	BW (MHz)	UL Channel	UL# RB	UL RB Offset	Band	BW (MHz)	UL Channel	UL# RB	UL RB Offset	Power	Tune-up(dBm)	Power	Tune-up(dBm)
CA_38C	QPSK	38	20	37850	1	99	38	20	38048	0	0	23.10	24.70	23.45	25.20
CA_38C	QPSK	38	20	37901	1	99	38	20	38099	0	0	23.25	24.70	23.61	25.20
CA_38C	QPSK	38	20	38099	1	0	38	20	37901	0	0	23.19	24.70	23.59	25.20
CA_38C	QPSK	38	20	38150	1	0	38	20	37952	0	0	23.24	24.70	23.63	25.20

Combination	Modulation	PCC					SCC					State 3/8		State 5/10	
		Band	BW (MHz)	UL Channel	UL# RB	UL RB Offset	Band	BW (MHz)	UL Channel	UL# RB	UL RB Offset	Power	Tune-up(dBm)	Power	Tune-up(dBm)
CA_41C	QPSK	41	20	39750	1	99	41	20	39948	0	0	23.32	24.70	23.7	25.20
CA_41C	QPSK	41	20	40185	1	99	41	20	40383	0	0	23.31	24.70	23.64	25.20
CA_41C	QPSK	41	20	40620	1	99	41	20	40818	0	0	23.19	24.70	23.63	25.20
CA_41C	QPSK	41	20	40620	1	0	41	20	40422	0	0	23.4	24.70	23.72	25.20
CA_41C	QPSK	41	20	41055	1	0	41	20	40857	0	0	23.26	24.70	23.67	25.20
CA_41C	QPSK	41	20	41490	1	0	41	20	41292	0	0	23.35	24.70	23.74	25.20



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6 Conducted Power of NR Antenna

6.1 Conducted Power of NR Antenna (Ant0)

N5 state 3/5/8/10				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	24.15	23.95	24.09	25.70
		1	53	24.09	24.00	23.98	25.70
		1	104	23.98	23.99	23.84	25.70
		50	0	22.98	22.96	23.01	24.70
		50	28	24.01	24.07	24.02	25.70
		50	56	23.01	22.98	22.96	24.70
		100	0	23.01	23.05	23.03	24.70
	DFT-s-OFDM 16QAM	1	1	23.01	23.08	23.12	24.70
	DFT-s-OFDM 64QAM	1	1	21.26	21.25	21.33	23.20
	DFT-s-OFDM 256QAM	1	1	19.70	19.74	19.65	21.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				166800	167300	167800	
20MHz	CP-OFDM QPSK	1	1	22.45	22.41	22.38	24.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				166300	167300	168300	
15MHz	DFT-s-OFDM QPSK	1	1	24.07	23.98	24.02	25.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				165800	167300	168800	
10MHz	DFT-s-OFDM QPSK	1	1	24.07	24.03	24.04	25.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				165300	167300	169300	
5MHz	DFT-s-OFDM QPSK	1	1	24.06	23.94	24.01	25.70



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N7 state 3/8				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				505000	507000	509000	
				2525	2535	2545	
40MHz	DFT-s-OFDM QPSK	1	1	18.62	18.65	18.40	20.20
		1	108	18.37	18.50	18.37	20.20
		1	214	18.33	18.58	18.37	20.20
		108	0	17.25	17.29	17.32	19.20
		108	54	18.31	18.28	18.29	20.20
		108	108	17.32	17.29	17.23	19.20
		216	0	17.24	17.28	17.26	19.20
	DFT-s-OFDM 16QAM	1	1	17.81	17.80	17.50	19.20
	DFT-s-OFDM 64QAM	1	1	15.83	15.87	15.81	17.70
	DFT-s-OFDM 256QAM	1	1	13.97	14.00	14.11	15.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				504000	507000	510000	
40MHz	CP-OFDM QPSK	1	1	16.80	16.89	16.93	18.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				503000	507000	511000	
30MHz	DFT-s-OFDM QPSK	1	1	18.55	18.64	18.52	20.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				502500	507000	511500	
25MHz	DFT-s-OFDM QPSK	1	1	18.63	18.60	18.46	20.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				502000	507000	512000	
20MHz	DFT-s-OFDM QPSK	1	1	18.50	18.69	18.45	20.20
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	18.66	18.55	18.43	20.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				501000	507000	513000	
10MHz	DFT-s-OFDM QPSK	1	1	18.53	18.63	18.46	20.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				500500	507000	513500	
5MHz	DFT-s-OFDM QPSK	1	1	18.53	18.70	18.53	20.20



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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	
40MHz	DFT-s-OFDM QPSK	1	1	22.58	22.61	22.43	24.20
		1	108	22.35	22.52	22.35	24.20
		1	214	22.28	22.63	22.34	24.20
		108	0	21.26	21.29	21.28	23.20
		108	54	22.34	22.28	22.30	24.20
		108	108	21.33	21.34	21.25	23.20
		216	0	21.20	21.26	21.22	23.20
	DFT-s-OFDM 16QAM	1	1	21.82	21.83	21.50	23.20
	DFT-s-OFDM 64QAM	1	1	19.78	19.87	19.80	21.70
	DFT-s-OFDM 256QAM	1	1	17.99	18.01	18.10	19.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				504000	507000	510000	
40MHz	CP-OFDM QPSK	1	1	20.80	20.84	20.88	22.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				503000	507000	511000	
30MHz	DFT-s-OFDM QPSK	1	1	22.55	22.65	22.48	24.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				502500	507000	511500	
25MHz	DFT-s-OFDM QPSK	1	1	22.51	22.62	22.47	24.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				502000	507000	512000	
20MHz	DFT-s-OFDM QPSK	1	1	22.50	22.61	22.49	24.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				501500	507000	512500	
15MHz	DFT-s-OFDM QPSK	1	1	22.53	22.62	22.51	24.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up



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				501000	507000	513000	
10MHz	DFT-s-OFDM QPSK	1	1	22.50	22.64	22.43	24.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				500500	507000	513500	
5MHz	DFT-s-OFDM QPSK	1	1	22.59	22.63	22.46	24.20



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NR N26 state 3/5/8/10				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	24.56	24.78	24.46	25.70
		1	53	24.71	24.44	24.53	25.70
		1	104	24.41	24.42	23.80	25.70
		50	0	23.66	23.62	23.38	24.70
		50	28	24.59	24.33	24.31	25.70
		50	56	23.41	23.43	23.20	24.70
		100	0	23.59	23.44	23.21	24.70
	DFT-s-OFDM 16QAM	1	1	23.84	23.94	23.91	24.70
	DFT-s-OFDM 64QAM	1	1	22.01	22.09	22.15	23.20
	DFT-s-OFDM 256QAM	1	1	20.31	20.37	20.66	21.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				164800	166300	167800	
20MHz	CP-OFDM QPSK	1	1	22.98	22.91	22.85	24.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				164300	166300	168300	
15MHz	DFT-s-OFDM QPSK	1	1	24.66	24.70	24.50	25.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				163800	166300	168800	
10MHz	DFT-s-OFDM QPSK	1	1	24.65	24.71	24.49	25.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				163300	166300	169300	
5MHz	DFT-s-OFDM QPSK	1	1	24.61	24.71	24.47	25.70



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N38 state 3/8				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	21.87	21.66	21.89	22.70
		1	53	21.67	21.61	21.59	22.70
		1	104	21.63	21.54	21.51	22.70
		50	0	20.48	20.47	20.40	21.70
		50	28	21.51	21.50	21.46	22.70
		50	56	20.45	20.46	20.55	21.70
		100	0	20.40	20.46	20.44	21.70
	DFT-s-OFDM 16QAM	1	1	20.46	20.51	20.55	21.70
	DFT-s-OFDM 64QAM	1	1	19.34	19.38	19.45	20.20
	DFT-s-OFDM 256QAM	1	1	17.33	17.39	17.25	18.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				518000	519000	520000	
40MHz	CP-OFDM QPSK	1	1	20.33	20.22	20.25	21.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				517000	519000	521000	
30MHz	DFT-s-OFDM QPSK	1	1	21.88	21.60	21.78	22.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				516000	519000	522000	
20MHz	DFT-s-OFDM QPSK	1	1	21.84	21.59	21.73	22.70



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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	21.40	21.19	21.42	22.20
		1	53	21.08	21.09	21.08	22.20
		1	104	21.06	21.05	20.95	22.20
		50	0	19.96	20.06	19.97	21.20
		50	28	21.10	20.97	20.99	22.20
		50	56	19.95	19.89	20.03	21.20
		100	0	19.90	19.98	19.87	21.20
	DFT-s-OFDM 16QAM	1	1	20.02	20.10	20.02	21.20
	DFT-s-OFDM 64QAM	1	1	18.76	18.79	18.92	19.70
	DFT-s-OFDM 256QAM	1	1	16.89	16.88	16.77	17.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				518000	519000	520000	
40MHz	CP-OFDM QPSK	1	1	19.79	19.81	19.84	20.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				517000	519000	521000	
30MHz	DFT-s-OFDM QPSK	1	1	21.30	21.14	21.33	22.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				516000	519000	522000	
20MHz	DFT-s-OFDM QPSK	1	1	21.42	21.03	21.29	22.20



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N41 PC3 state 3/8				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	21.39	21.41	21.28	21.57	21.22	22.70
		1	137	20.89	21.07	21.00	21.05	20.76	22.70
		1	271	20.75	20.93	21.14	21.16	21.08	22.70
		135	0	20.24	20.26	20.18	20.29	19.94	21.70
		135	69	21.25	21.21	21.16	21.37	20.99	22.70
		135	138	20.55	20.13	20.21	20.13	20.45	21.70
	270	0	20.46	20.19	20.26	20.22	19.94	21.70	
	DFT-s-OFDM 16QAM	1	1	20.33	19.97	20.07	20.14	19.75	21.70
	DFT-s-OFDM 64QAM	1	1	18.92	18.50	18.66	18.67	18.35	20.20
	DFT-s-OFDM 256QAM	1	1	17.10	16.79	16.78	16.80	16.54	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	19.78	19.80	19.65	20.04	19.69	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	21.28	21.27	21.13	21.59	21.20	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	21.25	21.31	21.17	21.60	21.24	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	21.25	21.27	21.19	21.60	21.23	22.70
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	21.26	21.30	21.18	21.56	21.21	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	21.26	21.32	21.16	21.59	21.25	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	21.26	21.30	21.15	21.59	21.25	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	21.24	21.27	21.19	21.56	21.22	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	21.30	21.26	21.13	21.59	21.20	22.70



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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	21.12	21.03	21.06	21.19	21.01	22.20
		1	137	20.46	20.62	20.63	20.63	20.42	22.20
		1	271	20.42	20.54	20.72	20.80	20.65	22.20
		135	0	19.77	19.92	19.86	19.94	19.60	21.20
		135	69	20.73	20.72	20.76	20.89	20.42	22.20
		135	138	19.71	19.82	19.71	20.15	20.02	21.20
	270	0	20.09	19.71	19.82	19.90	19.48	21.20	
	DFT-s-OFDM 16QAM	1	1	20.00	19.54	19.68	19.74	19.37	21.20
	DFT-s-OFDM 64QAM	1	1	18.45	18.11	18.28	18.25	17.96	19.70
	DFT-s-OFDM 256QAM	1	1	16.65	16.38	16.41	16.50	16.13	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	19.25	19.28	19.24	19.59	19.24	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	20.76	20.83	20.70	21.07	20.75	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	20.76	20.81	20.72	21.11	20.71	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	20.77	20.80	20.72	21.06	20.70	22.20
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	20.72	20.78	20.70	21.09	20.72	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	20.75	20.78	20.75	21.09	20.70	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	20.77	20.82	20.69	21.05	20.72	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	20.78	20.78	20.73	21.10	20.70	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	20.78	20.79	20.71	21.09	20.75	22.20



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6.2 Conducted Power of NR Antenna (Ant1)

N5 state 3/5/8/10				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	23.88	23.84	23.80	25.70
		1	53	23.79	23.77	23.82	25.70
		1	104	23.80	23.71	23.70	25.70
		50	0	22.84	22.72	22.77	24.70
		50	28	23.72	23.75	23.83	25.70
		50	56	22.90	22.72	22.73	24.70
		100	0	22.78	22.78	22.81	24.70
	DFT-s-OFDM 16QAM	1	1	22.83	22.70	22.73	24.70
	DFT-s-OFDM 64QAM	1	1	21.60	21.54	21.60	23.20
	DFT-s-OFDM 256QAM	1	1	19.57	19.51	19.62	21.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				166800	167300	167800	
20MHz	CP-OFDM QPSK	1	1	22.25	22.26	22.25	24.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				166300	167300	168300	
15MHz	DFT-s-OFDM QPSK	1	1	23.72	23.78	23.80	25.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				165800	167300	168800	
10MHz	DFT-s-OFDM QPSK	1	1	23.74	23.83	23.74	25.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				165300	167300	169300	
5MHz	DFT-s-OFDM QPSK	1	1	23.78	23.81	23.76	25.70



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NR N26 state 3/5/8/10				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	24.35	24.50	24.49	25.70
		1	53	24.29	24.41	24.57	25.70
		1	104	24.23	24.40	23.96	25.70
		50	0	23.43	23.50	23.33	24.70
		50	28	24.44	24.35	24.27	25.70
		50	56	23.40	23.29	23.24	24.70
		100	0	23.45	23.38	23.30	24.70
	DFT-s-OFDM 16QAM	1	1	23.40	23.43	23.35	24.70
	DFT-s-OFDM 64QAM	1	1	21.92	21.94	21.90	23.20
	DFT-s-OFDM 256QAM	1	1	20.10	20.15	20.08	21.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				164800	166300	167800	
20MHz	CP-OFDM QPSK	1	1	23.15	23.20	23.25	24.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				164300	166300	168300	
15MHz	DFT-s-OFDM QPSK	1	1	24.33	24.51	24.47	25.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				163800	166300	168800	
10MHz	DFT-s-OFDM QPSK	1	1	24.35	24.56	24.45	25.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				163300	166300	169300	
5MHz	DFT-s-OFDM QPSK	1	1	24.31	24.53	24.44	25.70



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6.3 Conducted Power of NR Antenna (Ant4)

N2 state 3/8				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	22.36	22.36	22.30	23.50
		1	53	22.28	22.42	22.38	23.50
		1	104	22.24	22.30	22.33	23.50
		50	0	21.14	21.20	21.22	22.50
		50	28	22.22	22.32	22.26	23.50
		50	56	21.16	21.22	21.24	22.50
		100	0	21.07	21.25	21.23	22.50
	DFT-s-OFDM 16QAM	1	1	21.15	21.24	21.22	22.50
	DFT-s-OFDM 64QAM	1	1	19.90	19.93	19.85	21.00
	DFT-s-OFDM 256QAM	1	1	18.15	18.20	18.19	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				372000	376000	38000	
20MHz	CP-OFDM QPSK	1	1	20.58	20.65	20.66	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				371500	376000	380500	
15MHz	DFT-s-OFDM QPSK	1	1	22.22	22.34	22.16	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				371000	376000	381000	
10MHz	DFT-s-OFDM QPSK	1	1	22.25	22.31	22.18	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				370500	376000	381500	
5MHz	DFT-s-OFDM QPSK	1	1	22.26	22.38	22.14	23.50



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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	19.50	19.36	19.32	20.50
		1	53	19.25	19.39	19.39	20.50
		1	104	19.24	19.33	19.33	20.50
		50	0	18.35	18.16	18.25	19.50
		50	28	19.24	19.27	19.27	20.50
		50	56	18.33	18.25	18.19	19.50
		100	0	18.12	18.21	18.23	19.50
	DFT-s-OFDM 16QAM	1	1	18.10	18.25	18.25	19.50
	DFT-s-OFDM 64QAM	1	1	16.89	16.93	16.81	18.00
	DFT-s-OFDM 256QAM	1	1	15.10	15.16	15.16	16.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				372000	376000	38000	
20MHz	CP-OFDM QPSK	1	1	17.63	17.67	17.67	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				371500	376000	380500	
15MHz	DFT-s-OFDM QPSK	1	1	19.25	19.31	19.19	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				371000	376000	381000	
10MHz	DFT-s-OFDM QPSK	1	1	19.21	19.30	19.14	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				370500	376000	381500	
5MHz	DFT-s-OFDM QPSK	1	1	19.24	19.35	19.15	20.50



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N7 state 3/5/8/10				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				505000	507000	509000	
				2525	2535	2545	
40MHz	DFT-s-OFDM QPSK	1	1	20.54	20.36	20.49	21.70
		1	108	20.40	20.39	20.42	21.70
		1	214	20.37	20.30	20.40	21.70
		108	0	19.33	19.23	19.30	20.70
		108	54	20.36	20.37	20.40	21.70
		108	108	19.25	19.31	19.22	20.70
		216	0	19.20	19.29	19.30	20.70
	DFT-s-OFDM 16QAM	1	1	19.21	19.22	19.15	20.70
	DFT-s-OFDM 64QAM	1	1	17.80	17.84	17.77	19.20
	DFT-s-OFDM 256QAM	1	1	16.10	16.17	16.20	17.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				504000	507000	510000	
40MHz	DFT-s-OFDM QPSK	1	1	18.75	18.82	18.88	20.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				503000	507000	511000	
30MHz	DFT-s-OFDM QPSK	1	1	20.50	20.31	20.41	21.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				502500	507000	511500	
25MHz	DFT-s-OFDM QPSK	1	1	20.52	20.30	20.37	21.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				502000	507000	512000	
20MHz	DFT-s-OFDM QPSK	1	1	20.47	20.27	20.44	21.70
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	20.48	20.28	20.39	21.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				501000	507000	513000	
10MHz	DFT-s-OFDM QPSK	1	1	20.55	20.29	20.40	21.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				500500	507000	513500	
5MHz	DFT-s-OFDM QPSK	1	1	20.49	20.32	20.38	21.70



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N38 state 3/8				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	20.72	20.30	20.71	21.20
		1	53	20.26	20.23	20.48	21.20
		1	104	20.44	20.24	20.28	21.20
		50	0	19.26	19.33	19.31	20.20
		50	28	20.19	20.40	20.17	21.20
		50	56	19.22	19.18	19.08	20.20
		100	0	19.16	19.19	19.21	20.20
	DFT-s-OFDM 16QAM	1	1	19.35	19.34	19.46	20.20
	DFT-s-OFDM 64QAM	1	1	17.34	17.43	17.43	18.70
	DFT-s-OFDM 256QAM	1	1	15.98	16.03	16.11	16.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				518000	519000	520000	
40MHz	CP-OFDM QPSK	1	1	18.81	18.82	18.78	19.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				517000	519000	521000	
30MHz	DFT-s-OFDM QPSK	1	1	20.56	20.40	20.39	21.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				516000	519000	522000	
20MHz	DFT-s-OFDM QPSK	1	1	20.55	20.36	20.45	21.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				515500	519000	522500	
15MHz	DFT-s-OFDM QPSK	1	1	20.63	20.25	20.44	21.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				515000	519000	523000	



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10MHz	DFT-s-OFDM QPSK	1	1	20.58	20.20	20.53	21.20
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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	21.60	21.32	21.68	22.20
		1	53	21.34	21.21	21.37	22.20
		1	104	21.32	21.18	21.32	22.20
		50	0	20.30	20.27	20.28	21.20
		50	28	21.22	21.30	21.21	22.20
		50	56	20.15	20.18	20.05	21.20
		100	0	20.19	20.28	20.25	21.20
	DFT-s-OFDM 16QAM	1	1	20.35	20.29	20.31	21.20
	DFT-s-OFDM 64QAM	1	1	18.43	18.49	18.41	19.70
	DFT-s-OFDM 256QAM	1	1	17.09	17.01	17.00	17.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				518000	519000	520000	
40MHz	CP-OFDM QPSK	1	1	19.87	19.84	19.79	20.70
Bandwidth	Modulation	RB size	RB offset				Tune up
				517000	519000	521000	
30MHz	DFT-s-OFDM QPSK	1	1	21.57	21.31	21.42	22.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				516000	519000	522000	
20MHz	DFT-s-OFDM QPSK	1	1	21.53	21.25	21.43	22.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				515500	519000	522500	
15MHz	DFT-s-OFDM QPSK	1	1	21.66	21.33	21.40	22.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				515000	519000	523000	



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10MHz	DFT-s-OFDM QPSK	1	1	21.58	21.23	21.46	22.20
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N41 PC3 state 3/8				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	20.10	20.20	20.14	20.20	20.01	21.20
		1	137	20.18	20.15	20.17	20.08	19.96	21.20
		1	271	20.19	20.26	20.21	20.39	20.07	21.20
		135	0	19.39	19.37	19.14	19.11	18.99	20.20
		135	69	20.19	20.21	19.99	20.25	20.07	21.20
		135	138	19.30	19.08	19.10	19.01	19.21	20.20
	270	0	19.21	19.17	19.13	19.11	18.88	20.20	
	DFT-s-OFDM 16QAM	1	1	19.48	19.36	19.43	19.37	19.31	20.20
	DFT-s-OFDM 64QAM	1	1	18.07	18.01	17.96	17.97	17.88	18.70
	DFT-s-OFDM 256QAM	1	1	16.18	15.93	15.81	15.88	15.74	16.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				509202	513900	518598	523302	528000	
100MHz	CP-OFDM QPSK	1	1	18.84	18.65	18.59	18.57	18.39	19.70
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	20.10	20.23	20.16	20.17	20.19	21.20
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	20.05	20.30	20.14	20.25	20.12	21.20
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	20.14	20.31	20.20	20.15	20.13	21.20
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	20.10	20.28	20.16	20.23	20.17	21.20
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	20.13	20.26	20.10	20.15	20.20	21.20
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	20.05	20.21	20.17	20.16	20.13	21.20
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	20.09	20.24	20.17	20.17	20.13	21.20
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	20.05	20.25	20.13	20.25	20.15	21.20



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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	21.15	21.24	21.15	21.21	21.10	22.20
		1	137	21.13	21.15	21.13	21.13	21.00	22.20
		1	271	21.16	21.40	21.23	21.44	21.15	22.20
		135	0	20.37	20.37	20.17	20.13	19.99	21.20
		135	69	21.17	21.19	21.03	21.26	21.05	22.20
		135	138	20.29	20.10	20.12	20.03	20.26	21.20
	270	0	20.25	20.13	20.08	20.10	19.92	21.20	
	DFT-s-OFDM 16QAM	1	1	20.51	20.38	20.38	20.41	20.29	21.20
	DFT-s-OFDM 64QAM	1	1	19.08	18.96	18.91	18.98	18.83	19.70
	DFT-s-OFDM 256QAM	1	1	17.15	16.90	16.86	16.93	16.75	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	19.81	19.66	19.61	19.55	19.36	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	21.10	21.26	21.15	21.20	21.15	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	21.13	21.25	21.11	21.25	21.15	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	21.09	21.25	21.11	21.18	21.20	22.20
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	21.09	21.23	21.18	21.25	21.17	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	21.05	21.25	21.14	21.19	21.20	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	21.12	21.25	21.12	21.22	21.10	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	21.12	21.25	21.15	21.24	21.18	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	21.08	21.22	21.14	21.22	21.10	22.20



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N66 state 3/8				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	24.31	24.35	24.28	25.20
		1	108	24.15	24.34	24.03	25.20
		1	214	24.06	24.20	23.96	25.20
		108	0	23.10	23.15	23.06	24.20
		108	54	24.05	24.13	24.06	25.20
		108	108	23.08	23.01	23.06	24.20
		216	0	23.12	23.08	23.11	24.20
	DFT-s-OFDM 16QAM	1	1	23.05	23.11	23.09	24.20
	DFT-s-OFDM 64QAM	1	1	21.80	21.88	20.89	22.70
	DFT-s-OFDM 256QAM	1	1	19.88	19.99	19.92	20.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				346000	349000	352000	
40MHz	CP-OFDM QPSK	1	1	22.30	22.33	22.34	23.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				345000	349000	353000	
30MHz	DFT-s-OFDM QPSK	1	1	24.30	24.25	24.25	25.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				344000	349000	354000	
20MHz	DFT-s-OFDM QPSK	1	1	24.30	24.26	24.23	25.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				343500	349000	354500	
15MHz	DFT-s-OFDM QPSK	1	1	24.25	24.27	24.21	25.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				343000	349000	355000	
10MHz	DFT-s-OFDM QPSK	1	1	24.31	24.23	24.28	25.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up



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				342500	349000	355500	
5MHz	DFT-s-OFDM QPSK	1	1	24.26	24.21	24.21	25.20



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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	21.32	21.36	21.29	22.20
		1	108	21.12	21.25	21.06	22.20
		1	214	21.06	21.17	21.06	22.20
		108	0	20.09	20.20	20.04	21.20
		108	54	21.02	21.11	21.04	22.20
		108	108	20.10	20.03	20.10	21.20
		216	0	20.11	20.09	20.11	21.20
	DFT-s-OFDM 16QAM	1	1	20.08	20.16	20.09	21.20
	DFT-s-OFDM 64QAM	1	1	18.85	18.87	17.86	19.70
	DFT-s-OFDM 256QAM	1	1	16.84	16.99	16.96	17.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				346000	349000	352000	
40MHz	CP-OFDM QPSK	1	1	19.35	19.31	19.35	20.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				345000	349000	353000	
30MHz	DFT-s-OFDM QPSK	1	1	21.31	21.21	21.25	22.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				344000	349000	354000	
20MHz	DFT-s-OFDM QPSK	1	1	21.29	21.22	21.30	22.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				343500	349000	354500	
15MHz	DFT-s-OFDM QPSK	1	1	21.27	21.22	21.27	22.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				343000	349000	355000	
10MHz	DFT-s-OFDM QPSK	1	1	21.30	21.22	21.22	22.20
Bandwidth	Modulation	RB size		Channel	Channel	Channel	Tune up



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			RB offset	342500	349000	355500	
5MHz	DFT-s-OFDM QPSK	1	1	21.25	21.20	21.22	22.20



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6.4 Conducted Power of NR Antenna (Ant5)

N2 state 3/5/8/10				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	22.75	22.85	22.82	24.00
		1	53	22.75	22.71	22.78	24.00
		1	104	22.79	22.77	22.78	24.00
		50	0	21.67	21.68	21.61	23.00
		50	28	22.74	22.72	22.66	24.00
		50	56	21.65	21.71	21.69	23.00
		100	0	21.62	21.71	21.68	23.00
	DFT-s-OFDM 16QAM	1	1	21.55	21.61	21.60	23.00
	DFT-s-OFDM 64QAM	1	1	20.22	20.30	20.25	21.50
	DFT-s-OFDM 256QAM	1	1	18.70	18.80	18.76	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				372000	376000	38000	
20MHz	CP-OFDM QPSK	1	1	21.15	21.23	21.20	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				371500	376000	380500	
15MHz	DFT-s-OFDM QPSK	1	1	22.71	22.80	22.76	24.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				371000	376000	381000	
10MHz	DFT-s-OFDM QPSK	1	1	22.76	22.78	22.75	24.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				370500	376000	381500	
5MHz	DFT-s-OFDM QPSK	1	1	22.73	22.85	22.73	24.00



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N7 state 3/8				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				505000	507000	509000	
				2525	2535	2545	
40MHz	DFT-s-OFDM QPSK	1	1	21.57	21.37	21.51	22.20
		1	108	21.45	21.34	21.41	22.20
		1	214	21.45	21.36	21.41	22.20
		108	0	20.37	20.23	20.27	21.20
		108	54	21.34	21.34	21.33	22.20
		108	108	20.27	20.45	20.40	21.20
		216	0	20.25	20.29	20.28	21.20
	DFT-s-OFDM 16QAM	1	1	20.33	20.30	20.21	21.20
	DFT-s-OFDM 64QAM	1	1	18.82	18.86	18.93	19.70
	DFT-s-OFDM 256QAM	1	1	16.69	16.79	16.72	17.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				504000	507000	510000	
40MHz	CP-OFDM QPSK	1	1	19.91	19.80	19.90	20.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				503000	507000	511000	
30MHz	DFT-s-OFDM QPSK	1	1	21.52	21.29	21.40	22.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				502500	507000	511500	
25MHz	DFT-s-OFDM QPSK	1	1	21.53	21.33	21.48	22.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				502000	507000	512000	
20MHz	DFT-s-OFDM QPSK	1	1	21.46	21.35	21.45	22.20
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	21.56	21.29	21.43	22.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				501000	507000	513000	
10MHz	DFT-s-OFDM QPSK	1	1	21.55	21.34	21.48	22.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				500500	507000	513500	
5MHz	DFT-s-OFDM QPSK	1	1	21.45	21.28	21.39	22.20



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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	
40MHz	DFT-s-OFDM QPSK	1	1	23.57	23.32	23.50	24.20
		1	108	23.50	23.29	23.43	24.20
		1	214	23.43	23.33	23.37	24.20
		108	0	22.34	22.24	22.25	23.20
		108	54	23.33	23.34	23.28	24.20
		108	108	22.30	22.47	22.40	23.20
		216	0	22.21	22.29	22.30	23.20
	DFT-s-OFDM 16QAM	1	1	22.31	22.34	22.25	23.20
	DFT-s-OFDM 64QAM	1	1	20.80	20.87	20.90	21.70
	DFT-s-OFDM 256QAM	1	1	18.70	18.76	18.77	19.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				504000	507000	510000	
40MHz	CP-OFDM QPSK	1	1	21.81	21.87	21.85	22.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				503000	507000	511000	
30MHz	DFT-s-OFDM QPSK	1	1	23.51	23.30	23.45	24.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				502500	507000	511500	
25MHz	DFT-s-OFDM QPSK	1	1	23.46	23.34	23.50	24.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				502000	507000	512000	
20MHz	DFT-s-OFDM QPSK	1	1	23.50	23.35	23.40	24.20
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	23.51	23.34	23.48	24.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				501000	507000	513000	
10MHz	DFT-s-OFDM QPSK	1	1	23.50	23.29	23.40	24.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				500500	507000	513500	
5MHz	DFT-s-OFDM QPSK	1	1	23.54	23.34	23.47	24.20



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N66 state 3/8				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	23.87	23.86	23.89	24.70
		1	108	23.93	23.84	23.88	24.70
		1	214	23.85	23.86	23.80	24.70
		108	0	22.73	22.74	22.85	23.70
		108	54	23.84	23.87	23.75	24.70
		108	108	22.80	22.95	22.85	23.70
		216	0	22.81	22.88	22.77	23.70
	DFT-s-OFDM 16QAM	1	1	22.73	22.84	22.75	23.70
	DFT-s-OFDM 64QAM	1	1	21.18	21.14	21.18	22.20
	DFT-s-OFDM 256QAM	1	1	19.14	19.10	19.19	20.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				346000	349000	352000	
40MHz	CP-OFDM QPSK	1	1	22.32	22.35	22.35	23.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				345000	349000	353000	
30MHz	DFT-s-OFDM QPSK	1	1	23.80	23.76	23.85	24.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				344000	349000	354000	
20MHz	DFT-s-OFDM QPSK	1	1	23.95	23.80	23.94	24.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				343500	349000	354500	
15MHz	DFT-s-OFDM QPSK	1	1	23.79	23.75	23.90	24.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				343000	349000	355000	
10MHz	DFT-s-OFDM QPSK	1	1	23.79	23.74	23.84	24.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up



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				342500	349000	355500	
5MHz	DFT-s-OFDM QPSK	1	1	23.80	23.81	23.94	24.70



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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	24.90	24.88	24.91	25.70
		1	108	24.88	24.89	24.83	25.70
		1	214	24.83	24.88	24.75	25.70
		108	0	23.78	23.79	23.82	24.70
		108	54	24.84	24.86	24.80	25.70
		108	108	23.76	23.90	23.88	24.70
		216	0	23.80	23.84	23.78	24.70
	DFT-s-OFDM 16QAM	1	1	23.70	23.79	23.80	24.70
	DFT-s-OFDM 64QAM	1	1	22.15	22.13	22.16	23.20
	DFT-s-OFDM 256QAM	1	1	20.10	20.13	20.22	21.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				346000	349000	352000	
40MHz	CP-OFDM QPSK	1	1	23.30	23.37	23.31	24.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				345000	349000	353000	
30MHz	DFT-s-OFDM QPSK	1	1	24.83	24.78	24.89	25.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				344000	349000	354000	
20MHz	DFT-s-OFDM QPSK	1	1	24.74	24.75	24.88	25.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				343500	349000	354500	
15MHz	DFT-s-OFDM QPSK	1	1	24.91	24.84	24.90	25.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				343000	349000	355000	
10MHz	DFT-s-OFDM QPSK	1	1	24.74	24.77	24.85	25.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up



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				342500	349000	355500	
5MHz	DFT-s-OFDM QPSK	1	1	24.76	24.76	24.84	25.70



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7 Conducted Power of WIFI and Bluetooth

7.1 Conducted Power of 2.4G WIFI

WIFI 2.4G Ant 12 Body Standalone					
Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11b	1	2412	1	18.89	20.00
	6	2437		18.88	20.00
	11	2462		18.70	20.00
802.11g	1	2412	6	15.21	17.00
	6	2437		15.60	17.00
	11	2462		15.33	17.00
802.11n HT20	1	2412	6.5	16.22	18.00
	6	2437		16.37	18.00
	11	2462		16.20	18.00
802.11n HT40	3	2422	13.5	14.53	15.50
	7	2442		14.56	15.50
	11	2462		14.17	15.50
802.11ac VHT20	1	2412	MCS0	16.18	18.00
	6	2437		16.35	18.00
	11	2462		16.11	18.00
802.11ac VHT40	3	2422	MCS0	17.27	18.00
	6	2437		17.19	18.00
	9	2452		16.89	18.00
802.11ax HE20	1	2412	MCS0	16.68	18.00
	6	2437		16.98	18.00
	11	2462		16.66	18.00
802.11ax HE40	3	2422	MCS0	14.83	16.00
	6	2437		14.55	16.00
	9	2452		14.09	16.00



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WIFI 2.4G Ant 12 Head Standalone					
Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11b	1	2412	1	16.90	18.00
	6	2437		16.87	18.00
	11	2462		16.73	18.00
802.11g	1	2412	6	13.12	15.00
	6	2437		13.57	15.00
	11	2462		13.41	15.00
802.11n HT20	1	2412	6.5	14.31	16.00
	6	2437		14.36	16.00
	11	2462		14.25	16.00
802.11n HT40	3	2422	13.5	12.53	13.50
	7	2442		12.49	13.50
	11	2462		12.27	13.50
802.11ac VHT20	1	2412	MCS0	14.08	16.00
	6	2437		14.39	16.00
	11	2462		14.21	16.00
802.11ac VHT40	3	2422	MCS0	15.17	16.00
	6	2437		15.12	16.00
	9	2452		14.91	16.00
802.11ax HE20	1	2412	MCS0	14.59	16.00
	6	2437		14.95	16.00
	11	2462		14.74	16.00
802.11ax HE40	3	2422	MCS0	12.86	14.00
	6	2437		12.58	14.00
	9	2452		12.18	14.00



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WIFI 2.4G Ant 12 Head&Body WWAN+2.4G/5G					
Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11b	1	2412	1	12.35	13.50
	6	2437		12.43	13.50
	11	2462		12.26	13.50
802.11g	1	2412	6	8.76	10.50
	6	2437		9.22	10.50
	11	2462		8.92	10.50
802.11n HT20	1	2412	6.5	9.89	11.50
	6	2437		9.91	11.50
	11	2462		9.78	11.50
802.11n HT40	3	2422	13.5	8.04	9.00
	7	2442		7.95	9.00
	11	2462		7.89	9.00
802.11ac VHT20	1	2412	MCS0	9.65	11.50
	6	2437		9.88	11.50
	11	2462		9.76	11.50
802.11ac VHT40	3	2422	MCS0	10.67	11.50
	6	2437		10.71	11.50
	9	2452		10.52	11.50
802.11ax HE20	1	2412	MCS0	10.21	11.50
	6	2437		10.47	11.50
	11	2462		10.20	11.50
802.11ax HE40	3	2422	MCS0	8.39	9.50
	6	2437		8.20	9.50
	9	2452		7.73	9.50



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7.2 Conducted Power of 5G WIFI

WIFI 5G Ant 12 Body Standalone						
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11a	U-NII-1	36	5180	6	15.06	16.00
		40	5200		15.10	16.00
		44	5220		14.98	16.00
		48	5240		15.47	16.00
	U-NII-2A	52	5260		14.51	16.00
		56	5280		14.22	16.00
		60	5300		14.26	16.00
		64	5320		14.08	16.00
	U-NII-2C	100	5500		12.02	13.00
		104	5520		11.98	13.00
		108	5540		12.10	13.00
		112	5560		12.01	13.00
		116	5580		12.09	13.00
		120	5600		12.00	13.00
		124	5620		11.99	13.00
		128	5640		12.03	13.00
		132	5660		11.97	13.00
		136	5680		11.95	13.00
		140	5700		12.12	13.00
	U-NII-3	149	5745		16.98	18.00
		153	5765		16.86	18.00
		157	5785		16.76	18.00
		161	5805		16.79	18.00
		165	5825		16.47	18.00
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11n-HT20	U-NII-1	36	5180	MCS0	14.66	16.00
		40	5200		14.67	16.00
		44	5220		14.69	16.00
		48	5240		15.03	16.00
	U-NII-2A	52	5260		14.05	16.00
		56	5280		14.06	16.00

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		60	5300		14.03	16.00
		64	5320		14.29	16.00
	U-NII-2C	100	5500		14.36	16.00
		104	5520		14.11	16.00
		108	5540		14.26	16.00
		112	5560		14.24	16.00
		116	5580		14.01	16.00
		120	5600		14.16	16.00
		124	5620		14.12	16.00
		128	5640		14.06	16.00
		132	5660		14.09	16.00
		136	5680		14.68	16.00
		140	5700		14.72	16.00
		149	5745		16.67	18.00
	U-NII-3	153	5765		16.55	18.00
		157	5785		16.39	18.00
		161	5805		16.48	18.00
		165	5825		16.14	18.00
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11n-HT40	U-NII-1	38	5190	MCS0	15.41	16.00
		46	5230		15.66	16.00
	U-NII-2A	54	5270		14.78	16.00
		62	5310		14.21	16.00
	U-NII-2C	102	5510		15.33	16.00
		110	5550		14.75	16.00
		118	5590		14.69	16.00
		126	5630		14.66	16.00
	U-NII-3	134	5670		14.92	16.00
		151	5755		17.22	17.50
		159	5795		16.66	17.50
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ac VHT20	U-NII-1	36	5180	MCS0	14.64	16.00
		40	5200		14.63	16.00
		44	5220		14.59	16.00
		48	5240		14.98	16.00
	U-NII-2A	52	5260		14.19	16.00



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		56	5280		14.10	16.00
		60	5300		14.06	16.00
		64	5320		14.27	16.00
	U-NII-2C	100	5500		14.79	16.00
		104	5520		14.69	16.00
		108	5540		14.65	16.00
		112	5560		14.66	16.00
		116	5580		14.82	16.00
		120	5600		14.85	16.00
		124	5620		14.78	16.00
		128	5640		14.65	16.00
		132	5660		14.61	16.00
		136	5680		14.67	16.00
		140	5700		14.74	16.00
	U-NII-3	149	5745		16.64	18.00
		153	5765		16.59	18.00
		157	5785		16.33	18.00
		161	5805		16.29	18.00
		165	5825		16.13	18.00
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ac VHT40	U-NII-1	38	5190	MCS0	11.32	12.50
		46	5230		11.30	12.50
	U-NII-2A	54	5270		11.95	12.50
		62	5310		11.54	12.50
	U-NII-2C	102	5510		12.57	13.00
		110	5550		12.53	13.00
		118	5590		12.39	13.00
		126	5630		12.41	13.00
		134	5670		12.51	13.00
	U-NII-3	151	5755		17.21	18.00
		159	5795		16.68	18.00
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ac VHT80	U-NII-1	42	5210	MCS0	10.52	12.00
	U-NII-2A	58	5290		12.24	13.00
	U-NII-2C	106	5530		12.75	13.00



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		122	5610		12.70	13.00
	U-NII-3	155	5775		12.70	13.50
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ax HEW20	U-NII-1	36	5180	MCS0	15.41	16.00
		40	5200		15.33	16.00
		44	5220		15.30	16.00
		48	5240		15.71	16.00
	U-NII-2A	52	5260		15.71	16.00
		56	5280		15.29	16.00
		60	5300		14.08	16.00
		64	5320		14.49	16.00
	U-NII-2C	100	5500		14.98	16.00
		104	5520		14.85	16.00
		108	5540		14.76	16.00
		112	5560		14.89	16.00
		116	5580		14.95	16.00
		120	5600		14.87	16.00
		124	5620		14.96	16.00
		128	5640		14.97	16.00
	U-NII-3	132	5660		14.96	16.00
		136	5680		15.00	16.00
		140	5700		15.21	16.00
		149	5745		17.25	18.00
		153	5765		17.13	18.00
		157	5785		17.04	18.00
		161	5805		17.08	18.00
		165	5825		16.59	18.00
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ax HEW40	U-NII-1	38	5190	MCS0	11.87	13.00
		46	5230		11.89	13.00
	U-NII-2A	54	5270		11.87	12.50
		62	5310		11.44	12.50
	U-NII-2C	102	5510		12.34	13.00
		110	5550		12.22	13.00
		118	5590		12.11	13.00



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		126	5630		12.16	13.00
		134	5670		12.28	13.00
	U-NII-3	151	5755		17.31	17.50
		159	5795		16.74	17.50
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ax HEW80	U-NII-1	42	5210	MCS0	9.84	11.50
	U-NII-2A	58	5290		11.99	13.00
	U-NII-2C	106	5530		12.53	13.00
		122	5610		12.49	13.00
	U-NII-3	155	5775		16.78	18.00



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WIFI 5G Ant12 Head Standalone						
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11a	U-NII-1	36	5180	6	13.09	14.00
		40	5200		13.20	14.00
		44	5220		12.97	14.00
		48	5240		13.51	14.00
	U-NII-2A	52	5260		12.56	14.00
		56	5280		12.19	14.00
		60	5300		12.21	14.00
		64	5320		12.14	14.00
	U-NII-2C	100	5500		12.47	13.50
		104	5520		12.45	13.50
		108	5540		12.63	13.50
		112	5560		12.61	13.50
		116	5580		12.58	13.50
		120	5600		12.43	13.50
		124	5620		12.58	13.50
		128	5640		12.63	13.50
		132	5660		12.55	13.50
		136	5680		12.51	13.50
		140	5700		12.67	13.50
	U-NII-3	149	5745		16.51	17.50
		153	5765		16.40	17.50
		157	5785		16.22	17.50
		161	5805		16.23	17.50
		165	5825		16.01	17.50
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11n-HT20	U-NII-1	36	5180	MCS0	12.58	14.00
		40	5200		12.64	14.00
		44	5220		12.69	14.00
		48	5240		13.13	14.00
	U-NII-2A	52	5260		12.12	14.00
		56	5280		12.12	14.00
		60	5300		12.13	14.00



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		64	5320		12.30	14.00
		100	5500		14.91	16.50
		104	5520		14.69	16.50
		108	5540		14.84	16.50
		112	5560		14.84	16.50
		116	5580		14.61	16.50
		120	5600		14.72	16.50
		124	5620		14.71	16.50
		128	5640		14.51	16.50
		132	5660		14.51	16.50
		136	5680		15.10	16.50
		140	5700		15.30	16.50
		149	5745		16.13	17.50
		153	5765		16.14	17.50
		157	5785		15.80	17.50
		161	5805		16.01	17.50
		165	5825		15.71	17.50
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11n-HT40	U-NII-1	38	5190	MCS0	13.49	14.00
		46	5230		13.70	14.00
	U-NII-2A	54	5270		12.86	14.00
		62	5310		12.23	14.00
	U-NII-2C	102	5510		15.73	16.50
		110	5550		15.23	16.50
		118	5590		15.10	16.50
		126	5630		15.21	16.50
		134	5670		15.33	16.50
	U-NII-3	151	5755		16.69	17.00
		159	5795		16.08	17.00
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ac VHT20	U-NII-1	36	5180	MCS0	12.72	14.00
		40	5200		12.53	14.00
		44	5220		12.62	14.00
		48	5240		13.08	14.00
	U-NII-2A	52	5260		12.26	14.00
		56	5280		12.05	14.00



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		60	5300		12.04	14.00
		64	5320		12.23	14.00
	U-NII-2C	100	5500		15.33	16.50
		104	5520		15.18	16.50
		108	5540		15.18	16.50
		112	5560		15.20	16.50
		116	5580		15.32	16.50
		120	5600		15.45	16.50
		124	5620		15.34	16.50
		128	5640		15.17	16.50
		132	5660		15.16	16.50
		136	5680		15.19	16.50
		140	5700		15.19	16.50
		149	5745		16.04	17.50
	U-NII-3	153	5765		16.08	17.50
		157	5785		15.93	17.50
		161	5805		15.78	17.50
		165	5825		15.71	17.50
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ac VHT40	U-NII-1	38	5190	MCS0	9.29	10.50
		46	5230		9.22	10.50
	U-NII-2A	54	5270		9.97	10.50
		62	5310		9.70	10.50
	U-NII-2C	102	5510		13.15	13.50
		110	5550		13.05	13.50
		118	5590		12.84	13.50
		126	5630		12.86	13.50
		134	5670		13.00	13.50
	U-NII-3	151	5755		16.66	17.50
		159	5795		16.26	17.50
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ac VHT80	U-NII-1	42	5210	MCS0	8.58	10.00
	U-NII-2A	58	5290		10.29	11.00
	U-NII-2C	106	5530		13.30	13.50
		122	5610		13.23	13.50



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	U-NII-3	155	5775		12.14	13.00
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ax HEW20	U-NII-1	36	5180	MCS0	13.32	14.00
		40	5200		13.31	14.00
		44	5220		13.24	14.00
		48	5240		13.64	14.00
	U-NII-2A	52	5260		13.77	14.00
		56	5280		13.36	14.00
		60	5300		12.14	14.00
		64	5320		12.49	14.00
	U-NII-2C	100	5500		15.52	16.50
		104	5520		15.25	16.50
		108	5540		15.31	16.50
		112	5560		15.31	16.50
		116	5580		15.44	16.50
		120	5600		15.36	16.50
		124	5620		15.52	16.50
		128	5640		15.38	16.50
		132	5660		15.47	16.50
		136	5680		15.47	16.50
		140	5700		15.81	16.50
	U-NII-3	149	5745		16.69	17.50
		153	5765		16.60	17.50
		157	5785		16.47	17.50
		161	5805		16.56	17.50
		165	5825		16.05	17.50
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ax HEW40	U-NII-1	38	5190	MCS0	9.93	11.00
		46	5230		9.84	11.00
	U-NII-2A	54	5270		9.84	10.50
		62	5310		9.51	10.50
	U-NII-2C	102	5510		12.81	13.50
		110	5550		12.71	13.50
		118	5590		12.65	13.50
		126	5630		12.69	13.50



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		134	5670		12.78	13.50
	U-NII-3	151	5755		16.76	17.00
		159	5795		16.22	17.00
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ax HEW80	U-NII-1	42	5210	MCS0	7.87	9.50
	U-NII-2A	58	5290		9.90	11.00
	U-NII-2C	106	5530		13.11	13.50
		122	5610		13.04	13.50
	U-NII-3	155	5775		16.31	17.50



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WIFI 5G Ant12 Body WWAN+2.4G/5G						
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11a	U-NII-1	36	5180	6	11.00	12.00
		40	5200		11.18	12.00
		44	5220		11.07	12.00
		48	5240		11.57	12.00
	U-NII-2A	52	5260		10.48	12.00
		56	5280		10.21	12.00
		60	5300		10.34	12.00
		64	5320		10.08	12.00
	U-NII-2C	100	5500		8.44	9.50
		104	5520		8.43	9.50
		108	5540		8.51	9.50
		112	5560		8.61	9.50
		116	5580		8.54	9.50
		120	5600		8.50	9.50
		124	5620		8.48	9.50
		128	5640		8.57	9.50
		132	5660		8.57	9.50
		136	5680		8.55	9.50
		140	5700		8.69	9.50
		149	5745		13.07	14.00
	U-NII-3	153	5765		12.96	14.00
		157	5785		12.72	14.00
		161	5805		12.78	14.00
		165	5825		12.47	14.00
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11n-HT20	U-NII-1	36	5180	MCS0	10.61	12.00
		40	5200		10.68	12.00
		44	5220		10.79	12.00
		48	5240		11.05	12.00
	U-NII-2A	52	5260		10.11	12.00
		56	5280		10.07	12.00
		60	5300		10.05	12.00



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		64	5320		10.22	12.00
		100	5500		10.90	12.50
		104	5520		10.71	12.50
		108	5540		10.67	12.50
		112	5560		10.75	12.50
		116	5580		10.52	12.50
		120	5600		10.65	12.50
		124	5620		10.53	12.50
		128	5640		10.58	12.50
		132	5660		10.65	12.50
		136	5680		11.25	12.50
		140	5700		11.16	12.50
		149	5745		12.72	14.00
		153	5765		12.65	14.00
		157	5785		12.33	14.00
		161	5805		12.51	14.00
		165	5825		12.09	14.00
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11n-HT40	U-NII-1	38	5190	MCS0	11.48	12.00
		46	5230		11.60	12.00
	U-NII-2A	54	5270		10.75	12.00
		62	5310		10.23	12.00
	U-NII-2C	102	5510		11.75	12.50
		110	5550		11.19	12.50
		118	5590		11.19	12.50
		126	5630		11.12	12.50
		134	5670		11.44	12.50
	U-NII-3	151	5755		13.27	13.50
		159	5795		12.61	13.50
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ac VHT20	U-NII-1	36	5180	MCS0	10.74	12.00
		40	5200		10.64	12.00
		44	5220		10.56	12.00
		48	5240		10.88	12.00
	U-NII-2A	52	5260		10.12	12.00
		56	5280		10.07	12.00



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		60	5300		10.14	12.00
		64	5320		10.22	12.00
	U-NII-2C	100	5500		11.32	12.50
		104	5520		11.28	12.50
		108	5540		11.07	12.50
		112	5560		11.09	12.50
		116	5580		11.23	12.50
		120	5600		11.39	12.50
		124	5620		11.30	12.50
		128	5640		11.05	12.50
		132	5660		11.19	12.50
		136	5680		11.18	12.50
		140	5700		11.19	12.50
		149	5745		12.56	14.00
	U-NII-3	153	5765		12.50	14.00
		157	5785		12.38	14.00
		161	5805		12.35	14.00
		165	5825		12.15	14.00
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ac VHT40	U-NII-1	38	5190	MCS0	7.32	8.50
		46	5230		7.35	8.50
	U-NII-2A	54	5270		7.91	8.50
		62	5310		7.50	8.50
	U-NII-2C	102	5510		9.10	9.50
		110	5550		9.13	9.50
		118	5590		8.90	9.50
		126	5630		8.86	9.50
		134	5670		8.99	9.50
	U-NII-3	151	5755		13.23	14.00
		159	5795		12.65	14.00
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ac VHT80	U-NII-1	42	5210	MCS0	6.57	8.00
	U-NII-2A	58	5290		8.15	9.00
	U-NII-2C	106	5530		9.16	9.50
		122	5610		9.24	9.50



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	U-NII-3	155	5775		8.62	9.50
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ax HEW20	U-NII-1	36	5180	MCS0	11.34	12.00
		40	5200		11.37	12.00
		44	5220		11.40	12.00
		48	5240		11.74	12.00
	U-NII-2A	52	5260		11.74	12.00
		56	5280		11.20	12.00
		60	5300		10.09	12.00
		64	5320		10.43	12.00
	U-NII-2C	100	5500		11.58	12.50
		104	5520		11.31	12.50
		108	5540		11.28	12.50
		112	5560		11.39	12.50
		116	5580		11.47	12.50
		120	5600		11.46	12.50
		124	5620		11.53	12.50
		128	5640		11.52	12.50
		132	5660		11.54	12.50
		136	5680		11.44	12.50
		140	5700		11.65	12.50
	U-NII-3	149	5745		13.18	14.00
		153	5765		13.03	14.00
		157	5785		13.14	14.00
		161	5805		13.11	14.00
		165	5825		12.65	14.00
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ax HEW40	U-NII-1	38	5190	MCS0	7.79	9.00
		46	5230		7.99	9.00
	U-NII-2A	54	5270		7.81	8.50
		62	5310		7.40	8.50
	U-NII-2C	102	5510		8.85	9.50
		110	5550		8.74	9.50
		118	5590		8.60	9.50
		126	5630		8.62	9.50



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		134	5670		8.79	9.50
	U-NII-3	151	5755		13.22	13.50
		159	5795		12.65	13.50
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ax HEW80	U-NII-1	42	5210	MCS0	5.91	7.50
	U-NII-2A	58	5290		8.05	9.00
	U-NII-2C	106	5530		9.05	9.50
		122	5610		8.99	9.50
	U-NII-3	155	5775		12.79	14.00



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WIFI 5G Ant12 Head WWAN+2.4G/5G						
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11a	U-NII-1	36	5180	6	8.61	9.50
		40	5200		8.63	9.50
		44	5220		8.41	9.50
		48	5240		8.92	9.50
	U-NII-2A	52	5260		8.05	9.50
		56	5280		7.70	9.50
		60	5300		7.86	9.50
		64	5320		7.52	9.50
	U-NII-2C	100	5500		7.99	9.00
		104	5520		7.91	9.00
		108	5540		8.10	9.00
		112	5560		7.95	9.00
		116	5580		8.02	9.00
		120	5600		8.05	9.00
		124	5620		7.95	9.00
		128	5640		8.01	9.00
		132	5660		8.06	9.00
		136	5680		7.88	9.00
		140	5700		8.08	9.00
	U-NII-3	149	5745		12.54	13.50
		153	5765		12.42	13.50
		157	5785		12.20	13.50
		161	5805		12.36	13.50
		165	5825		12.00	13.50
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11n-HT20	U-NII-1	36	5180	MCS0	8.07	9.50
		40	5200		8.12	9.50
		44	5220		8.19	9.50
		48	5240		8.49	9.50
	U-NII-2A	52	5260		7.64	9.50
		56	5280		7.65	9.50
		60	5300		7.50	9.50



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		64	5320		7.73	9.50
		100	5500		10.45	12.00
		104	5520		10.18	12.00
		108	5540		10.25	12.00
		112	5560		10.32	12.00
		116	5580		10.12	12.00
		120	5600		10.13	12.00
		124	5620		10.07	12.00
		128	5640		10.15	12.00
		132	5660		10.18	12.00
		136	5680		10.68	12.00
		140	5700		10.65	12.00
	U-NII-2C	149	5745		12.19	13.50
		153	5765		12.13	13.50
		157	5785		11.79	13.50
		161	5805		11.91	13.50
		165	5825		11.69	13.50
	U-NII-3					
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11n-HT40	U-NII-1	38	5190	MCS0	8.87	9.50
		46	5230		9.08	9.50
	U-NII-2A	54	5270		8.31	9.50
		62	5310		7.78	9.50
	U-NII-2C	102	5510		11.30	12.00
		110	5550		10.78	12.00
		118	5590		10.64	12.00
		126	5630		10.71	12.00
		134	5670		11.02	12.00
	U-NII-3	151	5755		12.63	13.00
		159	5795		12.22	13.00
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ac VHT20	U-NII-1	36	5180	MCS0	8.12	9.50
		40	5200		8.06	9.50
		44	5220		8.01	9.50
		48	5240		8.48	9.50
	U-NII-2A	52	5260		7.77	9.50
		56	5280		7.67	9.50



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		60	5300		7.64	9.50
		64	5320		7.86	9.50
	U-NII-2C	100	5500		10.85	12.00
		104	5520		10.62	12.00
		108	5540		10.62	12.00
		112	5560		10.75	12.00
		116	5580		10.83	12.00
		120	5600		10.80	12.00
		124	5620		10.74	12.00
		128	5640		10.60	12.00
		132	5660		10.66	12.00
		136	5680		10.69	12.00
		140	5700		10.71	12.00
		149	5745		12.17	13.50
	U-NII-3	153	5765		12.05	13.50
		157	5785		11.84	13.50
		161	5805		11.75	13.50
		165	5825		11.53	13.50
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ac VHT40	U-NII-1	38	5190	MCS0	4.89	6.00
		46	5230		4.73	6.00
	U-NII-2A	54	5270		5.35	6.00
		62	5310		5.01	6.00
	U-NII-2C	102	5510		8.58	9.00
		110	5550		8.55	9.00
		118	5590		8.36	9.00
		126	5630		8.36	9.00
		134	5670		8.42	9.00
	U-NII-3	151	5755		12.69	13.50
		159	5795		12.17	13.50
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ac VHT80	U-NII-1	42	5210	MCS0	4.07	5.50
	U-NII-2A	58	5290		5.83	6.50
	U-NII-2C	106	5530		8.83	9.00
		122	5610		8.61	9.00



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	U-NII-3	155	5775		8.14	9.00
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ax HEW20	U-NII-1	36	5180	MCS0	8.86	9.50
		40	5200		8.79	9.50
		44	5220		8.75	9.50
		48	5240		9.26	9.50
	U-NII-2A	52	5260		9.19	9.50
		56	5280		8.76	9.50
		60	5300		7.52	9.50
		64	5320		8.02	9.50
	U-NII-2C	100	5500		10.99	12.00
		104	5520		10.78	12.00
		108	5540		10.82	12.00
		112	5560		10.79	12.00
		116	5580		11.03	12.00
		120	5600		10.81	12.00
		124	5620		10.98	12.00
		128	5640		11.05	12.00
		132	5660		10.96	12.00
		136	5680		11.00	12.00
		140	5700		11.29	12.00
	U-NII-3	149	5745		12.74	13.50
		153	5765		12.72	13.50
		157	5785		12.60	13.50
		161	5805		12.51	13.50
		165	5825		12.17	13.50
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ax HEW40	U-NII-1	38	5190	MCS0	5.34	6.50
		46	5230		5.42	6.50
	U-NII-2A	54	5270		5.32	6.00
		62	5310		4.94	6.00
	U-NII-2C	102	5510		8.32	9.00
		110	5550		8.21	9.00
		118	5590		8.08	9.00
		126	5630		8.15	9.00



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		134	5670		8.37	9.00
	U-NII-3	151	5755		12.77	13.00
		159	5795		12.29	13.00
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ax HEW80	U-NII-1	42	5210	MCS0	3.24	5.00
	U-NII-2A	58	5290		5.54	6.50
	U-NII-2C	106	5530		8.54	9.00
		122	5610		8.47	9.00
	U-NII-3	155	5775		12.20	13.50



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7.3 Conducted Power of Bluetooth

BT		Average Conducted Power(dBm)			
Band	Channel	0	39	Tune up	78
BT	GFSK	12.44	12.74	14	10.89
	$\pi/4$ DQPSK	12.60	12.83	13.5	11.01
	8DPSK	12.85	13.09	13.5	11.28
Band	Channel	0	19	Tune up	39
BLE 1M	GFSK	5.01	5.21	6	3.53
Band	Channel	1	19	Tune up	38
BLE 2M	GFSK	5.18	5.39	6	3.67

- End of the Appendix -