

## *Appendix A - Conducted Power Measurements*

**<Laptop Mode>**

<b>WCDMA Band</b>		<b>Maximum Tune-up</b>
II	RMC12.2K	24.5
	HSDPA DC-HSDPA	24.5
	HSUPA HSPA+	24.5
IV	RMC12.2K	24.5
	HSDPA DC-HSDPA	24.5
	HSUPA HSPA+	24.5
V	RMC12.2K	24.5
	HSDPA DC-HSDPA	24.5
	HSUPA HSPA+	24.5

<b>LTE Band</b>		<b>Maximum Tune-up</b>
2	FDD	24.0
4	FDD	24.0
5	FDD	25.0
7	FDD	24.0
12	FDD	25.0
13	FDD	25.0
14	FDD	25.0
17	FDD	25.0
25	FDD	24.0
26	FDD	25.0
30	FDD	23.0
38	TDD	24.0
41_PC3	TDD	24.0
41_PC2	TDD	27.0
48	TDD	22.0
66	FDD	24.0
71	FDD	25.0

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	Uplink Channel	9262	9400	9538	Tune up (dBm)	MPR
	Uplink Frequency	1852.4	1880.0	1907.6		
<b>WCDMA II</b>	RMC_12.2Kbps	24.31	24.37	24.28	24.5	-
	HSDPA_Subtest 1	24.26	24.33	24.22	24.5	0
	HSDPA_Subtest 2	24.23	24.3	24.18	24.5	0
	HSDPA_Subtest 3	23.78	23.83	23.72	24	0-0.5
	HSDPA_Subtest 4	23.74	23.79	23.68	24	0-0.5
	HSUPA_Subtest 1	24.3	24.35	24.24	24.5	0
	HSUPA_Subtest 2	22.34	22.38	22.3	22.5	0-2
	HSUPA_Subtest 3	23.31	23.36	23.26	23.5	0-1
	HSUPA_Subtest 4	22.29	22.35	22.23	22.5	0-2
	HSUPA_Subtest 5	24.31	24.34	24.25	24.5	0
	DC-HSDPA_Subtest 1	24.22	24.28	24.17	24.5	0
	DC-HSDPA_Subtest 2	24.28	24.32	24.21	24.5	0
	DC-HSDPA_Subtest 3	23.83	23.86	23.77	24	0-0.5
	DC-HSDPA_Subtest 4	23.74	23.78	23.69	24	0-0.5
	HSPA+_Subtest 1	21.76	21.82	21.72	22	0-2.5

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	Uplink Channel	1312	1413	1513	Tune up (dBm)	MPR
	Uplink Frequency	1712.4	1732.6	1752.6		
<b>WCDMA IV</b>	RMC_12.2Kbps	24.04	24.09	23.98	24.5	-
	HSDPA_Subtest 1	24.02	24.06	23.94	24.5	0
	HSDPA_Subtest 2	23.97	24.01	23.92	24.5	0
	HSDPA_Subtest 3	23.56	23.6	23.52	24	0-0.5
	HSDPA_Subtest 4	23.49	23.53	23.44	24	0-0.5
	HSUPA_Subtest 1	23.94	23.99	23.9	24.5	0
	HSUPA_Subtest 2	22.03	22.06	21.98	22.5	0-2
	HSUPA_Subtest 3	22.96	23	22.91	23.5	0-1
	HSUPA_Subtest 4	21.97	22.02	21.94	22.5	0-2
	HSUPA_Subtest 5	24	24.05	23.95	24.5	0
	DC-HSDPA_Subtest 1	24.04	24.07	23.97	24.5	0
	DC-HSDPA_Subtest 2	23.93	23.97	23.88	24.5	0
	DC-HSDPA_Subtest 3	23.51	23.55	23.44	24	0-0.5
	DC-HSDPA_Subtest 4	23.46	23.52	23.4	24	0-0.5
	HSPA+_Subtest 1	21.44	21.48	21.39	22	0-2.5

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	Uplink Channel	4132	4182	4233	Tune up (dBm)	MPR
	Uplink Frequency	826.4	836.4	846.6		
<b>WCDMA V</b>	RMC_12.2Kbps	23.91	23.93	23.88	24.5	-
	HSDPA_Subtest 1	23.82	23.86	23.8	24.5	0
	HSDPA_Subtest 2	23.82	23.85	23.79	24.5	0
	HSDPA_Subtest 3	23.54	23.59	23.51	24	0-0.5
	HSDPA_Subtest 4	23.5	23.54	23.42	24	0-0.5
	HSUPA_Subtest 1	23.79	23.83	23.74	24.5	0
	HSUPA_Subtest 2	22.23	22.29	22.18	22.5	0-2
	HSUPA_Subtest 3	23.2	23.27	23.17	23.5	0-1
	HSUPA_Subtest 4	22.26	22.33	22.18	22.5	0-2
	HSUPA_Subtest 5	23.85	23.88	23.8	24.5	0
	DC-HSDPA_Subtest 1	23.81	23.84	23.77	24.5	0
	DC-HSDPA_Subtest 2	23.84	23.86	23.81	24.5	0
	DC-HSDPA_Subtest 3	23.53	23.59	23.49	24	0-0.5
	DC-HSDPA_Subtest 4	23.5	23.54	23.44	24	0-0.5
	HSPA+_Subtest 1	21.57	21.64	21.52	22	0-2.5

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LTE Band 2							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
18700	18900	19100	Channel				
1860	1880	1900	Freq. (MHz)				
23.40	23.45	23.31	24	QPSK	20MHz	1	0
23.29	23.33	23.23	24	QPSK	20MHz	1	49
23.34	23.38	23.25	24	QPSK	20MHz	1	99
22.40	22.46	22.31	23	QPSK	20MHz	50	0
22.38	22.44	22.27	23	QPSK	20MHz	50	25
22.37	22.41	22.25	23	QPSK	20MHz	50	50
22.40	22.45	22.32	23	QPSK	20MHz	100	0
22.71	22.73	22.58	23	16QAM	20MHz	1	0
22.53	22.60	22.53	23	16QAM	20MHz	1	49
22.57	22.62	22.32	23	16QAM	20MHz	1	99
21.42	21.47	21.34	22	16QAM	20MHz	50	0
21.40	21.45	21.31	22	16QAM	20MHz	50	25
21.38	21.42	21.29	22	16QAM	20MHz	50	50
21.42	21.44	21.30	22	16QAM	20MHz	100	0

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LTE Band 2								
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset	
18675	18900	19125	Channel					
1857.5	1880	1902.5	Freq. (MHz)					
23.30	23.42	23.23	24	QPSK	15MHz	1	0	
23.26	23.27	23.21	24	QPSK	15MHz	1	37	
23.32	23.37	23.25	24	QPSK	15MHz	1	74	
22.32	22.37	22.22	23	QPSK	15MHz	36	0	
22.32	22.43	22.17	23	QPSK	15MHz	36	19	
22.32	22.32	22.23	23	QPSK	15MHz	36	39	
22.40	22.37	22.22	23	QPSK	15MHz	75	0	
22.62	22.65	22.51	23	16QAM	15MHz	1	0	
22.44	22.58	22.53	23	16QAM	15MHz	1	37	
22.48	22.55	22.23	23	16QAM	15MHz	1	74	
21.39	21.39	21.28	22	16QAM	15MHz	36	0	
21.31	21.44	21.23	22	16QAM	15MHz	36	19	
21.34	21.35	21.26	22	16QAM	15MHz	36	39	
21.32	21.40	21.22	22	16QAM	15MHz	75	0	



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LTE Band 2							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
18650	18900	19150	Channel				
1855	1880	1905	Freq. (MHz)				
23.36	23.39	23.06	24	QPSK	10MHz	1	0
23.18	23.19	23.18	24	QPSK	10MHz	1	24
23.18	23.35	23.14	24	QPSK	10MHz	1	49
22.28	22.37	22.14	23	QPSK	10MHz	25	0
22.24	22.40	22.19	23	QPSK	10MHz	25	12
22.27	22.29	22.21	23	QPSK	10MHz	25	25
22.37	22.39	22.11	23	QPSK	10MHz	50	0
22.61	22.67	22.36	23	16QAM	10MHz	1	0
22.40	22.43	22.50	23	16QAM	10MHz	1	24
22.38	22.51	22.21	23	16QAM	10MHz	1	49
21.35	21.44	21.19	22	16QAM	10MHz	25	0
21.22	21.39	21.09	22	16QAM	10MHz	25	12
21.20	21.33	21.06	22	16QAM	10MHz	25	25
21.32	21.36	21.20	22	16QAM	10MHz	50	0

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LTE Band 2								
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset	
18625	18900	19175	Channel					
1852.5	1880	1907.5	Freq. (MHz)					
23.26	23.41	23.20	24	QPSK	5MHz	1	0	
23.13	23.13	23.19	24	QPSK	5MHz	1	12	
23.17	23.31	22.97	24	QPSK	5MHz	1	24	
22.32	22.34	22.10	23	QPSK	5MHz	12	0	
22.21	22.35	22.10	23	QPSK	5MHz	12	6	
22.33	22.24	21.97	23	QPSK	5MHz	12	13	
22.38	22.25	21.95	23	QPSK	5MHz	25	0	
22.51	22.60	22.43	23	16QAM	5MHz	1	0	
22.32	22.45	22.34	23	16QAM	5MHz	1	12	
22.39	22.47	22.15	23	16QAM	5MHz	1	24	
21.34	21.36	21.26	22	16QAM	5MHz	12	0	
21.18	21.32	21.16	22	16QAM	5MHz	12	6	
21.24	21.29	21.18	22	16QAM	5MHz	12	13	
21.33	21.29	21.09	22	16QAM	5MHz	25	0	

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LTE Band 2								
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset	
18615	18900	19185	Channel					
1851.5	1880	1908.5	Freq. (MHz)					
23.34	23.38	23.29	24	QPSK	3MHz	1	0	
23.15	23.19	23.10	24	QPSK	3MHz	1	7	
23.28	23.35	23.23	24	QPSK	3MHz	1	14	
22.28	22.38	22.29	23	QPSK	3MHz	8	0	
22.17	22.29	22.19	23	QPSK	3MHz	8	3	
22.31	22.25	22.25	23	QPSK	3MHz	8	7	
22.21	22.37	22.14	23	QPSK	3MHz	15	0	
22.61	22.55	22.48	23	16QAM	3MHz	1	0	
22.34	22.48	22.34	23	16QAM	3MHz	1	7	
22.45	22.52	22.17	23	16QAM	3MHz	1	14	
21.24	21.33	21.16	22	16QAM	3MHz	8	0	
21.25	21.43	21.22	22	16QAM	3MHz	8	3	
21.32	21.34	21.10	22	16QAM	3MHz	8	7	
21.33	21.27	21.18	22	16QAM	3MHz	15	0	

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LTE Band 2							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
18607	18900	19193	Channel				
1850.7	1880	1909.3	Freq. (MHz)				
23.35	23.43	23.23	24	QPSK	1.4MHz	1	0
23.15	23.11	23.18	24	QPSK	1.4MHz	1	2
23.15	23.25	23.04	24	QPSK	1.4MHz	1	5
23.32	23.30	23.24	24	QPSK	1.4MHz	3	0
23.15	23.29	23.18	24	QPSK	1.4MHz	3	1
23.30	23.39	23.07	24	QPSK	1.4MHz	3	3
22.30	22.28	22.26	23	QPSK	1.4MHz	6	0
22.60	22.68	22.42	23	16QAM	1.4MHz	1	0
22.42	22.49	22.39	23	16QAM	1.4MHz	1	2
22.48	22.42	22.25	23	16QAM	1.4MHz	1	5
22.35	22.30	22.17	23	16QAM	1.4MHz	3	0
22.33	22.34	22.16	23	16QAM	1.4MHz	3	1
22.19	22.31	22.17	23	16QAM	1.4MHz	3	3
21.19	21.28	21.14	22	16QAM	1.4MHz	6	0

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LTE Band 4							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
20050	20175	20300	Channel				
1720	1732.5	1745	Freq. (MHz)				
23.33	23.40	23.36	24	QPSK	20MHz	1	0
23.30	23.37	23.33	24	QPSK	20MHz	1	49
23.27	23.36	23.31	24	QPSK	20MHz	1	99
22.32	22.40	22.36	23	QPSK	20MHz	50	0
22.30	22.39	22.35	23	QPSK	20MHz	50	25
22.29	22.35	22.32	23	QPSK	20MHz	50	50
22.40	22.47	22.44	23	QPSK	20MHz	100	0
22.68	22.73	22.70	23	16QAM	20MHz	1	0
22.64	22.71	22.68	23	16QAM	20MHz	1	49
22.62	22.70	22.66	23	16QAM	20MHz	1	99
21.40	21.46	21.43	22	16QAM	20MHz	50	0
21.38	21.45	21.41	22	16QAM	20MHz	50	25
21.36	21.43	21.39	22	16QAM	20MHz	50	50
21.40	21.46	21.43	22	16QAM	20MHz	100	0

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LTE Band 4								
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset	
20025	20175	20325	Channel					
1717.5	1732.5	1747.5	Freq. (MHz)					
23.27	23.34	23.29	24	QPSK	15MHz	1	0	
23.27	23.34	23.29	24	QPSK	15MHz	1	37	
23.24	23.35	23.25	24	QPSK	15MHz	1	74	
22.31	22.35	22.29	23	QPSK	15MHz	36	0	
22.27	22.32	22.33	23	QPSK	15MHz	36	19	
22.28	22.30	22.30	23	QPSK	15MHz	36	39	
22.36	22.42	22.37	23	QPSK	15MHz	75	0	
22.68	22.67	22.61	23	16QAM	15MHz	1	0	
22.64	22.64	22.58	23	16QAM	15MHz	1	37	
22.62	22.66	22.64	23	16QAM	15MHz	1	74	
21.30	21.45	21.43	22	16QAM	15MHz	36	0	
21.37	21.42	21.31	22	16QAM	15MHz	36	19	
21.26	21.41	21.32	22	16QAM	15MHz	36	39	
21.38	21.37	21.36	22	16QAM	15MHz	75	0	

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LTE Band 4							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
20000	20175	20350	Channel				
1715	1732.5	1750	Freq. (MHz)				
23.24	23.26	23.21	24	QPSK	10MHz	1	0
23.12	23.34	23.14	24	QPSK	10MHz	1	24
23.12	23.27	23.15	24	QPSK	10MHz	1	49
22.18	22.16	22.13	23	QPSK	10MHz	25	0
22.15	22.29	22.17	23	QPSK	10MHz	25	12
22.10	22.26	22.16	23	QPSK	10MHz	25	25
22.25	22.30	22.33	23	QPSK	10MHz	50	0
22.45	22.59	22.60	23	16QAM	10MHz	1	0
22.63	22.51	22.54	23	16QAM	10MHz	1	24
22.45	22.68	22.45	23	16QAM	10MHz	1	49
21.23	21.34	21.28	22	16QAM	10MHz	25	0
21.23	21.28	21.35	22	16QAM	10MHz	25	12
21.11	21.40	21.26	22	16QAM	10MHz	25	25
21.27	21.38	21.34	22	16QAM	10MHz	50	0

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LTE Band 4							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
19975	20175	20375	Channel				
1712.5	1732.5	1752.5	Freq. (MHz)				
23.16	23.31	23.22	24	QPSK	5MHz	1	0
23.17	23.25	23.16	24	QPSK	5MHz	1	12
23.19	23.22	23.23	24	QPSK	5MHz	1	24
22.19	22.20	22.31	23	QPSK	5MHz	12	0
22.17	22.19	22.03	23	QPSK	5MHz	12	6
22.12	22.24	22.12	23	QPSK	5MHz	12	13
22.26	22.35	22.31	23	QPSK	5MHz	25	0
22.55	22.51	22.66	23	16QAM	5MHz	1	0
22.51	22.55	22.48	23	16QAM	5MHz	1	12
22.60	22.62	22.47	23	16QAM	5MHz	1	24
21.25	21.34	21.33	22	16QAM	5MHz	12	0
21.19	21.28	21.38	22	16QAM	5MHz	12	6
21.19	21.34	21.23	22	16QAM	5MHz	12	13
21.23	21.32	21.38	22	16QAM	5MHz	25	0



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LTE Band 4								
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset	
19965	20175	20385	Channel					
1711.5	1732.5	1753.5	Freq. (MHz)					
23.18	23.34	23.16	24	QPSK	3MHz	1	0	
23.16	23.15	23.08	24	QPSK	3MHz	1	7	
23.18	23.17	23.10	24	QPSK	3MHz	1	14	
22.19	22.28	22.29	23	QPSK	3MHz	8	0	
22.19	22.26	22.14	23	QPSK	3MHz	8	3	
22.12	22.12	22.21	23	QPSK	3MHz	8	7	
22.33	22.31	22.31	23	QPSK	3MHz	15	0	
22.59	22.60	22.59	23	16QAM	3MHz	1	0	
22.52	22.62	22.61	23	16QAM	3MHz	1	7	
22.57	22.57	22.65	23	16QAM	3MHz	1	14	
21.24	21.33	21.34	22	16QAM	3MHz	8	0	
21.26	21.36	21.35	22	16QAM	3MHz	8	3	
21.15	21.38	21.15	22	16QAM	3MHz	8	7	
21.33	21.38	21.19	22	16QAM	3MHz	15	0	

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LTE Band 4								
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset	
19957	20175	20393	Channel					
1710.7	1732.5	1754.3	Freq. (MHz)					
23.24	23.25	23.30	24	QPSK	1.4MHz	1	0	
23.15	23.27	23.19	24	QPSK	1.4MHz	1	2	
23.18	23.29	23.15	24	QPSK	1.4MHz	1	5	
23.18	23.21	23.21	24	QPSK	1.4MHz	3	0	
23.25	23.23	23.19	24	QPSK	1.4MHz	3	1	
23.05	23.23	23.27	24	QPSK	1.4MHz	3	3	
22.20	22.36	22.42	23	QPSK	1.4MHz	6	0	
22.46	22.68	22.68	23	16QAM	1.4MHz	1	0	
22.54	22.62	22.51	23	16QAM	1.4MHz	1	2	
22.45	22.52	22.60	23	16QAM	1.4MHz	1	5	
22.20	22.23	22.22	23	16QAM	1.4MHz	3	0	
22.23	22.34	22.36	23	16QAM	1.4MHz	3	1	
22.20	22.34	22.22	23	16QAM	1.4MHz	3	3	
21.28	21.28	21.35	22	16QAM	1.4MHz	6	0	

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LTE Band 5							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
20450	20525	20600	Channel				
829	836.5	844	Freq. (MHz)				
24.11	24.20	24.18	25	QPSK	10MHz	1	0
24.07	24.15	24.12	25	QPSK	10MHz	1	24
24.04	24.12	24.09	25	QPSK	10MHz	1	49
23.32	23.39	23.37	24	QPSK	10MHz	25	0
23.26	23.34	23.30	24	QPSK	10MHz	25	12
23.21	23.30	23.27	24	QPSK	10MHz	25	25
23.28	23.37	23.32	24	QPSK	10MHz	50	0
23.10	23.15	23.12	24	16QAM	10MHz	1	0
23.02	23.12	23.09	24	16QAM	10MHz	1	24
23.03	23.09	23.05	24	16QAM	10MHz	1	49
22.28	22.37	22.33	23	16QAM	10MHz	25	0
22.25	22.33	22.29	23	16QAM	10MHz	25	12
22.20	22.29	22.26	23	16QAM	10MHz	25	25
22.30	22.39	22.35	23	16QAM	10MHz	50	0

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LTE Band 5							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
20425	20525	20625	Channel				
826.5	836.5	846.5	Freq. (MHz)				
24.07	24.17	24.16	25	QPSK	5MHz	1	0
24.05	24.13	24.12	25	QPSK	5MHz	1	12
24.00	24.11	24.08	25	QPSK	5MHz	1	24
23.27	23.32	23.30	24	QPSK	5MHz	12	0
23.23	23.29	23.23	24	QPSK	5MHz	12	6
23.15	23.27	23.27	24	QPSK	5MHz	12	13
23.25	23.36	23.22	24	QPSK	5MHz	25	0
23.01	23.15	23.12	24	16QAM	5MHz	1	0
22.99	23.11	23.07	24	16QAM	5MHz	1	12
23.03	23.04	22.98	24	16QAM	5MHz	1	24
22.26	22.34	22.32	23	16QAM	5MHz	12	0
22.16	22.31	22.19	23	16QAM	5MHz	12	6
22.18	22.29	22.18	23	16QAM	5MHz	12	13
22.25	22.39	22.31	23	16QAM	5MHz	25	0

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LTE Band 5								
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset	
20415	20525	20635	Channel					
825.5	836.5	847.5	Freq. (MHz)					
24.06	24.18	24.12	25	QPSK	3MHz	1	0	
23.99	24.06	24.12	25	QPSK	3MHz	1	7	
24.03	24.02	24.05	25	QPSK	3MHz	1	14	
23.31	23.37	23.33	24	QPSK	3MHz	8	0	
23.22	23.29	23.27	24	QPSK	3MHz	8	3	
23.16	23.26	23.27	24	QPSK	3MHz	8	7	
23.28	23.29	23.22	24	QPSK	3MHz	15	0	
23.04	23.06	23.09	24	16QAM	3MHz	1	0	
22.94	23.06	23.07	24	16QAM	3MHz	1	7	
22.93	23.02	23.04	24	16QAM	3MHz	1	14	
22.24	22.36	22.28	23	16QAM	3MHz	8	0	
22.19	22.33	22.28	23	16QAM	3MHz	8	3	
22.17	22.23	22.24	23	16QAM	3MHz	8	7	
22.25	22.35	22.25	23	16QAM	3MHz	15	0	

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LTE Band 5								
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset	
20407	20525	20643	Channel					
824.7	836.5	848.3	Freq. (MHz)					
24.06	24.15	24.08	25	QPSK	1.4MHz	1	0	
24.05	24.15	24.02	25	QPSK	1.4MHz	1	2	
24.01	24.07	24.01	25	QPSK	1.4MHz	1	5	
23.26	23.36	23.35	25	QPSK	1.4MHz	3	0	
23.21	23.34	23.29	25	QPSK	1.4MHz	3	1	
23.21	23.23	23.24	25	QPSK	1.4MHz	3	3	
23.19	23.28	23.25	24	QPSK	1.4MHz	6	0	
23.10	23.13	23.05	24	16QAM	1.4MHz	1	0	
22.95	23.05	23.00	24	16QAM	1.4MHz	1	2	
22.93	23.00	23.05	24	16QAM	1.4MHz	1	5	
22.28	22.33	22.29	24	16QAM	1.4MHz	3	0	
22.21	22.33	22.25	24	16QAM	1.4MHz	3	1	
22.14	22.22	22.23	24	16QAM	1.4MHz	3	3	
22.27	22.34	22.28	23	16QAM	1.4MHz	6	0	

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LTE Band 7							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
20850	21100	21350	Channel				
2510	2535	2560	Freq. (MHz)				
23.15	23.30	23.25	24	QPSK	20MHz	1	0
23.11	23.28	23.22	24	QPSK	20MHz	1	49
23.09	23.26	23.19	24	QPSK	20MHz	1	99
22.17	22.28	22.22	23	QPSK	20MHz	50	0
22.11	22.23	22.15	23	QPSK	20MHz	50	25
22.14	22.27	22.17	23	QPSK	20MHz	50	50
22.17	22.31	22.25	23	QPSK	20MHz	100	0
22.14	22.20	22.16	23	16QAM	20MHz	1	0
22.06	22.18	22.11	23	16QAM	20MHz	1	49
22.02	22.19	22.14	23	16QAM	20MHz	1	99
21.16	21.25	21.22	22	16QAM	20MHz	50	0
21.05	21.17	21.06	22	16QAM	20MHz	50	25
21.08	21.19	21.09	22	16QAM	20MHz	50	50
21.16	21.30	21.19	22	16QAM	20MHz	100	0

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LTE Band 7								
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset	
20825	21100	21375	Channel					
2507.5	2535	2562.5	Freq. (MHz)					
23.05	23.22	23.17	24	QPSK	15MHz	1	0	
23.06	23.23	23.12	24	QPSK	15MHz	1	37	
23.07	23.21	23.19	24	QPSK	15MHz	1	74	
22.12	22.18	22.13	23	QPSK	15MHz	36	0	
22.04	22.20	22.14	23	QPSK	15MHz	36	19	
22.12	22.19	22.07	23	QPSK	15MHz	36	39	
22.12	22.22	22.18	23	QPSK	15MHz	75	0	
22.04	22.18	22.11	23	16QAM	15MHz	1	0	
22.06	22.09	22.04	23	16QAM	15MHz	1	37	
21.97	22.17	22.08	23	16QAM	15MHz	1	74	
21.11	21.18	21.16	22	16QAM	15MHz	36	0	
20.98	21.09	21.04	22	16QAM	15MHz	36	19	
20.99	21.16	21.01	22	16QAM	15MHz	36	39	
21.07	21.22	21.18	22	16QAM	15MHz	75	0	



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LTE Band 7							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
20800	21100	21400	Channel				
2505	2535	2565	Freq. (MHz)				
22.96	23.20	23.13	24	QPSK	10MHz	1	0
22.93	23.12	23.15	24	QPSK	10MHz	1	24
23.01	23.15	23.07	24	QPSK	10MHz	1	49
22.12	22.11	22.12	23	QPSK	10MHz	25	0
21.98	22.01	22.01	23	QPSK	10MHz	25	12
22.00	22.09	22.00	23	QPSK	10MHz	25	25
22.10	22.15	22.14	23	QPSK	10MHz	50	0
22.03	22.13	22.08	23	16QAM	10MHz	1	0
21.96	21.93	21.93	23	16QAM	10MHz	1	24
21.89	22.08	22.01	23	16QAM	10MHz	1	49
21.08	21.00	21.21	22	16QAM	10MHz	25	0
20.92	21.04	20.86	22	16QAM	10MHz	25	12
20.91	21.15	20.99	22	16QAM	10MHz	25	25
20.95	21.18	21.14	22	16QAM	10MHz	50	0

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LTE Band 7								
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset	
20775	21100	21425	Channel					
2502.5	2535	2567.5	Freq. (MHz)					
23.09	23.18	23.09	24	QPSK	5MHz	1	0	
22.90	23.14	23.09	24	QPSK	5MHz	1	12	
22.92	23.18	22.93	24	QPSK	5MHz	1	24	
21.97	22.22	22.05	23	QPSK	5MHz	12	0	
22.04	22.05	21.98	23	QPSK	5MHz	12	6	
22.06	22.18	22.02	23	QPSK	5MHz	12	13	
22.04	22.24	21.93	23	QPSK	5MHz	25	0	
22.02	22.16	22.04	23	16QAM	5MHz	1	0	
21.84	22.05	21.96	23	16QAM	5MHz	1	12	
21.86	21.99	21.99	23	16QAM	5MHz	1	24	
21.15	21.20	20.98	22	16QAM	5MHz	12	0	
20.94	21.08	20.89	22	16QAM	5MHz	12	6	
20.98	21.04	20.91	22	16QAM	5MHz	12	13	
21.04	21.17	21.03	22	16QAM	5MHz	25	0	

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LTE Band 12							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
23060	23095	23130	Channel				
704	707.5	711	Freq. (MHz)				
24.34	24.38	24.31	25	QPSK	10MHz	1	0
24.30	24.33	24.26	25	QPSK	10MHz	1	24
24.24	24.27	24.19	25	QPSK	10MHz	1	49
23.31	23.35	23.27	24	QPSK	10MHz	25	0
23.26	23.30	23.22	24	QPSK	10MHz	25	12
23.20	23.24	23.15	24	QPSK	10MHz	25	25
23.29	23.34	23.25	24	QPSK	10MHz	50	0
23.24	23.28	23.16	24	16QAM	10MHz	1	0
23.16	23.21	23.10	24	16QAM	10MHz	1	24
23.13	23.17	23.08	24	16QAM	10MHz	1	49
22.32	22.36	22.27	23	16QAM	10MHz	25	0
22.26	22.32	22.22	23	16QAM	10MHz	25	12
22.23	22.28	22.18	23	16QAM	10MHz	25	25
22.34	22.39	22.30	23	16QAM	10MHz	50	0

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LTE Band 12								
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset	
23035	23095	23155	Channel					
701.5	707.5	713.5	Freq. (MHz)					
24.24	24.37	24.23	25	QPSK	5MHz	1	0	
24.28	24.26	24.16	25	QPSK	5MHz	1	12	
24.16	24.19	24.17	25	QPSK	5MHz	1	24	
23.25	23.34	23.23	24	QPSK	5MHz	12	0	
23.26	23.29	23.20	24	QPSK	5MHz	12	6	
23.14	23.24	23.05	24	QPSK	5MHz	12	13	
23.24	23.28	23.23	24	QPSK	5MHz	25	0	
23.20	23.22	23.10	24	16QAM	5MHz	1	0	
23.15	23.13	23.01	24	16QAM	5MHz	1	12	
23.11	23.07	23.03	24	16QAM	5MHz	1	24	
22.24	22.27	22.26	23	16QAM	5MHz	12	0	
22.25	22.32	22.17	23	16QAM	5MHz	12	6	
22.21	22.27	22.14	23	16QAM	5MHz	12	13	
22.31	22.36	22.29	23	16QAM	5MHz	25	0	

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LTE Band 12								
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset	
23025	23095	23165	Channel					
700.5	707.5	714.5	Freq. (MHz)					
24.29	24.30	24.26	25	QPSK	3MHz	1	0	
24.24	24.28	24.24	25	QPSK	3MHz	1	7	
24.24	24.21	24.09	25	QPSK	3MHz	1	14	
23.22	23.28	23.20	24	QPSK	3MHz	8	0	
23.20	23.26	23.21	24	QPSK	3MHz	8	3	
23.13	23.16	23.07	24	QPSK	3MHz	8	7	
23.26	23.27	23.20	24	QPSK	3MHz	15	0	
23.14	23.19	23.10	24	16QAM	3MHz	1	0	
23.08	23.13	23.07	24	16QAM	3MHz	1	7	
23.06	23.17	23.00	24	16QAM	3MHz	1	14	
22.24	22.30	22.25	23	16QAM	3MHz	8	0	
22.22	22.31	22.22	23	16QAM	3MHz	8	3	
22.20	22.24	22.11	23	16QAM	3MHz	8	7	
22.34	22.37	22.25	23	16QAM	3MHz	15	0	

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LTE Band 12								
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset	
23017	23095	23173	Channel					
699.7	707.5	715.3	Freq. (MHz)					
24.24	24.36	24.25	25	QPSK	1.4MHz	1	0	
24.26	24.33	24.22	25	QPSK	1.4MHz	1	2	
24.17	24.19	24.10	25	QPSK	1.4MHz	1	5	
23.27	23.31	23.18	25	QPSK	1.4MHz	3	0	
23.18	23.21	23.15	25	QPSK	1.4MHz	3	1	
23.20	23.19	23.08	25	QPSK	1.4MHz	3	3	
23.28	23.28	23.20	24	QPSK	1.4MHz	6	0	
23.18	23.21	23.14	24	16QAM	1.4MHz	1	0	
23.13	23.12	23.05	24	16QAM	1.4MHz	1	2	
23.07	23.16	23.02	24	16QAM	1.4MHz	1	5	
22.32	22.29	22.21	24	16QAM	1.4MHz	3	0	
22.17	22.28	22.20	24	16QAM	1.4MHz	3	1	
22.16	22.20	22.17	24	16QAM	1.4MHz	3	3	
22.25	22.35	22.24	23	16QAM	1.4MHz	6	0	

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LTE Band 13						
Maximum Average Power (dBm)	Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset	
23230	Channel					
782	Freq. (MHz)					
24.03	25	QPSK	10MHz	1	0	
24.01	25	QPSK	10MHz	1	24	
23.98	25	QPSK	10MHz	1	49	
23.24	24	QPSK	10MHz	25	0	
23.21	24	QPSK	10MHz	25	12	
23.19	24	QPSK	10MHz	25	25	
23.23	24	QPSK	10MHz	50	0	
23.44	24	16QAM	10MHz	1	0	
23.41	24	16QAM	10MHz	1	24	
23.38	24	16QAM	10MHz	1	49	
22.25	23	16QAM	10MHz	25	0	
22.22	23	16QAM	10MHz	25	12	
22.20	23	16QAM	10MHz	25	25	
22.23	23	16QAM	10MHz	50	0	

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LTE Band 13								
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset	
23205	23230	23255	Channel					
779.5	782	784.5	Freq. (MHz)					
23.99	24.02	23.95	25	QPSK	5MHz	1	0	
23.97	24.00	23.93	25	QPSK	5MHz	1	12	
23.95	23.95	23.90	25	QPSK	5MHz	1	24	
23.24	23.16	23.18	24	QPSK	5MHz	12	0	
23.12	23.16	23.11	24	QPSK	5MHz	12	6	
23.13	23.16	23.10	24	QPSK	5MHz	12	13	
23.15	23.21	23.13	24	QPSK	5MHz	25	0	
23.44	23.43	23.35	24	16QAM	5MHz	1	0	
23.31	23.35	23.28	24	16QAM	5MHz	1	12	
23.32	23.33	23.30	24	16QAM	5MHz	1	24	
22.17	22.19	22.16	23	16QAM	5MHz	12	0	
22.16	22.18	22.09	23	16QAM	5MHz	12	6	
22.14	22.17	22.12	23	16QAM	5MHz	12	13	
22.10	22.13	22.08	23	16QAM	5MHz	25	0	



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LTE Band 14						
Maximum Average Power (dBm)	Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset	
23330	Channel					
793	Freq. (MHz)					
24.09	25	QPSK	10MHz	1	0	
24.06	25	QPSK	10MHz	1	24	
24.01	25	QPSK	10MHz	1	49	
23.05	24	QPSK	10MHz	25	0	
22.98	24	QPSK	10MHz	25	12	
23.03	24	QPSK	10MHz	25	25	
23.06	24	QPSK	10MHz	50	0	
23.40	24	16QAM	10MHz	1	0	
23.36	24	16QAM	10MHz	1	24	
23.31	24	16QAM	10MHz	1	49	
22.05	23	16QAM	10MHz	25	0	
22.00	23	16QAM	10MHz	25	12	
22.03	23	16QAM	10MHz	25	25	
22.07	23	16QAM	10MHz	50	0	

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LTE Band 14								
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset	
23305	23330	23355	Channel					
790.5	793	795.5	Freq. (MHz)					
24.02	24.08	23.99	25	QPSK	5MHz	1	0	
24.00	24.03	23.97	25	QPSK	5MHz	1	12	
23.96	23.98	23.92	25	QPSK	5MHz	1	24	
22.96	23.02	22.94	24	QPSK	5MHz	12	0	
22.90	22.93	22.89	24	QPSK	5MHz	12	6	
22.92	22.94	22.86	24	QPSK	5MHz	12	13	
23.02	23.05	23.01	24	QPSK	5MHz	25	0	
23.36	23.37	23.33	24	16QAM	5MHz	1	0	
23.32	23.35	23.30	24	16QAM	5MHz	1	12	
23.23	23.29	23.19	24	16QAM	5MHz	1	24	
21.99	22.02	21.96	23	16QAM	5MHz	12	0	
21.91	21.96	21.88	23	16QAM	5MHz	12	6	
21.93	21.99	21.90	23	16QAM	5MHz	12	13	
22.05	22.07	21.98	23	16QAM	5MHz	25	0	

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LTE Band 17							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
23780	23790	23800	Channel				
709	710	711	Freq. (MHz)				
24.02	24.20	24.12	25	QPSK	10MHz	1	0
23.92	24.06	23.97	25	QPSK	10MHz	1	24
23.90	24.03	23.94	25	QPSK	10MHz	1	49
22.97	23.08	23.00	24	QPSK	10MHz	25	0
22.93	23.03	22.95	24	QPSK	10MHz	25	12
22.84	22.97	22.88	24	QPSK	10MHz	25	25
22.93	23.07	22.97	24	QPSK	10MHz	50	0
22.89	23.02	22.93	24	16QAM	10MHz	1	0
22.85	22.99	22.90	24	16QAM	10MHz	1	24
22.80	22.95	22.84	24	16QAM	10MHz	1	49
21.97	22.09	22.00	23	16QAM	10MHz	25	0
21.92	22.05	21.96	23	16QAM	10MHz	25	12
21.88	22.01	21.91	23	16QAM	10MHz	25	25
21.99	22.11	22.03	23	16QAM	10MHz	50	0

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LTE Band 17								
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset	
23755	23790	23825	Channel					
706.5	710	713.5	Freq. (MHz)					
23.95	23.89	23.82	25	QPSK	5MHz	1	0	
23.80	23.97	23.92	25	QPSK	5MHz	1	12	
23.68	23.85	23.78	25	QPSK	5MHz	1	24	
22.80	22.97	22.73	24	QPSK	5MHz	12	0	
22.78	22.89	22.62	24	QPSK	5MHz	12	6	
22.61	22.78	22.80	24	QPSK	5MHz	12	13	
22.69	23.03	22.70	24	QPSK	5MHz	25	0	
22.82	22.92	22.87	24	16QAM	5MHz	1	0	
22.70	22.89	22.88	24	16QAM	5MHz	1	12	
22.65	22.90	22.81	24	16QAM	5MHz	1	24	
21.82	21.99	21.92	23	16QAM	5MHz	12	0	
21.78	22.03	21.73	23	16QAM	5MHz	12	6	
21.85	21.86	21.84	23	16QAM	5MHz	12	13	
21.87	21.98	21.94	23	16QAM	5MHz	25	0	

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LTE Band 25							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
26140	26365	26590	Channel				
1860	1882.5	1905	Freq. (MHz)				
23.42	23.49	23.32	24	QPSK	20MHz	1	0
23.37	23.44	23.26	24	QPSK	20MHz	1	49
23.32	23.38	23.23	24	QPSK	20MHz	1	99
22.40	22.45	22.26	23	QPSK	20MHz	50	0
22.33	22.40	22.20	23	QPSK	20MHz	50	25
22.28	22.36	22.19	23	QPSK	20MHz	50	50
22.41	22.46	22.28	23	QPSK	20MHz	100	0
22.35	22.42	22.25	23	16QAM	20MHz	1	0
22.30	22.37	22.21	23	16QAM	20MHz	1	49
22.26	22.33	22.18	23	16QAM	20MHz	1	99
21.43	21.48	21.32	22	16QAM	20MHz	50	0
21.37	21.43	21.28	22	16QAM	20MHz	50	25
21.32	21.38	21.22	22	16QAM	20MHz	50	50
21.43	21.50	21.35	22	16QAM	20MHz	100	0

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LTE Band 25								
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset	
26115	26365	26615	Channel					
1857.5	1882.5	1907.5	Freq. (MHz)					
23.34	23.43	23.23	24	QPSK	15MHz	1	0	
23.37	23.34	23.23	24	QPSK	15MHz	1	37	
23.31	23.35	23.20	24	QPSK	15MHz	1	74	
22.34	22.41	22.26	23	QPSK	15MHz	36	0	
22.30	22.38	22.16	23	QPSK	15MHz	36	19	
22.23	22.32	22.15	23	QPSK	15MHz	36	39	
22.41	22.43	22.20	23	QPSK	15MHz	75	0	
22.30	22.36	22.23	23	16QAM	15MHz	1	0	
22.29	22.31	22.15	23	16QAM	15MHz	1	37	
22.19	22.28	22.12	23	16QAM	15MHz	1	74	
21.35	21.44	21.25	22	16QAM	15MHz	36	0	
21.29	21.36	21.27	22	16QAM	15MHz	36	19	
21.30	21.35	21.21	22	16QAM	15MHz	36	39	
21.40	21.50	21.26	22	16QAM	15MHz	75	0	

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LTE Band 25								
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset	
26090	26365	26640	Channel					
1855	1882.5	1910	Freq. (MHz)					
23.34	23.36	23.16	24	QPSK	10MHz	1	0	
23.20	23.37	23.13	24	QPSK	10MHz	1	24	
23.26	23.22	23.03	24	QPSK	10MHz	1	49	
22.23	22.36	22.06	23	QPSK	10MHz	25	0	
22.21	22.20	21.98	23	QPSK	10MHz	25	12	
22.06	22.22	22.06	23	QPSK	10MHz	25	25	
22.22	22.27	22.09	23	QPSK	10MHz	50	0	
22.22	22.37	22.08	23	16QAM	10MHz	1	0	
22.21	22.18	22.02	23	16QAM	10MHz	1	24	
22.09	22.23	22.07	23	16QAM	10MHz	1	49	
21.39	21.41	21.18	22	16QAM	10MHz	25	0	
21.28	21.34	21.06	22	16QAM	10MHz	25	12	
21.09	21.26	21.14	22	16QAM	10MHz	25	25	
21.29	21.39	21.17	22	16QAM	10MHz	50	0	

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LTE Band 25								
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset	
26065	26365	26665	Channel					
1852.5	1882.5	1912.5	Freq. (MHz)					
23.26	23.47	23.24	24	QPSK	5MHz	1	0	
23.23	23.39	22.97	24	QPSK	5MHz	1	12	
23.16	23.22	22.91	24	QPSK	5MHz	1	24	
22.24	22.24	22.03	23	QPSK	5MHz	12	0	
22.25	22.29	21.91	23	QPSK	5MHz	12	6	
22.14	22.26	22.04	23	QPSK	5MHz	12	13	
22.26	22.33	22.07	23	QPSK	5MHz	25	0	
22.28	22.22	22.05	23	16QAM	5MHz	1	0	
22.14	22.23	22.07	23	16QAM	5MHz	1	12	
22.17	22.14	22.05	23	16QAM	5MHz	1	24	
21.25	21.24	21.10	22	16QAM	5MHz	12	0	
21.18	21.29	21.23	22	16QAM	5MHz	12	6	
21.22	21.24	21.14	22	16QAM	5MHz	12	13	
21.30	21.42	21.18	22	16QAM	5MHz	25	0	



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LTE Band 25								
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset	
26055	26365	26675	Channel					
1851.5	1882.5	1913.5	Freq. (MHz)					
23.32	23.38	23.27	24	QPSK	3MHz	1	0	
23.24	23.27	23.15	24	QPSK	3MHz	1	7	
23.15	23.33	23.06	24	QPSK	3MHz	1	14	
22.40	22.21	22.18	23	QPSK	3MHz	8	0	
22.26	22.24	22.05	23	QPSK	3MHz	8	3	
22.10	22.15	22.09	23	QPSK	3MHz	8	7	
22.24	22.29	22.18	23	QPSK	3MHz	15	0	
22.19	22.18	22.17	23	16QAM	3MHz	1	0	
22.12	22.35	22.15	23	16QAM	3MHz	1	7	
22.09	22.12	22.02	23	16QAM	3MHz	1	14	
21.31	21.43	21.29	22	16QAM	3MHz	8	0	
21.22	21.40	21.14	22	16QAM	3MHz	8	3	
21.18	21.18	21.18	22	16QAM	3MHz	8	7	
21.23	21.40	21.23	22	16QAM	3MHz	15	0	

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LTE Band 25								
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset	
26047	26365	26683	Channel					
1850.7	1882.5	1914.3	Freq. (MHz)					
23.34	23.38	23.25	24	QPSK	1.4MHz	1	0	
23.34	23.36	23.16	24	QPSK	1.4MHz	1	2	
23.20	23.29	23.07	24	QPSK	1.4MHz	1	5	
23.33	23.31	23.15	24	QPSK	1.4MHz	3	0	
23.13	23.30	23.02	24	QPSK	1.4MHz	3	1	
23.22	23.24	23.11	24	QPSK	1.4MHz	3	3	
22.24	22.36	22.28	23	QPSK	1.4MHz	6	0	
22.21	22.29	22.13	23	16QAM	1.4MHz	1	0	
22.16	22.23	22.05	23	16QAM	1.4MHz	1	2	
22.22	22.18	22.10	23	16QAM	1.4MHz	1	5	
22.34	22.39	22.27	23	16QAM	1.4MHz	3	0	
22.23	22.38	22.10	23	16QAM	1.4MHz	3	1	
22.20	22.18	22.09	23	16QAM	1.4MHz	3	3	
21.26	21.40	21.28	22	16QAM	1.4MHz	6	0	

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LTE Band 26								
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset	
26765	26865	26965	Channel					
821.5	831.5	841.5	Freq. (MHz)					
24.12	24.17	24.15	25	QPSK	15MHz	1	0	
23.96	24.03	24.00	25	QPSK	15MHz	1	37	
23.91	23.97	23.95	25	QPSK	15MHz	1	74	
23.16	23.22	23.19	24	QPSK	15MHz	36	0	
23.10	23.17	23.14	24	QPSK	15MHz	36	19	
23.05	23.11	23.09	24	QPSK	15MHz	36	39	
23.14	23.21	23.17	24	QPSK	15MHz	75	0	
23.11	23.17	23.15	24	16QAM	15MHz	1	0	
23.05	23.13	23.10	24	16QAM	15MHz	1	37	
23.02	23.09	23.05	24	16QAM	15MHz	1	74	
22.13	22.20	22.17	23	16QAM	15MHz	36	0	
22.06	22.14	22.10	23	16QAM	15MHz	36	19	
22.00	22.08	22.04	23	16QAM	15MHz	36	39	
21.98	22.04	22.01	23	16QAM	15MHz	75	0	

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LTE Band 26								
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset	
26740	26865	26990	Channel					
819	831.5	844	Freq. (MHz)					
23.90	23.93	23.80	25	QPSK	10MHz	1	0	
23.92	23.91	23.84	25	QPSK	10MHz	1	24	
23.82	23.83	23.88	25	QPSK	10MHz	1	49	
22.97	23.14	23.05	24	QPSK	10MHz	25	0	
23.06	23.06	23.13	24	QPSK	10MHz	25	12	
22.88	22.92	22.88	24	QPSK	10MHz	25	25	
23.00	23.20	23.12	24	QPSK	10MHz	50	0	
23.05	22.97	23.05	24	16QAM	10MHz	1	0	
22.85	23.12	23.03	24	16QAM	10MHz	1	24	
22.82	22.96	23.03	24	16QAM	10MHz	1	49	
22.02	22.02	22.10	23	16QAM	10MHz	25	0	
21.93	21.99	22.04	23	16QAM	10MHz	25	12	
21.97	21.90	21.93	23	16QAM	10MHz	25	25	
21.86	21.93	21.89	23	16QAM	10MHz	50	0	

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LTE Band 26								
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset	
26715	26865	27015	Channel					
816.5	831.5	846.5	Freq. (MHz)					
23.95	23.99	23.86	25	QPSK	5MHz	1	0	
23.81	23.87	23.87	25	QPSK	5MHz	1	12	
23.71	23.75	23.73	25	QPSK	5MHz	1	24	
23.04	23.03	22.95	24	QPSK	5MHz	12	0	
23.07	23.17	22.97	24	QPSK	5MHz	12	6	
22.87	22.92	22.82	24	QPSK	5MHz	12	13	
22.94	23.05	22.84	24	QPSK	5MHz	25	0	
22.93	23.09	23.07	24	16QAM	5MHz	1	0	
22.90	22.90	23.09	24	16QAM	5MHz	1	12	
22.81	22.95	22.83	24	16QAM	5MHz	1	24	
21.99	22.04	22.11	23	16QAM	5MHz	12	0	
22.03	22.04	21.96	23	16QAM	5MHz	12	6	
21.82	22.02	21.86	23	16QAM	5MHz	12	13	
21.84	21.88	21.93	23	16QAM	5MHz	25	0	

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LTE Band 26								
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset	
26705	26865	27025	Channel					
815.5	831.5	847.5	Freq. (MHz)					
23.86	23.93	23.87	25	QPSK	3MHz	1	0	
23.81	23.87	23.96	25	QPSK	3MHz	1	7	
23.75	23.78	23.84	25	QPSK	3MHz	1	14	
23.11	23.19	22.94	24	QPSK	3MHz	8	0	
22.95	22.94	22.99	24	QPSK	3MHz	8	3	
22.82	22.95	23.03	24	QPSK	3MHz	8	7	
23.10	23.03	23.05	24	QPSK	3MHz	15	0	
23.03	23.08	23.03	24	16QAM	3MHz	1	0	
22.99	22.95	22.88	24	16QAM	3MHz	1	7	
22.91	22.96	22.92	24	16QAM	3MHz	1	14	
21.95	21.98	21.98	23	16QAM	3MHz	8	0	
21.93	22.08	22.02	23	16QAM	3MHz	8	3	
21.85	22.04	21.87	23	16QAM	3MHz	8	7	
21.87	21.89	21.87	23	16QAM	3MHz	15	0	

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LTE Band 26								
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset	
26697	26865	27033	Channel					
814.7	831.5	848.3	Freq. (MHz)					
23.87	23.98	23.92	25	QPSK	1.4MHz	1	0	
23.77	23.94	23.89	25	QPSK	1.4MHz	1	2	
23.75	23.89	23.77	25	QPSK	1.4MHz	1	5	
24.04	24.01	24.04	25	QPSK	1.4MHz	3	0	
23.04	24.02	23.98	25	QPSK	1.4MHz	3	1	
23.99	23.96	23.95	25	QPSK	1.4MHz	3	3	
23.01	22.98	22.95	24	QPSK	1.4MHz	6	0	
22.94	23.02	22.99	24	16QAM	1.4MHz	1	0	
22.90	22.99	22.93	24	16QAM	1.4MHz	1	2	
22.87	23.04	22.98	24	16QAM	1.4MHz	1	5	
22.89	23.14	23.09	24	16QAM	1.4MHz	3	0	
22.84	23.09	22.91	24	16QAM	1.4MHz	3	1	
22.95	22.97	22.88	24	16QAM	1.4MHz	3	3	
21.88	21.92	21.96	23	16QAM	1.4MHz	6	0	

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LTE Band 30						
Maximum Average Power (dBm)	Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset	
27710	Channel					
2310	Freq. (MHz)					
22.28	23	QPSK	10MHz	1	0	
22.25	23	QPSK	10MHz	1	24	
22.23	23	QPSK	10MHz	1	49	
21.33	22	QPSK	10MHz	25	0	
21.28	22	QPSK	10MHz	25	12	
21.26	22	QPSK	10MHz	25	25	
21.38	22	QPSK	10MHz	50	0	
21.57	22	16QAM	10MHz	1	0	
21.54	22	16QAM	10MHz	1	24	
21.51	22	16QAM	10MHz	1	49	
20.34	21	16QAM	10MHz	25	0	
20.28	21	16QAM	10MHz	25	12	
20.26	21	16QAM	10MHz	25	25	
20.30	21	16QAM	10MHz	50	0	



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LTE Band 30								
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset	
27685	27710	27735	Channel					
2307.5	2310	2312.5	Freq. (MHz)					
22.18	22.27	22.21	23	QPSK	5MHz	1	0	
22.15	22.23	22.19	23	QPSK	5MHz	1	12	
22.13	22.20	22.17	23	QPSK	5MHz	1	24	
21.20	21.26	21.23	22	QPSK	5MHz	12	0	
21.19	21.27	21.24	22	QPSK	5MHz	12	6	
21.20	21.25	21.23	22	QPSK	5MHz	12	13	
21.24	21.31	21.28	22	QPSK	5MHz	25	0	
21.39	21.47	21.43	22	16QAM	5MHz	1	0	
21.38	21.45	21.41	22	16QAM	5MHz	1	12	
21.37	21.44	21.41	22	16QAM	5MHz	1	24	
20.29	20.35	20.33	21	16QAM	5MHz	12	0	
20.23	20.28	20.26	21	16QAM	5MHz	12	6	
20.16	20.23	20.20	21	16QAM	5MHz	12	13	
20.23	20.31	20.27	21	16QAM	5MHz	25	0	

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LTE Band 38							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
37850	38000	38150	Channel				
2580	2595	2610	Freq. (MHz)				
23.35	23.39	23.32	24	QPSK	20MHz	1	0
23.28	23.32	23.24	24	QPSK	20MHz	1	49
23.23	23.28	23.19	24	QPSK	20MHz	1	99
22.33	22.37	22.29	23	QPSK	20MHz	50	0
22.25	22.32	22.22	23	QPSK	20MHz	50	25
22.23	22.30	22.21	23	QPSK	20MHz	50	50
22.32	22.41	22.29	23	QPSK	20MHz	100	0
22.26	22.31	22.22	23	16QAM	20MHz	1	0
22.20	22.26	22.17	23	16QAM	20MHz	1	49
22.23	22.27	22.21	23	16QAM	20MHz	1	99
21.36	21.40	21.31	22	16QAM	20MHz	50	0
21.30	21.33	21.26	22	16QAM	20MHz	50	25
21.33	21.36	21.29	22	16QAM	20MHz	50	50
21.36	21.42	21.33	22	16QAM	20MHz	100	0

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LTE Band 38								
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset	
37825	38000	38175	Channel					
2577.5	2595	2612.5	Freq. (MHz)					
23.34	23.31	23.30	24	QPSK	15MHz	1	0	
23.22	23.22	23.19	24	QPSK	15MHz	1	37	
23.21	23.23	23.16	24	QPSK	15MHz	1	74	
22.26	22.30	22.20	23	QPSK	15MHz	36	0	
22.24	22.28	22.15	23	QPSK	15MHz	36	19	
22.23	22.27	22.20	23	QPSK	15MHz	36	39	
22.23	22.31	22.22	23	QPSK	15MHz	75	0	
22.18	22.28	22.14	23	16QAM	15MHz	1	0	
22.10	22.19	22.07	23	16QAM	15MHz	1	37	
22.15	22.17	22.15	23	16QAM	15MHz	1	74	
21.30	21.34	21.26	22	16QAM	15MHz	36	0	
21.24	21.25	21.18	22	16QAM	15MHz	36	19	
21.24	21.26	21.25	22	16QAM	15MHz	36	39	
21.29	21.41	21.28	22	16QAM	15MHz	75	0	

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LTE Band 38							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
37800	38000	38200	Channel				
2575	2595	2615	Freq. (MHz)				
23.29	23.28	23.16	24	QPSK	10MHz	1	0
23.06	23.21	23.08	24	QPSK	10MHz	1	24
23.07	23.11	23.08	24	QPSK	10MHz	1	49
22.27	22.17	22.25	23	QPSK	10MHz	25	0
22.09	22.26	22.07	23	QPSK	10MHz	25	12
22.03	22.21	22.15	23	QPSK	10MHz	25	25
22.19	22.35	22.13	23	QPSK	10MHz	50	0
22.15	22.31	22.11	23	16QAM	10MHz	1	0
22.07	22.18	22.02	23	16QAM	10MHz	1	24
22.07	22.16	22.09	23	16QAM	10MHz	1	49
21.27	21.24	21.22	22	16QAM	10MHz	25	0
21.10	21.20	21.17	22	16QAM	10MHz	25	12
21.18	21.14	21.12	22	16QAM	10MHz	25	25
21.28	21.24	21.31	22	16QAM	10MHz	50	0

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LTE Band 38								
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset	
37775	38000	38225	Channel					
2572.5	2595	2617.5	Freq. (MHz)					
23.28	23.30	23.04	24	QPSK	5MHz	1	0	
23.25	23.29	22.97	24	QPSK	5MHz	1	12	
22.98	23.13	23.07	24	QPSK	5MHz	1	24	
22.29	22.27	22.06	23	QPSK	5MHz	12	0	
22.16	22.28	22.00	23	QPSK	5MHz	12	6	
22.03	22.30	22.00	23	QPSK	5MHz	12	13	
22.25	22.20	22.16	23	QPSK	5MHz	25	0	
22.09	22.08	21.99	23	16QAM	5MHz	1	0	
22.05	22.11	22.07	23	16QAM	5MHz	1	12	
22.06	22.06	22.11	23	16QAM	5MHz	1	24	
21.33	21.32	21.09	22	16QAM	5MHz	12	0	
21.21	21.18	21.21	22	16QAM	5MHz	12	6	
21.22	21.17	21.13	22	16QAM	5MHz	12	13	
21.19	21.36	21.19	22	16QAM	5MHz	25	0	

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LTE Band 41_PC3										
Maximum Average Power (dBm)					Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset	
39750	40185	40620	41055	41490	Channel					
2506	2549.5	2593	2636.5	2680	Freq. (MHz)					
23.83	23.89	23.97	23.91	22.94	24	QPSK	20MHz	1	0	
23.80	23.84	23.94	23.89	23.90	24	QPSK	20MHz	1	49	
23.73	23.74	23.81	23.75	23.78	24	QPSK	20MHz	1	99	
22.79	22.83	22.91	22.87	22.90	23	QPSK	20MHz	50	0	
22.74	22.79	22.89	22.86	22.87	23	QPSK	20MHz	50	25	
22.75	22.80	22.87	22.83	22.85	23	QPSK	20MHz	50	50	
22.78	22.88	22.95	22.91	22.92	23	QPSK	20MHz	100	0	
22.79	22.85	22.94	22.88	22.90	23	16QAM	20MHz	1	0	
22.76	22.81	22.92	22.87	22.90	23	16QAM	20MHz	1	49	
22.61	22.67	22.87	22.80	22.84	23	16QAM	20MHz	1	99	
21.79	21.82	21.91	21.85	21.89	22	16QAM	20MHz	50	0	
21.71	21.76	21.87	21.82	21.85	22	16QAM	20MHz	50	25	
21.70	21.75	21.84	21.80	21.82	22	16QAM	20MHz	50	50	
21.73	21.81	21.92	21.87	21.90	22	16QAM	20MHz	100	0	

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LTE Band 41_PC3										
Maximum Average Power (dBm)					Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset	
39725	40173	40620	41068	41515	Channel					
2503.5	2548.3	2593	2637.8	2682.5	Freq. (MHz)					
23.77	23.84	23.90	23.88	22.84	24	QPSK	15MHz	1	0	
23.71	23.82	23.94	23.87	23.85	24	QPSK	15MHz	1	37	
23.73	23.70	23.77	23.69	23.68	24	QPSK	15MHz	1	74	
22.71	22.76	22.89	22.85	22.85	23	QPSK	15MHz	36	0	
22.65	22.70	22.84	22.84	22.85	23	QPSK	15MHz	36	19	
22.74	22.79	22.84	22.73	22.78	23	QPSK	15MHz	36	39	
22.72	22.85	22.93	22.84	22.83	23	QPSK	15MHz	75	0	
22.69	22.80	22.93	22.84	21.93	23	16QAM	15MHz	1	0	
22.68	22.79	22.83	22.87	22.85	23	16QAM	15MHz	1	37	
22.59	22.60	22.82	22.74	22.75	23	16QAM	15MHz	1	74	
21.74	21.73	21.84	21.75	21.85	22	16QAM	15MHz	36	0	
21.66	21.66	21.78	21.78	21.77	22	16QAM	15MHz	36	19	
21.65	21.68	21.83	21.77	21.83	22	16QAM	15MHz	36	39	
21.69	21.79	21.84	21.86	21.90	22	16QAM	15MHz	75	0	

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LTE Band 41_PC3										
Maximum Average Power (dBm)					Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset	
39700	40160	40620	41080	41540	Channel					
2501	2547	2593	2639	2685	Freq. (MHz)					
23.74	23.77	23.90	23.91	22.90	24	QPSK	10MHz	1	0	
23.69	23.78	23.83	23.79	23.81	24	QPSK	10MHz	1	24	
23.64	23.64	23.73	23.62	23.71	24	QPSK	10MHz	1	49	
22.75	22.77	22.80	22.81	22.83	23	QPSK	10MHz	25	0	
22.63	22.64	22.75	22.75	22.77	23	QPSK	10MHz	25	12	
22.70	22.74	22.68	22.73	22.79	23	QPSK	10MHz	25	25	
22.76	22.74	22.87	22.76	22.74	23	QPSK	10MHz	50	0	
22.70	22.74	22.93	22.81	21.92	23	16QAM	10MHz	1	0	
22.77	22.76	22.83	22.78	22.78	23	16QAM	10MHz	1	24	
22.62	22.58	22.69	22.62	22.72	23	16QAM	10MHz	1	49	
21.65	21.74	21.76	21.79	21.81	22	16QAM	10MHz	25	0	
21.64	21.70	21.76	21.73	21.75	22	16QAM	10MHz	25	12	
21.62	21.64	21.76	21.64	21.85	22	16QAM	10MHz	25	25	
21.71	21.76	21.82	21.82	21.78	22	16QAM	10MHz	50	0	



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LTE Band 41_PC3									
Maximum Average Power (dBm)					Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
39675	40148	40620	41093	41565	Channel				
2498.5	2545.8	2593	2640.3	2687.5	Freq. (MHz)				
23.76	23.75	23.88	23.76	22.85	24	QPSK	5MHz	1	0
23.69	23.79	23.84	23.78	23.83	24	QPSK	5MHz	1	12
23.58	23.62	23.64	23.68	23.66	24	QPSK	5MHz	1	24
22.68	22.67	22.84	22.79	22.73	23	QPSK	5MHz	12	0
22.60	22.70	22.72	22.81	22.68	23	QPSK	5MHz	12	6
22.69	22.66	22.79	22.74	22.71	23	QPSK	5MHz	12	13
22.73	22.74	22.86	22.83	22.80	23	QPSK	5MHz	25	0
22.80	22.79	22.89	22.79	21.85	23	16QAM	5MHz	1	0
22.69	22.75	22.87	22.74	22.88	23	16QAM	5MHz	1	12
22.63	22.64	22.66	22.71	22.60	23	16QAM	5MHz	1	24
21.63	21.67	21.91	21.81	21.77	22	16QAM	5MHz	12	0
21.65	21.70	21.73	21.72	21.74	22	16QAM	5MHz	12	6
21.62	21.65	21.73	21.74	21.74	22	16QAM	5MHz	12	13
21.66	21.71	21.85	21.89	21.72	22	16QAM	5MHz	25	0

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LTE Band 41_PC2									
Maximum Average Power (dBm)					Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
39750	40185	40620	41055	41490	Channel				
2506	2549.5	2593	2636.5	2680	Freq. (MHz)				
25.88	26.03	26.42	26.35	26.38	27	QPSK	20MHz	1	0
25.85	25.99	26.39	26.30	26.34	27	QPSK	20MHz	1	49
25.81	25.87	26.30	26.17	26.22	27	QPSK	20MHz	1	99
24.90	25.16	25.45	25.32	25.36	26	QPSK	20MHz	50	0
24.86	25.11	25.40	25.30	25.35	26	QPSK	20MHz	50	25
24.80	25.04	25.37	25.26	25.32	26	QPSK	20MHz	50	50
24.93	25.15	25.46	25.35	25.37	26	QPSK	20MHz	100	0
24.87	25.17	25.37	25.27	25.29	26	16QAM	20MHz	1	0
24.84	25.13	25.36	25.24	25.25	26	16QAM	20MHz	1	49
24.72	25.02	25.23	25.18	25.20	26	16QAM	20MHz	1	99
23.83	24.13	24.41	24.27	24.32	25	16QAM	20MHz	50	0
23.76	24.08	24.35	24.22	24.25	25	16QAM	20MHz	50	25
23.80	24.10	24.39	24.24	24.28	25	16QAM	20MHz	50	50
23.87	24.20	24.47	24.31	24.34	25	16QAM	20MHz	100	0

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LTE Band 41_PC2										
Maximum Average Power (dBm)					Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset	
39725	40173	40620	41068	41515	Channel					
2503.5	2548.3	2593	2637.8	2682.5	Freq. (MHz)					
25.78	25.99	26.41	26.25	26.36	27	QPSK	15MHz	1	0	
25.82	25.92	26.33	26.23	26.29	27	QPSK	15MHz	1	37	
25.77	25.87	26.25	26.15	26.22	27	QPSK	15MHz	1	74	
24.87	25.10	25.43	25.22	25.32	26	QPSK	15MHz	36	0	
24.78	25.04	25.35	25.27	25.28	26	QPSK	15MHz	36	19	
24.78	25.00	25.29	25.20	25.23	26	QPSK	15MHz	36	39	
24.90	25.14	25.39	25.33	25.28	26	QPSK	15MHz	75	0	
24.79	25.08	25.32	25.20	25.32	26	16QAM	15MHz	1	0	
24.79	25.07	25.28	25.24	25.24	26	16QAM	15MHz	1	37	
24.62	25.02	25.17	25.15	25.21	26	16QAM	15MHz	1	74	
23.82	24.03	24.36	24.25	24.26	25	16QAM	15MHz	36	0	
23.71	24.04	24.29	24.15	24.25	25	16QAM	15MHz	36	19	
23.78	24.10	24.29	24.15	24.24	25	16QAM	15MHz	36	39	
23.83	24.10	24.41	24.24	24.28	25	16QAM	15MHz	75	0	

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LTE Band 41_PC2									
Maximum Average Power (dBm)					Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
39700	40160	40620	41080	41540	Channel				
2501	2547	2593	2639	2685	Freq. (MHz)				
25.79	25.98	26.26	26.18	26.29	27	QPSK	10MHz	1	0
25.79	25.89	26.37	26.26	26.25	27	QPSK	10MHz	1	24
25.67	25.71	26.25	26.03	26.14	27	QPSK	10MHz	1	49
24.82	25.14	25.42	25.18	25.27	26	QPSK	10MHz	25	0
24.78	25.01	25.30	25.20	25.26	26	QPSK	10MHz	25	12
24.69	24.89	25.31	25.20	25.20	26	QPSK	10MHz	25	25
24.79	24.98	25.44	25.25	25.26	26	QPSK	10MHz	50	0
24.88	24.93	25.29	25.19	25.33	26	16QAM	10MHz	1	0
24.79	24.99	25.32	25.21	25.26	26	16QAM	10MHz	1	24
24.77	24.78	25.22	25.12	25.13	26	16QAM	10MHz	1	49
23.75	24.06	24.37	24.23	24.27	25	16QAM	10MHz	25	0
23.84	24.02	24.28	24.16	24.28	25	16QAM	10MHz	25	12
23.70	23.89	24.23	24.20	24.24	25	16QAM	10MHz	25	25
23.77	24.06	24.39	24.28	24.29	25	16QAM	10MHz	50	0

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LTE Band 41_PC2										
Maximum Average Power (dBm)					Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset	
39675	40148	40620	41093	41565	Channel					
2498.5	2545.8	2593	2640.3	2687.5	Freq. (MHz)					
25.75	26.02	26.22	26.24	26.33	27	QPSK	5MHz	1	0	
25.75	25.79	26.28	26.15	26.30	27	QPSK	5MHz	1	12	
25.72	25.70	26.16	26.05	26.03	27	QPSK	5MHz	1	24	
24.82	25.05	25.28	25.23	25.30	26	QPSK	5MHz	12	0	
24.84	24.97	25.34	25.21	25.24	26	QPSK	5MHz	12	6	
24.69	24.95	25.29	25.16	25.21	26	QPSK	5MHz	12	13	
24.85	25.08	25.41	25.25	25.23	26	QPSK	5MHz	25	0	
24.71	24.98	25.27	25.23	25.37	26	16QAM	5MHz	1	0	
24.76	24.86	25.23	25.21	25.29	26	16QAM	5MHz	1	12	
24.72	24.67	25.16	25.07	25.11	26	16QAM	5MHz	1	24	
23.75	24.05	24.25	24.18	24.28	25	16QAM	5MHz	12	0	
23.83	23.94	24.27	24.18	24.18	25	16QAM	5MHz	12	6	
23.71	23.90	24.24	24.17	24.21	25	16QAM	5MHz	12	13	
23.83	24.08	24.41	24.25	24.29	25	16QAM	5MHz	25	0	

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LTE Band 48								
Maximum Average Power (dBm)				Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
55340	55773	56207	56640	Channel				
3560	3603.3	3646.7	3690	Freq. (MHz)				
21.55	21.50	21.57	21.53	22	QPSK	20MHz	1	0
21.51	21.44	21.54	21.48	22	QPSK	20MHz	1	49
21.48	21.42	21.50	21.44	22	QPSK	20MHz	1	99
20.55	20.49	20.58	20.52	21	QPSK	20MHz	50	0
20.50	20.45	20.53	20.47	21	QPSK	20MHz	50	25
20.45	20.40	20.49	20.42	21	QPSK	20MHz	50	50
20.53	20.46	20.56	20.50	21	QPSK	20MHz	100	0
20.48	20.42	20.52	20.46	21	16QAM	20MHz	1	0
20.45	20.41	20.47	20.43	21	16QAM	20MHz	1	49
20.40	20.33	20.44	20.37	21	16QAM	20MHz	1	99
19.52	19.45	19.55	19.49	20	16QAM	20MHz	50	0
19.46	19.39	19.50	19.42	20	16QAM	20MHz	50	25
19.41	19.34	19.44	19.38	20	16QAM	20MHz	50	50
19.57	19.53	19.59	19.55	20	16QAM	20MHz	100	0

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LTE Band 48								
Maximum Average Power (dBm)				Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
55315	55765	56215	56665	Channel				
3557.5	3602.5	3647.5	3692.5	Freq. (MHz)				
21.47	21.50	21.49	21.47	22	QPSK	15MHz	1	0
21.47	21.34	21.54	21.40	22	QPSK	15MHz	1	37
21.42	21.42	21.43	21.39	22	QPSK	15MHz	1	74
20.55	20.39	20.49	20.47	21	QPSK	15MHz	36	0
20.48	20.35	20.50	20.37	21	QPSK	15MHz	36	19
20.42	20.40	20.39	20.32	21	QPSK	15MHz	36	39
20.44	20.38	20.55	20.44	21	QPSK	15MHz	75	0
20.44	20.38	20.48	20.52	21	16QAM	15MHz	1	0
20.39	20.39	20.44	20.39	21	16QAM	15MHz	1	37
20.30	20.25	20.41	20.40	21	16QAM	15MHz	1	74
19.46	19.43	19.50	19.49	20	16QAM	15MHz	36	0
19.42	19.38	19.47	19.42	20	16QAM	15MHz	36	19
19.40	19.29	19.34	19.32	20	16QAM	15MHz	36	39
19.52	19.50	19.56	19.42	20	16QAM	15MHz	75	0

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LTE Band 48								
Maximum Average Power (dBm)				Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
55290	55757	56223	56690	Channel				
3555	3601.7	3648.3	3695	Freq. (MHz)				
21.48	21.40	21.49	21.50	22	QPSK	10MHz	1	0
21.44	21.24	21.45	21.36	22	QPSK	10MHz	1	24
21.35	21.27	21.37	21.29	22	QPSK	10MHz	1	49
20.55	20.34	20.42	20.47	21	QPSK	10MHz	25	0
20.40	20.40	20.42	20.37	21	QPSK	10MHz	25	12
20.44	20.29	20.41	20.34	21	QPSK	10MHz	25	25
20.53	20.39	20.48	20.47	21	QPSK	10MHz	50	0
20.46	20.41	20.53	20.49	21	16QAM	10MHz	1	0
20.38	20.32	20.38	20.40	21	16QAM	10MHz	1	24
20.42	20.28	20.39	20.30	21	16QAM	10MHz	1	49
19.55	19.37	19.46	19.51	20	16QAM	10MHz	25	0
19.44	19.37	19.46	19.35	20	16QAM	10MHz	25	12
19.44	19.34	19.39	19.28	20	16QAM	10MHz	25	25
19.43	19.34	19.49	19.43	20	16QAM	10MHz	50	0



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LTE Band 48								
Maximum Average Power (dBm)				Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
55265	55748	56232	56715	Channel				
3552.5	3600.8	3649.2	3697.5	Freq. (MHz)				
21.52	21.45	21.49	21.34	22	QPSK	5MHz	1	0
21.41	21.34	21.47	21.39	22	QPSK	5MHz	1	12
21.35	21.24	21.32	21.29	22	QPSK	5MHz	1	24
20.40	20.40	20.50	20.35	21	QPSK	5MHz	12	0
20.40	20.42	20.43	20.38	21	QPSK	5MHz	12	6
20.26	20.22	20.39	20.30	21	QPSK	5MHz	12	13
20.44	20.29	20.42	20.33	21	QPSK	5MHz	25	0
20.44	20.47	20.47	20.42	21	16QAM	5MHz	1	0
20.40	20.34	20.44	20.36	21	16QAM	5MHz	1	12
20.35	20.26	20.39	20.31	21	16QAM	5MHz	1	24
19.47	19.39	19.47	19.33	20	16QAM	5MHz	12	0
19.35	19.33	19.53	19.39	20	16QAM	5MHz	12	6
19.30	19.25	19.46	19.35	20	16QAM	5MHz	12	13
19.40	19.29	19.45	19.41	20	16QAM	5MHz	25	0

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LTE Band 66							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
132072	132322	132572	Channel				
1720	1745	1770	Freq. (MHz)				
23.39	23.46	23.42	24	QPSK	20MHz	1	0
23.35	23.42	23.39	24	QPSK	20MHz	1	49
23.32	23.39	23.35	24	QPSK	20MHz	1	99
22.37	22.45	22.40	23	QPSK	20MHz	50	0
22.34	22.40	22.37	23	QPSK	20MHz	50	25
22.30	22.37	22.33	23	QPSK	20MHz	50	50
22.33	22.42	22.37	23	QPSK	20MHz	100	0
22.33	22.40	22.36	23	16QAM	20MHz	1	0
22.28	22.36	22.32	23	16QAM	20MHz	1	49
22.24	22.31	22.28	23	16QAM	20MHz	1	99
21.35	21.44	21.40	22	16QAM	20MHz	50	0
21.31	21.40	21.35	22	16QAM	20MHz	50	25
21.27	21.35	21.31	22	16QAM	20MHz	50	50
21.39	21.44	21.42	22	16QAM	20MHz	100	0

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LTE Band 66								
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset	
132047	132322	132597	Channel					
1717.5	1745	1772.5	Freq. (MHz)					
23.32	23.37	23.35	24	QPSK	15MHz	1	0	
23.27	23.40	23.33	24	QPSK	15MHz	1	37	
23.32	23.34	23.26	24	QPSK	15MHz	1	74	
22.30	22.37	22.34	23	QPSK	15MHz	36	0	
22.26	22.31	22.33	23	QPSK	15MHz	36	19	
22.27	22.37	22.24	23	QPSK	15MHz	36	39	
22.33	22.32	22.31	23	QPSK	15MHz	75	0	
22.33	22.31	22.27	23	16QAM	15MHz	1	0	
22.21	22.28	22.31	23	16QAM	15MHz	1	37	
22.19	22.25	22.28	23	16QAM	15MHz	1	74	
21.34	21.39	21.40	22	16QAM	15MHz	36	0	
21.26	21.40	21.27	22	16QAM	15MHz	36	19	
21.23	21.25	21.23	22	16QAM	15MHz	36	39	
21.30	21.39	21.39	22	16QAM	15MHz	75	0	

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LTE Band 66							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
132022	132322	132622	Channel				
1715	1745	1775	Freq. (MHz)				
23.38	23.44	23.32	24	QPSK	10MHz	1	0
23.23	23.26	23.30	24	QPSK	10MHz	1	24
23.19	23.29	23.27	24	QPSK	10MHz	1	49
22.30	22.22	22.27	23	QPSK	10MHz	25	0
22.16	22.19	22.20	23	QPSK	10MHz	25	12
22.05	22.29	22.15	23	QPSK	10MHz	25	25
22.16	22.32	22.24	23	QPSK	10MHz	50	0
22.28	22.19	22.19	23	16QAM	10MHz	1	0
22.18	22.17	22.17	23	16QAM	10MHz	1	24
22.05	22.08	22.24	23	16QAM	10MHz	1	49
21.23	21.25	21.24	22	16QAM	10MHz	25	0
21.25	21.36	21.23	22	16QAM	10MHz	25	12
21.19	21.16	21.14	22	16QAM	10MHz	25	25
21.24	21.33	21.25	22	16QAM	10MHz	50	0

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LTE Band 66								
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset	
131997	132322	132647	Channel					
1712.5	1745	1777.5	Freq. (MHz)					
23.27	23.30	23.25	24	QPSK	5MHz	1	0	
23.23	23.38	23.11	24	QPSK	5MHz	1	12	
23.07	23.16	23.29	24	QPSK	5MHz	1	24	
22.34	22.26	22.32	23	QPSK	5MHz	12	0	
22.26	22.26	22.23	23	QPSK	5MHz	12	6	
22.23	22.29	22.04	23	QPSK	5MHz	12	13	
22.23	22.24	22.28	23	QPSK	5MHz	25	0	
22.32	22.28	22.20	23	16QAM	5MHz	1	0	
22.24	22.29	22.18	23	16QAM	5MHz	1	12	
22.21	22.13	22.09	23	16QAM	5MHz	1	24	
21.23	21.40	21.25	22	16QAM	5MHz	12	0	
21.20	21.31	21.14	22	16QAM	5MHz	12	6	
21.03	21.17	21.21	22	16QAM	5MHz	12	13	
21.25	21.32	21.26	22	16QAM	5MHz	25	0	

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LTE Band 66								
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset	
131987	132322	132657	Channel					
1711.5	1745	1778.5	Freq. (MHz)					
23.17	23.35	23.26	24	QPSK	3MHz	1	0	
23.18	23.32	23.25	24	QPSK	3MHz	1	7	
23.22	23.22	23.12	24	QPSK	3MHz	1	14	
22.28	22.29	22.23	23	QPSK	3MHz	8	0	
22.11	22.30	22.18	23	QPSK	3MHz	8	3	
22.10	22.25	22.27	23	QPSK	3MHz	8	7	
22.13	22.32	22.17	23	QPSK	3MHz	15	0	
22.17	22.23	22.24	23	16QAM	3MHz	1	0	
22.10	22.16	22.16	23	16QAM	3MHz	1	7	
22.08	22.12	22.06	23	16QAM	3MHz	1	14	
21.11	21.20	21.25	22	16QAM	3MHz	8	0	
21.19	21.29	21.33	22	16QAM	3MHz	8	3	
21.07	21.18	21.15	22	16QAM	3MHz	8	7	
21.21	21.41	21.23	22	16QAM	3MHz	15	0	

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LTE Band 66								
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset	
131979	132322	132665	Channel					
1710.7	1745	1779.3	Freq. (MHz)					
23.38	23.23	23.36	24	QPSK	1.4MHz	1	0	
23.10	23.18	23.24	24	QPSK	1.4MHz	1	2	
23.18	23.33	23.14	24	QPSK	1.4MHz	1	5	
23.18	23.38	23.28	24	QPSK	1.4MHz	3	0	
23.28	23.23	23.16	24	QPSK	1.4MHz	3	1	
23.29	23.27	23.20	24	QPSK	1.4MHz	3	3	
22.21	22.34	22.30	23	QPSK	1.4MHz	6	0	
22.20	22.21	22.24	23	16QAM	1.4MHz	1	0	
22.22	22.14	22.25	23	16QAM	1.4MHz	1	2	
22.09	22.13	22.09	23	16QAM	1.4MHz	1	5	
22.19	22.33	22.32	23	16QAM	1.4MHz	3	0	
22.19	22.29	22.22	23	16QAM	1.4MHz	3	1	
22.11	22.27	22.17	23	16QAM	1.4MHz	3	3	
21.20	21.35	21.35	22	16QAM	1.4MHz	6	0	

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LTE Band 71							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
133222	133322	133372	Channel				
673	683	688	Freq. (MHz)				
24.16	24.24	24.20	25	QPSK	20MHz	1	0
24.12	24.20	24.15	25	QPSK	20MHz	1	49
24.07	24.15	24.10	25	QPSK	20MHz	1	99
23.15	23.23	23.18	24	QPSK	20MHz	50	0
23.09	23.19	23.13	24	QPSK	20MHz	50	25
23.04	23.14	23.08	24	QPSK	20MHz	50	50
23.19	23.26	23.22	24	QPSK	20MHz	100	0
23.15	23.23	23.19	24	16QAM	20MHz	1	0
23.11	23.18	23.15	24	16QAM	20MHz	1	49
23.06	23.14	23.09	24	16QAM	20MHz	1	99
22.17	22.25	22.21	23	16QAM	20MHz	50	0
22.15	22.21	22.18	23	16QAM	20MHz	50	25
22.11	22.17	22.15	23	16QAM	20MHz	50	50
22.16	22.23	22.19	23	16QAM	20MHz	100	0



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LTE Band 71								
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset	
133197	133297	133397	Channel					
670.5	680.5	690.5	Freq. (MHz)					
24.12	24.19	24.14	25	QPSK	15MHz	1	0	
24.05	24.14	24.12	25	QPSK	15MHz	1	37	
23.98	24.08	24.01	25	QPSK	15MHz	1	74	
23.15	23.18	23.12	24	QPSK	15MHz	36	0	
23.06	23.09	23.13	24	QPSK	15MHz	36	19	
22.98	23.12	22.98	24	QPSK	15MHz	36	39	
23.09	23.18	23.21	24	QPSK	15MHz	75	0	
23.10	23.14	23.14	24	16QAM	15MHz	1	0	
23.09	23.17	23.14	24	16QAM	15MHz	1	37	
22.98	23.07	23.02	24	16QAM	15MHz	1	74	
22.07	22.23	22.21	23	16QAM	15MHz	36	0	
22.13	22.15	22.14	23	16QAM	15MHz	36	19	
22.10	22.07	22.09	23	16QAM	15MHz	36	39	
22.07	22.23	22.17	23	16QAM	15MHz	75	0	

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LTE Band 71							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
133172	133272	133422	Channel				
668	678	693	Freq. (MHz)				
24.11	24.08	24.04	25	QPSK	10MHz	1	0
24.06	24.04	24.03	25	QPSK	10MHz	1	24
23.90	24.00	23.89	25	QPSK	10MHz	1	49
23.02	23.08	23.00	24	QPSK	10MHz	25	0
23.02	23.13	23.02	24	QPSK	10MHz	25	12
22.81	23.08	22.88	24	QPSK	10MHz	25	25
23.02	23.09	23.07	24	QPSK	10MHz	50	0
22.97	22.98	23.03	24	16QAM	10MHz	1	0
22.98	23.06	22.96	24	16QAM	10MHz	1	24
22.85	23.00	22.95	24	16QAM	10MHz	1	49
22.09	22.16	22.05	23	16QAM	10MHz	25	0
22.01	22.07	21.97	23	16QAM	10MHz	25	12
21.96	22.05	22.00	23	16QAM	10MHz	25	25
22.12	22.09	22.15	23	16QAM	10MHz	50	0

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LTE Band 71								
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset	
133147	133247	133447	Channel					
665.5	675.5	695.5	Freq. (MHz)					
24.04	24.11	24.08	25	QPSK	5MHz	1	0	
24.10	24.06	23.82	25	QPSK	5MHz	1	12	
23.93	24.02	23.86	25	QPSK	5MHz	1	24	
22.93	23.13	22.94	24	QPSK	5MHz	12	0	
23.03	23.04	22.87	24	QPSK	5MHz	12	6	
22.94	23.03	22.92	24	QPSK	5MHz	12	13	
23.03	23.20	23.08	24	QPSK	5MHz	25	0	
22.98	23.03	23.15	24	16QAM	5MHz	1	0	
23.07	23.00	23.02	24	16QAM	5MHz	1	12	
22.89	22.99	22.95	24	16QAM	5MHz	1	24	
22.04	22.09	21.99	23	16QAM	5MHz	12	0	
21.98	22.14	22.03	23	16QAM	5MHz	12	6	
21.95	22.01	21.96	23	16QAM	5MHz	12	13	
22.12	22.13	22.12	23	16QAM	5MHz	25	0	

<Laptop Mode>

WLAN 2.4 GHz Tune-up Power					
Mode	Channel	Frequency (MHz)	ANT 0	ANT 1	ANT 0+1
			Tune-Up Limit	Tune-Up Limit	Tune-Up Limit
802.11b	1	2412	20.25	20.25	---
	6	2437	20.25	20.25	---
	11	2462	20.25	20.25	---
	12	2467	19.00	18.75	---
	13	2472	16.50	16.25	---
802.11g	1	2412	18.25	19.00	---
	6	2437	20.25	19.88	---
	11	2462	18.25	18.25	---
	12	2467	15.00	15.00	---
	13	2472	10.50	11.50	---
802.11n HT20	1	2412	18.25	19.00	18.75
	6	2437	20.25	20.13	23.25
	11	2462	18.25	18.25	19.50
	12	2467	15.00	15.00	14.50
	13	2472	10.50	11.50	12.25
802.11n HT40	3	2422	16.00	15.75	18.25
	6	2437	17.25	17.75	18.75
	9	2452	16.50	15.50	18.00
	10	2457	11.25	10.50	11.00
	11	2462	10.75	10.50	12.00
802.11ax HE20	1	2412	18.25	19.00	17.25
	6	2437	20.25	20.13	20.13
	11	2462	18.25	18.25	17.25
	12	2467	15.00	15.00	14.50
	13	2472	10.50	11.50	12.25
802.11ax HE40	3	2422	16.00	15.75	16.25
	6	2437	17.25	17.75	16.00
	9	2452	16.50	15.50	15.50
	10	2457	11.25	10.50	11.00
	11	2462	10.75	10.50	12.00

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WLAN 5.2 GHz Tune-up Power					
Mode	Channel	Frequency (MHz)	ANT 0	ANT 1	ANT 0+1
			Tune-Up Limit	Tune-Up Limit	Tune-Up Limit
802.11a	36	5180	14.50	14.50	---
	40	5200	14.50	14.50	---
	44	5220	14.50	14.50	---
	48	5240	14.50	14.50	---
802.11n HT20	36	5180	14.50	14.50	17.50
	40	5200	14.50	14.50	17.50
	44	5220	14.50	14.50	17.50
	48	5240	14.50	14.50	17.50
802.11n HT40	38	5190	14.50	14.50	17.50
	46	5230	14.50	14.50	17.50
802.11ac VHT80	42	5210	14.50	14.50	17.50
802.11ax HE20	36	5180	14.50	14.50	17.50
	40	5200	14.50	14.50	17.50
	44	5220	14.50	14.50	17.50
	48	5240	14.50	14.50	17.50
802.11ax HE40	38	5190	14.50	14.50	17.50
	46	5230	14.50	14.50	17.50
802.11ax HE80	42	5210	14.50	14.50	17.50

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<b>WLAN 5.3 GHz Tune-up Power</b>					
Mode	Channel	Frequency (MHz)	ANT 0	ANT 1	ANT 0+1
			Tune-Up Limit	Tune-Up Limit	Tune-Up Limit
802.11a	52	5260	14.50	14.50	---
	56	5280	14.50	14.50	---
	60	5300	14.50	14.50	---
	64	5320	14.50	14.50	---
802.11n HT20	52	5260	14.50	14.50	17.50
	56	5280	14.50	14.50	17.50
	60	5300	14.50	14.50	17.50
	64	5320	14.50	14.50	17.50
802.11n HT40	54	5270	14.50	14.50	17.50
	62	5310	14.50	14.50	17.50
802.11ac VHT80	58	5290	14.50	14.50	16.75
802.11ac VHT160	50	5250	14.50	14.50	15.75
802.11ax HE20	52	5260	14.50	14.50	17.50
	56	5280	14.50	14.50	17.50
	60	5300	14.50	14.50	17.50
	64	5320	14.50	14.50	17.50
802.11ax HE40	54	5270	14.50	14.50	17.50
	62	5310	14.50	14.50	17.50
802.11ax HE80	58	5290	14.50	14.50	16.75
802.11ax HE160	50	5250	14.50	14.50	15.75

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WLAN 5.6 GHz Tune-up Power					
Mode	Channel	Frequency (MHz)	ANT 0	ANT 1	ANT 0+1
			Tune-Up Limit	Tune-Up Limit	Tune-Up Limit
802.11a	100	5500	14.50	14.50	---
	116	5580	14.50	14.50	---
	124	5620	14.50	14.50	---
	132	5660	14.50	14.50	---
	140	5700	14.50	14.50	---
	144	5720	14.50	14.50	---
802.11n HT20	100	5500	14.50	14.50	17.50
	116	5580	14.50	14.50	17.50
	124	5620	14.50	14.50	17.50
	132	5660	14.50	14.50	17.50
	140	5700	14.50	14.50	17.50
	144	5720	14.50	14.50	17.50
802.11n HT40	102	5510	14.50	14.50	17.50
	110	5550	14.50	14.50	17.50
	126	5630	14.50	14.50	17.50
	134	5670	14.50	14.50	17.50
	142	5710	14.50	14.50	17.50
802.11ac VHT80	106	5530	14.50	14.50	17.50
	122	5610	14.50	14.50	17.50
	138	5690	14.50	14.50	17.50
802.11ac VHT160	114	5570	14.50	14.50	16.50
802.11ax HE20	100	5500	14.50	14.50	17.50
	116	5580	14.50	14.50	17.50
	124	5620	14.50	14.50	17.50
	132	5660	14.50	14.50	17.50
	140	5700	14.50	14.50	17.50
	144	5720	14.50	14.50	17.50
802.11ax HE40	102	5510	14.50	14.50	17.50
	110	5550	14.50	14.50	17.50
	126	5630	14.50	14.50	17.50
	134	5670	14.50	14.50	17.50
	142	5710	14.50	14.50	17.50
802.11ax HE80	106	5530	14.50	14.50	17.50
	122	5610	14.50	14.50	17.50
	138	5690	14.50	14.50	17.50
802.11ax HE160	114	5570	14.50	14.50	16.50

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WLAN 5.8 GHz Tune-up Power					
Mode	Channel	Frequency (MHz)	ANT 0	ANT 1	ANT 0+1
			Tune-Up Limit	Tune-Up Limit	Tune-Up Limit
802.11a	149	5745	15.00	15.00	---
	157	5785	15.00	15.00	---
	165	5825	15.00	15.00	---
	169	5845	15.00	15.00	---
	173	5865	15.00	15.00	---
	177	5885	15.00	15.00	---
802.11n HT20	149	5745	15.00	15.00	18.00
	157	5785	15.00	15.00	18.00
	165	5825	15.00	15.00	18.00
	169	5845	15.00	15.00	18.00
	173	5865	15.00	15.00	18.00
	177	5885	15.00	15.00	17.50
802.11n HT40	151	5755	15.00	15.00	18.00
	159	5795	15.00	15.00	18.00
	167	5835	15.00	15.00	18.00
	175	5875	15.00	15.00	18.00
802.11ac VHT80	155	5775	15.00	15.00	18.00
	171	5855	15.00	15.00	18.00
802.11ac VHT160	163	5815	15.00	15.00	18.00
802.11ax HE20	149	5745	15.00	15.00	18.00
	157	5785	15.00	15.00	18.00
	165	5825	15.00	15.00	18.00
	169	5845	15.00	15.00	18.00
	173	5865	15.00	15.00	18.00
	177	5885	15.00	15.00	18.00
802.11ax HE40	151	5755	15.00	15.00	18.00
	159	5795	15.00	15.00	18.00
	167	5835	15.00	15.00	18.00
	175	5875	15.00	15.00	18.00
802.11ax HE80	155	5775	15.00	15.00	18.00
	171	5855	15.00	15.00	18.00
802.11ax HE160	163	5815	15.00	15.00	18.00



**<Laptop Mode>**

<b>BT 2.0 / 3.0 Tune-up Power</b>				
Mode	Channel	Frequency (MHz)	ANT 0	ANT 1
			Tune-Up Limit	Tune-Up Limit
BR / EDR 1Mbps (GFSK)	0	2402	---	10.50
	39	2441	---	10.50
	78	2480	---	10.50
BR / EDR 2Mbps ( $\pi/4$ DQPSK)	0	2402	---	9.50
	39	2441	---	9.50
	78	2480	---	9.50
BR / EDR 3Mbps (8-DPSK)	0	2402	---	9.50
	39	2441	---	9.50
	78	2480	---	9.50

**<Laptop Mode>**

<b>BT 4.0 / 5.0 Tune-up Power</b>				
Mode	Channel	Frequency (MHz)	ANT 0	ANT 1
			Tune-Up Limit	Tune-Up Limit
LE 1Mbps (GFSK)	0	2402	---	9.00
	19	2440	---	9.00
	39	2480	---	9.00
LE 2Mbps ( $\pi/4$ DQPSK)	1	2404	---	9.00
	19	2440	---	9.00
	38	2478	---	9.00

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WLAN 2.4 GHz										
Mode	Channel	Frequency (MHz)	ANT 0		ANT 1		ANT 0+1			
			Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm) ANT 0	Average power (dBm) ANT 1	Average power (dBm) ANT 0+1	Tune-Up Limit
802.11b	1	2412	20.13	20.25	20.08	20.25	---	---	---	---
	6	2437	20.01	20.25	20.07	20.25	---	---	---	---
	11	2462	19.98	20.25	20.06	20.25	---	---	---	---
	12	2467	18.68	19.00	18.65	18.75	---	---	---	---
	13	2472	16.36	16.50	16.15	16.25	---	---	---	---
802.11g	1	2412	18.11	18.25	18.86	19.00	---	---	---	---
	6	2437	20.06	20.25	19.72	19.88	---	---	---	---
	11	2462	18.10	18.25	18.14	18.25	---	---	---	---
	12	2467	14.83	15.00	14.89	15.00	---	---	---	---
	13	2472	10.29	10.50	11.32	11.50	---	---	---	---
802.11n HT20	1	2412	18.09	18.25	18.84	19.00	14.73	14.69	17.72	18.75
	6	2437	20.10	20.25	20.03	20.13	19.47	19.52	22.51	23.25
	11	2462	18.13	18.25	18.15	18.25	15.84	15.98	18.92	19.50
	12	2467	14.91	15.00	14.92	15.00	11.04	11.36	14.21	14.50
	13	2472	10.35	10.50	11.39	11.50	9.02	9.17	12.11	12.25
802.11n HT40	3	2422	15.92	16.00	15.69	15.75	14.89	15.30	18.11	18.25
	6	2437	17.18	17.25	17.62	17.75	15.34	15.75	18.56	18.75
	9	2452	16.34	16.50	15.38	15.50	14.71	14.91	17.82	18.00
	10	2457	11.08	11.25	10.42	10.50	7.77	7.87	10.83	11.00
	11	2462	10.62	10.75	10.33	10.50	8.87	8.85	11.87	12.00
802.11ax HE20	1	2412	18.17	18.25	18.82	19.00	14.11	14.07	17.10	17.25
	6	2437	20.04	20.25	20.05	20.13	17.08	17.02	20.06	20.13
	11	2462	18.12	18.25	18.17	18.25	14.19	14.07	17.14	17.25
	12	2467	14.90	15.00	14.82	15.00	11.38	11.26	14.33	14.50
	13	2472	10.37	10.50	11.39	11.50	9.19	9.19	12.20	12.25
802.11ax HE40	3	2422	15.87	16.00	15.62	15.75	13.09	13.19	16.15	16.25
	6	2437	17.07	17.25	17.71	17.75	12.91	12.75	15.84	16.00
	9	2452	16.39	16.50	15.38	15.50	12.42	12.18	15.31	15.50
	10	2457	11.18	11.25	10.38	10.50	7.88	7.70	10.80	11.00
	11	2462	10.64	10.75	10.40	10.50	8.91	8.73	11.83	12.00

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WLAN 5.2 GHz										
Mode	Channel	Frequency (MHz)	ANT 0		ANT 1		ANT 0+1			
			Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm) ANT 0	Average power (dBm) ANT 1	Average power (dBm) ANT 0+1	Tune-Up Limit
802.11a	36	5180	14.11	14.50	14.08	14.50	---	---	---	---
	40	5200	13.91	14.50	14.10	14.50	---	---	---	---
	44	5220	13.92	14.50	14.04	14.50	---	---	---	---
	48	5240	13.98	14.50	14.08	14.50	---	---	---	---
802.11n HT20	36	5180	13.96	14.50	14.12	14.50	13.94	13.83	16.90	17.50
	40	5200	14.01	14.50	14.08	14.50	13.97	13.79	16.89	17.50
	44	5220	13.90	14.50	14.06	14.50	14.00	13.88	16.95	17.50
	48	5240	14.06	14.50	14.11	14.50	13.91	13.84	16.89	17.50
802.11n HT40	38	5190	13.99	14.50	13.98	14.50	14.04	13.79	16.93	17.50
	46	5230	14.03	14.50	13.99	14.50	13.94	14.08	17.02	17.50
802.11ac VHT80	42	5210	14.15	14.50	14.17	14.50	14.09	14.11	17.11	17.50
802.11ax HE20	36	5180	13.88	14.50	13.91	14.50	13.91	13.88	16.91	17.50
	40	5200	13.83	14.50	14.11	14.50	13.98	13.96	16.98	17.50
	44	5220	13.99	14.50	13.98	14.50	13.89	13.83	16.87	17.50
	48	5240	14.00	14.50	14.12	14.50	13.97	14.07	17.03	17.50
802.11ax HE40	38	5190	13.90	14.50	14.07	14.50	13.90	13.55	16.74	17.50
	46	5230	14.02	14.50	13.94	14.50	13.89	13.95	16.93	17.50
802.11ax HE80	42	5210	13.83	14.50	14.09	14.50	14.07	13.96	17.03	17.50

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WLAN 5.3 GHz										
Mode	Channel	Frequency (MHz)	ANT 0		ANT 1		ANT 0+1			
			Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm) ANT 0	Average power (dBm) ANT 1	Average power (dBm) ANT 0+1	Tune-Up Limit
802.11a	52	5260	14.25	14.50	14.32	14.50	---	---	---	---
	56	5280	14.16	14.50	14.25	14.50	---	---	---	---
	60	5300	14.14	14.50	14.23	14.50	---	---	---	---
	64	5320	14.23	14.50	14.28	14.50	---	---	---	---
802.11n HT20	52	5260	14.29	14.50	14.38	14.50	14.16	14.17	17.18	17.50
	56	5280	14.27	14.50	14.35	14.50	14.15	14.21	17.19	17.50
	60	5300	14.17	14.50	14.28	14.50	14.13	14.18	17.17	17.50
	64	5320	14.21	14.50	14.31	14.50	14.13	14.17	17.16	17.50
802.11n HT40	54	5270	14.28	14.50	14.34	14.50	14.16	14.21	17.20	17.50
	62	5310	14.28	14.50	14.33	14.50	14.13	14.26	17.21	17.50
802.11ac VHT80	58	5290	14.30	14.50	14.37	14.50	13.59	13.55	16.58	16.75
802.11ac VHT160	50	5250	14.33	14.50	14.41	14.50	12.69	12.49	15.60	15.75
802.11ax HE20	52	5260	14.23	14.50	14.33	14.50	14.05	14.19	17.13	17.50
	56	5280	14.17	14.50	14.28	14.50	14.07	14.17	17.13	17.50
	60	5300	14.16	14.50	14.25	14.50	14.05	14.07	17.07	17.50
	64	5320	14.23	14.50	14.32	14.50	14.11	14.23	17.18	17.50
802.11ax HE40	54	5270	14.17	14.50	14.26	14.50	14.13	14.08	17.12	17.50
	62	5310	14.22	14.50	14.27	14.50	14.19	14.05	17.13	17.50
802.11ax HE80	58	5290	14.25	14.50	14.31	14.50	13.62	13.54	16.59	16.75
802.11ax HE160	50	5250	14.24	14.50	14.30	14.50	12.51	12.46	15.50	15.75

<Laptop Mode>

WLAN 5.6 GHz										
Mode	Channel	Frequency (MHz)	ANT 0		ANT 1		ANT 0+1			
			Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm) ANT 0	Average power (dBm) ANT 1	Average power (dBm) ANT 0+1	Tune-Up Limit
802.11a	100	5500	14.22	14.50	14.23	14.50	---	---	---	---
	116	5580	14.17	14.50	14.27	14.50	---	---	---	---
	124	5620	14.26	14.50	14.15	14.50	---	---	---	---
	132	5660	14.17	14.50	14.17	14.50	---	---	---	---
	140	5700	14.22	14.50	14.22	14.50	---	---	---	---
	144	5720	14.27	14.50	14.26	14.50	---	---	---	---
802.11n HT20	100	5500	14.21	14.50	14.22	14.50	14.27	14.24	17.27	17.50
	116	5580	14.30	14.50	14.17	14.50	14.23	14.25	17.25	17.50
	124	5620	14.19	14.50	14.27	14.50	14.24	14.22	17.24	17.50
	132	5660	14.31	14.50	14.14	14.50	14.31	14.18	17.26	17.50
	140	5700	14.29	14.50	14.25	14.50	14.27	14.25	17.27	17.50
	144	5720	14.29	14.50	14.17	14.50	14.23	14.32	17.29	17.50
802.11n HT40	102	5510	14.23	14.50	14.10	14.50	14.16	14.33	17.26	17.50
	110	5550	14.33	14.50	14.21	14.50	14.26	14.16	17.22	17.50
	126	5630	14.33	14.50	14.27	14.50	14.09	14.09	17.10	17.50
	134	5670	14.34	14.50	14.25	14.50	14.23	14.18	17.22	17.50
	142	5710	14.27	14.50	14.25	14.50	14.09	14.17	17.14	17.50
802.11ac VHT80	106	5530	14.30	14.50	14.13	14.50	14.32	14.35	17.35	17.50
	122	5610	14.20	14.50	14.25	14.50	14.15	14.07	17.12	17.50
	138	5690	14.32	14.50	14.39	14.50	14.34	14.13	17.25	17.50
802.11ac VHT160	114	5570	14.36	14.50	14.29	14.50	13.41	13.21	16.32	16.50
802.11ax HE20	100	5500	14.34	14.50	14.12	14.50	14.20	14.19	17.21	17.50
	116	5580	14.22	14.50	14.19	14.50	14.27	14.16	17.23	17.50
	124	5620	14.28	14.50	14.19	14.50	14.23	14.20	17.23	17.50
	132	5660	14.30	14.50	14.24	14.50	14.14	14.22	17.19	17.50
	140	5700	14.30	14.50	14.24	14.50	14.10	14.23	17.18	17.50
	144	5720	14.31	14.50	14.17	14.50	14.18	14.19	17.20	17.50
802.11ax HE40	102	5510	14.18	14.50	14.13	14.50	14.17	14.15	17.17	17.50
	110	5550	14.21	14.50	14.14	14.50	14.16	14.07	17.13	17.50
	126	5630	14.29	14.50	14.16	14.50	14.10	14.08	17.10	17.50
	134	5670	14.18	14.50	14.18	14.50	14.19	14.19	17.20	17.50
	142	5710	14.22	14.50	14.21	14.50	14.22	14.21	17.23	17.50
802.11ax HE80	106	5530	14.33	14.50	14.24	14.50	14.24	14.21	17.24	17.50
	122	5610	14.31	14.50	14.15	14.50	14.22	14.15	17.20	17.50
	138	5690	14.20	14.50	14.10	14.50	14.20	14.17	17.20	17.50
802.11ax HE160	114	5570	14.32	14.50	14.13	14.50	13.75	13.67	16.72	16.50

<Laptop Mode>

WLAN 5.8 GHz										
Mode	Channel	Frequency (MHz)	ANT 0		ANT 1		ANT 0+1			
			Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm) ANT 0	Average power (dBm) ANT 1	Average power (dBm) ANT 0+1	Tune-Up Limit
802.11a	149	5745	14.82	15.00	14.84	15.00	---	---	---	---
	157	5785	14.81	15.00	14.78	15.00	---	---	---	---
	165	5825	14.71	15.00	14.85	15.00	---	---	---	---
	169	5845	14.83	15.00	14.71	15.00	---	---	---	---
	173	5865	14.80	15.00	14.74	15.00	---	---	---	---
	177	5885	14.84	15.00	14.75	15.00	---	---	---	---
802.11n HT20	149	5745	14.70	15.00	14.83	15.00	14.85	14.90	17.89	18.00
	157	5785	14.81	15.00	14.89	15.00	14.71	14.88	17.81	18.00
	165	5825	14.78	15.00	14.73	15.00	14.88	14.91	17.91	18.00
	169	5845	14.82	15.00	14.81	15.00	14.80	14.88	17.85	18.00
	173	5865	14.81	15.00	14.76	15.00	14.78	14.89	17.85	18.00
	177	5885	14.73	15.00	14.70	15.00	13.65	13.89	16.78	17.50
802.11n HT40	151	5755	14.78	15.00	14.92	15.00	14.78	14.87	17.84	18.00
	159	5795	14.78	15.00	14.90	15.00	14.83	14.90	17.88	18.00
	167	5835	14.75	15.00	14.80	15.00	14.70	14.70	17.71	18.00
	175	5875	14.73	15.00	14.92	15.00	14.72	14.83	17.79	18.00
802.11ac VHT80	155	5775	14.79	15.00	14.88	15.00	14.76	14.84	17.81	18.00
	171	5855	14.73	15.00	14.74	15.00	14.87	14.91	17.90	18.00
802.11ac VHT160	163	5815	14.78	15.00	14.82	15.00	14.74	14.91	17.84	18.00
802.11ax HE20	149	5745	14.83	15.00	14.74	15.00	14.71	14.87	17.80	18.00
	157	5785	14.77	15.00	14.86	15.00	14.89	14.92	17.92	18.00
	165	5825	14.75	15.00	14.86	15.00	14.77	14.88	17.84	18.00
	169	5845	14.70	15.00	14.74	15.00	14.76	14.85	17.82	18.00
	173	5865	14.74	15.00	14.80	15.00	14.75	14.81	17.79	18.00
	177	5885	14.73	15.00	14.90	15.00	14.75	14.86	17.82	18.00
802.11ax HE40	151	5755	14.70	15.00	14.85	15.00	14.77	14.83	17.81	18.00
	159	5795	14.79	15.00	14.88	15.00	14.70	14.75	17.74	18.00
	167	5835	14.84	15.00	14.82	15.00	14.85	14.91	17.89	18.00
	175	5875	14.70	15.00	14.76	15.00	14.74	14.91	17.84	18.00
802.11ax HE80	155	5775	14.69	15.00	14.70	15.00	14.74	14.76	17.76	18.00
	171	5855	14.76	15.00	14.70	15.00	14.78	14.83	17.82	18.00
802.11ax HE160	163	5815	14.74	15.00	14.76	15.00	14.84	14.88	17.87	18.00

**Laptop Mode>**

<b>BT 2.0 / 3.0</b>						
Mode	Channel	Frequency (MHz)	ANT 0		ANT 1	
			Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit
BR / EDR 1Mbps (GFSK)	0	2402	---	---	9.95	10.50
	39	2441	---	---	10.11	10.50
	78	2480	---	---	10.33	10.50
BR / EDR 2Mbps ( $\pi/4$ DQPSK)	0	2402	---	---	9.21	9.50
	39	2441	---	---	9.12	9.50
	78	2480	---	---	9.28	9.50
BR / EDR 3Mbps (8- DPSK)	0	2402	---	---	9.34	9.50
	39	2441	---	---	9.25	9.50
	78	2480	---	---	9.22	9.50



**Laptop Mode>**

<b>BT 4.0 / 5.0</b>						
Mode	Channel	Frequency (MHz)	ANT 0		ANT 1	
			Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit
LE 1Mbps (GFSK)	0	2402	---	---	8.73	9.00
	19	2440	---	---	8.69	9.00
	39	2480	---	---	8.61	9.00
LE 2Mbps ( $\pi/4$ DQPSK)	1	2404	---	---	8.39	9.00
	19	2440	---	---	8.57	9.00
	38	2478	---	---	8.51	9.00

**<Laptop Mode>**

<b>U-NII 5 Tune-up Power</b>					
Mode	Channel	Frequency (MHz)	ANT 0	ANT 1	ANT 0+1
			Tune-Up Limit	Tune-Up Limit	Tune-Up Limit
802.11ax HE20	1	5955	5.00	5.00	5.00
	45	6175	5.00	5.00	5.00
	93	6415	5.00	5.00	5.00
802.11ax HE40	3	5965	8.25	8.25	8.25
	43	6165	8.25	8.25	8.25
	91	6405	8.25	8.25	8.25
802.11ax HE80	7	5985	10.75	10.75	10.75
	39	6145	10.75	10.75	10.75
	87	6385	10.75	10.75	10.75
802.11ax HE160	15	6025	13.50	13.50	13.50
	47	6185	13.50	13.50	13.50
	79	6345	13.50	13.50	13.50

**<Laptop Mode>**

<b>U-NII 6 Tune-up Power</b>					
Mode	Channel	Frequency (MHz)	ANT 0	ANT 1	ANT 0+1
			Tune-Up Limit	Tune-Up Limit	Tune-Up Limit
802.11ax HE20	97	6435	5.00	5.00	5.00
	105	6475	5.00	5.00	5.00
	113	6515	5.00	5.00	5.00
802.11ax HE40	99	6445	8.25	8.25	8.25
	107	6485	8.25	8.25	8.25
802.11ax HE80	103	6465	10.75	10.75	10.75
	119	6545	10.75	10.75	10.75
802.11ax HE160	111	6505	13.50	13.50	13.50

**<Laptop Mode>**

<b>U-NII 7 Tune-up Power</b>					
Mode	Channel	Frequency (MHz)	ANT 0	ANT 1	ANT 0+1
			Tune-Up Limit	Tune-Up Limit	Tune-Up Limit
802.11ax HE20	117	6535	4.25	4.25	4.25
	149	6695	4.25	4.25	4.25
	181	6855	4.25	4.25	4.25
802.11ax HE40	115	6525	8.25	8.25	8.25
	147	6685	7.50	7.50	7.50
	179	6845	7.50	7.50	7.50
802.11ax HE80	135	6625	10.00	10.00	10.00
	151	6705	10.00	10.00	10.00
	167	6785	10.00	10.00	10.00
	183	6865	10.00	10.00	10.00
802.11ax HE160	143	6665	12.75	12.75	12.75
	175	6825	12.75	12.75	12.75

<Laptop Mode>

U-NII 8 Tune-up Power					
Mode	Channel	Frequency (MHz)	ANT 0	ANT 1	ANT 0+1
			Tune-Up Limit	Tune-Up Limit	Tune-Up Limit
802.11ax HE20	185	6875	4.25	4.25	4.25
	209	6995	4.25	4.25	4.25
	233	7115	-1.00	-1.00	-1.00
802.11ax HE40	187	6885	7.50	7.50	7.50
	211	7005	7.50	7.50	7.50
	227	7085	7.50	7.50	7.50
802.11ax HE80	199	6945	10.00	10.00	10.00
	215	7025	10.00	10.00	10.00
802.11ax HE160	207	6985	12.75	12.75	12.75

<Laptop Mode>

U-NII 5										
Mode	Channel	Frequency (MHz)	ANT 0		ANT 1		ANT 0+1			
			Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm) ANT 0	Average power (dBm) ANT 1	Average power (dBm) ANT 0+1	Tune-Up Limit
802.11ax HE20	1	5955	4.78	5.00	4.71	5.00	1.88	1.66	4.78	5.00
	45	6175	4.84	5.00	4.79	5.00	1.91	1.73	4.83	5.00
	93	6415	4.71	5.00	4.86	5.00	1.89	1.87	4.89	5.00
802.11ax HE40	3	5965	8.12	8.25	8.06	8.25	5.12	5.18	8.16	8.25
	43	6165	8.18	8.25	8.17	8.25	5.11	5.01	8.07	8.25
	91	6405	8.09	8.25	8.20	8.25	5.21	4.97	8.10	8.25
802.11ax HE80	7	5985	10.62	10.75	10.66	10.75	7.61	7.61	10.62	10.75
	39	6145	10.66	10.75	10.71	10.75	7.66	7.74	10.71	10.75
	87	6385	10.70	10.75	10.60	10.75	7.72	7.62	10.68	10.75
802.11ax HE160	15	6025	13.29	13.50	13.48	13.50	10.44	10.45	13.46	13.50
	47	6185	13.20	13.50	13.45	13.50	10.30	10.42	13.37	13.50
	79	6345	13.28	13.50	13.47	13.50	10.38	10.43	13.42	13.50

<Laptop Mode>

U-NII 6										
Mode	Channel	Frequency (MHz)	ANT 0		ANT 1		ANT 0+1			
			Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm) ANT 0	Average power (dBm) ANT 1	Average power (dBm) ANT 0+1	Tune-Up Limit
802.11ax HE20	97	6435	4.79	5.00	4.84	5.00	1.87	1.89	4.89	5.00
	105	6475	4.82	5.00	4.91	5.00	1.92	1.47	4.71	5.00
	113	6515	4.90	5.00	4.77	5.00	1.84	1.68	4.77	5.00
802.11ax HE40	99	6445	8.10	8.25	8.03	8.25	5.12	5.10	8.12	8.25
	107	6485	8.17	8.25	8.19	8.25	5.16	5.20	8.19	8.25
802.11ax HE80	103	6465	10.71	10.75	10.64	10.75	7.66	7.64	10.66	10.75
	119	6545	10.62	10.75	10.60	10.75	7.72	7.43	10.59	10.75
802.11ax HE160	111	6505	13.39	13.50	13.49	13.50	10.45	10.47	13.47	13.50

<Laptop Mode>

U-NII 7										
Mode	Channel	Frequency (MHz)	ANT 0		ANT 1		ANT 0+1			
			Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm) ANT 0	Average power (dBm) ANT 1	Average power (dBm) ANT 0+1	Tune-Up Limit
802.11ax HE20	117	6535	4.10	4.25	4.07	4.25	1.03	1.01	4.03	4.25
	149	6695	4.14	4.25	4.11	4.25	1.11	1.23	4.18	4.25
	181	6855	4.06	4.25	4.16	4.25	1.14	1.04	4.10	4.25
802.11ax HE40	115	6525	8.13	8.25	8.09	8.25	5.12	5.24	8.19	8.25
	147	6685	7.29	7.50	7.33	7.50	4.34	4.38	7.37	7.50
	179	6845	7.34	7.50	7.39	7.50	4.42	4.13	7.29	7.50
802.11ax HE80	135	6625	9.83	10.00	9.74	10.00	6.91	6.73	9.83	10.00
	151	6705	9.92	10.00	9.89	10.00	6.88	6.64	9.77	10.00
	167	6785	9.84	10.00	9.83	10.00	6.93	6.85	9.90	10.00
	183	6865	9.79	10.00	9.80	10.00	6.82	6.88	9.86	10.00
802.11ax HE160	143	6665	12.73	12.75	12.61	12.75	9.32	9.22	12.28	12.75
	175	6825	12.72	12.75	12.42	12.75	9.25	9.09	12.18	12.75



**<Laptop Mode>**

<b>U-NII 8</b>										
Mode	Channel	Frequency (MHz)	ANT 0		ANT 1		ANT 0+1			
			Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm) ANT 0	Average power (dBm) ANT 1	Average power (dBm) ANT 0+1	Tune-Up Limit
802.11ax HE20	185	6875	4.09	4.25	4.19	4.25	1.12	1.08	4.11	4.25
	209	6995	4.18	4.25	4.11	4.25	1.09	1.05	4.08	4.25
	233	7115	-1.18	-1.00	-1.07	-1.00	-4.11	-4.21	-1.15	-1.00
802.11ax HE40	187	6885	7.38	7.50	7.34	7.50	4.33	4.41	7.38	7.50
	211	7005	7.31	7.50	7.40	7.50	4.45	4.19	7.33	7.50
	227	7085	7.26	7.50	7.27	7.50	4.39	4.33	7.37	7.50
802.11ax HE80	199	6945	9.87	10.00	9.89	10.00	6.88	6.78	9.84	10.00
	215	7025	9.84	10.00	9.80	10.00	6.91	6.83	9.88	10.00
802.11ax HE160	207	6985	12.74	12.75	12.43	12.75	9.18	9.23	12.22	12.75

**<Tablet Mode>**

<b>WCDMA Band</b>		<b>Maximum Tune-up</b>
II	RMC12.2K	22
	HSDPA DC-HSDPA	22
	HSUPA HSPA+	22
IV	RMC12.2K	21
	HSDPA DC-HSDPA	21
	HSUPA HSPA+	21

**<Tablet Mode>**

<b>LTE Band</b>		<b>Maximum Tune-up</b>
2	FDD	21
4	FDD	21
7	FDD	18
13	FDD	23.5
14	FDD	23.5
25	FDD	21
30	FDD	19
38	TDD	19.5
41_PC3	TDD	19.5
41_PC2	TDD	22
48	TDD	19
66	FDD	21

**<Tablet Mode>**

	Uplink Channel	9262	9400	9538	Tune up (dBm)	MPR
	Uplink Frequency	1852.4	1880.0	1907.6		
<b>WCDMA II</b>	RMC_12.2Kbps	21.81	21.87	21.77	22	-
	HSDPA_Subtest 1	21.71	21.78	21.71	22	0
	HSDPA_Subtest 2	21.8	21.77	21.76	22	0
	HSDPA_Subtest 3	21.79	21.86	21.75	22	0
	HSDPA_Subtest 4	21.73	21.79	21.7	22	0
	HSUPA_Subtest 1	21.72	21.79	21.71	22	0
	HSUPA_Subtest 2	21.81	21.81	21.69	22	0
	HSUPA_Subtest 3	21.74	21.77	21.76	22	0
	HSUPA_Subtest 4	21.75	21.81	21.73	22	0
	HSUPA_Subtest 5	21.74	21.83	21.77	22	0
	DC-HSDPA_Subtest 1	21.72	21.8	21.75	22	0
	DC-HSDPA_Subtest 2	21.78	21.81	21.77	22	0
	DC-HSDPA_Subtest 3	21.75	21.84	21.73	22	0
	DC-HSDPA_Subtest 4	21.75	21.77	21.72	22	0
	HSPA+_Subtest 1	21.72	21.79	21.7	22	0

**<Tablet Mode>**

	Uplink Channel	1312	1413	1513	Tune up (dBm)	MPR
	Uplink Frequency	1712.4	1732.6	1752.6		
<b>WCDMA IV</b>	RMC_12.2Kbps	20.49	20.55	20.53	21	-
	HSDPA_Subtest 1	20.47	20.48	20.46	21	0
	HSDPA_Subtest 2	20.41	20.46	20.45	21	0
	HSDPA_Subtest 3	20.43	20.54	20.46	21	0
	HSDPA_Subtest 4	20.46	20.52	20.52	21	0
	HSUPA_Subtest 1	20.4	20.51	20.5	21	0
	HSUPA_Subtest 2	20.45	20.47	20.48	21	0
	HSUPA_Subtest 3	20.48	20.5	20.49	21	0
	HSUPA_Subtest 4	20.43	20.49	20.49	21	0
	HSUPA_Subtest 5	20.43	20.46	20.49	21	0
	DC-HSDPA_Subtest 1	20.47	20.45	20.52	21	0
	DC-HSDPA_Subtest 2	20.4	20.46	20.43	21	0
	DC-HSDPA_Subtest 3	20.42	20.52	20.49	21	0
	DC-HSDPA_Subtest 4	20.39	20.45	20.53	21	0
	HSPA+_Subtest 1	20.43	20.51	20.44	21	0

**<Tablet Mode>**

LTE Band 2							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
18700	18900	19100	Channel				
1860	1880	1900	Freq. (MHz)				
20.22	20.37	20.08	21	QPSK	20MHz	1	0
20.14	20.33	20.00	21	QPSK	20MHz	1	49
20.21	20.28	19.99	21	QPSK	20MHz	1	99
20.19	20.35	20.08	21	QPSK	20MHz	50	0
20.22	20.25	20.01	21	QPSK	20MHz	50	25
20.14	20.27	20.07	21	QPSK	20MHz	50	50
20.16	20.35	20.08	21	QPSK	20MHz	100	0
20.18	20.31	20.05	21	16QAM	20MHz	1	0
20.15	20.27	20.03	21	16QAM	20MHz	1	49
20.17	20.35	20.06	21	16QAM	20MHz	1	99
20.21	20.30	20.05	21	16QAM	20MHz	50	0
20.15	20.31	19.98	21	16QAM	20MHz	50	25
20.21	20.25	20.02	21	16QAM	20MHz	50	50
20.12	20.33	19.98	21	16QAM	20MHz	100	0

**<Tablet Mode>**

LTE Band 2								
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset	
18675	18900	19125	Channel					
1857.5	1880	1902.5	Freq. (MHz)					
20.13	20.29	20.03	21	QPSK	15MHz	1	0	
20.09	20.31	19.95	21	QPSK	15MHz	1	37	
20.11	20.28	19.99	21	QPSK	15MHz	1	74	
20.17	20.32	20.07	21	QPSK	15MHz	36	0	
20.14	20.29	19.96	21	QPSK	15MHz	36	19	
20.04	20.21	20.02	21	QPSK	15MHz	36	39	
20.09	20.29	20.02	21	QPSK	15MHz	75	0	
20.09	20.30	19.97	21	16QAM	15MHz	1	0	
20.07	20.22	19.96	21	16QAM	15MHz	1	37	
20.13	20.31	19.99	21	16QAM	15MHz	1	74	
20.13	20.31	20.04	21	16QAM	15MHz	36	0	
20.15	20.25	19.92	21	16QAM	15MHz	36	19	
20.17	20.28	20.01	21	16QAM	15MHz	36	39	
20.02	20.25	19.93	21	16QAM	15MHz	75	0	

**<Tablet Mode>**

LTE Band 2							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
18650	18900	19150	Channel				
1855	1880	1905	Freq. (MHz)				
20.07	20.19	19.90	21	QPSK	10MHz	1	0
20.07	20.18	19.93	21	QPSK	10MHz	1	24
20.19	20.10	19.86	21	QPSK	10MHz	1	49
19.99	20.21	19.84	21	QPSK	10MHz	25	0
20.15	20.15	20.01	21	QPSK	10MHz	25	12
19.99	20.13	20.05	21	QPSK	10MHz	25	25
20.01	20.17	19.98	21	QPSK	10MHz	50	0
20.00	20.11	19.91	21	16QAM	10MHz	1	0
20.02	20.20	19.91	21	16QAM	10MHz	1	24
20.06	20.29	20.03	21	16QAM	10MHz	1	49
20.08	20.19	19.96	21	16QAM	10MHz	25	0
20.08	20.28	19.79	21	16QAM	10MHz	25	12
20.02	20.32	19.95	21	16QAM	10MHz	25	25
19.92	20.12	19.90	21	16QAM	10MHz	50	0



**<Tablet Mode>**

LTE Band 2								
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset	
18625	18900	19175	Channel					
1852.5	1880	1907.5	Freq. (MHz)					
20.06	20.15	19.88	21	QPSK	5MHz	1	0	
19.93	20.30	19.84	21	QPSK	5MHz	1	12	
20.15	20.20	19.75	21	QPSK	5MHz	1	24	
20.06	20.30	19.79	21	QPSK	5MHz	12	0	
20.11	20.15	19.83	21	QPSK	5MHz	12	6	
19.94	20.10	19.85	21	QPSK	5MHz	12	13	
20.09	20.28	19.82	21	QPSK	5MHz	25	0	
20.08	20.21	19.94	21	16QAM	5MHz	1	0	
19.94	20.14	19.96	21	16QAM	5MHz	1	12	
20.05	20.27	19.97	21	16QAM	5MHz	1	24	
20.15	20.15	19.89	21	16QAM	5MHz	12	0	
20.02	20.09	19.75	21	16QAM	5MHz	12	6	
20.08	20.26	19.88	21	16QAM	5MHz	12	13	
19.95	20.21	19.87	21	16QAM	5MHz	25	0	

**<Tablet Mode>**

LTE Band 2								
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset	
18615	18900	19185	Channel					
1851.5	1880	1908.5	Freq. (MHz)					
20.14	20.30	20.02	21	QPSK	3MHz	1	0	
20.01	20.30	19.93	21	QPSK	3MHz	1	7	
20.16	20.15	19.81	21	QPSK	3MHz	1	14	
20.06	20.24	20.01	21	QPSK	3MHz	8	0	
20.05	20.28	19.94	21	QPSK	3MHz	8	3	
19.93	20.18	19.92	21	QPSK	3MHz	8	7	
20.03	20.21	19.94	21	QPSK	3MHz	15	0	
20.09	20.12	19.87	21	16QAM	3MHz	1	0	
20.05	20.26	19.97	21	16QAM	3MHz	1	7	
20.07	20.29	19.93	21	16QAM	3MHz	1	14	
20.04	20.28	19.94	21	16QAM	3MHz	8	0	
19.95	20.10	19.82	21	16QAM	3MHz	8	3	
20.08	20.31	19.90	21	16QAM	3MHz	8	7	
20.09	20.31	19.92	21	16QAM	3MHz	15	0	

**<Tablet Mode>**

LTE Band 2								
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset	
18607	18900	19193	Channel					
1850.7	1880	1909.3	Freq. (MHz)					
20.10	20.27	19.90	21	QPSK	1.4MHz	1	0	
19.95	20.29	19.85	21	QPSK	1.4MHz	1	2	
20.11	20.06	19.93	21	QPSK	1.4MHz	1	5	
20.04	20.27	19.97	21	QPSK	1.4MHz	3	0	
20.14	20.26	19.94	21	QPSK	1.4MHz	3	1	
19.92	20.13	20.00	21	QPSK	1.4MHz	3	3	
20.00	20.20	19.97	21	QPSK	1.4MHz	6	0	
20.07	20.28	19.93	21	16QAM	1.4MHz	1	0	
20.01	20.14	19.97	21	16QAM	1.4MHz	1	2	
20.05	20.25	19.93	21	16QAM	1.4MHz	1	5	
20.01	20.18	19.87	21	16QAM	1.4MHz	3	0	
19.92	20.24	19.79	21	16QAM	1.4MHz	3	1	
20.10	20.25	19.88	21	16QAM	1.4MHz	3	3	
20.00	20.22	19.97	21	16QAM	1.4MHz	6	0	

<Tablet Mode>

LTE Band 4							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
20050	20175	20300	Channel				
1720	1732.5	1745	Freq. (MHz)				
20.31	20.45	20.38	21	QPSK	20MHz	1	0
20.30	20.40	20.29	21	QPSK	20MHz	1	49
20.27	20.43	20.35	21	QPSK	20MHz	1	99
20.22	20.40	20.29	21	QPSK	20MHz	50	0
20.27	20.33	20.35	21	QPSK	20MHz	50	25
20.24	20.38	20.31	21	QPSK	20MHz	50	50
20.22	20.35	20.33	21	QPSK	20MHz	100	0
20.25	20.42	20.34	21	16QAM	20MHz	1	0
20.23	20.41	20.37	21	16QAM	20MHz	1	49
20.24	20.37	20.34	21	16QAM	20MHz	1	99
20.22	20.35	20.29	21	16QAM	20MHz	50	0
20.30	20.32	20.35	21	16QAM	20MHz	50	25
20.27	20.39	20.32	21	16QAM	20MHz	50	50
20.24	20.33	20.28	21	16QAM	20MHz	100	0

**<Tablet Mode>**

LTE Band 4								
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset	
20025	20175	20325	Channel					
1717.5	1732.5	1747.5	Freq. (MHz)					
20.25	20.40	20.28	21	QPSK	15MHz	1	0	
20.28	20.30	20.29	21	QPSK	15MHz	1	37	
20.21	20.38	20.33	21	QPSK	15MHz	1	74	
20.22	20.37	20.21	21	QPSK	15MHz	36	0	
20.26	20.43	20.31	21	QPSK	15MHz	36	19	
20.18	20.35	20.29	21	QPSK	15MHz	36	39	
20.13	20.28	20.25	21	QPSK	15MHz	75	0	
20.22	20.33	20.32	21	16QAM	15MHz	1	0	
20.17	20.35	20.29	21	16QAM	15MHz	1	37	
20.22	20.33	20.28	21	16QAM	15MHz	1	74	
20.18	20.33	20.19	21	16QAM	15MHz	36	0	
20.28	20.41	20.35	21	16QAM	15MHz	36	19	
20.26	20.35	20.30	21	16QAM	15MHz	36	39	
20.18	20.28	20.20	21	16QAM	15MHz	75	0	

**<Tablet Mode>**

LTE Band 4							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
20000	20175	20350	Channel				
1715	1732.5	1750	Freq. (MHz)				
20.15	20.33	20.24	21	QPSK	10MHz	1	0
20.08	20.28	20.20	21	QPSK	10MHz	1	24
20.11	20.26	20.17	21	QPSK	10MHz	1	49
20.12	20.22	20.20	21	QPSK	10MHz	25	0
20.14	20.25	20.16	21	QPSK	10MHz	25	12
20.22	20.18	20.16	21	QPSK	10MHz	25	25
20.10	20.27	20.19	21	QPSK	10MHz	50	0
20.11	20.36	20.27	21	16QAM	10MHz	1	0
20.12	20.33	20.22	21	16QAM	10MHz	1	24
20.11	20.22	20.29	21	16QAM	10MHz	1	49
20.01	20.20	20.24	21	16QAM	10MHz	25	0
20.09	20.37	20.27	21	16QAM	10MHz	25	12
20.21	20.29	20.11	21	16QAM	10MHz	25	25
20.17	20.21	20.13	21	16QAM	10MHz	50	0

**<Tablet Mode>**

LTE Band 4							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
19975	20175	20375	Channel				
1712.5	1732.5	1752.5	Freq. (MHz)				
20.08	20.22	20.05	21	QPSK	5MHz	1	0
20.21	20.24	20.08	21	QPSK	5MHz	1	12
20.16	20.23	20.15	21	QPSK	5MHz	1	24
20.03	20.28	20.13	21	QPSK	5MHz	12	0
20.17	20.36	20.07	21	QPSK	5MHz	12	6
20.09	20.35	20.09	21	QPSK	5MHz	12	13
20.17	20.28	20.24	21	QPSK	5MHz	25	0
20.08	20.31	20.26	21	16QAM	5MHz	1	0
20.13	20.31	20.26	21	16QAM	5MHz	1	12
20.15	20.17	20.22	21	16QAM	5MHz	1	24
20.09	20.29	20.20	21	16QAM	5MHz	12	0
20.12	20.41	20.19	21	16QAM	5MHz	12	6
20.22	20.21	20.24	21	16QAM	5MHz	12	13
20.09	20.24	20.17	21	16QAM	5MHz	25	0

**<Tablet Mode>**

LTE Band 4							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
19965	20175	20385	Channel				
1711.5	1732.5	1753.5	Freq. (MHz)				
20.08	20.39	20.23	21	QPSK	3MHz	1	0
20.17	20.38	20.20	21	QPSK	3MHz	1	7
20.15	20.32	20.22	21	QPSK	3MHz	1	14
20.07	20.22	20.16	21	QPSK	3MHz	8	0
20.17	20.26	20.16	21	QPSK	3MHz	8	3
20.03	20.18	20.19	21	QPSK	3MHz	8	7
20.14	20.25	20.20	21	QPSK	3MHz	15	0
20.17	20.33	20.18	21	16QAM	3MHz	1	0
20.20	20.19	20.24	21	16QAM	3MHz	1	7
20.16	20.20	20.27	21	16QAM	3MHz	1	14
20.01	20.19	20.19	21	16QAM	3MHz	8	0
20.23	20.38	20.25	21	16QAM	3MHz	8	3
20.09	20.26	20.15	21	16QAM	3MHz	8	7
20.02	20.31	20.18	21	16QAM	3MHz	15	0



**<Tablet Mode>**

LTE Band 4								
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset	
19957	20175	20393	Channel					
1710.7	1732.5	1754.3	Freq. (MHz)					
20.29	20.24	20.22	21	QPSK	1.4MHz	1	0	
20.07	20.35	20.18	21	QPSK	1.4MHz	1	2	
20.12	20.33	20.17	21	QPSK	1.4MHz	1	5	
20.15	20.19	20.23	21	QPSK	1.4MHz	3	0	
20.17	20.28	20.30	21	QPSK	1.4MHz	3	1	
20.05	20.29	20.23	21	QPSK	1.4MHz	3	3	
20.03	20.26	20.22	21	QPSK	1.4MHz	6	0	
20.22	20.28	20.30	21	16QAM	1.4MHz	1	0	
20.13	20.31	20.25	21	16QAM	1.4MHz	1	2	
20.18	20.35	20.14	21	16QAM	1.4MHz	1	5	
19.99	20.19	20.23	21	16QAM	1.4MHz	3	0	
20.20	20.35	20.26	21	16QAM	1.4MHz	3	1	
20.13	20.23	20.17	21	16QAM	1.4MHz	3	3	
20.01	20.23	20.17	21	16QAM	1.4MHz	6	0	

<Tablet Mode>

LTE Band 7							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
20850	21100	21350	Channel				
2510	2535	2560	Freq. (MHz)				
17.60	17.74	17.53	18	QPSK	20MHz	1	0
17.56	17.66	17.44	18	QPSK	20MHz	1	49
17.50	17.65	17.46	18	QPSK	20MHz	1	99
17.57	17.73	17.45	18	QPSK	20MHz	50	0
17.55	17.65	17.41	18	QPSK	20MHz	50	25
17.56	17.66	17.43	18	QPSK	20MHz	50	50
17.58	17.71	17.49	18	QPSK	20MHz	100	0
17.53	17.67	17.50	18	16QAM	20MHz	1	0
17.50	17.73	17.44	18	16QAM	20MHz	1	49
17.60	17.71	17.46	18	16QAM	20MHz	1	99
17.50	17.71	17.49	18	16QAM	20MHz	50	0
17.57	17.65	17.46	18	16QAM	20MHz	50	25
17.52	17.68	17.43	18	16QAM	20MHz	50	50
17.55	17.61	17.53	18	16QAM	20MHz	100	0

**<Tablet Mode>**

LTE Band 7								
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset	
20825	21100	21375	Channel					
2507.5	2535	2562.5	Freq. (MHz)					
17.58	17.64	17.52	18	QPSK	15MHz	1	0	
17.56	17.65	17.38	18	QPSK	15MHz	1	37	
17.44	17.59	17.42	18	QPSK	15MHz	1	74	
17.57	17.64	17.37	18	QPSK	15MHz	36	0	
17.49	17.57	17.41	18	QPSK	15MHz	36	19	
17.51	17.61	17.39	18	QPSK	15MHz	36	39	
17.57	17.62	17.43	18	QPSK	15MHz	75	0	
17.45	17.63	17.40	18	16QAM	15MHz	1	0	
17.46	17.67	17.34	18	16QAM	15MHz	1	37	
17.54	17.65	17.40	18	16QAM	15MHz	1	74	
17.41	17.67	17.40	18	16QAM	15MHz	36	0	
17.50	17.60	17.41	18	16QAM	15MHz	36	19	
17.50	17.64	17.43	18	16QAM	15MHz	36	39	
17.54	17.69	17.51	18	16QAM	15MHz	75	0	

**<Tablet Mode>**

LTE Band 7							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
20800	21100	21400	Channel				
2505	2535	2565	Freq. (MHz)				
17.56	17.67	17.44	18	QPSK	10MHz	1	0
17.51	17.65	17.35	18	QPSK	10MHz	1	24
17.40	17.65	17.39	18	QPSK	10MHz	1	49
17.50	17.73	17.37	18	QPSK	10MHz	25	0
17.49	17.62	17.39	18	QPSK	10MHz	25	12
17.51	17.63	17.46	18	QPSK	10MHz	25	25
17.50	17.61	17.41	18	QPSK	10MHz	50	0
17.48	17.61	17.43	18	16QAM	10MHz	1	0
17.45	17.70	17.40	18	16QAM	10MHz	1	24
17.59	17.66	17.38	18	16QAM	10MHz	1	49
17.41	17.65	17.46	18	16QAM	10MHz	25	0
17.56	17.59	17.39	18	16QAM	10MHz	25	12
17.46	17.58	17.33	18	16QAM	10MHz	25	25
17.48	17.63	17.52	18	16QAM	10MHz	50	0

**<Tablet Mode>**

LTE Band 7								
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset	
20775	21100	21425	Channel					
2502.5	2535	2567.5	Freq. (MHz)					
17.50	17.72	17.44	18	QPSK	5MHz	1	0	
17.48	17.58	17.37	18	QPSK	5MHz	1	12	
17.44	17.57	17.36	18	QPSK	5MHz	1	24	
17.53	17.64	17.40	18	QPSK	5MHz	12	0	
17.57	17.59	17.40	18	QPSK	5MHz	12	6	
17.53	17.62	17.46	18	QPSK	5MHz	12	13	
17.49	17.65	17.46	18	QPSK	5MHz	25	0	
17.50	17.65	17.44	18	16QAM	5MHz	1	0	
17.49	17.66	17.41	18	16QAM	5MHz	1	12	
17.60	17.69	17.40	18	16QAM	5MHz	1	24	
17.50	17.71	17.46	18	16QAM	5MHz	12	0	
17.49	17.57	17.40	18	16QAM	5MHz	12	6	
17.48	17.68	17.40	18	16QAM	5MHz	12	13	
17.46	17.70	17.50	18	16QAM	5MHz	25	0	

<Tablet Mode>

LTE Band 13						
Maximum Average Power (dBm)	Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset	
23230	Channel					
782	Freq. (MHz)					
23.07	23.5	QPSK	10MHz	1	0	
23.00	23.5	QPSK	10MHz	1	24	
22.99	23.5	QPSK	10MHz	1	49	
22.98	23.5	QPSK	10MHz	25	0	
22.95	23.5	QPSK	10MHz	25	12	
22.97	23.5	QPSK	10MHz	25	25	
23.05	23.5	QPSK	10MHz	50	0	
22.99	23.5	16QAM	10MHz	1	0	
23.00	23.5	16QAM	10MHz	1	24	
23.02	23.5	16QAM	10MHz	1	49	
22.94	23.5	16QAM	10MHz	25	0	
22.97	23.5	16QAM	10MHz	25	12	
22.93	23.5	16QAM	10MHz	25	25	
23.01	23.5	16QAM	10MHz	50	0	

**<Tablet Mode>**

LTE Band 13								
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset	
23205	23230	23255	Channel					
779.5	782	784.5	Freq. (MHz)					
22.84	22.91	22.71	23.5	QPSK	5MHz	1	0	
22.87	22.86	22.55	23.5	QPSK	5MHz	1	12	
22.91	22.87	22.66	23.5	QPSK	5MHz	1	24	
22.89	22.92	22.75	23.5	QPSK	5MHz	12	0	
22.77	22.84	22.51	23.5	QPSK	5MHz	12	6	
22.81	22.86	22.60	23.5	QPSK	5MHz	12	13	
22.82	22.95	22.82	23.5	QPSK	5MHz	25	0	
22.76	22.77	22.76	23.5	16QAM	5MHz	1	0	
22.83	22.93	22.64	23.5	16QAM	5MHz	1	12	
22.84	22.99	22.80	23.5	16QAM	5MHz	1	24	
22.76	22.84	22.67	23.5	16QAM	5MHz	12	0	
22.66	22.92	22.64	23.5	16QAM	5MHz	12	6	
22.88	22.89	22.75	23.5	16QAM	5MHz	12	13	
22.91	22.91	22.76	23.5	16QAM	5MHz	25	0	

**<Tablet Mode>**

LTE Band 14						
Maximum Average Power (dBm)	Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset	
23330	Channel					
793	Freq. (MHz)					
23.11	23.5	QPSK	10MHz	1	0	
23.02	23.5	QPSK	10MHz	1	24	
23.01	23.5	QPSK	10MHz	1	49	
23.08	23.5	QPSK	10MHz	25	0	
23.01	23.5	QPSK	10MHz	25	12	
23.07	23.5	QPSK	10MHz	25	25	
23.02	23.5	QPSK	10MHz	50	0	
23.03	23.5	16QAM	10MHz	1	0	
23.05	23.5	16QAM	10MHz	1	24	
23.06	23.5	16QAM	10MHz	1	49	
23.07	23.5	16QAM	10MHz	25	0	
23.04	23.5	16QAM	10MHz	25	12	
23.00	23.5	16QAM	10MHz	25	25	
23.01	23.5	16QAM	10MHz	50	0	



**<Tablet Mode>**

LTE Band 14								
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset	
23305	23330	23355	Channel					
790.5	793	795.5	Freq. (MHz)					
22.79	22.89	22.88	23.5	QPSK	5MHz	1	0	
22.75	22.79	22.69	23.5	QPSK	5MHz	1	12	
22.82	22.92	22.88	23.5	QPSK	5MHz	1	24	
22.98	23.07	23.07	23.5	QPSK	5MHz	12	0	
22.82	22.84	22.80	23.5	QPSK	5MHz	12	6	
22.85	22.95	22.93	23.5	QPSK	5MHz	12	13	
22.94	22.96	22.95	23.5	QPSK	5MHz	25	0	
22.87	22.92	22.83	23.5	16QAM	5MHz	1	0	
22.84	22.87	22.86	23.5	16QAM	5MHz	1	12	
22.81	22.90	22.90	23.5	16QAM	5MHz	1	24	
22.85	22.93	22.88	23.5	16QAM	5MHz	12	0	
22.99	23.02	23.02	23.5	16QAM	5MHz	12	6	
22.94	22.99	22.89	23.5	16QAM	5MHz	12	13	
22.81	22.87	22.84	23.5	16QAM	5MHz	25	0	

**<Tablet Mode>**

LTE Band 25							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
26140	26365	26590	Channel				
1860	1882.5	1905	Freq. (MHz)				
20.48	20.53	20.42	21	QPSK	20MHz	1	0
20.40	20.52	20.33	21	QPSK	20MHz	1	49
20.45	20.49	20.37	21	QPSK	20MHz	1	99
20.42	20.43	20.42	21	QPSK	20MHz	50	0
20.38	20.41	20.40	21	QPSK	20MHz	50	25
20.41	20.41	20.39	21	QPSK	20MHz	50	50
20.38	20.45	20.35	21	QPSK	20MHz	100	0
20.40	20.43	20.32	21	16QAM	20MHz	1	0
20.45	20.46	20.39	21	16QAM	20MHz	1	49
20.43	20.51	20.36	21	16QAM	20MHz	1	99
20.40	20.39	20.37	21	16QAM	20MHz	50	0
20.41	20.40	20.42	21	16QAM	20MHz	50	25
20.41	20.34	20.36	21	16QAM	20MHz	50	50
20.38	20.36	20.38	21	16QAM	20MHz	100	0

**<Tablet Mode>**

LTE Band 25								
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset	
26115	26365	26615	Channel					
1857.5	1882.5	1907.5	Freq. (MHz)					
20.41	20.47	20.36	21	QPSK	15MHz	1	0	
20.37	20.51	20.28	21	QPSK	15MHz	1	37	
20.45	20.42	20.33	21	QPSK	15MHz	1	74	
20.38	20.39	20.38	21	QPSK	15MHz	36	0	
20.29	20.41	20.32	21	QPSK	15MHz	36	19	
20.38	20.46	20.31	21	QPSK	15MHz	36	39	
20.42	20.38	20.28	21	QPSK	15MHz	75	0	
20.36	20.39	20.27	21	16QAM	15MHz	1	0	
20.45	20.45	20.31	21	16QAM	15MHz	1	37	
20.33	20.50	20.33	21	16QAM	15MHz	1	74	
20.36	20.45	20.33	21	16QAM	15MHz	36	0	
20.34	20.45	20.36	21	16QAM	15MHz	36	19	
20.34	20.35	20.34	21	16QAM	15MHz	36	39	
20.36	20.40	20.34	21	16QAM	15MHz	75	0	

**<Tablet Mode>**

LTE Band 25								
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset	
26090	26365	26640	Channel					
1855	1882.5	1910	Freq. (MHz)					
20.25	20.40	20.24	21	QPSK	10MHz	1	0	
20.19	20.39	20.13	21	QPSK	10MHz	1	24	
20.25	20.39	20.28	21	QPSK	10MHz	1	49	
20.40	20.26	20.31	21	QPSK	10MHz	25	0	
20.16	20.40	20.35	21	QPSK	10MHz	25	12	
20.22	20.32	20.16	21	QPSK	10MHz	25	25	
20.34	20.27	20.33	21	QPSK	10MHz	50	0	
20.29	20.28	20.14	21	16QAM	10MHz	1	0	
20.34	20.28	20.24	21	16QAM	10MHz	1	24	
20.34	20.42	20.20	21	16QAM	10MHz	1	49	
20.16	20.41	20.18	21	16QAM	10MHz	25	0	
20.30	20.35	20.21	21	16QAM	10MHz	25	12	
20.30	20.37	20.23	21	16QAM	10MHz	25	25	
20.36	20.39	20.24	21	16QAM	10MHz	50	0	

**<Tablet Mode>**

LTE Band 25								
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset	
26065	26365	26665	Channel					
1852.5	1882.5	1912.5	Freq. (MHz)					
20.37	20.31	20.32	21	QPSK	5MHz	1	0	
20.24	20.48	20.12	21	QPSK	5MHz	1	12	
20.39	20.42	20.25	21	QPSK	5MHz	1	24	
20.25	20.33	20.28	21	QPSK	5MHz	12	0	
20.25	20.39	20.25	21	QPSK	5MHz	12	6	
20.33	20.50	20.23	21	QPSK	5MHz	12	13	
20.44	20.23	20.07	21	QPSK	5MHz	25	0	
20.24	20.30	20.19	21	16QAM	5MHz	1	0	
20.31	20.36	20.23	21	16QAM	5MHz	1	12	
20.32	20.32	20.21	21	16QAM	5MHz	1	24	
20.31	20.38	20.22	21	16QAM	5MHz	12	0	
20.32	20.42	20.30	21	16QAM	5MHz	12	6	
20.34	20.36	20.34	21	16QAM	5MHz	12	13	
20.20	20.38	20.23	21	16QAM	5MHz	25	0	

**<Tablet Mode>**

LTE Band 25								
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset	
26055	26365	26675	Channel					
1851.5	1882.5	1913.5	Freq. (MHz)					
20.30	20.38	20.27	21	QPSK	3MHz	1	0	
20.35	20.41	20.18	21	QPSK	3MHz	1	7	
20.40	20.46	20.18	21	QPSK	3MHz	1	14	
20.26	20.27	20.35	21	QPSK	3MHz	8	0	
20.27	20.46	20.32	21	QPSK	3MHz	8	3	
20.31	20.39	20.29	21	QPSK	3MHz	8	7	
20.37	20.36	20.31	21	QPSK	3MHz	15	0	
20.30	20.29	20.27	21	16QAM	3MHz	1	0	
20.41	20.38	20.18	21	16QAM	3MHz	1	7	
20.29	20.28	20.36	21	16QAM	3MHz	1	14	
20.30	20.31	20.25	21	16QAM	3MHz	8	0	
20.34	20.35	20.32	21	16QAM	3MHz	8	3	
20.21	20.27	20.23	21	16QAM	3MHz	8	7	
20.13	20.35	20.24	21	16QAM	3MHz	15	0	

**<Tablet Mode>**

LTE Band 25								
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset	
26047	26365	26683	Channel					
1850.7	1882.5	1914.3	Freq. (MHz)					
20.30	20.46	20.34	21	QPSK	1.4MHz	1	0	
20.21	20.36	20.26	21	QPSK	1.4MHz	1	2	
20.42	20.34	20.36	21	QPSK	1.4MHz	1	5	
20.32	20.29	20.24	21	QPSK	1.4MHz	3	0	
20.15	20.40	20.32	21	QPSK	1.4MHz	3	1	
20.21	20.34	20.28	21	QPSK	1.4MHz	3	3	
20.45	20.31	20.24	21	QPSK	1.4MHz	6	0	
20.19	20.29	20.13	21	16QAM	1.4MHz	1	0	
20.39	20.45	20.25	21	16QAM	1.4MHz	1	2	
20.24	20.35	20.18	21	16QAM	1.4MHz	1	5	
20.28	20.33	20.31	21	16QAM	1.4MHz	3	0	
20.34	20.42	20.40	21	16QAM	1.4MHz	3	1	
20.27	20.26	20.25	21	16QAM	1.4MHz	3	3	
20.37	20.37	20.28	21	16QAM	1.4MHz	6	0	

<Tablet Mode>

LTE Band 30						
Maximum Average Power (dBm)	Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset	
27710	Channel					
2310	Freq. (MHz)					
18.30	19	QPSK	10MHz	1	0	
18.26	19	QPSK	10MHz	1	24	
18.23	19	QPSK	10MHz	1	49	
18.27	19	QPSK	10MHz	25	0	
18.25	19	QPSK	10MHz	25	12	
18.25	19	QPSK	10MHz	25	25	
18.29	19	QPSK	10MHz	50	0	
18.21	19	16QAM	10MHz	1	0	
18.21	19	16QAM	10MHz	1	24	
18.20	19	16QAM	10MHz	1	49	
18.19	19	16QAM	10MHz	25	0	
18.23	19	16QAM	10MHz	25	12	
18.17	19	16QAM	10MHz	25	25	
18.22	19	16QAM	10MHz	50	0	



**<Tablet Mode>**

LTE Band 30								
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset	
27685	27710	27735	Channel					
2307.5	2310	2312.5	Freq. (MHz)					
18.16	18.23	18.06	19	QPSK	5MHz	1	0	
18.10	18.18	17.86	19	QPSK	5MHz	1	12	
18.14	18.06	17.89	19	QPSK	5MHz	1	24	
18.12	18.22	17.96	19	QPSK	5MHz	12	0	
18.20	18.12	18.05	19	QPSK	5MHz	12	6	
18.08	18.07	17.88	19	QPSK	5MHz	12	13	
18.08	18.19	18.02	19	QPSK	5MHz	25	0	
18.06	18.15	18.07	19	16QAM	5MHz	1	0	
17.96	18.14	18.06	19	16QAM	5MHz	1	12	
18.13	18.08	17.96	19	16QAM	5MHz	1	24	
18.07	18.21	18.09	19	16QAM	5MHz	12	0	
18.13	18.07	18.08	19	16QAM	5MHz	12	6	
18.13	18.11	18.05	19	16QAM	5MHz	12	13	
18.03	18.04	18.07	19	16QAM	5MHz	25	0	

**<Tablet Mode>**

LTE Band 38							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
37850	38000	38150	Channel				
2580	2595	2610	Freq. (MHz)				
18.99	19.05	18.92	19.5	QPSK	20MHz	1	0
18.93	18.96	18.86	19.5	QPSK	20MHz	1	49
18.93	18.96	18.91	19.5	QPSK	20MHz	1	99
18.92	19.03	18.84	19.5	QPSK	20MHz	50	0
18.97	18.98	18.88	19.5	QPSK	20MHz	50	25
18.89	19.02	18.82	19.5	QPSK	20MHz	50	50
18.85	18.95	18.90	19.5	QPSK	20MHz	100	0
18.99	19.03	18.87	19.5	16QAM	20MHz	1	0
18.90	19.01	18.90	19.5	16QAM	20MHz	1	49
18.97	19.02	18.92	19.5	16QAM	20MHz	1	99
18.96	18.97	18.88	19.5	16QAM	20MHz	50	0
18.89	18.96	18.83	19.5	16QAM	20MHz	50	25
18.97	19.01	18.90	19.5	16QAM	20MHz	50	50
18.88	18.91	18.92	19.5	16QAM	20MHz	100	0

**<Tablet Mode>**

LTE Band 38							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
37825	38000	38175	Channel				
2577.5	2595	2612.5	Freq. (MHz)				
18.95	19.00	18.83	19.5	QPSK	15MHz	1	0
18.84	18.92	18.77	19.5	QPSK	15MHz	1	37
18.86	18.86	18.91	19.5	QPSK	15MHz	1	74
18.86	19.03	18.74	19.5	QPSK	15MHz	36	0
18.87	18.92	18.84	19.5	QPSK	15MHz	36	19
18.84	18.97	18.77	19.5	QPSK	15MHz	36	39
18.85	18.90	18.84	19.5	QPSK	15MHz	75	0
18.91	19.02	18.84	19.5	16QAM	15MHz	1	0
18.87	18.92	18.80	19.5	16QAM	15MHz	1	37
18.93	18.96	18.83	19.5	16QAM	15MHz	1	74
18.90	18.95	18.88	19.5	16QAM	15MHz	36	0
18.89	18.95	18.79	19.5	16QAM	15MHz	36	19
18.88	19.00	18.87	19.5	16QAM	15MHz	36	39
18.97	18.95	18.83	19.5	16QAM	15MHz	75	0

**<Tablet Mode>**

LTE Band 38							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
37800	38000	38200	Channel				
2575	2595	2615	Freq. (MHz)				
18.85	19.02	18.69	19.5	QPSK	10MHz	1	0
18.74	18.81	18.78	19.5	QPSK	10MHz	1	24
18.83	18.82	18.85	19.5	QPSK	10MHz	1	49
18.89	18.87	18.73	19.5	QPSK	10MHz	25	0
18.83	18.89	18.66	19.5	QPSK	10MHz	25	12
18.81	18.88	18.78	19.5	QPSK	10MHz	25	25
18.84	18.72	18.71	19.5	QPSK	10MHz	50	0
18.83	18.89	18.70	19.5	16QAM	10MHz	1	0
18.80	18.88	18.86	19.5	16QAM	10MHz	1	24
18.75	18.91	18.75	19.5	16QAM	10MHz	1	49
18.78	18.89	18.78	19.5	16QAM	10MHz	25	0
18.79	18.92	18.69	19.5	16QAM	10MHz	25	12
18.83	18.94	18.73	19.5	16QAM	10MHz	25	25
18.88	18.75	18.68	19.5	16QAM	10MHz	50	0

**<Tablet Mode>**

LTE Band 38							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
37775	38000	38225	Channel				
2572.5	2595	2617.5	Freq. (MHz)				
18.76	18.99	18.71	19.5	QPSK	5MHz	1	0
18.84	18.76	18.68	19.5	QPSK	5MHz	1	12
18.81	18.92	18.67	19.5	QPSK	5MHz	1	24
18.80	18.98	18.79	19.5	QPSK	5MHz	12	0
18.85	18.85	18.75	19.5	QPSK	5MHz	12	6
18.83	18.89	18.65	19.5	QPSK	5MHz	12	13
18.81	18.85	18.60	19.5	QPSK	5MHz	25	0
18.85	18.86	18.80	19.5	16QAM	5MHz	1	0
18.71	18.84	18.82	19.5	16QAM	5MHz	1	12
18.84	18.93	18.73	19.5	16QAM	5MHz	1	24
18.77	18.87	18.83	19.5	16QAM	5MHz	12	0
18.86	18.94	18.79	19.5	16QAM	5MHz	12	6
18.79	18.95	18.69	19.5	16QAM	5MHz	12	13
18.90	18.86	18.76	19.5	16QAM	5MHz	25	0

**<Tablet Mode>**

LTE Band 41_PC3										
Maximum Average Power (dBm)					Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset	
39750	40185	40620	41055	41490	Channel					
2506	2549.5	2593	2636.5	2680	Freq. (MHz)					
18.90	18.99	19.07	19.02	19.04	19.5	QPSK	20MHz	1	0	
18.80	18.97	18.98	18.94	19.02	19.5	QPSK	20MHz	1	49	
18.82	18.98	19.02	19.01	19.02	19.5	QPSK	20MHz	1	99	
18.90	18.89	19.04	19.02	19.03	19.5	QPSK	20MHz	50	0	
18.89	18.89	18.98	18.93	18.95	19.5	QPSK	20MHz	50	25	
18.82	18.88	19.01	18.99	18.95	19.5	QPSK	20MHz	50	50	
18.86	18.96	19.06	18.93	18.97	19.5	QPSK	20MHz	100	0	
18.90	18.90	19.02	18.98	18.98	19.5	16QAM	20MHz	1	0	
18.84	18.91	19.03	19.00	19.00	19.5	16QAM	20MHz	1	49	
18.87	18.91	19.04	18.97	19.01	19.5	16QAM	20MHz	1	99	
18.80	18.99	19.03	18.97	19.03	19.5	16QAM	20MHz	50	0	
18.86	18.93	19.03	19.02	18.95	19.5	16QAM	20MHz	50	25	
18.81	18.95	19.02	18.99	19.01	19.5	16QAM	20MHz	50	50	
18.90	18.98	18.96	18.94	18.95	19.5	16QAM	20MHz	100	0	

**<Tablet Mode>**

LTE Band 41_PC3										
Maximum Average Power (dBm)					Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset	
39725	40173	40620	41068	41515	Channel					
2503.5	2548.3	2593	2637.8	2682.5	Freq. (MHz)					
18.89	18.89	18.97	18.92	19.00	19.5	QPSK	15MHz	1	0	
18.70	18.90	18.93	18.86	19.02	19.5	QPSK	15MHz	1	37	
18.76	18.97	18.94	18.93	18.97	19.5	QPSK	15MHz	1	74	
18.77	18.85	18.95	18.94	18.93	19.5	QPSK	15MHz	36	0	
18.81	18.85	18.97	18.92	18.88	19.5	QPSK	15MHz	36	19	
18.78	18.89	18.92	18.98	18.93	19.5	QPSK	15MHz	36	39	
18.77	18.92	19.05	18.92	18.97	19.5	QPSK	15MHz	75	0	
18.90	18.85	19.01	18.98	18.97	19.5	16QAM	15MHz	1	0	
18.77	18.81	18.99	18.98	18.92	19.5	16QAM	15MHz	1	37	
18.82	18.85	18.96	18.97	19.02	19.5	16QAM	15MHz	1	74	
18.76	18.96	18.96	18.95	18.98	19.5	16QAM	15MHz	36	0	
18.76	18.89	18.97	18.92	18.91	19.5	16QAM	15MHz	36	19	
18.79	18.92	19.00	18.98	18.86	19.5	16QAM	15MHz	36	39	
18.86	18.92	19.02	18.84	18.97	19.5	16QAM	15MHz	75	0	

<Tablet Mode>

LTE Band 41_PC3									
Maximum Average Power (dBm)					Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
39700	40160	40620	41080	41540	Channel				
2501	2547	2593	2639	2685	Freq. (MHz)				
18.82	18.97	18.91	18.93	18.96	19.5	QPSK	10MHz	1	0
18.68	18.85	18.84	18.87	18.93	19.5	QPSK	10MHz	1	24
18.72	18.95	18.91	18.88	18.94	19.5	QPSK	10MHz	1	49
18.71	18.77	18.86	18.96	18.97	19.5	QPSK	10MHz	25	0
18.81	18.85	18.93	18.73	18.77	19.5	QPSK	10MHz	25	12
18.74	18.81	18.88	18.88	18.77	19.5	QPSK	10MHz	25	25
18.76	18.79	18.93	18.88	18.87	19.5	QPSK	10MHz	50	0
18.87	18.90	18.96	18.93	18.97	19.5	16QAM	10MHz	1	0
18.72	18.85	18.88	18.85	18.87	19.5	16QAM	10MHz	1	24
18.72	18.98	18.93	18.89	18.92	19.5	16QAM	10MHz	1	49
18.74	18.77	18.88	18.96	18.90	19.5	16QAM	10MHz	25	0
18.82	18.79	18.89	18.74	18.78	19.5	16QAM	10MHz	25	12
18.71	18.90	18.85	18.87	18.76	19.5	16QAM	10MHz	25	25
18.75	18.88	19.02	18.86	18.83	19.5	16QAM	10MHz	50	0



<Tablet Mode>

LTE Band 41_PC3									
Maximum Average Power (dBm)					Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
39675	40148	40620	41093	41565	Channel				
2498.5	2545.8	2593	2640.3	2687.5	Freq. (MHz)				
18.81	18.87	18.96	18.84	18.85	19.5	QPSK	5MHz	1	0
18.63	18.94	18.85	18.87	18.94	19.5	QPSK	5MHz	1	12
18.73	18.86	18.93	18.95	18.94	19.5	QPSK	5MHz	1	24
18.74	18.69	18.81	18.92	18.85	19.5	QPSK	5MHz	12	0
18.76	18.74	18.96	18.85	18.87	19.5	QPSK	5MHz	12	6
18.69	18.83	18.86	18.88	18.89	19.5	QPSK	5MHz	12	13
18.77	18.88	18.90	18.89	18.89	19.5	QPSK	5MHz	25	0
18.82	18.87	18.98	18.84	18.86	19.5	16QAM	5MHz	1	0
18.69	18.88	18.83	18.84	18.89	19.5	16QAM	5MHz	1	12
18.71	18.78	18.97	18.95	18.97	19.5	16QAM	5MHz	1	24
18.72	18.71	18.82	18.89	18.88	19.5	16QAM	5MHz	12	0
18.71	18.69	18.91	18.87	18.84	19.5	16QAM	5MHz	12	6
18.74	18.91	18.88	18.82	18.92	19.5	16QAM	5MHz	12	13
18.74	18.89	18.95	18.85	18.86	19.5	16QAM	5MHz	25	0

<Tablet Mode>

LTE Band 41_PC2									
Maximum Average Power (dBm)					Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
39750	40185	40620	41055	41490	Channel				
2506	2549.5	2593	2636.5	2680	Freq. (MHz)				
21.40	21.41	21.47	21.43	21.44	22	QPSK	20MHz	1	0
21.40	21.40	21.42	21.40	21.36	22	QPSK	20MHz	1	49
21.35	21.37	21.37	21.42	21.38	22	QPSK	20MHz	1	99
21.39	21.39	21.47	21.35	21.41	22	QPSK	20MHz	50	0
21.32	21.34	21.39	21.33	21.40	22	QPSK	20MHz	50	25
21.37	21.33	21.46	21.36	21.35	22	QPSK	20MHz	50	50
21.31	21.36	21.43	21.36	21.33	22	QPSK	20MHz	100	0
21.36	21.40	21.45	21.36	21.38	22	16QAM	20MHz	1	0
21.38	21.38	21.46	21.37	21.43	22	16QAM	20MHz	1	49
21.40	21.37	21.42	21.36	21.42	22	16QAM	20MHz	1	99
21.38	21.37	21.45	21.39	21.42	22	16QAM	20MHz	50	0
21.35	21.39	21.40	21.33	21.37	22	16QAM	20MHz	50	25
21.40	21.31	21.38	21.41	21.43	22	16QAM	20MHz	50	50
21.35	21.32	21.42	21.38	21.36	22	16QAM	20MHz	100	0

<Tablet Mode>

LTE Band 41_PC2										
Maximum Average Power (dBm)					Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset	
39725	40173	40620	41068	41515	Channel					
2503.5	2548.3	2593	2637.8	2682.5	Freq. (MHz)					
21.36	21.34	21.46	21.36	21.42	22	QPSK	15MHz	1	0	
21.38	21.36	21.38	21.40	21.34	22	QPSK	15MHz	1	37	
21.31	21.32	21.33	21.37	21.37	22	QPSK	15MHz	1	74	
21.37	21.29	21.37	21.25	21.41	22	QPSK	15MHz	36	0	
21.23	21.30	21.35	21.30	21.40	22	QPSK	15MHz	36	19	
21.35	21.28	21.40	21.28	21.27	22	QPSK	15MHz	36	39	
21.28	21.26	21.36	21.34	21.43	22	QPSK	15MHz	75	0	
21.32	21.33	21.42	21.31	21.31	22	16QAM	15MHz	1	0	
21.30	21.36	21.46	21.30	21.35	22	16QAM	15MHz	1	37	
21.30	21.37	21.40	21.34	21.42	22	16QAM	15MHz	1	74	
21.34	21.32	21.35	21.37	21.41	22	16QAM	15MHz	36	0	
21.26	21.30	21.36	21.26	21.36	22	16QAM	15MHz	36	19	
21.37	21.25	21.34	21.36	21.41	22	16QAM	15MHz	36	39	
21.26	21.28	21.41	21.31	21.31	22	16QAM	15MHz	75	0	

**<Tablet Mode>**

LTE Band 41_PC2									
Maximum Average Power (dBm)					Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
39700	40160	40620	41080	41540	Channel				
2501	2547	2593	2639	2685	Freq. (MHz)				
21.34	21.41	21.40	21.33	21.35	22	QPSK	10MHz	1	0
21.31	21.35	21.39	21.39	21.27	22	QPSK	10MHz	1	24
21.29	21.30	21.33	21.35	21.34	22	QPSK	10MHz	1	49
21.29	21.34	21.31	21.27	21.35	22	QPSK	10MHz	25	0
21.31	21.27	21.37	21.24	21.31	22	QPSK	10MHz	25	12
21.27	21.33	21.39	21.36	21.28	22	QPSK	10MHz	25	25
21.23	21.31	21.34	21.26	21.33	22	QPSK	10MHz	50	0
21.30	21.38	21.44	21.32	21.34	22	16QAM	10MHz	1	0
21.31	21.31	21.44	21.32	21.40	22	16QAM	10MHz	1	24
21.34	21.28	21.42	21.29	21.42	22	16QAM	10MHz	1	49
21.37	21.32	21.37	21.29	21.39	22	16QAM	10MHz	25	0
21.26	21.32	21.35	21.25	21.32	22	16QAM	10MHz	25	12
21.37	21.28	21.34	21.33	21.41	22	16QAM	10MHz	25	25
21.34	21.22	21.32	21.33	21.31	22	16QAM	10MHz	50	0

<Tablet Mode>

LTE Band 41_PC2									
Maximum Average Power (dBm)					Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
39675	40148	40620	41093	41565	Channel				
2498.5	2545.8	2593	2640.3	2687.5	Freq. (MHz)				
21.33	21.37	21.45	21.41	21.40	22	QPSK	5MHz	1	0
21.33	21.30	21.36	21.30	21.33	22	QPSK	5MHz	1	12
21.27	21.36	21.37	21.34	21.38	22	QPSK	5MHz	1	24
21.34	21.36	21.35	21.30	21.41	22	QPSK	5MHz	12	0
21.23	21.27	21.29	21.32	21.31	22	QPSK	5MHz	12	6
21.27	21.28	21.46	21.36	21.27	22	QPSK	5MHz	12	13
21.25	21.29	21.35	21.26	21.37	22	QPSK	5MHz	25	0
21.34	21.37	21.40	21.28	21.37	22	16QAM	5MHz	1	0
21.33	21.36	21.36	21.27	21.33	22	16QAM	5MHz	1	12
21.36	21.31	21.42	21.36	21.37	22	16QAM	5MHz	1	24
21.32	21.28	21.40	21.34	21.33	22	16QAM	5MHz	12	0
21.29	21.35	21.33	21.29	21.29	22	16QAM	5MHz	12	6
21.30	21.29	21.37	21.41	21.34	22	16QAM	5MHz	12	13
21.29	21.27	21.33	21.38	21.36	22	16QAM	5MHz	25	0

**<Tablet Mode>**

LTE Band 48								
Maximum Average Power (dBm)				Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
55340	55773	56207	56640	Channel				
3560	3603.3	3646.7	3690	Freq. (MHz)				
18.50	18.53	18.59	18.47	19	QPSK	20MHz	1	0
18.43	18.52	18.54	18.43	19	QPSK	20MHz	1	49
18.40	18.48	18.58	18.42	19	QPSK	20MHz	1	99
18.47	18.45	18.59	18.42	19	QPSK	20MHz	50	0
18.45	18.43	18.55	18.44	19	QPSK	20MHz	50	25
18.45	18.44	18.58	18.42	19	QPSK	20MHz	50	50
18.50	18.51	18.52	18.41	19	QPSK	20MHz	100	0
18.46	18.44	18.57	18.46	19	16QAM	20MHz	1	0
18.44	18.47	18.56	18.42	19	16QAM	20MHz	1	49
18.49	18.43	18.53	18.39	19	16QAM	20MHz	1	99
18.50	18.49	18.53	18.42	19	16QAM	20MHz	50	0
18.48	18.48	18.54	18.41	19	16QAM	20MHz	50	25
18.45	18.52	18.49	18.46	19	16QAM	20MHz	50	50
18.50	18.51	18.46	18.43	19	16QAM	20MHz	100	0

**<Tablet Mode>**

LTE Band 48								
Maximum Average Power (dBm)				Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
55315	55765	56215	56665	Channel				
3557.5	3602.5	3647.5	3692.5	Freq. (MHz)				
18.43	18.48	18.54	18.47	19	QPSK	15MHz	1	0
18.36	18.44	18.51	18.42	19	QPSK	15MHz	1	37
18.34	18.38	18.51	18.36	19	QPSK	15MHz	1	74
18.38	18.37	18.50	18.36	19	QPSK	15MHz	36	0
18.36	18.34	18.49	18.43	19	QPSK	15MHz	36	19
18.37	18.37	18.55	18.36	19	QPSK	15MHz	36	39
18.45	18.53	18.51	18.31	19	QPSK	15MHz	75	0
18.39	18.34	18.48	18.41	19	16QAM	15MHz	1	0
18.43	18.40	18.48	18.34	19	16QAM	15MHz	1	37
18.40	18.37	18.49	18.34	19	16QAM	15MHz	1	74
18.45	18.41	18.52	18.33	19	16QAM	15MHz	36	0
18.41	18.47	18.48	18.42	19	16QAM	15MHz	36	19
18.40	18.52	18.45	18.32	19	16QAM	15MHz	36	39
18.48	18.46	18.50	18.38	19	16QAM	15MHz	75	0

**<Tablet Mode>**

LTE Band 48								
Maximum Average Power (dBm)				Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
55290	55757	56223	56690	Channel				
3555	3601.7	3648.3	3695	Freq. (MHz)				
18.42	18.45	18.46	18.30	19	QPSK	10MHz	1	0
18.40	18.44	18.49	18.38	19	QPSK	10MHz	1	24
18.28	18.44	18.49	18.37	19	QPSK	10MHz	1	49
18.46	18.39	18.47	18.35	19	QPSK	10MHz	25	0
18.38	18.29	18.45	18.32	19	QPSK	10MHz	25	12
18.36	18.32	18.46	18.32	19	QPSK	10MHz	25	25
18.42	18.47	18.43	18.29	19	QPSK	10MHz	50	0
18.36	18.37	18.52	18.36	19	16QAM	10MHz	1	0
18.31	18.45	18.45	18.37	19	16QAM	10MHz	1	24
18.31	18.37	18.54	18.31	19	16QAM	10MHz	1	49
18.40	18.37	18.44	18.27	19	16QAM	10MHz	25	0
18.33	18.30	18.45	18.41	19	16QAM	10MHz	25	12
18.35	18.36	18.44	18.26	19	16QAM	10MHz	25	25
18.44	18.45	18.39	18.32	19	16QAM	10MHz	50	0



**<Tablet Mode>**

LTE Band 48								
Maximum Average Power (dBm)				Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
55265	55748	56232	56715	Channel				
3552.5	3600.8	3649.2	3697.5	Freq. (MHz)				
18.32	18.51	18.45	18.28	19	QPSK	5MHz	1	0
18.31	18.40	18.51	18.31	19	QPSK	5MHz	1	12
18.32	18.42	18.41	18.35	19	QPSK	5MHz	1	24
18.28	18.34	18.42	18.39	19	QPSK	5MHz	12	0
18.36	18.33	18.47	18.33	19	QPSK	5MHz	12	6
18.35	18.37	18.47	18.32	19	QPSK	5MHz	12	13
18.41	18.48	18.43	18.28	19	QPSK	5MHz	25	0
18.31	18.52	18.51	18.30	19	16QAM	5MHz	1	0
18.27	18.43	18.47	18.36	19	16QAM	5MHz	1	12
18.32	18.33	18.48	18.32	19	16QAM	5MHz	1	24
18.37	18.29	18.48	18.35	19	16QAM	5MHz	12	0
18.37	18.31	18.44	18.35	19	16QAM	5MHz	12	6
18.41	18.42	18.54	18.31	19	16QAM	5MHz	12	13
18.41	18.48	18.41	18.23	19	16QAM	5MHz	25	0

**<Tablet Mode>**

LTE Band 66							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
132072	132322	132572	Channel				
1720	1745	1770	Freq. (MHz)				
20.22	20.30	20.25	21	QPSK	20MHz	1	0
20.20	20.29	20.16	21	QPSK	20MHz	1	49
20.14	20.23	20.20	21	QPSK	20MHz	1	99
20.21	20.26	20.24	21	QPSK	20MHz	50	0
20.20	20.22	20.18	21	QPSK	20MHz	50	25
20.20	20.21	20.23	21	QPSK	20MHz	50	50
20.16	20.21	20.20	21	QPSK	20MHz	100	0
20.20	20.26	20.18	21	16QAM	20MHz	1	0
20.17	20.22	20.25	21	16QAM	20MHz	1	49
20.13	20.21	20.19	21	16QAM	20MHz	1	99
20.22	20.16	20.19	21	16QAM	20MHz	50	0
20.14	20.21	20.18	21	16QAM	20MHz	50	25
20.13	20.21	20.16	21	16QAM	20MHz	50	50
20.16	20.17	20.15	21	16QAM	20MHz	100	0

**<Tablet Mode>**

LTE Band 66								
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset	
132047	132322	132597	Channel					
1717.5	1745	1772.5	Freq. (MHz)					
20.18	20.24	20.16	21	QPSK	15MHz	1	0	
20.13	20.20	20.09	21	QPSK	15MHz	1	37	
20.11	20.18	20.20	21	QPSK	15MHz	1	74	
20.07	20.24	20.12	21	QPSK	15MHz	36	0	
20.17	20.19	20.09	21	QPSK	15MHz	36	19	
20.18	20.16	20.17	21	QPSK	15MHz	36	39	
20.13	20.13	20.19	21	QPSK	15MHz	75	0	
20.11	20.26	20.16	21	16QAM	15MHz	1	0	
20.07	20.17	20.19	21	16QAM	15MHz	1	37	
20.13	20.11	20.15	21	16QAM	15MHz	1	74	
20.18	20.24	20.10	21	16QAM	15MHz	36	0	
20.14	20.19	20.12	21	16QAM	15MHz	36	19	
20.13	20.15	20.09	21	16QAM	15MHz	36	39	
20.15	20.19	20.24	21	16QAM	15MHz	75	0	

**<Tablet Mode>**

LTE Band 66							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
132022	132322	132622	Channel				
1715	1745	1775	Freq. (MHz)				
20.01	20.16	20.13	21	QPSK	10MHz	1	0
20.15	20.27	20.06	21	QPSK	10MHz	1	24
20.01	20.02	20.10	21	QPSK	10MHz	1	49
20.03	20.09	20.04	21	QPSK	10MHz	25	0
20.11	20.04	19.98	21	QPSK	10MHz	25	12
20.00	20.09	20.01	21	QPSK	10MHz	25	25
20.07	20.02	20.09	21	QPSK	10MHz	50	0
20.15	20.11	20.04	21	16QAM	10MHz	1	0
20.01	20.12	20.19	21	16QAM	10MHz	1	24
19.96	20.18	19.97	21	16QAM	10MHz	1	49
20.09	20.10	20.13	21	16QAM	10MHz	25	0
20.03	20.05	19.99	21	16QAM	10MHz	25	12
19.94	20.00	20.07	21	16QAM	10MHz	25	25
20.12	20.05	20.08	21	16QAM	10MHz	50	0

**<Tablet Mode>**

LTE Band 66								
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset	
131997	132322	132647	Channel					
1712.5	1745	1777.5	Freq. (MHz)					
20.05	20.13	19.90	21	QPSK	5MHz	1	0	
20.11	20.15	19.86	21	QPSK	5MHz	1	12	
19.94	20.18	20.03	21	QPSK	5MHz	1	24	
19.93	20.16	20.02	21	QPSK	5MHz	12	0	
20.02	20.01	20.02	21	QPSK	5MHz	12	6	
20.14	20.15	20.06	21	QPSK	5MHz	12	13	
19.97	20.06	19.99	21	QPSK	5MHz	25	0	
20.09	20.19	20.14	21	16QAM	5MHz	1	0	
20.01	20.03	20.15	21	16QAM	5MHz	1	12	
20.02	20.05	20.07	21	16QAM	5MHz	1	24	
19.99	20.15	20.06	21	16QAM	5MHz	12	0	
19.98	20.18	20.01	21	16QAM	5MHz	12	6	
20.03	20.07	19.92	21	16QAM	5MHz	12	13	
20.10	20.09	20.12	21	16QAM	5MHz	25	0	

**<Tablet Mode>**

LTE Band 66								
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset	
131987	132322	132657	Channel					
1711.5	1745	1778.5	Freq. (MHz)					
20.05	20.17	20.10	21	QPSK	3MHz	1	0	
20.04	20.11	20.03	21	QPSK	3MHz	1	7	
20.09	20.19	20.07	21	QPSK	3MHz	1	14	
20.00	20.13	20.10	21	QPSK	3MHz	8	0	
20.16	20.03	19.99	21	QPSK	3MHz	8	3	
20.13	19.96	20.16	21	QPSK	3MHz	8	7	
20.04	20.06	20.15	21	QPSK	3MHz	15	0	
20.09	20.13	20.15	21	16QAM	3MHz	1	0	
20.03	20.17	20.11	21	16QAM	3MHz	1	7	
20.05	20.07	20.06	21	16QAM	3MHz	1	14	
20.04	20.11	20.02	21	16QAM	3MHz	8	0	
20.05	20.10	19.98	21	16QAM	3MHz	8	3	
20.00	20.13	20.07	21	16QAM	3MHz	8	7	
19.98	20.18	20.04	21	16QAM	3MHz	15	0	

**<Tablet Mode>**

LTE Band 66								
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset	
131979	132322	132665	Channel					
1710.7	1745	1779.3	Freq. (MHz)					
20.09	20.22	20.09	21	QPSK	1.4MHz	1	0	
19.99	20.27	19.96	21	QPSK	1.4MHz	1	2	
20.00	20.14	19.95	21	QPSK	1.4MHz	1	5	
19.99	20.12	20.06	21	QPSK	1.4MHz	3	0	
20.05	20.05	20.02	21	QPSK	1.4MHz	3	1	
20.13	20.03	20.09	21	QPSK	1.4MHz	3	3	
20.00	20.04	20.19	21	QPSK	1.4MHz	6	0	
20.16	20.08	20.08	21	16QAM	1.4MHz	1	0	
19.95	20.01	20.19	21	16QAM	1.4MHz	1	2	
19.96	20.13	20.09	21	16QAM	1.4MHz	1	5	
20.12	20.21	20.03	21	16QAM	1.4MHz	3	0	
20.03	20.10	20.08	21	16QAM	1.4MHz	3	1	
20.04	20.15	20.01	21	16QAM	1.4MHz	3	3	
20.03	20.08	20.03	21	16QAM	1.4MHz	6	0	

<Tablet Mode>

WLAN 2.4 GHz Tune-up Power					
Mode	Channel	Frequency (MHz)	ANT 0	ANT 1	ANT 0+1
			Tune-Up Limit	Tune-Up Limit	Tune-Up Limit
802.11b	1	2412	18.50	18.50	---
	6	2437	18.50	18.50	---
	11	2462	18.50	18.50	---
	12	2467	18.50	18.50	---
	13	2472	16.50	16.25	---
802.11g	1	2412	18.25	18.50	---
	6	2437	18.50	18.50	---
	11	2462	18.25	18.25	---
	12	2467	15.00	15.00	---
	13	2472	10.50	11.50	---
802.11n HT20	1	2412	18.25	18.50	18.75
	6	2437	18.50	18.50	21.50
	11	2462	18.25	18.25	19.50
	12	2467	15.00	15.00	14.50
	13	2472	10.50	11.50	12.25
802.11n HT40	3	2422	16.00	15.75	18.25
	6	2437	17.25	17.75	18.75
	9	2452	16.50	15.50	18.00
	10	2457	11.25	10.50	11.00
	11	2462	10.75	10.50	12.00
802.11ax HE20	1	2412	18.25	18.50	17.25
	6	2437	18.50	18.50	20.13
	11	2462	18.25	18.25	17.25
	12	2467	15.00	15.00	14.50
	13	2472	10.50	11.50	12.25
802.11ax HE40	3	2422	16.00	15.75	16.25
	6	2437	17.25	17.75	16.00
	9	2452	16.50	15.50	15.50
	10	2457	11.25	10.50	11.00
	11	2462	10.75	10.50	12.00



<Tablet Mode>

WLAN 5.2 GHz Tune-up Power					
Mode	Channel	Frequency (MHz)	ANT 0	ANT 1	ANT 0+1
			Tune-Up Limit	Tune-Up Limit	Tune-Up Limit
802.11a	36	5180	11.00	11.00	---
	40	5200	11.00	11.00	---
	44	5220	11.00	11.00	---
	48	5240	11.00	11.00	---
802.11n HT20	36	5180	11.00	11.00	14.00
	40	5200	11.00	11.00	14.00
	44	5220	11.00	11.00	14.00
	48	5240	11.00	11.00	14.00
802.11n HT40	38	5190	11.00	11.00	14.00
	46	5230	11.00	11.00	14.00
802.11ac VHT80	42	5210	11.00	11.00	14.00
802.11ax HE20	36	5180	11.00	11.00	14.00
	40	5200	11.00	11.00	14.00
	44	5220	11.00	11.00	14.00
	48	5240	11.00	11.00	14.00
802.11ax HE40	38	5190	11.00	11.00	14.00
	46	5230	11.00	11.00	14.00
802.11ax HE80	42	5210	11.00	11.00	14.00

**<Tablet Mode>**

<b>WLAN 5.3 GHz Tune-up Power</b>					
Mode	Channel	Frequency (MHz)	ANT 0	ANT 1	ANT 0+1
			Tune-Up Limit	Tune-Up Limit	Tune-Up Limit
802.11a	52	5260	11.00	11.00	---
	56	5280	11.00	11.00	---
	60	5300	11.00	11.00	---
	64	5320	11.00	11.00	---
802.11n HT20	52	5260	11.00	11.00	14.00
	56	5280	11.00	11.00	14.00
	60	5300	11.00	11.00	14.00
	64	5320	11.00	11.00	14.00
802.11n HT40	54	5270	11.00	11.00	14.00
	62	5310	11.00	11.00	14.00
802.11ac VHT80	58	5290	11.00	11.00	14.00
802.11ac VHT160	50	5250	11.00	11.00	14.00
802.11ax HE20	52	5260	11.00	11.00	14.00
	56	5280	11.00	11.00	14.00
	60	5300	11.00	11.00	14.00
	64	5320	11.00	11.00	14.00
802.11ax HE40	54	5270	11.00	11.00	14.00
	62	5310	11.00	11.00	14.00
802.11ax HE80	58	5290	11.00	11.00	14.00
802.11ax HE160	50	5250	11.00	11.00	14.00

<Tablet Mode>

WLAN 5.6 GHz Tune-up Power					
Mode	Channel	Frequency (MHz)	ANT 0	ANT 1	ANT 0+1
			Tune-Up Limit	Tune-Up Limit	Tune-Up Limit
802.11a	100	5500	10.50	10.50	---
	116	5580	10.50	10.50	---
	124	5620	10.50	10.50	---
	132	5660	10.50	10.50	---
	140	5700	10.50	10.50	---
	144	5720	10.50	10.50	---
802.11n HT20	100	5500	10.50	10.50	13.50
	116	5580	10.50	10.50	13.50
	124	5620	10.50	10.50	13.50
	132	5660	10.50	10.50	13.50
	140	5700	10.50	10.50	13.50
	144	5720	10.50	10.50	13.50
802.11n HT40	102	5510	10.50	10.50	13.50
	110	5550	10.50	10.50	13.50
	126	5630	10.50	10.50	13.50
	134	5670	10.50	10.50	13.50
	142	5710	10.50	10.50	13.50
802.11ac VHT80	106	5530	10.50	10.50	13.50
	122	5610	10.50	10.50	13.50
	138	5690	10.50	10.50	13.50
802.11ac VHT160	114	5570	10.50	10.50	13.50
802.11ax HE20	100	5500	10.50	10.50	13.50
	116	5580	10.50	10.50	13.50
	124	5620	10.50	10.50	13.50
	132	5660	10.50	10.50	13.50
	140	5700	10.50	10.50	13.50
	144	5720	10.50	10.50	13.50
802.11ax HE40	102	5510	10.50	10.50	13.50
	110	5550	10.50	10.50	13.50
	126	5630	10.50	10.50	13.50
	134	5670	10.50	10.50	13.50
	142	5710	10.50	10.50	13.50
802.11ax HE80	106	5530	10.50	10.50	13.50
	122	5610	10.50	10.50	13.50
	138	5690	10.50	10.50	13.50
802.11ax HE160	114	5570	10.50	10.50	13.50

<Tablet Mode>

WLAN 5.8 GHz Tune-up Power					
Mode	Channel	Frequency (MHz)	ANT 0	ANT 1	ANT 0+1
			Tune-Up Limit	Tune-Up Limit	Tune-Up Limit
802.11a	149	5745	11.00	11.00	---
	157	5785	11.00	11.00	---
	165	5825	11.00	11.00	---
	169	5845	11.00	11.00	---
	173	5865	11.00	11.00	---
	177	5885	11.00	11.00	---
802.11n HT20	149	5745	11.00	11.00	14.00
	157	5785	11.00	11.00	14.00
	165	5825	11.00	11.00	14.00
	169	5845	11.00	11.00	14.00
	173	5865	11.00	11.00	14.00
	177	5885	11.00	11.00	14.00
802.11n HT40	151	5755	11.00	11.00	14.00
	159	5795	11.00	11.00	14.00
	167	5835	11.00	11.00	14.00
	175	5875	11.00	11.00	14.00
802.11ac VHT80	155	5775	11.00	11.00	14.00
	171	5855	11.00	11.00	14.00
802.11ac VHT160	163	5815	10.50	10.50	13.50
802.11ax HE20	149	5745	11.00	11.00	14.00
	157	5785	11.00	11.00	14.00
	165	5825	11.00	11.00	14.00
	169	5845	11.00	11.00	14.00
	173	5865	11.00	11.00	14.00
	177	5885	11.00	11.00	14.00
802.11ax HE40	151	5755	11.00	11.00	14.00
	159	5795	11.00	11.00	14.00
	167	5835	11.00	11.00	14.00
	175	5875	11.00	11.00	14.00
802.11ax HE80	155	5775	11.00	11.00	14.00
	171	5855	11.00	11.00	14.00
802.11ax HE160	163	5815	11.00	11.00	14.00

**<Tablet Mode>**

<b>BT 2.0 / 3.0 Tune-up Power</b>				
Mode	Channel	Frequency (MHz)	ANT 0	ANT 1
			Tune-Up Limit	Tune-Up Limit
BR / EDR 1Mbps (GFSK)	0	2402	---	10.50
	39	2441	---	10.50
	78	2480	---	10.50
BR / EDR 2Mbps ( $\pi/4$ DQPSK)	0	2402	---	9.50
	39	2441	---	9.50
	78	2480	---	9.50
BR / EDR 3Mbps (8-DPSK)	0	2402	---	9.50
	39	2441	---	9.50
	78	2480	---	9.50

**<Tablet Mode>**

<b>BT 4.0 / 5.0 Tune-up Power</b>				
Mode	Channel	Frequency (MHz)	ANT 0	ANT 1
			Tune-Up Limit	Tune-Up Limit
LE 1Mbps (GFSK)	0	2402	---	9.00
	19	2440	---	9.00
	39	2480	---	9.00
LE 2Mbps ( $\pi/4$ DQPSK)	1	2404	---	9.00
	19	2440	---	9.00
	38	2478	---	9.00

<Tablet Mode>

WLAN 2.4 GHz										
Mode	Channel	Frequency (MHz)	ANT 0		ANT 1		ANT 0+1			
			Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm) ANT 0	Average power (dBm) ANT 1	Average power (dBm) ANT 0+1	Tune-Up Limit
802.11b	1	2412	18.42	18.50	18.46	18.50	---	---	---	---
	6	2437	18.39	18.50	18.42	18.50	---	---	---	---
	11	2462	18.41	18.50	18.38	18.50	---	---	---	---
	12	2467	18.38	18.50	18.33	18.50	---	---	---	---
	13	2472	16.36	16.50	16.15	16.25	---	---	---	---
802.11g	1	2412	18.16	18.25	18.38	18.50	---	---	---	---
	6	2437	18.40	18.50	18.44	18.50	---	---	---	---
	11	2462	18.16	18.25	18.16	18.25	---	---	---	---
	12	2467	14.88	15.00	14.85	15.00	---	---	---	---
	13	2472	10.42	10.50	11.36	11.50	---	---	---	---
802.11n HT20	1	2412	18.15	18.25	18.35	18.50	14.73	14.69	17.72	18.75
	6	2437	18.34	18.50	18.40	18.50	18.29	18.41	21.36	21.50
	11	2462	18.16	18.25	18.13	18.25	15.84	15.98	18.92	19.50
	12	2467	14.89	15.00	14.91	15.00	11.04	11.36	14.21	14.50
	13	2472	10.38	10.50	11.36	11.50	9.02	9.17	12.11	12.25
802.11n HT40	3	2422	15.87	16.00	15.62	15.75	15.16	15.10	18.14	18.25
	6	2437	17.18	17.25	17.65	17.75	15.62	15.56	18.60	18.75
	9	2452	16.42	16.50	15.42	15.50	14.77	14.79	17.79	18.00
	10	2457	11.20	11.25	10.38	10.50	7.72	7.86	10.80	11.00
	11	2462	10.67	10.75	10.41	10.50	8.79	8.71	11.76	12.00
802.11ax HE20	1	2412	18.20	18.25	18.43	18.50	14.11	14.17	17.15	17.25
	6	2437	18.22	18.50	18.36	18.50	17.03	17.01	20.03	20.13
	11	2462	18.16	18.25	18.14	18.25	14.08	14.06	17.08	17.25
	12	2467	14.86	15.00	14.85	15.00	11.33	11.31	14.33	14.50
	13	2472	10.39	10.50	11.43	11.50	9.10	9.08	12.10	12.25
802.11ax HE40	3	2422	15.93	16.00	15.63	15.75	13.13	13.17	16.16	16.25
	6	2437	17.15	17.25	17.69	17.75	12.76	12.80	15.79	16.00
	9	2452	16.40	16.50	15.35	15.50	12.36	12.44	15.41	15.50
	10	2457	11.17	11.25	10.37	10.50	7.88	7.94	10.92	11.00
	11	2462	10.67	10.75	10.34	10.50	8.87	8.83	11.86	12.00

<Tablet Mode>

WLAN 5.2 GHz										
Mode	Channel	Frequency (MHz)	ANT 0		ANT 1		ANT 0+1			
			Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm) ANT 0	Average power (dBm) ANT 1	Average power (dBm) ANT 0+1	Tune-Up Limit
802.11a	36	5180	10.85	11.00	10.84	11.00	---	---	---	---
	40	5200	10.78	11.00	10.83	11.00	---	---	---	---
	44	5220	10.82	11.00	10.76	11.00	---	---	---	---
	48	5240	10.79	11.00	10.80	11.00	---	---	---	---
802.11n HT20	36	5180	10.85	11.00	10.83	11.00	10.88	10.74	13.82	14.00
	40	5200	10.75	11.00	10.79	11.00	10.79	10.69	13.75	14.00
	44	5220	10.79	11.00	10.86	11.00	10.75	10.89	13.83	14.00
	48	5240	10.77	11.00	10.78	11.00	10.71	10.73	13.73	14.00
802.11n HT40	38	5190	10.78	11.00	10.83	11.00	10.77	10.83	13.81	14.00
	46	5230	10.85	11.00	10.81	11.00	10.80	10.84	13.83	14.00
802.11ac VHT80	42	5210	10.87	11.00	10.89	11.00	10.84	10.83	13.85	14.00
802.11ax HE20	36	5180	10.82	11.00	10.82	11.00	10.72	10.80	13.77	14.00
	40	5200	10.80	11.00	10.78	11.00	10.76	10.78	13.78	14.00
	44	5220	10.83	11.00	10.80	11.00	10.81	10.83	13.83	14.00
	48	5240	10.85	11.00	10.74	11.00	10.77	10.71	13.75	14.00
802.11ax HE40	38	5190	10.79	11.00	10.78	11.00	10.74	10.64	13.70	14.00
	46	5230	10.77	11.00	10.85	11.00	10.71	10.81	13.77	14.00
802.11ax HE80	42	5210	10.80	11.00	10.83	11.00	10.76	10.80	13.79	14.00



<Tablet Mode>

WLAN 5.3 GHz										
Mode	Channel	Frequency (MHz)	ANT 0		ANT 1		ANT 0+1			
			Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm) ANT 0	Average power (dBm) ANT 1	Average power (dBm) ANT 0+1	Tune-Up Limit
802.11a	52	5260	10.82	11.00	10.83	11.00	---	---	---	---
	56	5280	10.85	11.00	10.82	11.00	---	---	---	---
	60	5300	10.78	11.00	10.85	11.00	---	---	---	---
	64	5320	10.81	11.00	10.78	11.00	---	---	---	---
802.11n HT20	52	5260	10.75	11.00	10.79	11.00	10.76	10.80	13.79	14.00
	56	5280	10.78	11.00	10.72	11.00	10.80	10.84	13.83	14.00
	60	5300	10.82	11.00	10.81	11.00	10.81	10.73	13.78	14.00
	64	5320	10.77	11.00	10.83	11.00	10.79	10.87	13.84	14.00
802.11n HT40	54	5270	10.80	11.00	10.76	11.00	10.74	10.76	13.76	14.00
	62	5310	10.85	11.00	10.80	11.00	10.76	10.88	13.83	14.00
802.11ac VHT80	58	5290	10.76	11.00	10.74	11.00	10.77	10.73	13.76	14.00
802.11ac VHT160	50	5250	10.94	11.00	10.91	11.00	10.91	10.88	13.91	14.00
802.11ax HE20	52	5260	10.81	11.00	10.76	11.00	10.86	10.82	13.85	14.00
	56	5280	10.83	11.00	10.81	11.00	10.78	10.88	13.84	14.00
	60	5300	10.79	11.00	10.75	11.00	10.70	10.86	13.79	14.00
	64	5320	10.76	11.00	10.85	11.00	10.67	10.73	13.71	14.00
802.11ax HE40	54	5270	10.79	11.00	10.84	11.00	10.84	10.70	13.78	14.00
	62	5310	10.88	11.00	10.76	11.00	10.71	10.79	13.76	14.00
802.11ax HE80	58	5290	10.76	11.00	10.79	11.00	10.75	10.63	13.70	14.00
802.11ax HE160	50	5250	10.84	11.00	10.84	11.00	10.66	10.82	13.75	14.00

<Tablet Mode>

WLAN 5.6 GHz										
Mode	Channel	Frequency (MHz)	ANT 0		ANT 1		ANT 0+1			
			Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm) ANT 0	Average power (dBm) ANT 1	Average power (dBm) ANT 0+1	Tune-Up Limit
802.11a	100	5500	10.30	10.50	10.33	10.50	---	---	---	---
	116	5580	10.33	10.50	10.28	10.50	---	---	---	---
	124	5620	10.39	10.50	10.30	10.50	---	---	---	---
	132	5660	10.36	10.50	10.35	10.50	---	---	---	---
	140	5700	10.25	10.50	10.34	10.50	---	---	---	---
	144	5720	10.27	10.50	10.28	10.50	---	---	---	---
802.11n HT20	100	5500	10.27	10.50	10.29	10.50	10.21	10.27	13.25	13.50
	116	5580	10.28	10.50	10.36	10.50	10.36	10.32	13.35	13.50
	124	5620	10.31	10.50	10.30	10.50	10.32	10.18	13.26	13.50
	132	5660	10.30	10.50	10.32	10.50	10.29	10.35	13.33	13.50
	140	5700	10.32	10.50	10.33	10.50	10.25	10.29	13.28	13.50
	144	5720	10.34	10.50	10.28	10.50	10.30	10.42	13.37	13.50
802.11n HT40	102	5510	10.28	10.50	10.42	10.50	10.22	10.38	13.31	13.50
	110	5550	10.30	10.50	10.39	10.50	10.34	10.24	13.30	13.50
	126	5630	10.34	10.50	10.35	10.50	10.31	10.21	13.27	13.50
	134	5670	10.26	10.50	10.34	10.50	10.20	10.34	13.28	13.50
	142	5710	10.35	10.50	10.25	10.50	10.37	10.31	13.35	13.50
802.11ac VHT80	106	5530	10.34	10.50	10.32	10.50	10.29	10.09	13.20	13.50
	122	5610	10.16	10.50	10.31	10.50	10.14	10.07	13.12	13.50
	138	5690	10.36	10.50	10.33	10.50	10.30	10.10	13.21	13.50
802.11ac VHT160	114	5570	10.44	10.50	10.45	10.50	10.49	10.38	13.45	13.50
802.11ax HE20	100	5500	10.25	10.50	10.31	10.50	10.29	10.35	13.33	13.50
	116	5580	10.33	10.50	10.34	10.50	10.19	10.39	13.30	13.50
	124	5620	10.28	10.50	10.33	10.50	10.38	10.16	13.28	13.50
	132	5660	10.32	10.50	10.27	10.50	10.33	10.29	13.32	13.50
	140	5700	10.26	10.50	10.38	10.50	10.29	10.39	13.35	13.50
	144	5720	10.33	10.50	10.29	10.50	10.26	10.24	13.26	13.50
802.11ax HE40	102	5510	10.30	10.50	10.27	10.50	10.28	10.20	13.25	13.50
	110	5550	10.28	10.50	10.29	10.50	10.33	10.31	13.33	13.50
	126	5630	10.31	10.50	10.40	10.50	10.34	10.18	13.27	13.50
	134	5670	10.28	10.50	10.32	10.50	10.39	10.33	13.37	13.50
	142	5710	10.33	10.50	10.34	10.50	10.29	10.11	13.21	13.50
802.11ax HE80	106	5530	10.33	10.50	10.33	10.50	10.17	10.33	13.26	13.50
	122	5610	10.35	10.50	10.34	10.50	10.22	10.32	13.28	13.50
	138	5690	10.32	10.50	10.32	10.50	10.25	10.31	13.29	13.50
802.11ax HE160	114	5570	10.28	10.50	10.31	10.50	10.32	10.34	13.34	13.50

<Tablet Mode>

WLAN 5.8 GHz										
Mode	Channel	Frequency (MHz)	ANT 0		ANT 1		ANT 0+1			
			Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm) ANT 0	Average power (dBm) ANT 1	Average power (dBm) ANT 0+1	Tune-Up Limit
802.11a	149	5745	10.77	11.00	10.76	11.00	---	---	---	---
	157	5785	10.85	11.00	10.75	11.00	---	---	---	---
	165	5825	10.80	11.00	10.81	11.00	---	---	---	---
	169	5845	10.79	11.00	10.82	11.00	---	---	---	---
	173	5865	10.72	11.00	10.76	11.00	---	---	---	---
	177	5885	10.81	11.00	10.77	11.00	---	---	---	---
802.11n HT20	149	5745	10.86	11.00	10.83	11.00	10.54	10.42	13.49	14.00
	157	5785	10.78	11.00	10.75	11.00	10.43	10.49	13.47	14.00
	165	5825	10.76	11.00	10.84	11.00	10.38	10.32	13.36	14.00
	169	5845	10.75	11.00	10.79	11.00	10.32	10.42	13.38	14.00
	173	5865	10.81	11.00	10.78	11.00	10.34	10.24	13.30	14.00
	177	5885	10.80	11.00	10.70	11.00	10.42	10.48	13.46	14.00
802.11n HT40	151	5755	10.76	11.00	10.78	11.00	10.46	10.36	13.42	14.00
	159	5795	10.81	11.00	10.83	11.00	10.39	10.37	13.39	14.00
	167	5835	10.74	11.00	10.77	11.00	10.37	10.57	13.48	14.00
	175	5875	10.82	11.00	10.82	11.00	10.30	10.48	13.40	14.00
802.11ac VHT80	155	5775	10.93	11.00	10.85	11.00	10.78	10.37	13.59	14.00
	171	5855	10.90	11.00	10.82	11.00	10.90	10.10	13.53	14.00
802.11ac VHT160	163	5815	10.32	10.50	10.29	10.50	10.31	10.39	13.36	13.50
802.11ax HE20	149	5745	10.82	11.00	10.72	11.00	10.35	10.49	13.43	14.00
	157	5785	10.71	11.00	10.78	11.00	10.43	10.33	13.39	14.00
	165	5825	10.74	11.00	10.80	11.00	10.37	10.29	13.34	14.00
	169	5845	10.75	11.00	10.74	11.00	10.34	10.30	13.33	14.00
	173	5865	10.88	11.00	10.81	11.00	10.36	10.54	13.46	14.00
	177	5885	10.76	11.00	10.80	11.00	10.38	10.42	13.41	14.00
802.11ax HE40	151	5755	10.73	11.00	10.73	11.00	10.44	10.58	13.52	14.00
	159	5795	10.83	11.00	10.79	11.00	10.47	10.37	13.43	14.00
	167	5835	10.76	11.00	10.83	11.00	10.42	10.50	13.47	14.00
	175	5875	10.81	11.00	10.72	11.00	10.45	10.53	13.50	14.00
802.11ax HE80	155	5775	10.74	11.00	10.73	11.00	10.38	10.44	13.42	14.00
	171	5855	10.73	11.00	10.72	11.00	10.35	10.41	13.39	14.00
802.11ax HE160	163	5815	10.98	11.00	10.83	11.00	10.63	10.32	13.49	14.00

**Tablet Mode>**

<b>BT 2.0 / 3.0</b>						
Mode	Channel	Frequency (MHz)	ANT 0		ANT 1	
			Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit
BR / EDR 1Mbps (GFSK)	0	2402	---	---	9.95	10.50
	39	2441	---	---	10.11	10.50
	78	2480	---	---	10.33	10.50
BR / EDR 2Mbps ( $\pi/4$ DQPSK)	0	2402	---	---	9.21	9.50
	39	2441	---	---	9.12	9.50
	78	2480	---	---	9.28	9.50
BR / EDR 3Mbps (8- DPSK)	0	2402	---	---	9.34	9.50
	39	2441	---	---	9.25	9.50
	78	2480	---	---	9.22	9.50

**Tablet Mode>**

<b>BT 4.0 / 5.0</b>						
Mode	Channel	Frequency (MHz)	ANT 0		ANT 1	
			Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit
LE 1Mbps (GFSK)	0	2402	---	---	8.73	9.00
	19	2440	---	---	8.69	9.00
	39	2480	---	---	8.61	9.00
LE 2Mbps ( $\pi/4$ DQPSK)	1	2404	---	---	8.39	9.00
	19	2440	---	---	8.57	9.00
	38	2478	---	---	8.51	9.00

**<Tablet Mode>**

<b>U-NII 5 Tune-up Power</b>					
Mode	Channel	Frequency (MHz)	ANT 0	ANT 1	ANT 0+1
			Tune-Up Limit	Tune-Up Limit	Tune-Up Limit
802.11ax HE20	1	5955	5.00	5.00	5.00
	45	6175	5.00	5.00	5.00
	93	6415	5.00	5.00	5.00
802.11ax HE40	3	5965	8.25	8.25	8.25
	43	6165	8.25	8.25	8.25
	91	6405	8.25	8.25	8.25
802.11ax HE80	7	5985	10.50	10.50	10.75
	39	6145	10.50	10.50	10.75
	87	6385	10.50	10.50	10.75
802.11ax HE160	15	6025	10.50	10.50	13.50
	47	6185	10.50	10.50	13.50
	79	6345	10.50	10.50	13.50

**<Tablet Mode>**

<b>U-NII 6 Tune-up Power</b>					
Mode	Channel	Frequency (MHz)	ANT 0	ANT 1	ANT 0+1
			Tune-Up Limit	Tune-Up Limit	Tune-Up Limit
802.11ax HE20	97	6435	5.00	5.00	5.00
	105	6475	5.00	5.00	5.00
	113	6515	5.00	5.00	5.00
802.11ax HE40	99	6445	8.25	8.25	8.25
	107	6485	8.25	8.25	8.25
802.11ax HE80	103	6465	10.50	10.50	10.75
	119	6545	10.50	10.50	10.75
802.11ax HE160	111	6505	10.50	10.50	13.50

**<Tablet Mode>**

<b>U-NII 7 Tune-up Power</b>					
Mode	Channel	Frequency (MHz)	ANT 0	ANT 1	ANT 0+1
			Tune-Up Limit	Tune-Up Limit	Tune-Up Limit
802.11ax HE20	117	6535	4.25	4.25	4.25
	149	6695	4.25	4.25	4.25
	181	6855	4.25	4.25	4.25
802.11ax HE40	115	6525	8.25	8.25	8.25
	147	6685	7.50	7.50	7.50
	179	6845	7.50	7.50	7.50
802.11ax HE80	135	6625	10.00	10.00	10.00
	151	6705	10.00	10.00	10.00
	167	6785	10.00	10.00	10.00
	183	6865	10.00	10.00	10.00
802.11ax HE160	143	6665	10.50	10.50	12.75
	175	6825	10.50	10.50	12.75



**<Tablet Mode>**

<b>U-NII 8 Tune-up Power</b>					
Mode	Channel	Frequency (MHz)	ANT 0	ANT 1	ANT 0+1
			Tune-Up Limit	Tune-Up Limit	Tune-Up Limit
802.11ax HE20	185	6875	4.25	4.25	4.25
	209	6995	4.25	4.25	4.25
	233	7115	-1.00	-1.00	-1.00
802.11ax HE40	187	6885	7.50	7.50	7.50
	211	7005	7.50	7.50	7.50
	227	7085	7.50	7.50	7.50
802.11ax HE80	199	6945	10.00	10.00	10.00
	215	7025	10.00	10.00	10.00
802.11ax HE160	207	6985	10.50	10.50	12.75

**<Tablet Mode>**

<b>U-NII 5</b>										
Mode	Channel	Frequency (MHz)	ANT 0		ANT 1		ANT 0+1			
			Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm) ANT 0	Average power (dBm) ANT 1	Average power (dBm) ANT 0+1	Tune-Up Limit
802.11ax HE20	1	5955	4.78	5.00	4.71	5.00	1.88	1.66	4.78	5.00
	45	6175	4.84	5.00	4.79	5.00	1.91	1.73	4.83	5.00
	93	6415	4.71	5.00	4.86	5.00	1.89	1.87	4.89	5.00
802.11ax HE40	3	5965	8.12	8.25	8.06	8.25	5.12	5.18	8.16	8.25
	43	6165	8.18	8.25	8.17	8.25	5.11	5.01	8.07	8.25
	91	6405	8.09	8.25	8.20	8.25	5.21	4.97	8.10	8.25
802.11ax HE80	7	5985	10.36	10.50	10.40	10.50	7.61	7.61	10.62	10.75
	39	6145	10.42	10.50	10.35	10.50	7.66	7.74	10.71	10.75
	87	6385	10.31	10.50	10.28	10.50	7.72	7.62	10.68	10.75
802.11ax HE160	15	6025	10.28	10.50	10.40	10.50	10.44	10.45	13.46	13.50
	47	6185	10.15	10.50	10.34	10.50	10.30	10.42	13.37	13.50
	79	6345	10.22	10.50	10.37	10.50	10.38	10.43	13.42	13.50

**<Tablet Mode>**

<b>U-NII 6</b>										
Mode	Channel	Frequency (MHz)	ANT 0		ANT 1		ANT 0+1			
			Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm) ANT 0	Average power (dBm) ANT 1	Average power (dBm) ANT 0+1	Tune-Up Limit
802.11ax HE20	97	6435	4.79	5.00	4.84	5.00	1.87	1.89	4.89	5.00
	105	6475	4.82	5.00	4.91	5.00	1.92	1.47	4.71	5.00
	113	6515	4.90	5.00	4.77	5.00	1.84	1.68	4.77	5.00
802.11ax HE40	99	6445	8.10	8.25	8.03	8.25	5.12	5.10	8.12	8.25
	107	6485	8.17	8.25	8.19	8.25	5.16	5.20	8.19	8.25
802.11ax HE80	103	6465	10.29	10.50	10.42	10.50	7.66	7.64	10.66	10.75
	119	6545	10.35	10.50	10.33	10.50	7.72	7.43	10.59	10.75
802.11ax HE160	111	6505	10.49	10.50	10.45	10.50	10.45	10.47	13.47	13.50

<Tablet Mode>

U-NII 7										
Mode	Channel	Frequency (MHz)	ANT 0		ANT 1		ANT 0+1			
			Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm) ANT 0	Average power (dBm) ANT 1	Average power (dBm) ANT 0+1	Tune-Up Limit
802.11ax HE20	117	6535	4.10	4.25	4.07	4.25	1.03	1.01	4.03	4.25
	149	6695	4.14	4.25	4.11	4.25	1.11	1.23	4.18	4.25
	181	6855	4.06	4.25	4.16	4.25	1.14	1.04	4.10	4.25
802.11ax HE40	115	6525	8.13	8.25	8.09	8.25	5.12	5.24	8.19	8.25
	147	6685	7.29	7.50	7.33	7.50	4.34	4.38	7.37	7.50
	179	6845	7.34	7.50	7.39	7.50	4.42	4.13	7.29	7.50
802.11ax HE80	135	6625	9.83	10.00	9.74	10.00	6.91	6.73	9.83	10.00
	151	6705	9.92	10.00	9.89	10.00	6.88	6.64	9.77	10.00
	167	6785	9.84	10.00	9.83	10.00	6.93	6.85	9.90	10.00
	183	6865	9.79	10.00	9.80	10.00	6.82	6.88	9.86	10.00
802.11ax HE160	143	6665	10.28	10.50	10.14	10.50	9.32	9.22	12.28	12.75
	175	6825	10.25	10.50	9.99	10.50	9.25	9.09	12.18	12.75

**<Tablet Mode>**

<b>U-NII 8</b>										
Mode	Channel	Frequency (MHz)	ANT 0		ANT 1		ANT 0+1			
			Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm) ANT 0	Average power (dBm) ANT 1	Average power (dBm) ANT 0+1	Tune-Up Limit
802.11ax HE20	185	6875	4.09	4.25	4.19	4.25	1.12	1.08	4.11	4.25
	209	6995	4.18	4.25	4.11	4.25	1.09	1.05	4.08	4.25
	233	7115	-1.18	-1.00	-1.07	-1.00	-4.11	-4.21	-1.15	-1.00
802.11ax HE40	187	6885	7.38	7.50	7.34	7.50	4.33	4.41	7.38	7.50
	211	7005	7.31	7.50	7.40	7.50	4.45	4.19	7.33	7.50
	227	7085	7.26	7.50	7.27	7.50	4.39	4.33	7.37	7.50
802.11ax HE80	199	6945	9.87	10.00	9.89	10.00	6.88	6.78	9.84	10.00
	215	7025	9.84	10.00	9.80	10.00	6.91	6.83	9.88	10.00
802.11ax HE160	207	6985	10.26	10.50	9.97	10.50	9.18	9.23	12.22	12.75