

## ***Appendix A - Conducted Power Measurements***

**<Head Mode Conducted Power - DSI-2>**

LTE Band 2 Ant 0							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
18700	18900	19100	Channel				
1860	1880	1900	Frequency (MHz)				
23.32	23.37	23.30	23.5	QPSK	20MHz	1	0
23.15	23.10	23.14	23.5			1	49
23.18	23.18	23.12	23.5			1	99
22.12	22.20	22.16	22.5			50	0
22.15	22.11	22.10	22.5			50	25
22.12	22.18	22.15	22.5			50	50
22.15	22.19	22.17	22.5			100	0
22.10	22.16	22.11	22.5	16QAM		1	0
22.19	22.11	22.17	22.5			1	49
22.11	22.10	22.13	22.5			1	99
21.11	21.16	21.12	21.5			50	0
21.14	21.18	21.17	21.5			50	25
21.16	21.15	21.13	21.5			50	50
21.20	21.16	21.20	21.5			100	0
21.15	21.12	21.16	21.5	64QAM	1	0	
21.11	21.12	21.16	21.5		1	49	
21.12	21.15	21.10	21.5		1	99	
20.14	20.18	20.12	20.5		50	0	
20.18	20.15	20.14	20.5		50	25	
20.10	20.20	20.10	20.5		50	50	
20.12	20.19	20.12	20.5		100	0	
18.19	18.12	18.16	18.5	256QAM	1	0	
18.13	18.13	18.16	18.5		1	49	
18.18	18.14	18.20	18.5		1	99	
18.12	18.20	18.10	18.5		50	0	
18.11	18.14	18.20	18.5		50	25	
18.20	18.12	18.18	18.5		50	50	
18.18	18.13	18.14	18.5		100	0	

LTE Band 2 Ant 0							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
18675	18900	19125	Channel				
1857.5	1880	1902.5	Frequency (MHz)				
23.31	23.30	23.29	23.5	QPSK	15MHz	1	0
23.14	23.17	23.16	23.5			1	37
23.17	23.18	23.19	23.5			1	74
22.12	22.10	22.18	22.5			36	0
22.11	22.20	22.10	22.5			36	19
22.13	22.18	22.19	22.5			36	39
22.17	22.11	22.10	22.5			75	0
22.20	22.14	22.10	22.5	16QAM		1	0
22.19	22.15	22.11	22.5			1	37
22.15	22.10	22.17	22.5			1	74
21.17	21.15	21.18	21.5			36	0
21.20	21.12	21.11	21.5			36	19
21.14	21.16	21.19	21.5			36	39
21.14	21.19	21.15	21.5			75	0
21.18	21.15	21.16	21.5	64QAM	1	0	
21.16	21.18	21.14	21.5		1	37	
21.16	21.13	21.14	21.5		1	74	
20.10	20.18	20.15	20.5		36	0	
20.14	20.10	20.12	20.5		36	19	
20.14	20.19	20.11	20.5		36	39	
20.12	20.11	20.13	20.5		75	0	
18.11	18.19	18.11	18.5	256QAM	1	0	
18.12	18.14	18.10	18.5		1	37	
18.13	18.12	18.18	18.5		1	74	
18.15	18.15	18.16	18.5		36	0	
18.11	18.20	18.10	18.5		36	19	
18.20	18.17	18.15	18.5		36	39	
18.17	18.18	18.18	18.5		75	0	

LTE Band 2 Ant 0							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
18650	18900	19150	Channel				
1855	1880	1905	Frequency (MHz)				
23.28	23.25	23.34	23.5	QPSK	10MHz	1	0
23.11	23.18	23.10	23.5			1	24
23.15	23.12	23.11	23.5			1	49
22.10	22.11	22.20	22.5			25	0
22.16	22.10	22.20	22.5			25	12
22.19	22.16	22.11	22.5			25	25
22.18	22.15	22.16	22.5			50	0
22.10	22.18	22.11	22.5	16QAM		1	0
22.13	22.18	22.11	22.5			1	24
22.11	22.16	22.11	22.5			1	49
21.15	21.13	21.18	21.5			25	0
21.10	21.13	21.12	21.5			25	12
21.17	21.20	21.13	21.5			25	25
21.19	21.17	21.16	21.5			50	0
21.20	21.20	21.16	21.5	64QAM	1	0	
21.16	21.10	21.13	21.5		1	24	
21.16	21.13	21.20	21.5		1	49	
20.12	20.10	20.17	20.5		25	0	
20.17	20.18	20.14	20.5		25	12	
20.11	20.10	20.17	20.5		25	25	
20.13	20.10	20.11	20.5		50	0	
18.10	18.14	18.14	18.5	256QAM	1	0	
18.18	18.13	18.13	18.5		1	24	
18.14	18.20	18.12	18.5		1	49	
18.14	18.10	18.16	18.5		25	0	
18.19	18.19	18.12	18.5		25	12	
18.18	18.10	18.16	18.5		25	25	
18.10	18.20	18.17	18.5		50	0	

LTE Band 2 Ant 0							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
18625	18900	19175	Channel				
1852.5	1880	1907.5	Frequency (MHz)				
23.29	23.33	23.35	23.5	QPSK	5MHz	1	0
23.11	23.18	23.17	23.5			1	12
23.10	23.18	23.10	23.5			1	24
22.20	22.19	22.17	22.5			12	0
22.15	22.17	22.20	22.5			12	6
22.15	22.11	22.17	22.5			12	13
22.15	22.17	22.13	22.5			25	0
22.11	22.12	22.12	22.5	16QAM		1	0
22.17	22.17	22.10	22.5			1	12
22.18	22.11	22.11	22.5			1	24
21.16	21.16	21.15	21.5			12	0
21.10	21.11	21.16	21.5			12	6
21.12	21.10	21.10	21.5			12	13
21.13	21.20	21.14	21.5			25	0
21.12	21.13	21.19	21.5	64QAM	1	0	
21.16	21.14	21.18	21.5		1	12	
21.17	21.16	21.11	21.5		1	24	
20.15	20.13	20.18	20.5		12	0	
20.14	20.11	20.13	20.5		12	6	
20.10	20.19	20.19	20.5		12	13	
20.15	20.16	20.17	20.5		25	0	
18.14	18.17	18.11	18.5	256QAM	1	0	
18.15	18.20	18.10	18.5		1	12	
18.15	18.15	18.10	18.5		1	24	
18.15	18.16	18.19	18.5		12	0	
18.15	18.11	18.19	18.5		12	6	
18.11	18.19	18.19	18.5		12	13	
18.20	18.12	18.11	18.5		25	0	

LTE Band 2 Ant 0							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
18615	18900	19185	Channel				
1851.5	1880	1908.5	Frequency (MHz)				
23.35	23.33	23.34	23.5	QPSK	3MHz	1	0
23.15	23.12	23.19	23.5			1	7
23.18	23.19	23.19	23.5			1	14
22.10	22.14	22.10	22.5			8	0
22.13	22.13	22.17	22.5			8	3
22.16	22.15	22.16	22.5			8	7
22.15	22.19	22.13	22.5			15	0
22.19	22.19	22.14	22.5	16QAM		1	0
22.11	22.12	22.12	22.5			1	7
22.10	22.18	22.14	22.5			1	14
21.16	21.10	21.11	21.5			8	0
21.10	21.10	21.15	21.5			8	3
21.14	21.19	21.17	21.5			8	7
21.12	21.11	21.17	21.5			15	0
21.17	21.18	21.20	21.5	64QAM		1	0
21.20	21.19	21.16	21.5			1	7
21.20	21.15	21.12	21.5			1	14
20.15	20.15	20.10	20.5			8	0
20.18	20.16	20.13	20.5			8	3
20.10	20.20	20.11	20.5			8	7
20.19	20.13	20.15	20.5			15	0
18.19	18.10	18.19	18.5	256QAM		1	0
18.16	18.18	18.13	18.5			1	7
18.17	18.17	18.10	18.5			1	14
18.13	18.17	18.13	18.5			8	0
18.14	18.10	18.10	18.5			8	3
18.10	18.18	18.15	18.5			8	7
18.17	18.18	18.14	18.5			15	0

LTE Band 2 Ant 0							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
18607	18900	19193	Channel				
1850.7	1880	1909.3	Frequency (MHz)				
23.25	23.27	23.32	23.5	QPSK	1.4MHz	1	0
23.20	23.10	23.16	23.5			1	2
23.14	23.11	23.18	23.5			1	5
23.11	23.12	23.12	23.5			3	0
23.11	23.13	23.20	23.5			3	1
23.10	23.15	23.16	23.5			3	3
22.14	22.16	22.19	22.5			6	0
22.19	22.14	22.19	22.5	16QAM		1	0
22.18	22.15	22.17	22.5			1	2
22.14	22.16	22.18	22.5			1	5
22.13	22.13	22.10	22.5			3	0
22.18	22.18	22.11	22.5			3	1
22.12	22.20	22.17	22.5			3	3
21.18	21.20	21.17	21.5			6	0
21.15	21.19	21.12	21.5	64QAM		1	0
21.15	21.12	21.15	21.5			1	2
21.16	21.20	21.18	21.5			1	5
21.19	21.19	21.12	21.5			3	0
21.20	21.16	21.19	21.5			3	1
21.12	21.19	21.15	21.5			3	3
20.11	20.19	20.12	20.5			6	0
18.11	18.20	18.20	18.5	256QAM		1	0
18.10	18.19	18.20	18.5			1	2
18.18	18.14	18.18	18.5			1	5
18.13	18.11	18.12	18.5			3	0
18.16	18.18	18.17	18.5			3	1
18.12	18.12	18.14	18.5			3	3
18.18	18.18	18.15	18.5			6	0

LTE Band 4 Ant 0							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
20050	20175	20300	Channel				
1720	1732.5	1745	Frequency (MHz)				
23.33	23.40	23.36	23.5	QPSK	20MHz	1	0
23.30	23.31	23.20	23.5			1	49
23.15	23.19	23.25	23.5			1	99
22.13	22.18	22.09	22.5			50	0
22.16	22.10	22.16	22.5			50	25
22.11	22.18	22.10	22.5			50	50
22.17	22.19	22.11	22.5			100	0
22.12	22.12	22.16	22.5	16QAM		1	0
22.12	22.14	22.19	22.5			1	49
22.16	22.13	22.13	22.5			1	99
21.11	21.20	21.12	21.5			50	0
21.18	21.14	21.12	21.5			50	25
21.13	21.15	21.19	21.5			50	50
21.18	21.12	21.13	21.5			100	0
21.20	21.19	21.16	21.5	64QAM		1	0
21.11	21.10	21.17	21.5			1	49
21.17	21.11	21.15	21.5			1	99
20.20	20.13	20.14	20.5			50	0
20.17	20.16	20.12	20.5			50	25
20.17	20.16	20.17	20.5			50	50
20.19	20.17	20.12	20.5			100	0
18.19	18.11	18.10	18.5	256QAM		1	0
18.14	18.20	18.20	18.5			1	49
18.14	18.10	18.12	18.5			1	99
18.11	18.16	18.18	18.5			50	0
18.20	18.14	18.10	18.5			50	25
18.19	18.15	18.17	18.5			50	50
18.17	18.15	18.19	18.5			100	0



LTE Band 4 Ant 0							
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	Frequency (MHz)				
23.28	23.32	23.35	23.5	QPSK	15MHz	1	0
23.30	23.20	23.14	23.5			1	37
23.19	23.20	23.23	23.5			1	74
22.11	22.17	22.20	22.5			36	0
22.17	22.19	22.14	22.5			36	19
22.17	22.19	22.12	22.5			36	39
22.12	22.11	22.12	22.5			75	0
22.19	22.19	22.11	22.5	16QAM		1	0
22.17	22.17	22.19	22.5			1	37
22.12	22.10	22.12	22.5			1	74
21.20	21.16	21.18	21.5			36	0
21.17	21.11	21.11	21.5			36	19
21.12	21.17	21.20	21.5			36	39
21.13	21.13	21.13	21.5			75	0
21.18	21.17	21.17	21.5	64QAM		1	0
21.13	21.16	21.18	21.5			1	37
21.16	21.18	21.13	21.5			1	74
20.17	20.17	20.12	20.5			36	0
20.17	20.20	20.19	20.5			36	19
20.11	20.18	20.13	20.5			36	39
20.16	20.14	20.14	20.5			75	0
18.12	18.19	18.16	18.5	256QAM		1	0
18.14	18.14	18.15	18.5			1	37
18.18	18.17	18.12	18.5			1	74
18.18	18.16	18.17	18.5			36	0
18.13	18.20	18.18	18.5			36	19
18.17	18.20	18.20	18.5			36	39
18.14	18.13	18.10	18.5			75	0

LTE Band 4 Ant 0							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
20000	20175	20350	Channel				
1715	1732.5	1750	Frequency (MHz)				
23.35	23.32	23.35	23.5	QPSK	10MHz	1	0
23.16	23.18	23.24	23.5			1	24
23.20	23.15	23.24	23.5			1	49
22.12	22.20	22.18	22.5			25	0
22.20	22.14	22.13	22.5			25	12
22.16	22.13	22.20	22.5			25	25
22.16	22.18	22.19	22.5			50	0
22.12	22.16	22.17	22.5	16QAM		1	0
22.15	22.14	22.13	22.5			1	24
22.19	22.16	22.12	22.5			1	49
21.11	21.19	21.17	21.5			25	0
21.18	21.14	21.12	21.5			25	12
21.15	21.10	21.11	21.5			25	25
21.12	21.15	21.14	21.5			50	0
21.15	21.13	21.17	21.5	64QAM	1	0	
21.10	21.12	21.20	21.5		1	24	
21.18	21.19	21.11	21.5		1	49	
20.11	20.15	20.12	20.5		25	0	
20.14	20.16	20.15	20.5		25	12	
20.12	20.17	20.17	20.5		25	25	
20.11	20.20	20.18	20.5		50	0	
18.16	18.10	18.10	18.5	256QAM	1	0	
18.18	18.15	18.19	18.5		1	24	
18.12	18.16	18.19	18.5		1	49	
18.10	18.11	18.13	18.5		25	0	
18.13	18.12	18.17	18.5		25	12	
18.10	18.18	18.15	18.5		25	25	
18.18	18.15	18.18	18.5		50	0	

LTE Band 4 Ant 0							
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	Frequency (MHz)				
23.32	23.26	23.29	23.5	QPSK	5MHz	1	0
23.35	23.14	23.13	23.5			1	12
23.27	23.29	23.19	23.5			1	24
22.12	22.19	22.10	22.5			12	0
22.11	22.16	22.18	22.5			12	6
22.19	22.15	22.14	22.5			12	13
22.12	22.14	22.18	22.5			25	0
22.14	22.11	22.17	22.5	16QAM		1	0
22.16	22.15	22.20	22.5			1	12
22.14	22.16	22.13	22.5			1	24
21.14	21.11	21.14	21.5			12	0
21.18	21.11	21.19	21.5			12	6
21.10	21.20	21.14	21.5			12	13
21.19	21.15	21.12	21.5			25	0
21.15	21.11	21.20	21.5	64QAM	1	0	
21.14	21.16	21.11	21.5		1	12	
21.10	21.14	21.16	21.5		1	24	
20.20	20.11	20.19	20.5		12	0	
20.13	20.18	20.16	20.5		12	6	
20.10	20.15	20.15	20.5		12	13	
20.17	20.11	20.12	20.5		25	0	
18.11	18.10	18.19	18.5	256QAM	1	0	
18.13	18.11	18.13	18.5		1	12	
18.13	18.17	18.19	18.5		1	24	
18.18	18.15	18.13	18.5		12	0	
18.12	18.15	18.18	18.5		12	6	
18.17	18.20	18.11	18.5		12	13	
18.11	18.12	18.13	18.5		25	0	

LTE Band 4 Ant 0							
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	Frequency (MHz)				
23.30	23.25	23.28	23.5	QPSK	3MHz	1	0
23.35	23.26	23.21	23.5			1	7
23.13	23.28	23.11	23.5			1	14
22.18	22.10	22.13	22.5			8	0
22.11	22.11	22.20	22.5			8	3
22.15	22.12	22.20	22.5			8	7
22.15	22.15	22.10	22.5			15	0
22.11	22.20	22.20	22.5	16QAM		1	0
22.11	22.15	22.18	22.5			1	7
22.12	22.15	22.13	22.5			1	14
21.12	21.12	21.16	21.5			8	0
21.13	21.11	21.12	21.5			8	3
21.18	21.16	21.16	21.5			8	7
21.16	21.17	21.16	21.5			15	0
21.12	21.17	21.15	21.5	64QAM		1	0
21.15	21.16	21.12	21.5			1	7
21.10	21.17	21.14	21.5			1	14
20.14	20.20	20.20	20.5			8	0
20.15	20.18	20.20	20.5			8	3
20.20	20.20	20.19	20.5			8	7
20.17	20.17	20.16	20.5			15	0
18.20	18.13	18.10	18.5	256QAM		1	0
18.18	18.15	18.18	18.5			1	7
18.15	18.17	18.11	18.5			1	14
18.10	18.14	18.14	18.5			8	0
18.11	18.15	18.16	18.5			8	3
18.12	18.17	18.20	18.5			8	7
18.18	18.14	18.20	18.5			15	0

LTE Band 4 Ant 0							
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	Frequency (MHz)				
23.34	23.31	23.27	23.5	QPSK	1.4MHz	1	0
23.17	23.24	23.15	23.5			1	2
23.22	23.19	23.15	23.5			1	5
23.13	23.18	23.13	23.5			3	0
23.12	23.10	23.13	23.5			3	1
23.15	23.17	23.18	23.5			3	3
22.18	22.18	22.19	22.5			6	0
22.10	22.13	22.14	22.5	16QAM		1	0
22.12	22.18	22.18	22.5			1	2
22.12	22.18	22.15	22.5			1	5
22.18	22.15	22.20	22.5			3	0
22.20	22.20	22.18	22.5			3	1
22.19	22.15	22.16	22.5			3	3
21.17	21.15	21.11	21.5			6	0
21.10	21.12	21.13	21.5	64QAM		1	0
21.16	21.10	21.10	21.5			1	2
21.19	21.18	21.11	21.5			1	5
21.18	21.10	21.18	21.5			3	0
21.16	21.13	21.19	21.5			3	1
21.14	21.17	21.20	21.5			3	3
20.12	20.20	20.18	20.5			6	0
18.13	18.14	18.13	18.5	256QAM		1	0
18.14	18.13	18.13	18.5			1	2
18.16	18.10	18.10	18.5			1	5
18.12	18.10	18.14	18.5			3	0
18.11	18.14	18.19	18.5			3	1
18.14	18.19	18.16	18.5			3	3
18.14	18.19	18.16	18.5			6	0

LTE Band 5 Ant 0							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
20450	20525	20600	Channel				
829	836.5	844	Frequency (MHz)				
23.32	23.40	23.34	23.5	QPSK	10MHz	1	0
23.25	23.35	23.11	23.5			1	24
23.13	23.14	23.10	23.5			1	49
22.10	22.20	22.15	22.5			25	0
22.16	22.11	22.11	22.5			25	12
22.17	22.17	22.13	22.5			25	25
22.14	22.16	22.15	22.5			50	0
22.18	22.14	22.18	22.5	16QAM		1	0
22.17	22.11	22.18	22.5			1	24
22.17	22.14	22.13	22.5			1	49
21.14	21.14	21.19	21.5			25	0
21.11	21.12	21.16	21.5			25	12
21.13	21.19	21.20	21.5			25	25
21.13	21.17	21.15	21.5			50	0
21.10	21.16	21.20	21.5	64QAM		1	0
21.12	21.18	21.14	21.5			1	24
21.14	21.14	21.16	21.5			1	49
20.15	20.19	20.12	20.5			25	0
20.19	20.15	20.19	20.5			25	12
20.20	20.12	20.12	20.5			25	25
20.12	20.18	20.13	20.5			50	0
18.19	18.14	18.20	18.5	256QAM		1	0
18.11	18.13	18.13	18.5			1	24
18.18	18.12	18.19	18.5			1	49
18.14	18.15	18.14	18.5			25	0
18.18	18.16	18.12	18.5			25	12
18.15	18.17	18.10	18.5			25	25
18.13	18.15	18.13	18.5			50	0

LTE Band 5 Ant 0							
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	Frequency (MHz)				
23.33	23.29	23.33	23.5	QPSK	5MHz	1	0
23.27	23.26	23.25	23.5			1	12
23.20	23.29	23.10	23.5			1	24
22.19	22.17	22.18	22.5			12	0
22.17	22.12	22.20	22.5			12	6
22.20	22.13	22.18	22.5			12	13
22.12	22.19	22.14	22.5			25	0
22.14	22.10	22.17	22.5	16QAM		1	0
22.11	22.16	22.15	22.5			1	12
22.14	22.10	22.15	22.5			1	24
21.17	21.19	21.17	21.5			12	0
21.11	21.16	21.14	21.5			12	6
21.10	21.11	21.16	21.5			12	13
21.11	21.10	21.18	21.5			25	0
21.12	21.14	21.16	21.5	64QAM	1	0	
21.20	21.15	21.17	21.5		1	12	
21.15	21.16	21.20	21.5		1	24	
20.18	20.15	20.14	20.5		12	0	
20.14	20.18	20.18	20.5		12	6	
20.13	20.15	20.15	20.5		12	13	
20.12	20.10	20.15	20.5		25	0	
18.17	18.10	18.15	18.5	256QAM	1	0	
18.13	18.11	18.13	18.5		1	12	
18.14	18.12	18.11	18.5		1	24	
18.14	18.14	18.17	18.5		12	0	
18.12	18.15	18.20	18.5		12	6	
18.14	18.15	18.19	18.5		12	13	
18.15	18.16	18.16	18.5		25	0	

LTE Band 5 Ant 0							
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	Frequency (MHz)				
23.25	23.32	23.32	23.5	QPSK	3MHz	1	0
23.25	23.23	23.12	23.5			1	7
23.29	23.10	23.11	23.5			1	14
22.13	22.13	22.17	22.5			8	0
22.12	22.13	22.20	22.5			8	3
22.19	22.12	22.14	22.5			8	7
22.11	22.10	22.14	22.5			15	0
22.16	22.19	22.17	22.5	16QAM		1	0
22.16	22.16	22.12	22.5			1	7
22.10	22.17	22.17	22.5			1	14
21.19	21.19	21.16	21.5			8	0
21.12	21.16	21.15	21.5			8	3
21.18	21.14	21.18	21.5			8	7
21.10	21.20	21.14	21.5			15	0
21.14	21.10	21.11	21.5	64QAM		1	0
21.10	21.15	21.10	21.5			1	7
21.15	21.11	21.17	21.5			1	14
20.11	20.14	20.17	20.5			8	0
20.15	20.16	20.11	20.5			8	3
20.15	20.11	20.17	20.5			8	7
20.13	20.14	20.11	20.5			15	0
18.15	18.20	18.11	18.5	256QAM		1	0
18.10	18.13	18.10	18.5			1	7
18.10	18.12	18.13	18.5			1	14
18.16	18.13	18.17	18.5			8	0
18.13	18.14	18.10	18.5			8	3
18.19	18.11	18.11	18.5			8	7
18.20	18.10	18.17	18.5			15	0



LTE Band 5 Ant 0							
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	Frequency (MHz)				
23.33	23.31	23.26	23.5	QPSK	1.4MHz	1	0
23.25	23.30	23.26	23.5			1	2
23.11	23.22	23.11	23.5			1	5
22.18	22.20	22.13	23.5			3	0
22.11	22.20	22.18	23.5			3	1
22.17	22.20	22.12	23.5			3	3
22.18	22.20	22.20	22.5			6	0
22.20	22.13	22.14	22.5	16QAM		1	0
22.19	22.20	22.11	22.5			1	2
22.10	22.16	22.16	22.5			1	5
21.17	21.14	21.14	22.5			3	0
21.10	21.19	21.16	22.5			3	1
21.14	21.20	21.11	22.5			3	3
21.13	21.14	21.16	21.5			6	0
21.15	21.20	21.12	21.5	64QAM		1	0
21.10	21.11	21.18	21.5			1	2
21.16	21.13	21.17	21.5			1	5
20.19	20.15	20.13	21.5			3	0
20.13	20.19	20.16	21.5			3	1
20.15	20.16	20.20	21.5			3	3
20.18	20.13	20.16	20.5			6	0
18.18	18.18	18.20	18.5	256QAM		1	0
18.16	18.18	18.20	18.5			1	2
18.17	18.18	18.11	18.5			1	5
18.15	18.12	18.19	18.5			3	0
18.18	18.12	18.19	18.5			3	1
18.10	18.12	18.17	18.5			3	3
18.14	18.11	18.13	18.5			6	0

LTE Band 7 Ant 0							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
20850	21100	21350	Channel				
2510	2535	2560	Frequency (MHz)				
23.24	23.29	23.26	24	QPSK	20MHz	1	0
23.22	23.23	23.22	24			1	49
23.11	23.16	23.19	24			1	99
22.38	22.61	22.49	23			50	0
22.44	22.58	22.55	23			50	25
22.45	22.59	22.54	23			50	50
22.21	22.37	22.31	23			100	0
22.36	22.35	22.37	23	16QAM		1	0
22.25	22.27	22.26	23			1	49
22.12	22.22	22.21	23			1	99
21.43	21.31	21.38	22			50	0
21.47	21.39	21.46	22			50	25
21.49	21.40	21.45	22			50	50
21.12	21.06	21.17	22			100	0
21.22	21.24	21.19	22	64QAM		1	0
21.13	21.24	21.26	22			1	49
21.24	21.30	21.24	22			1	99
20.48	20.46	20.49	21			50	0
20.49	20.44	20.46	21			50	25
20.43	20.41	20.48	21			50	50
20.27	20.15	20.29	21			100	0
18.80	18.87	18.57	19	256QAM		1	0
18.82	18.56	18.72	19			1	49
18.88	18.66	18.65	19			1	99
18.85	18.90	18.92	19			50	0
18.53	18.54	18.90	19			50	25
18.58	18.56	18.54	19			50	50
18.98	18.52	18.53	19			100	0

LTE Band 7 Ant 0							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
20825	21100	21375	Channel				
2507.5	2535	2562.5	Frequency (MHz)				
23.21	23.20	23.19	24	QPSK	15 MHz	1	0
23.15	23.13	23.17	24			1	37
23.13	23.09	23.10	24			1	74
22.38	22.26	22.34	23			36	0
22.43	22.32	22.47	23			36	19
22.43	22.34	22.49	23			36	39
22.23	22.12	22.18	23			75	0
22.30	22.27	22.29	23	16QAM		1	0
22.26	22.22	22.19	23			1	37
22.19	22.19	22.14	23			1	74
21.44	21.34	21.44	22			36	0
21.49	21.38	21.41	22			36	19
21.46	21.39	21.35	22			36	39
21.00	20.91	20.98	22			75	0
21.06	21.04	21.05	22	64QAM		1	0
21.48	21.46	21.48	22			1	37
21.45	21.48	21.48	22			1	74
20.49	20.45	20.47	21			36	0
20.43	20.48	20.42	21			36	19
20.47	20.46	20.49	21			36	39
20.27	20.18	20.29	21			75	0
18.59	18.83	18.66	19	256QAM		1	0
18.94	18.61	18.68	19			1	37
18.87	18.66	18.68	19			1	74
18.56	18.93	18.69	19			36	0
18.75	18.51	18.54	19			36	19
18.80	18.60	18.92	19			36	39
18.58	18.78	18.84	19			75	0

LTE Band 7 Ant 0							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
20800	21100	21400	Channel				
2505	2535	2565	Frequency (MHz)				
23.22	23.19	23.24	24	QPSK	10 MHz	1	0
23.20	23.17	23.19	24			1	24
23.16	23.12	23.16	24			1	49
22.34	22.31	22.39	23			25	0
22.48	22.36	22.45	23			25	12
22.48	22.32	22.49	23			25	25
22.22	22.10	22.21	23			50	0
22.31	22.23	22.32	23	16QAM		1	0
22.19	22.19	22.25	23			1	24
22.13	22.16	22.27	23			1	49
21.46	21.36	21.43	22			25	0
21.48	21.40	21.44	22			25	12
21.50	21.39	21.48	22			25	25
21.01	20.90	21.00	22			50	0
21.07	21.04	21.04	22	64QAM		1	0
21.22	21.45	21.23	22			1	24
21.45	21.41	21.43	22			1	49
20.44	20.46	20.43	21			25	0
20.48	20.48	20.39	21			25	12
20.49	20.43	20.48	21			25	25
20.28	20.18	20.31	21			50	0
18.80	18.76	18.88	19	256QAM		1	0
18.57	18.65	18.95	19			1	24
18.97	18.66	18.92	19			1	49
18.59	18.68	18.55	19			25	0
18.71	18.66	18.56	19			25	12
18.87	18.64	18.88	19			25	25
18.97	18.94	18.86	19			50	0

LTE Band 7 Ant 0							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
20775	21100	21425	Channel				
2502.5	2535	2567.5	Frequency (MHz)				
23.19	23.22	23.26	24	QPSK	5 MHz	1	0
23.16	23.17	23.21	24			1	12
23.11	23.10	23.19	24			1	24
22.35	22.25	22.38	23			12	0
22.46	22.33	22.49	23			12	6
22.47	22.36	22.53	23			12	13
22.23	22.06	22.22	23			25	0
22.31	22.27	22.29	23	16QAM		1	0
22.25	22.20	22.26	23			1	12
22.16	22.18	22.25	23			1	24
21.32	21.24	21.36	22			12	0
21.46	21.30	21.43	22			12	6
21.45	21.36	21.45	22			12	13
21.02	20.89	21.02	22			25	0
21.08	21.11	21.09	22	64QAM		1	0
21.11	21.18	21.15	22			1	12
21.13	21.19	21.07	22			1	24
20.44	20.42	20.50	21			12	0
20.47	20.45	20.44	21			12	6
20.48	20.46	20.45	21			12	13
20.29	20.13	20.29	21			25	0
18.61	18.70	18.56	19	256QAM		1	0
18.95	18.50	18.87	19			1	12
18.64	18.73	18.79	19			1	24
18.93	18.86	18.62	19			12	0
18.53	18.90	18.77	19			12	6
18.89	18.67	18.81	19			12	13
18.89	18.65	18.68	19			25	0

LTE Band 12 Ant 0							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
23060	23095	23130	Channel				
704	707.5	711	Frequency (MHz)				
23.25	23.28	23.23	24	QPSK	10MHz	1	0
23.22	23.22	23.19	24			1	24
23.20	23.20	23.17	24			1	49
22.82	22.99	22.94	23			25	0
22.90	22.97	22.93	23			25	12
22.87	22.98	22.95	23			25	25
22.17	22.23	22.22	23			50	0
22.55	22.60	22.59	23	16QAM		1	0
22.47	22.54	22.53	23			1	24
22.45	22.45	22.49	23			1	49
21.51	21.64	21.56	22			25	0
21.58	21.65	21.56	22			25	12
21.61	21.71	21.67	22			25	25
21.22	21.27	21.22	22			50	0
21.73	21.77	21.78	22	64QAM		1	0
21.72	21.73	21.66	22			1	24
21.63	21.65	21.62	22			1	49
20.94	20.97	20.93	21			25	0
20.96	20.92	20.95	21			25	12
20.86	20.90	20.98	21			25	25
20.43	20.49	20.33	21			50	0
18.97	18.51	18.82	19	256QAM		1	0
18.64	18.92	18.93	19			1	24
18.80	18.96	18.53	19			1	49
18.71	18.82	18.96	19			25	0
18.59	18.52	18.62	19			25	12
18.50	18.95	18.54	19			25	25
18.87	18.77	18.73	19			50	0

LTE Band 12 Ant 0							
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	Frequency (MHz)				
23.24	23.20	23.21	24	QPSK	5MHz	1	0
23.16	23.17	23.20	24			1	12
23.12	23.13	23.15	24			1	24
22.85	22.92	22.95	23			12	0
22.95	22.95	22.99	23			12	6
22.96	22.99	22.94	23			12	13
22.24	22.23	22.26	23			25	0
22.46	22.50	22.53	23	16QAM		1	0
22.42	22.47	22.49	23			1	12
22.40	22.39	22.42	23			1	24
21.51	21.61	21.64	22			12	0
21.58	21.64	21.66	22			12	6
21.56	21.67	21.69	22			12	13
21.19	21.23	21.20	22			25	0
21.68	21.71	21.71	22	64QAM		1	0
21.70	21.72	21.73	22			1	12
21.61	21.65	21.62	22			1	24
20.95	21.00	20.97	21			12	0
20.93	20.96	20.99	21			12	6
20.88	20.95	20.91	21			12	13
20.45	20.40	20.50	21			25	0
18.64	18.60	18.87	19	256QAM		1	0
18.62	18.82	18.51	19			1	12
18.60	18.81	18.59	19			1	24
18.93	18.86	18.81	19			12	0
18.61	18.74	18.57	19			12	6
18.79	18.58	18.99	19			12	13
18.93	18.76	18.81	19			25	0

LTE Band 12 Ant 0							
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	Frequency (MHz)				
23.16	23.21	23.16	24	QPSK	3MHz	1	0
23.08	23.19	23.08	24			1	7
23.08	23.17	23.08	24			1	14
22.92	22.94	22.92	23			8	0
22.86	22.92	22.86	23			8	3
22.86	22.94	22.86	23			8	7
22.23	22.18	22.23	23			15	0
22.48	22.53	22.48	23	16QAM		1	0
22.33	22.48	22.33	23			1	7
22.39	22.45	22.39	23			1	14
21.64	21.64	21.64	22			8	0
21.63	21.64	21.63	22			8	3
21.58	21.66	21.58	22			8	7
21.20	21.19	21.20	22			15	0
21.73	21.72	21.73	22	64QAM		1	0
21.68	21.73	21.68	22			1	7
21.55	21.70	21.55	22			1	14
20.98	20.95	20.98	21			8	0
20.97	20.98	20.97	21			8	3
20.89	20.96	20.89	21			8	7
20.41	20.33	20.41	21			15	0
18.99	18.98	18.87	19	256QAM		1	0
18.55	18.56	18.82	19			1	7
18.71	18.92	18.67	19			1	14
18.98	18.99	18.67	19			8	0
18.51	18.72	18.96	19			8	3
18.76	19.00	18.85	19			8	7
18.71	18.52	18.83	19			15	0



LTE Band 12 Ant 0							
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	Frequency (MHz)				
23.11	23.16	23.19	24	QPSK	1.4MHz	1	0
23.10	23.11	23.14	24			1	2
23.01	23.09	23.05	24			1	5
23.09	23.14	23.11	24			3	0
23.09	23.17	23.14	24			3	1
23.03	23.13	23.09	24			3	3
22.13	22.11	22.23	23			6	0
22.50	22.52	22.53	23	16QAM		1	0
22.48	22.47	22.52	23			1	2
22.37	22.45	22.43	23			1	5
22.31	22.40	22.35	23			3	0
22.35	22.35	22.35	23			3	1
22.24	22.36	22.33	23			3	3
21.22	21.15	21.29	22			6	0
21.73	21.70	21.77	22	64QAM		1	0
21.70	21.72	21.71	22			1	2
21.63	21.70	21.61	22			1	5
21.52	21.65	21.60	22			3	0
21.60	21.56	21.54	22			3	1
21.45	21.63	21.53	22			3	3
20.46	20.34	20.48	21			6	0
18.79	18.84	18.82	19	256QAM		1	0
18.60	18.94	18.53	19			1	2
18.89	18.99	19.00	19			1	5
18.80	18.69	18.72	19			3	0
18.81	18.56	19.00	19			3	1
18.62	18.57	18.71	19			3	3
18.67	18.94	18.75	19			6	0

LTE Band 13 Ant 0					
Maximum Average Power (dBm)	Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
23230	Channel				
782	Frequency (MHz)				
23.33	24	QPSK	10MHz	1	0
23.31	24			1	24
23.29	24			1	49
22.71	23			25	0
22.61	23			25	12
22.68	23			25	25
22.46	23			50	0
22.53	23	16QAM		1	0
22.49	23			1	24
22.47	23			1	49
21.56	22			25	0
21.60	22			25	12
21.65	22			25	25
21.25	22			50	0
21.75	22	64QAM		1	0
21.68	22			1	24
21.67	22			1	49
20.83	21			25	0
20.80	21			25	12
20.87	21			25	25
20.44	21			50	0
18.51	19	256QAM		1	0
18.96	19			1	24
18.91	19			1	49
18.77	19			25	0
18.57	19			25	12
18.73	19			25	25
18.73	19			50	0

LTE Band 13 Ant 0							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
23205	23230	23255	Channel				
779.5	782	784.5	Frequency (MHz)				
23.26	23.29	23.28	24	QPSK	5MHz	1	0
23.23	23.24	23.23	24			1	12
23.18	23.20	23.18	24			1	24
22.52	22.57	22.54	23			12	0
22.62	22.61	22.58	23			12	6
22.60	22.64	22.62	23			12	13
22.25	22.19	22.18	23			25	0
22.48	22.53	22.54	23	16QAM		1	0
22.43	22.50	22.51	23			1	12
22.46	22.46	22.49	23			1	24
21.58	21.59	21.61	22			12	0
21.66	21.64	21.61	22			12	6
21.65	21.70	21.71	22			12	13
21.26	21.24	21.17	22			25	0
21.68	21.77	21.75	22	64QAM		1	0
21.69	21.74	21.75	22			1	12
21.72	21.68	21.68	22			1	24
20.77	20.79	20.86	21			12	0
20.91	20.85	20.81	21			12	6
20.83	20.96	20.91	21			12	13
20.47	20.47	20.35	21			25	0
18.63	18.76	18.92	19	256QAM		1	0
18.85	18.88	18.62	19			1	12
18.63	18.59	19.00	19			1	24
18.54	18.56	18.82	19			12	0
18.85	18.74	18.85	19			12	6
18.51	18.93	18.68	19			12	13
18.82	18.78	18.59	19			25	0

LTE Band 14 Ant 0					
Maximum Average Power (dBm)	Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
23330	Channel				
793	Frequency (MHz)				
23.29	24	QPSK	10MHz	1	0
23.19	24			1	24
23.10	24			1	49
22.99	23			25	0
22.96	23			25	12
22.93	23			25	25
22.28	23			50	0
22.53	23	16QAM		1	0
22.35	23			1	24
22.32	23			1	49
21.56	22			25	0
21.62	22			25	12
21.52	22			25	25
21.17	22			50	0
21.75	22	64QAM		1	0
21.54	22			1	24
21.58	22			1	49
20.81	21			25	0
20.86	21			25	12
20.74	21			25	25
20.40	21			50	0
18.85	19	256QAM		1	0
18.54	19			1	24
18.91	19			1	49
18.95	19			25	0
18.70	19			25	12
18.66	19			25	25
18.83	19			50	0

LTE Band 14 Ant 0							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
23305	23330	23355	Channel				
790.5	793	795.5	Frequency (MHz)				
23.22	23.25	23.26	24	QPSK	5MHz	1	0
23.16	23.20	23.21	24			1	12
23.10	23.10	23.10	24			1	24
22.98	22.94	22.99	23			12	0
22.98	22.92	22.98	23			12	6
22.90	22.81	22.84	23			12	13
22.26	22.19	22.23	23			25	0
22.53	22.57	22.54	23	16QAM		1	0
22.45	22.49	22.42	23			1	12
22.39	22.42	22.39	23			1	24
21.72	21.62	21.70	22			12	0
21.71	21.61	21.66	22			12	6
21.60	21.54	21.57	22			12	13
21.27	21.21	21.26	22			25	0
21.80	21.75	21.77	22	64QAM		1	0
21.72	21.69	21.61	22			1	12
21.65	21.61	21.58	22			1	24
20.91	20.89	20.95	21			12	0
20.95	20.86	20.93	21			12	6
20.82	20.79	20.84	21			12	13
20.53	20.40	20.45	21			25	0
18.81	18.97	18.63	19	256QAM		1	0
18.75	18.77	18.75	19			1	12
18.81	18.59	18.91	19			1	24
18.86	18.90	19.00	19			12	0
18.50	18.76	18.58	19			12	6
18.76	18.83	18.94	19			12	13
18.79	18.78	18.53	19			25	0

LTE Band 25 Ant 0							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
26140	26365	26590	Channel				
1860	1882.5	1905	Frequency (MHz)				
23.37	23.26	23.29	23.5	QPSK	20MHz	1	0
23.35	23.11	23.32	23.5			1	49
23.15	23.22	23.15	23.5			1	99
22.20	22.17	22.18	22.5			50	0
22.16	22.13	22.17	22.5			50	25
22.15	22.14	22.20	22.5			50	50
22.19	22.18	22.15	22.5			100	0
22.20	22.19	22.18	22.5	16QAM		1	0
22.19	22.17	22.20	22.5			1	49
22.14	22.17	22.15	22.5			1	99
21.12	21.11	21.18	21.5			50	0
21.17	21.13	21.11	21.5			50	25
21.16	21.11	21.10	21.5			50	50
21.13	21.19	21.19	21.5			100	0
21.18	21.17	21.13	21.5	64QAM		1	0
21.13	21.12	21.10	21.5			1	49
21.18	21.14	21.20	21.5			1	99
20.20	20.18	20.11	20.5			50	0
20.16	20.16	20.12	20.5			50	25
20.12	20.14	20.18	20.5			50	50
20.17	20.12	20.16	20.5			100	0
18.14	18.18	18.11	18.5	256QAM		1	0
18.11	18.17	18.17	18.5			1	49
18.11	18.17	18.17	18.5			1	99
18.11	18.14	18.10	18.5			50	0
18.12	18.19	18.13	18.5			50	25
18.13	18.11	18.12	18.5			50	50
18.11	18.16	18.20	18.5			100	0

LTE Band 25 Ant 0							
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	Frequency (MHz)				
23.32	23.31	23.29	23.5	QPSK	15MHz	1	0
23.13	23.20	23.17	23.5			1	37
23.13	23.21	23.23	23.5			1	74
22.20	22.11	22.13	22.5			36	0
22.17	22.19	22.14	22.5			36	19
22.10	22.14	22.13	22.5			36	39
22.13	22.11	22.20	22.5			75	0
22.14	22.11	22.11	22.5	16QAM		1	0
22.16	22.13	22.13	22.5			1	37
22.18	22.13	22.16	22.5			1	74
21.14	21.14	21.16	21.5			36	0
21.18	21.17	21.16	21.5			36	19
21.17	21.16	21.20	21.5			36	39
21.16	21.10	21.20	21.5			75	0
21.11	21.15	21.13	21.5	64QAM		1	0
21.17	21.15	21.18	21.5			1	37
21.18	21.19	21.12	21.5			1	74
20.17	20.17	20.17	20.5			36	0
20.12	20.18	20.12	20.5			36	19
20.19	20.18	20.17	20.5			36	39
20.13	20.10	20.13	20.5			75	0
18.19	18.18	18.20	18.5	256QAM		1	0
18.12	18.18	18.18	18.5			1	37
18.12	18.20	18.15	18.5			1	74
18.16	18.18	18.12	18.5			36	0
18.15	18.10	18.18	18.5			36	19
18.18	18.10	18.15	18.5			36	39
18.14	18.15	18.11	18.5			75	0

LTE Band 25 Ant 0							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
26090	26365	26640	Channel				
1855	1882.5	1910	Frequency (MHz)				
23.27	23.34	23.27	23.5	QPSK	10MHz	1	0
23.14	23.17	23.21	23.5			1	24
23.28	23.21	23.25	23.5			1	49
22.17	22.15	22.18	22.5			25	0
22.11	22.16	22.13	22.5			25	12
22.20	22.20	22.20	22.5			25	25
22.11	22.10	22.18	22.5			50	0
22.13	22.10	22.20	22.5	16QAM		1	0
22.16	22.20	22.11	22.5			1	24
22.20	22.12	22.17	22.5			1	49
21.13	21.14	21.13	21.5			25	0
21.13	21.20	21.15	21.5			25	12
21.12	21.12	21.13	21.5			25	25
21.13	21.10	21.14	21.5			50	0
21.18	21.10	21.15	21.5	64QAM	1	0	
21.11	21.18	21.16	21.5		1	24	
21.11	21.20	21.10	21.5		1	49	
20.17	20.11	20.13	20.5		25	0	
20.20	20.11	20.17	20.5		25	12	
20.20	20.11	20.10	20.5		25	25	
20.16	20.16	20.11	20.5		50	0	
18.14	18.14	18.20	18.5	256QAM	1	0	
18.19	18.20	18.17	18.5		1	24	
18.14	18.11	18.19	18.5		1	49	
18.14	18.14	18.10	18.5		25	0	
18.17	18.19	18.20	18.5		25	12	
18.15	18.10	18.12	18.5		25	25	
18.20	18.13	18.11	18.5		50	0	



LTE Band 25 Ant 0							
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	Frequency (MHz)				
23.31	23.31	23.33	23.5	QPSK	5MHz	1	0
23.13	23.34	23.31	23.5			1	12
23.26	23.28	23.13	23.5			1	24
22.11	22.12	22.10	22.5			12	0
22.17	22.10	22.11	22.5			12	6
22.13	22.12	22.12	22.5			12	13
22.13	22.10	22.17	22.5			25	0
22.16	22.19	22.17	22.5	16QAM		1	0
22.18	22.12	22.18	22.5			1	12
22.18	22.14	22.15	22.5			1	24
21.12	21.15	21.10	21.5			12	0
21.10	21.20	21.17	21.5			12	6
21.20	21.10	21.15	21.5			12	13
21.13	21.19	21.14	21.5			25	0
21.10	21.13	21.14	21.5	64QAM		1	0
21.13	21.20	21.16	21.5			1	12
21.12	21.15	21.11	21.5			1	24
20.14	20.14	20.10	20.5			12	0
20.16	20.17	20.18	20.5			12	6
20.14	20.12	20.18	20.5			12	13
20.18	20.17	20.19	20.5			25	0
18.15	18.15	18.20	18.5	256QAM		1	0
18.15	18.11	18.11	18.5			1	12
18.11	18.13	18.19	18.5			1	24
18.20	18.18	18.13	18.5			12	0
18.19	18.10	18.14	18.5			12	6
18.18	18.18	18.11	18.5			12	13
18.12	18.19	18.18	18.5			25	0

LTE Band 25 Ant 0							
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	Frequency (MHz)				
23.31	23.31	23.29	23.5	QPSK	3MHz	1	0
23.16	23.27	23.21	23.5			1	7
23.15	23.29	23.26	23.5			1	14
22.16	22.10	22.10	22.5			8	0
22.10	22.14	22.20	22.5			8	3
22.12	22.20	22.10	22.5			8	7
22.13	22.20	22.19	22.5			15	0
22.18	22.17	22.17	22.5	16QAM		1	0
22.15	22.19	22.16	22.5			1	7
22.15	22.13	22.18	22.5			1	14
21.18	21.15	21.14	21.5			8	0
21.18	21.18	21.20	21.5			8	3
21.17	21.12	21.13	21.5			8	7
21.14	21.14	21.12	21.5			15	0
21.16	21.18	21.10	21.5	64QAM	1	0	
21.16	21.14	21.17	21.5		1	7	
21.18	21.12	21.20	21.5		1	14	
20.11	20.18	20.11	20.5		8	0	
20.20	20.18	20.14	20.5		8	3	
20.19	20.20	20.15	20.5		8	7	
20.10	20.14	20.11	20.5		15	0	
18.18	18.11	18.11	18.5	256QAM	1	0	
18.20	18.17	18.13	18.5		1	7	
18.20	18.12	18.16	18.5		1	14	
18.18	18.12	18.16	18.5		8	0	
18.18	18.13	18.16	18.5		8	3	
18.18	18.15	18.18	18.5		8	7	
18.11	18.17	18.10	18.5		15	0	

LTE Band 25 Ant 0							
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	Frequency (MHz)				
23.31	23.34	23.30	23.5	QPSK	1.4MHz	1	0
23.32	23.15	23.12	23.5			1	2
23.17	23.13	23.18	23.5			1	5
23.12	23.16	23.18	23.5			3	0
23.14	23.12	23.13	23.5			3	1
23.18	23.17	23.17	23.5			3	3
22.15	22.13	22.10	22.5			6	0
22.13	22.19	22.17	22.5	16QAM		1	0
22.15	22.11	22.14	22.5			1	2
22.17	22.11	22.17	22.5			1	5
22.12	22.13	22.13	22.5			3	0
22.14	22.11	22.14	22.5			3	1
22.11	22.13	22.17	22.5			3	3
21.20	21.16	21.15	21.5			64QAM	6
21.19	21.10	21.17	21.5	1			0
21.14	21.13	21.14	21.5	1			2
21.12	21.20	21.11	21.5	1			5
21.20	21.19	21.12	21.5	3			0
21.19	21.17	21.17	21.5	3			1
21.10	21.10	21.14	21.5	3			3
20.17	20.17	20.13	20.5	256QAM		6	0
18.19	18.14	18.10	18.5			1	0
18.19	18.17	18.12	18.5			1	2
18.12	18.19	18.10	18.5			1	5
18.18	18.15	18.12	18.5			3	0
18.11	18.16	18.18	18.5			3	1
18.10	18.14	18.17	18.5			3	3
18.14	18.15	18.17	18.5	6		0	

LTE Band 26 Ant 0							
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	Frequency (MHz)				
23.33	23.36	23.29	23.5	QPSK	15MHz	1	0
23.15	23.26	23.31	23.5			1	37
23.18	23.21	23.13	23.5			1	74
22.12	22.20	22.13	22.5			36	0
22.11	22.16	22.12	22.5			36	19
22.10	22.18	22.16	22.5			36	39
22.14	22.20	22.16	22.5			75	0
22.10	22.15	22.15	22.5	16QAM		1	0
22.14	22.14	22.19	22.5			1	37
22.11	22.13	22.10	22.5			1	74
21.10	21.15	21.20	21.5			36	0
21.12	21.20	21.14	21.5			36	19
21.15	21.18	21.13	21.5			36	39
21.13	21.14	21.18	21.5			75	0
21.13	21.17	21.14	21.5	64QAM		1	0
21.17	21.12	21.14	21.5			1	37
21.14	21.12	21.17	21.5			1	74
20.14	20.20	20.19	20.5			36	0
20.16	20.18	20.20	20.5			36	19
20.12	20.18	20.10	20.5			36	39
20.13	20.11	20.12	20.5			75	0
18.14	18.14	18.12	18.5	256QAM		1	0
18.11	18.20	18.15	18.5			1	37
18.14	18.18	18.13	18.5			1	74
18.12	18.13	18.12	18.5			36	0
18.10	18.14	18.16	18.5			36	19
18.16	18.16	18.15	18.5			36	39
18.10	18.12	18.12	18.5			75	0

LTE Band 26 Ant 0							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
26740	26865	26990	Channel				
819	831.5	844	Frequency (MHz)				
23.30	23.32	23.28	23.5	QPSK	10MHz	1	0
23.12	23.32	23.29	23.5			1	24
23.11	23.27	23.17	23.5			1	49
22.11	22.16	22.20	22.5			25	0
22.12	22.20	22.11	22.5			25	12
22.16	22.19	22.16	22.5			25	25
22.19	22.11	22.17	22.5			50	0
22.10	22.16	22.11	22.5	16QAM		1	0
22.19	22.19	22.14	22.5			1	24
22.14	22.16	22.20	22.5			1	49
21.13	21.12	21.11	21.5			25	0
21.12	21.12	21.19	21.5			25	12
21.10	21.12	21.12	21.5			25	25
21.12	21.10	21.12	21.5			50	0
21.12	21.15	21.20	21.5	64QAM	1	0	
21.11	21.19	21.14	21.5		1	24	
21.19	21.17	21.18	21.5		1	49	
20.18	20.11	20.10	20.5		25	0	
20.12	20.13	20.16	20.5		25	12	
20.13	20.17	20.12	20.5		25	25	
20.20	20.15	20.15	20.5		50	0	
18.10	18.12	18.19	18.5	256QAM	1	0	
18.19	18.13	18.20	18.5		1	24	
18.17	18.18	18.18	18.5		1	49	
18.19	18.16	18.18	18.5		25	0	
18.19	18.10	18.18	18.5		25	12	
18.14	18.16	18.15	18.5		25	25	
18.19	18.15	18.11	18.5		50	0	

LTE Band 26 Ant 0							
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	Frequency (MHz)				
23.31	23.26	23.28	23.5	QPSK	5MHz	1	0
23.32	23.26	23.25	23.5			1	12
23.30	23.12	23.12	23.5			1	24
22.12	22.12	22.16	22.5			12	0
22.11	22.12	22.13	22.5			12	6
22.12	22.20	22.14	22.5			12	13
22.18	22.10	22.20	22.5			25	0
22.18	22.18	22.13	22.5	16QAM		1	0
22.16	22.15	22.10	22.5			1	12
22.10	22.14	22.19	22.5			1	24
21.14	21.17	21.19	21.5			12	0
21.18	21.15	21.19	21.5			12	6
21.12	21.18	21.12	21.5			12	13
21.19	21.18	21.12	21.5			25	0
21.17	21.20	21.14	21.5	64QAM		1	0
21.19	21.11	21.11	21.5			1	12
21.10	21.15	21.16	21.5			1	24
20.15	20.19	20.19	20.5			12	0
20.18	20.14	20.14	20.5			12	6
20.13	20.18	20.19	20.5			12	13
20.15	20.10	20.15	20.5			25	0
18.19	18.20	18.18	18.5	256QAM		1	0
18.15	18.17	18.20	18.5			1	12
18.19	18.10	18.18	18.5			1	24
18.17	18.14	18.15	18.5			12	0
18.10	18.14	18.18	18.5			12	6
18.19	18.15	18.14	18.5			12	13
18.14	18.11	18.16	18.5			25	0

LTE Band 26 Ant 0							
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	Frequency (MHz)				
23.35	23.31	23.35	23.5	QPSK	3MHz	1	0
23.14	23.28	23.29	23.5			1	7
23.17	23.23	23.26	23.5			1	14
22.11	22.20	22.10	22.5			8	0
22.10	22.20	22.12	22.5			8	3
22.10	22.10	22.11	22.5			8	7
22.15	22.14	22.14	22.5			15	0
22.18	22.16	22.16	22.5	16QAM		1	0
22.19	22.13	22.18	22.5			1	7
22.10	22.18	22.18	22.5			1	14
21.16	21.17	21.18	21.5			8	0
21.20	21.16	21.19	21.5			8	3
21.12	21.12	21.19	21.5			8	7
21.18	21.19	21.10	21.5			15	0
21.20	21.15	21.17	21.5	64QAM	1	0	
21.12	21.10	21.12	21.5		1	7	
21.16	21.19	21.17	21.5		1	14	
20.16	20.11	20.20	20.5		8	0	
20.18	20.13	20.12	20.5		8	3	
20.16	20.13	20.11	20.5		8	7	
20.15	20.14	20.18	20.5		15	0	
18.14	18.20	18.11	18.5	256QAM	1	0	
18.16	18.20	18.15	18.5		1	7	
18.18	18.18	18.11	18.5		1	14	
18.13	18.14	18.10	18.5		8	0	
18.14	18.19	18.12	18.5		8	3	
18.15	18.11	18.12	18.5		8	7	
18.10	18.19	18.16	18.5		15	0	

LTE Band 26 Ant 0							
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	Frequency (MHz)				
23.32	23.31	23.28	23.5	QPSK	1.4MHz	1	0
23.27	23.27	23.11	23.5			1	2
23.12	23.29	23.24	23.5			1	5
22.10	22.14	22.18	23.5			3	0
22.17	22.12	22.16	23.5			3	1
22.15	22.17	22.12	23.5			3	3
22.12	22.13	22.17	22.5			6	0
22.19	22.14	22.16	22.5	16QAM		1	0
22.17	22.20	22.15	22.5			1	2
22.19	22.17	22.11	22.5			1	5
21.14	21.17	21.18	22.5			3	0
21.20	21.19	21.10	22.5			3	1
21.19	21.11	21.19	22.5			3	3
21.15	21.15	21.18	21.5			6	0
21.13	21.18	21.16	21.5	64QAM		1	0
21.12	21.10	21.12	21.5			1	2
21.17	21.11	21.14	21.5			1	5
20.16	20.14	20.16	21.5			3	0
20.20	20.10	20.14	21.5			3	1
20.14	20.17	20.14	21.5			3	3
20.19	20.18	20.14	20.5			6	0
18.16	18.20	18.18	18.5	256QAM		1	0
18.10	18.17	18.13	18.5			1	2
18.11	18.20	18.17	18.5			1	5
18.13	18.10	18.13	18.5			3	0
18.18	18.20	18.18	18.5			3	1
18.12	18.14	18.20	18.5			3	3
18.11	18.13	18.16	18.5			6	0



LTE Band 30 Ant 0					
Maximum Average Power (dBm)	Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
27710	Channel				
2310	Frequency (MHz)				
23.38	23.5	QPSK	10MHz	1	0
23.11	23.5			1	24
23.15	23.5			1	49
22.20	22.5			25	0
22.15	22.5			25	12
22.10	22.5			25	25
22.19	22.5			50	0
22.19	22.5	16QAM		1	0
22.11	22.5			1	24
22.16	22.5			1	49
21.20	21.5			25	0
21.20	21.5			25	12
21.15	21.5			25	25
21.12	21.5			50	0
21.10	21.5	64QAM		1	0
21.11	21.5			1	24
21.15	21.5			1	49
20.15	20.5			25	0
20.10	20.5			25	12
20.20	20.5			25	25
20.14	20.5			50	0
18.15	18.5	256QAM		1	0
18.14	18.5			1	24
18.11	18.5			1	49
18.20	18.5			25	0
18.12	18.5			25	12
18.17	18.5			25	25
18.10	18.5			50	0

LTE Band 30 Ant 0							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
27685	27710	27735	Channel				
2307.5	2310	2312.5	Frequency (MHz)				
23.25	23.25	23.28	23.5	QPSK	5MHz	1	0
23.32	23.13	23.34	23.5			1	12
23.25	23.29	23.29	23.5			1	24
22.16	22.14	22.17	22.5			12	0
22.20	22.10	22.17	22.5			12	6
22.13	22.16	22.11	22.5			12	13
22.20	22.16	22.11	22.5			25	0
22.11	22.20	22.18	22.5	16QAM		1	0
22.16	22.20	22.11	22.5			1	12
22.10	22.17	22.16	22.5			1	24
21.10	21.15	21.17	21.5			12	0
21.19	21.11	21.12	21.5			12	6
21.17	21.11	21.20	21.5			12	13
21.10	21.13	21.11	21.5			25	0
21.10	21.14	21.14	21.5	64QAM		1	0
21.11	21.13	21.15	21.5			1	12
21.20	21.18	21.16	21.5			1	24
20.17	20.15	20.13	20.5			12	0
20.13	20.19	20.19	20.5			12	6
20.13	20.19	20.17	20.5			12	13
20.13	20.16	20.17	20.5			25	0
18.17	18.14	18.12	18.5	256QAM		1	0
18.10	18.13	18.20	18.5			1	12
18.11	18.18	18.19	18.5			1	24
18.11	18.17	18.13	18.5			12	0
18.11	18.10	18.12	18.5			12	6
18.15	18.10	18.10	18.5			12	13
18.13	18.10	18.12	18.5			25	0

LTE Band 38 Ant 0							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
37850	38000	38150	Channel				
2580	2595	2610	Frequency (MHz)				
23.24	23.28	23.25	24	QPSK	20MHz	1	0
23.12	23.19	23.23	24			1	49
23.06	23.10	23.09	24			1	99
22.37	22.49	22.37	23			50	0
22.35	22.34	22.39	23			50	25
22.34	22.42	22.45	23			50	50
22.28	22.31	22.25	23			100	0
22.21	22.29	22.30	23	16QAM		1	0
22.13	22.23	22.25	23			1	49
22.02	22.07	22.17	23			1	99
21.45	21.45	21.49	22			50	0
21.37	21.49	21.45	22			50	25
21.38	21.48	21.46	22			50	50
21.02	21.05	21.06	22			100	0
21.34	21.45	21.46	22	64QAM		1	0
21.27	21.33	21.40	22			1	49
21.27	21.43	21.37	22			1	99
20.35	20.27	20.38	21			50	0
20.36	20.26	20.42	21			50	25
20.35	20.37	20.40	21			50	50
20.08	19.99	20.17	21			100	0
18.55	18.53	18.78	19	256QAM		1	0
18.81	18.67	18.59	19			1	49
18.76	18.60	18.91	19			1	99
18.56	18.93	18.98	19			50	0
18.59	18.64	18.69	19			50	25
18.91	18.96	18.98	19			50	50
18.93	18.95	18.51	19			100	0

LTE Band 38 Ant 0							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
37825	38000	38175	Channel				
2577.5	2595	2612.5	Frequency (MHz)				
23.22	23.18	23.19	24	QPSK	15MHz	1	0
23.14	23.07	23.10	24			1	37
22.96	22.99	23.04	24			1	74
22.78	22.70	22.76	23			36	0
22.78	22.77	22.78	23			36	19
22.77	22.72	22.75	23			36	39
22.24	22.16	22.20	23			75	0
22.19	22.17	22.20	23	16QAM		1	0
22.09	22.15	22.15	23			1	37
21.99	22.06	22.07	23			1	74
21.27	21.32	21.41	22			36	0
21.41	21.40	21.46	22			36	19
21.41	21.42	21.44	22			36	39
20.88	20.89	20.93	22			75	0
21.10	21.12	21.11	22	64QAM		1	0
21.13	21.06	21.26	22			1	37
21.05	21.16	21.08	22			1	74
20.44	20.44	20.42	21			36	0
20.45	20.47	20.48	21			36	19
20.46	20.44	20.43	21			36	39
20.03	20.02	20.18	21			75	0
18.82	18.60	18.52	19	256QAM		1	0
18.52	18.63	18.60	19			1	37
18.89	18.51	18.58	19			1	74
18.87	18.89	18.91	19			36	0
18.71	18.74	18.59	19			36	19
18.88	18.59	18.97	19			36	39
18.97	18.63	18.81	19			75	0

LTE Band 38 Ant 0							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
37800	38000	38200	Channel				
2575	2595	2615	Frequency (MHz)				
23.05	23.08	23.10	24	QPSK	10MHz	1	0
23.01	23.01	23.06	24			1	24
22.97	22.93	23.03	24			1	49
22.61	22.58	22.67	23			25	0
22.63	22.61	22.65	23			25	12
22.65	22.67	22.70	23			25	25
22.04	22.05	22.09	23			50	0
22.13	22.14	22.16	23	16QAM		1	0
22.07	22.08	22.10	23			1	24
21.96	22.03	22.00	23			1	49
21.36	21.31	21.33	22			25	0
21.38	21.35	21.39	22			25	12
21.33	21.38	21.40	22			25	25
20.81	20.82	20.91	22			50	0
21.32	21.39	21.42	22	64QAM		1	0
21.29	21.26	21.48	22			1	24
21.35	21.41	21.44	22			1	49
20.33	20.28	20.41	21			25	0
20.35	20.26	20.47	21			25	12
20.31	20.39	20.42	21			25	25
20.03	20.02	20.19	21			50	0
19.00	18.67	18.58	19	256QAM		1	0
18.74	18.54	18.89	19			1	24
18.80	18.73	18.72	19			1	49
18.99	18.51	18.62	19			25	0
18.58	18.97	18.65	19			25	12
18.80	18.74	18.54	19			25	25
18.64	18.70	18.86	19			50	0

LTE Band 38 Ant 0							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
37775	38000	38225	Channel				
2572.5	2595	2617.5	Frequency (MHz)				
22.94	22.96	22.91	24	QPSK	5MHz	1	0
22.72	22.84	22.83	24			1	12
22.70	22.79	22.82	24			1	24
22.40	22.40	22.41	23			12	0
22.39	22.37	22.43	23			12	6
22.39	22.45	22.49	23			12	13
21.83	21.80	21.93	23			25	0
22.15	22.20	22.21	23	16QAM		1	0
22.09	22.09	22.22	23			1	12
22.10	22.21	22.19	23			1	24
21.36	21.31	21.46	22			12	0
21.39	21.34	21.49	22			12	6
21.36	21.41	21.45	22			12	13
20.83	20.79	20.94	22			25	0
21.32	21.37	21.40	22	64QAM		1	0
21.33	21.27	21.41	22			1	12
21.26	21.38	21.44	22			1	24
20.35	20.27	20.41	21			12	0
20.34	20.34	20.47	21			12	6
20.35	20.37	20.43	21			12	13
20.03	20.00	20.18	21			25	0
18.67	18.64	18.72	19	256QAM		1	0
18.68	18.65	18.65	19			1	12
18.82	18.71	18.65	19			1	24
18.73	18.84	18.56	19			12	0
18.64	18.73	18.62	19			12	6
18.56	18.71	18.58	19			12	13
18.72	18.95	18.88	19			25	0

LTE Band 40 Ant 0							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
38750	39150	39550	Channel				
2310	2350	2390	Frequency (MHz)				
23.23	23.18	23.16	24	QPSK	20MHz	1	0
23.14	23.09	23.07	24			1	49
23.07	23.02	23.00	24			1	99
22.80	22.75	22.73	23			50	0
22.77	22.73	22.71	23			50	25
22.76	22.71	22.69	23			50	50
22.23	22.18	22.16	23			100	0
22.17	22.12	22.10	23	16QAM		1	0
22.16	22.11	22.09	23			1	49
22.12	22.07	22.05	23			1	99
21.47	21.42	21.40	22			50	0
21.44	21.39	21.37	22			50	25
21.42	21.37	21.35	22			50	50
20.92	20.87	20.85	22			100	0
21.25	21.20	21.18	22	64QAM		1	0
21.31	21.26	21.24	22			1	49
21.22	21.17	21.15	22			1	99
20.41	20.36	20.33	21			50	0
20.48	20.43	20.41	21			50	25
20.45	20.42	20.38	21			50	50
20.13	20.08	20.06	21			100	0
18.80	18.75	18.73	19	256QAM		1	0
18.64	18.62	18.57	19			1	49
18.61	18.56	18.54	19			1	99
18.81	18.76	18.74	19			50	0
18.78	18.73	18.71	19			50	25
18.77	18.72	18.70	19			50	50
18.60	18.55	18.53	19			100	0

LTE Band 40 Ant 0							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
38725	39150	39575	Channel				
2307.5	2350	2392.5	Frequency (MHz)				
23.06	23.09	23.07	24	QPSK	15MHz	1	0
23.01	23.06	23.01	24			1	37
22.96	23.00	22.96	24			1	74
22.27	22.24	22.32	23			36	0
22.29	22.24	22.30	23			36	19
22.31	22.35	22.29	23			36	39
22.07	22.05	22.12	23			75	0
22.23	22.25	22.21	23	16QAM		1	0
22.18	22.16	22.14	23			1	37
22.21	22.25	22.19	23			1	74
21.33	21.26	21.28	22			36	0
21.36	21.27	21.31	22			36	19
21.37	21.37	21.24	22			36	39
20.89	20.92	20.91	22			75	0
21.44	21.44	21.40	22	64QAM		1	0
21.34	21.34	21.40	22			1	37
21.46	21.44	21.43	22			1	74
20.47	20.46	20.46	21			36	0
20.45	20.48	20.44	21			36	19
20.46	20.47	20.48	21			36	39
20.10	20.13	20.15	21			75	0
18.87	18.60	18.75	19	256QAM		1	0
18.89	18.79	18.72	19			1	37
18.61	18.94	18.66	19			1	74
18.51	18.50	18.85	19			36	0
18.92	18.60	18.51	19			36	19
18.93	18.95	18.96	19			36	39
18.96	18.83	18.91	19			75	0



LTE Band 40 Ant 0							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
38700	39150	39600	Channel				
2305	2350	2395	Frequency (MHz)				
23.03	23.06	23.04	24	QPSK	10MHz	1	0
22.98	23.03	22.98	24			1	24
22.93	22.97	22.93	24			1	49
22.24	22.21	22.29	23			25	0
22.26	22.21	22.27	23			25	12
22.28	22.32	22.26	23			25	25
22.04	22.02	22.09	23			50	0
22.20	22.22	22.18	23	16QAM		1	0
22.15	22.13	22.11	23			1	24
22.18	22.22	22.16	23			1	49
21.30	21.23	21.25	22			25	0
21.33	21.24	21.28	22			25	12
21.34	21.34	21.21	22			25	25
20.86	20.89	20.88	22			50	0
21.41	21.41	21.37	22	64QAM		1	0
21.31	21.31	21.37	22			1	24
21.43	21.41	21.40	22			1	49
20.44	20.43	20.43	21			25	0
20.42	20.45	20.41	21			25	12
20.43	20.44	20.45	21			25	25
20.07	20.10	20.12	21			50	0
18.84	18.57	18.72	19	256QAM		1	0
18.86	18.76	18.69	19			1	24
18.58	18.91	18.63	19			1	49
18.48	18.47	18.82	19			25	0
18.89	18.57	18.48	19			25	12
18.90	18.92	18.93	19			25	25
18.93	18.80	18.88	19			50	0

LTE Band 40 Ant 0							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
38675	39150	39625	Channel				
2302.5	2350	2397.5	Frequency (MHz)				
22.99	23.02	23.00	24	QPSK	5MHz	1	0
22.94	22.99	22.94	24			1	12
22.89	22.93	22.89	24			1	24
22.20	22.17	22.25	23			12	0
22.22	22.17	22.23	23			12	6
22.24	22.28	22.22	23			12	13
22.00	21.98	22.05	23			25	0
22.16	22.18	22.14	23	16QAM		1	0
22.11	22.09	22.07	23			1	12
22.14	22.18	22.12	23			1	24
21.26	21.19	21.21	22			12	0
21.29	21.20	21.24	22			12	6
21.30	21.30	21.17	22			12	13
20.82	20.85	20.84	22			25	0
21.37	21.37	21.33	22	64QAM		1	0
21.27	21.27	21.33	22			1	12
21.39	21.37	21.36	22			1	24
20.40	20.39	20.39	21			12	0
20.38	20.41	20.37	21			12	6
20.39	20.40	20.41	21			12	13
20.03	20.06	20.08	21			25	0
18.80	18.53	18.68	19	256QAM		1	0
18.82	18.72	18.65	19			1	12
18.54	18.87	18.59	19			1	24
18.44	18.43	18.78	19			12	0
18.85	18.53	18.44	19			12	6
18.86	18.88	18.89	19			12	13
18.89	18.76	18.84	19			25	0

LTE Band 41 Ant 0									
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	Frequency (MHz)				
23.25	23.27	23.28	23.25	23.26	24	QPSK	20MHz	1	0
23.21	23.21	23.24	23.15	23.19	24			1	49
23.17	23.15	23.23	23.15	23.10	24			1	99
22.32	22.45	22.37	22.78	22.79	23			50	0
22.31	22.40	22.65	22.39	22.36	23			50	25
22.30	22.39	22.37	22.61	22.33	23			50	50
22.32	22.58	22.36	22.77	22.39	23			100	0
22.23	21.92	22.25	21.93	22.29	23	16QAM		1	0
22.18	21.86	22.23	21.83	22.23	23			1	49
22.06	21.80	22.17	21.83	22.19	23			1	99
20.95	21.10	20.97	21.46	21.03	22			50	0
20.99	21.05	21.00	21.33	21.06	22			50	25
20.93	21.04	20.99	21.29	21.04	22			50	50
20.91	21.23	20.96	21.45	21.03	22			100	0
21.18	21.25	21.44	21.98	21.46	22	64QAM		1	0
21.43	21.83	21.31	21.75	21.39	22			1	49
21.45	21.75	21.29	21.75	21.39	22			1	99
20.24	20.07	20.40	20.38	20.40	21			50	0
20.47	20.02	20.43	20.25	20.44	21			50	25
20.43	20.01	20.47	20.21	20.43	21			50	50
20.20	20.20	20.33	20.37	20.19	21			100	0
18.57	18.77	18.97	18.66	18.83	19	256QAM		1	0
18.89	18.99	18.56	18.60	18.51	19			1	49
18.89	18.79	18.88	18.81	18.54	19			1	99
18.52	18.81	18.57	18.58	18.54	19			50	0
18.72	18.87	18.91	18.76	18.70	19			50	25
18.89	18.58	18.66	18.92	19.00	19			50	50
18.95	18.65	18.61	18.75	18.97	19			100	0

LTE Band 41 Ant 0										
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	Frequency (MHz)					
23.21	23.25	23.20	23.17	23.21	24	QPSK	15MHz	1	0	
23.10	23.19	23.08	23.07	23.07	24			1	37	
23.06	23.13	23.02	23.07	23.03	24			1	74	
22.24	22.43	22.27	22.70	22.26	23			36	0	
22.25	22.38	22.31	22.57	22.25	23			36	19	
22.19	22.37	22.33	22.53	22.32	23			36	39	
22.25	22.56	22.34	22.67	22.28	23			75	0	
22.24	21.87	22.23	21.85	22.27	23	16QAM		1	0	
22.18	21.81	22.13	21.75	22.10	23			1	37	
22.16	21.75	22.06	21.75	22.20	23			1	74	
21.03	21.05	20.96	21.38	20.98	22			36	0	
21.02	21.00	21.02	21.25	20.97	22			36	19	
21.02	20.99	21.02	21.21	21.05	22			36	39	
21.05	21.18	21.03	21.37	20.98	22			75	0	
21.48	21.48	21.42	21.34	21.45	22	64QAM		1	0	
21.38	21.35	21.32	21.29	21.38	22			1	37	
21.43	21.34	21.30	21.36	21.38	22			1	74	
20.35	20.26	20.33	20.30	20.36	21			36	0	
20.23	20.21	20.36	20.17	20.34	21			36	19	
20.28	20.18	20.28	20.13	20.49	21			36	39	
20.23	20.15	20.25	20.25	20.21	21			75	0	
18.50	18.62	18.86	18.90	18.99	19	256QAM		1	0	
18.54	18.75	18.92	18.77	18.83	19			1	37	
18.98	18.67	18.71	18.80	18.76	19			1	74	
18.68	18.85	18.50	18.57	18.67	19			36	0	
18.80	18.82	18.51	18.65	18.65	19			36	19	
18.78	18.82	18.84	18.53	18.84	19			36	39	
19.00	18.60	18.66	19.00	18.51	19			75	0	

LTE Band 41 Ant 0									
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	Frequency (MHz)				
22.88	22.86	22.87	22.81	22.94	24	QPSK	10MHz	1	0
22.85	22.80	22.86	22.71	22.88	24			1	24
22.83	22.74	22.83	22.71	22.90	24			1	49
21.98	22.04	21.91	22.34	21.94	23			25	0
21.99	21.99	22.01	22.21	21.98	23			25	12
21.96	21.98	21.98	22.17	22.04	23			25	25
21.97	22.17	22.01	22.31	21.96	23			50	0
22.24	21.81	22.22	21.79	22.26	23	16QAM		1	0
22.16	21.75	22.17	21.69	22.24	23			1	24
22.13	21.69	22.12	21.69	22.16	23			1	49
20.97	20.99	20.94	21.32	20.95	22			25	0
21.00	20.94	21.05	21.19	20.96	22			25	12
20.96	20.93	21.06	21.15	21.03	22			25	25
21.01	21.12	20.98	21.31	20.97	22			50	0
21.43	20.78	21.45	20.71	21.49	22	64QAM		1	0
21.35	20.72	21.29	20.61	21.38	22			1	24
20.44	20.66	21.29	20.61	21.40	22			1	49
20.43	19.96	20.45	20.24	20.40	21			25	0
20.44	19.91	20.47	20.11	20.44	21			25	12
20.42	19.90	20.47	20.07	20.42	21			25	25
20.28	20.09	20.30	20.23	20.21	21			50	0
18.53	18.84	18.51	18.95	18.58	19	256QAM		1	0
18.63	18.51	18.58	18.75	18.50	19			1	24
18.54	18.66	18.86	18.71	18.88	19			1	49
18.95	18.51	18.90	18.78	18.80	19			25	0
18.62	18.61	18.52	18.53	18.50	19			25	12
18.57	18.56	18.56	18.60	18.88	19			25	25
18.56	18.94	18.81	18.90	18.97	19			50	0

LTE Band 41 Ant 0										
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	Frequency (MHz)					
23.18	23.08	23.21	23.05	23.22	24	QPSK	5MHz	1	0	
23.09	23.02	23.16	22.95	23.07	24			1	12	
23.01	22.96	23.10	22.95	22.97	24			1	24	
22.73	22.26	22.78	22.58	22.72	23			12	0	
22.79	22.21	22.77	22.45	22.79	23			12	6	
22.77	22.20	22.76	22.41	22.76	23			12	13	
22.26	22.39	22.31	22.55	22.25	23			25	0	
22.20	21.73	22.22	21.73	22.22	23	16QAM		1	0	
22.17	21.67	22.09	21.63	22.17	23			1	12	
22.24	21.61	22.02	21.63	22.12	23			1	24	
21.31	20.91	20.55	21.26	21.32	22			12	0	
21.42	20.86	20.58	21.13	21.41	22			12	6	
21.40	20.85	20.62	21.09	21.38	22			12	13	
21.02	21.04	21.06	21.25	20.97	22			25	0	
21.44	20.70	21.47	20.65	21.41	22	64QAM		1	0	
21.44	20.64	21.35	20.55	21.38	22			1	12	
21.44	20.58	21.22	20.55	21.36	22			1	24	
20.40	19.88	20.38	20.18	20.44	21			12	0	
20.47	19.83	20.42	20.05	20.47	21			12	6	
20.45	19.82	20.44	20.01	20.48	21			12	13	
20.21	20.01	20.33	20.17	20.17	21			25	0	
18.65	18.82	18.74	18.64	18.99	19	256QAM		1	0	
18.82	18.78	18.85	18.97	18.96	19			1	12	
18.86	18.69	18.56	18.94	18.76	19			1	24	
18.84	18.82	18.71	18.93	18.50	19			12	0	
18.70	18.74	18.68	18.79	18.94	19			12	6	
18.56	18.51	18.87	18.72	18.71	19			12	13	
18.73	18.75	18.96	18.71	18.62	19			25	0	

LTE Band 66 Ant 0							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
132072	132322	132572	Channel				
1720	1745	1770	Frequency (MHz)				
23.39	23.45	23.32	23.5	QPSK	20MHz	1	0
23.27	23.16	23.21	23.5			1	49
23.17	23.10	23.12	23.5			1	99
22.29	22.36	22.31	22.5			50	0
22.17	22.14	22.19	22.5			50	25
22.19	22.10	22.15	22.5			50	50
22.15	22.17	22.15	22.5			100	0
22.10	22.19	22.14	22.5	16QAM		1	0
22.17	22.18	22.16	22.5			1	49
22.19	22.18	22.18	22.5			1	99
21.10	21.17	21.12	21.5			50	0
21.10	21.18	21.19	21.5			50	25
21.11	21.15	21.14	21.5			50	50
21.18	21.12	21.14	21.5			100	0
21.15	21.19	21.16	21.5	64QAM		1	0
21.10	21.14	21.14	21.5			1	49
21.10	21.16	21.18	21.5			1	99
20.13	20.11	20.11	20.5			50	0
20.12	20.12	20.10	20.5			50	25
20.14	20.11	20.12	20.5			50	50
20.15	20.17	20.13	20.5			100	0
18.13	18.12	18.14	18.5	256QAM		1	0
18.20	18.20	18.12	18.5			1	49
18.14	18.17	18.15	18.5			1	99
18.15	18.10	18.14	18.5			50	0
18.18	18.10	18.14	18.5			50	25
18.18	18.18	18.10	18.5			50	50
18.14	18.18	18.18	18.5			100	0

LTE Band 66 Ant 0							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
132047	132322	132597	Channel				
1717.5	1745	1772.5	Frequency (MHz)				
23.28	23.31	23.28	23.5	QPSK	15MHz	1	0
23.15	23.21	23.30	23.5			1	37
23.19	23.28	23.16	23.5			1	74
22.11	22.18	22.15	22.5			36	0
22.11	22.11	22.12	22.5			36	19
22.11	22.15	22.16	22.5			36	39
22.15	22.15	22.10	22.5			75	0
22.17	22.15	22.10	22.5	16QAM		1	0
22.17	22.13	22.17	22.5			1	37
22.14	22.10	22.14	22.5			1	74
21.14	21.17	21.17	21.5			36	0
21.10	21.12	21.17	21.5			36	19
21.16	21.20	21.17	21.5			36	39
21.19	21.12	21.18	21.5			75	0
21.17	21.12	21.17	21.5	64QAM		1	0
21.20	21.13	21.19	21.5			1	37
21.14	21.11	21.15	21.5			1	74
20.14	20.16	20.11	20.5			36	0
20.14	20.14	20.16	20.5			36	19
20.20	20.16	20.13	20.5			36	39
20.13	20.11	20.11	20.5			75	0
18.20	18.19	18.15	18.5	256QAM		1	0
18.17	18.14	18.14	18.5			1	37
18.12	18.16	18.11	18.5			1	74
18.19	18.16	18.10	18.5			36	0
18.11	18.11	18.13	18.5			36	19
18.17	18.12	18.10	18.5			36	39
18.13	18.18	18.11	18.5			75	0



LTE Band 66 Ant 0							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
132022	132322	132622	Channel				
1715	1745	1775	Frequency (MHz)				
23.31	23.28	23.32	23.5	QPSK	10MHz	1	0
23.32	23.15	23.27	23.5			1	24
23.29	23.13	23.10	23.5			1	49
22.16	22.19	22.14	22.5			25	0
22.11	22.16	22.20	22.5			25	12
22.11	22.19	22.13	22.5			25	25
22.16	22.17	22.10	22.5			50	0
22.10	22.14	22.16	22.5	16QAM		1	0
22.12	22.20	22.19	22.5			1	24
22.14	22.17	22.15	22.5			1	49
21.11	21.16	21.16	21.5			25	0
21.13	21.12	21.20	21.5			25	12
21.18	21.11	21.13	21.5			25	25
21.17	21.16	21.16	21.5			50	0
21.16	21.16	21.11	21.5	64QAM		1	0
21.15	21.20	21.13	21.5			1	24
21.17	21.12	21.12	21.5			1	49
20.14	20.14	20.14	20.5			25	0
20.17	20.19	20.16	20.5			25	12
20.18	20.20	20.12	20.5			25	25
20.15	20.15	20.14	20.5			50	0
18.20	18.17	18.18	18.5	256QAM		1	0
18.14	18.18	18.20	18.5			1	24
18.20	18.13	18.16	18.5			1	49
18.13	18.19	18.14	18.5			25	0
18.16	18.19	18.15	18.5			25	12
18.12	18.16	18.16	18.5			25	25
18.10	18.18	18.15	18.5			50	0

LTE Band 66 Ant 0							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
131997	132322	132647	Channel				
1712.5	1745	1777.5	Frequency (MHz)				
23.26	23.34	23.35	23.5	QPSK	5MHz	1	0
23.35	23.34	23.32	23.5			1	12
23.18	23.21	23.15	23.5			1	24
22.13	22.20	22.12	22.5			12	0
22.11	22.13	22.18	22.5			12	6
22.18	22.11	22.14	22.5			12	13
22.13	22.18	22.17	22.5			25	0
22.12	22.14	22.20	22.5	16QAM		1	0
22.20	22.10	22.20	22.5			1	12
22.19	22.20	22.17	22.5			1	24
21.16	21.16	21.20	21.5			12	0
21.10	21.18	21.11	21.5			12	6
21.19	21.15	21.17	21.5			12	13
21.11	21.15	21.12	21.5			25	0
21.15	21.15	21.11	21.5	64QAM		1	0
21.15	21.11	21.14	21.5			1	12
21.19	21.17	21.18	21.5			1	24
20.16	20.16	20.20	20.5			12	0
20.20	20.12	20.18	20.5			12	6
20.15	20.13	20.11	20.5			12	13
20.14	20.15	20.14	20.5			25	0
18.15	18.12	18.17	18.5	256QAM		1	0
18.10	18.18	18.12	18.5			1	12
18.13	18.15	18.15	18.5			1	24
18.20	18.13	18.16	18.5			12	0
18.17	18.16	18.13	18.5			12	6
18.17	18.14	18.20	18.5			12	13
18.12	18.13	18.11	18.5			25	0

LTE Band 66 Ant 0							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
131987	132322	132657	Channel				
1711.5	1745	1778.5	Frequency (MHz)				
23.22	23.27	23.28	23.5	QPSK	3MHz	1	0
23.29	23.25	23.29	23.5			1	7
23.1	23.17	23.12	23.5			1	14
22.09	22.15	22.07	22.5			8	0
22.07	22.07	22.09	22.5			8	3
22.14	22.06	22.09	22.5			8	7
22.04	22.14	22.13	22.5			15	0
22.05	22.08	22.14	22.5	16QAM		1	0
22.12	22.02	22.11	22.5			1	7
22.13	22.15	22.11	22.5			1	14
21.1	21.13	21.16	21.5			8	0
21.05	21.15	21.03	21.5			8	3
21.13	21.12	21.12	21.5			8	7
21.07	21.1	21.06	21.5			15	0
21.06	21.06	21.03	21.5	64QAM		1	0
21.11	21.05	21.09	21.5			1	7
21.11	21.11	21.13	21.5			1	14
20.09	20.1	20.13	20.5			8	0
20.11	20.08	20.09	20.5			8	3
20.08	20.05	20.02	20.5			8	7
20.1	20.11	20.08	20.5			15	0
18.06	18.06	18.11	18.5	256QAM		1	0
18.01	18.13	18.09	18.5			1	7
18.08	18.08	18.11	18.5			1	14
18.14	18.08	18.13	18.5			8	0
18.14	18.13	18.1	18.5			8	3
18.14	18.07	18.14	18.5			8	7
18.03	18.08	18.05	18.5			15	0

LTE Band 66 Ant 0							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
131979	132322	132665	Channel				
1710.7	1745	1779.3	Frequency (MHz)				
23.2	23.31	23.27	23.5	QPSK	1.4MHz	1	0
23.27	23.3	23.25	23.5			1	2
23.14	23.14	23.1	23.5			1	5
22.41	22.48	22.4	23.5			3	0
22.39	22.42	22.45	23.5			3	1
22.48	22.39	22.42	23.5			3	3
22.04	22.1	22.12	22.5			6	0
22.07	22.06	22.11	22.5	16QAM		1	0
22.17	22.02	22.12	22.5			1	2
22.13	22.14	22.08	22.5			1	5
21.48	21.42	21.52	22.5			3	0
21.37	21.45	21.39	22.5			3	1
21.45	21.45	21.44	22.5			3	3
21.02	21.12	21.04	21.5			6	0
21.07	21.08	21.03	21.5	64QAM		1	0
21.11	21.06	21.11	21.5			1	2
21.12	21.13	21.15	21.5			1	5
20.43	20.47	20.48	21.5			3	0
20.48	20.41	20.49	21.5			3	1
20.44	20.43	20.42	21.5			3	3
20.08	20.07	20.06	20.5			6	0
18.07	18.03	18.14	18.5	256QAM		1	0
18.03	18.14	18.03	18.5			1	2
18.04	18.06	18.1	18.5			1	5
18.15	18.07	18.11	18.5			3	0
18.13	18.08	18.1	18.5			3	1
18.08	18.05	18.17	18.5			3	3
18.08	18.07	18.04	18.5			6	0

LTE Band 71 Ant 0							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
133222	133322	133372	Channel				
673	683	688	Frequency (MHz)				
23.18	23.27	23.22	24	QPSK	20MHz	1	0
23.11	23.12	23.16	24			1	49
23.02	23.08	23.02	24			1	99
22.87	22.93	22.80	23			50	0
22.85	22.88	22.76	23			50	25
22.81	22.83	22.68	23			50	50
22.10	22.14	22.03	23			100	0
22.59	22.52	22.17	23	16QAM		1	0
22.44	22.48	22.57	23			1	49
22.32	22.36	22.45	23			1	99
21.99	21.97	21.96	22			50	0
21.94	21.96	21.88	22			50	25
21.86	21.79	21.84	22			50	50
21.01	21.21	20.95	22			100	0
21.73	21.82	21.75	22	64QAM		1	0
21.69	21.73	21.66	22			1	49
21.68	21.62	21.64	22			1	99
20.88	20.90	20.97	21			50	0
20.77	20.83	20.80	21			50	25
20.73	20.74	20.71	21			50	50
20.35	20.49	20.38	21			100	0
18.76	18.67	18.74	19	256QAM		1	0
18.54	18.85	18.58	19			1	49
18.68	18.63	18.54	19			1	99
18.88	18.74	18.50	19			50	0
18.96	18.96	18.84	19			50	25
18.61	18.83	18.68	19			50	50
18.96	18.71	18.69	19			100	0

LTE Band 71 Ant 0							
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	Frequency (MHz)				
23.22	23.17	23.19	24	QPSK	15MHz	1	0
22.98	23.04	22.96	24			1	37
22.87	22.95	22.93	24			1	74
22.93	22.98	22.90	23			36	0
22.99	22.94	22.86	23			36	19
22.87	22.86	22.81	23			36	39
22.71	22.02	22.12	23			75	0
22.45	22.35	22.32	23	16QAM		1	0
22.37	22.21	22.27	23			1	37
22.34	22.16	22.16	23			1	74
21.91	21.83	21.90	22			36	0
21.87	21.92	21.97	22			36	19
21.81	21.87	21.91	22			36	39
21.20	21.09	21.02	22			75	0
21.76	21.71	21.78	22	64QAM		1	0
21.65	21.69	21.75	22			1	37
21.64	21.69	21.63	22			1	74
20.87	20.84	20.92	21			36	0
20.82	20.72	20.84	21			36	19
20.69	20.77	20.75	21			36	39
20.48	20.40	20.47	21			75	0
18.87	18.55	18.80	19	256QAM		1	0
18.96	18.78	18.85	19			1	37
18.82	18.93	18.96	19			1	74
18.61	18.73	18.62	19			36	0
18.85	18.70	18.87	19			36	19
18.84	18.97	18.82	19			36	39
18.61	18.61	18.66	19			75	0

LTE Band 71 Ant 0							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
133172	133272	133422	Channel				
668	678	693	Frequency (MHz)				
23.24	23.18	23.21	24	QPSK	10MHz	1	0
23.15	23.11	23.18	24			1	24
23.03	23.09	23.00	24			1	49
22.84	22.92	22.93	23			25	0
22.80	22.84	22.84	23			25	12
22.74	22.75	22.76	23			25	25
22.18	22.22	22.28	23			50	0
22.43	22.38	22.45	23	16QAM		1	0
22.37	22.22	22.39	23			1	24
22.34	22.17	22.21	23			1	49
21.84	21.91	21.96	22			25	0
21.82	21.84	21.88	22			25	12
21.79	21.71	21.83	22			25	25
21.16	21.17	21.13	22			50	0
21.74	21.74	21.77	22	64QAM		1	0
21.65	21.68	21.72	22			1	24
21.62	21.66	21.64	22			1	49
20.83	20.88	20.92	21			25	0
20.82	20.74	20.86	21			25	12
20.75	20.76	20.71	21			25	25
20.49	20.35	20.41	21			50	0
18.76	18.97	18.57	19	256QAM		1	0
18.59	18.88	18.80	19			1	24
18.95	18.77	18.97	19			1	49
19.00	18.65	18.56	19			25	0
18.92	18.73	18.51	19			25	12
18.96	18.83	18.52	19			25	25
18.88	18.77	18.66	19			50	0

LTE Band 71 Ant 0							
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	Frequency (MHz)				
23.23	23.18	23.19	24	QPSK	5MHz	1	0
23.17	23.13	23.14	24			1	12
23.08	23.07	23.11	24			1	24
22.76	22.85	22.84	23			12	0
22.69	22.81	22.78	23			12	6
22.68	22.75	22.71	23			12	13
21.87	22.15	22.24	23			25	0
22.55	22.51	22.53	23	16QAM		1	0
22.46	22.44	22.47	23			1	12
22.41	22.42	22.41	23			1	24
21.98	21.99	21.95	22			12	0
21.93	21.88	21.94	22			12	6
21.84	21.85	21.85	22			12	13
21.28	21.13	21.19	22			25	0
21.82	21.76	21.73	22	64QAM		1	0
21.64	21.62	21.72	22			1	12
21.61	21.65	21.64	22			1	24
20.87	20.91	20.92	21			12	0
20.85	20.80	20.85	21			12	6
20.72	20.74	20.71	21			12	13
20.47	20.39	20.43	21			25	0
18.79	18.51	18.98	19	256QAM		1	0
18.83	18.72	18.90	19			1	12
18.61	18.82	18.83	19			1	24
18.89	18.52	18.78	19			12	0
18.77	18.70	18.87	19			12	6
18.96	18.67	18.61	19			12	13
18.81	18.60	18.61	19			25	0



LTE Band 2 Ant 1							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
18700	18900	19100	Channel				
1860	1880	1900	Frequency (MHz)				
23.24	23.30	23.32	24	QPSK	20MHz	1	0
23.21	23.18	23.24	24			1	49
23.21	23.12	23.22	24			1	99
22.44	22.36	22.48	23			50	0
22.40	22.36	22.45	23			50	25
22.35	22.48	22.41	23			50	50
22.34	22.31	22.42	23			100	0
22.49	22.44	22.50	23	16QAM		1	0
22.48	22.40	22.42	23			1	49
22.48	22.49	22.31	23			1	99
21.44	21.30	21.34	22			50	0
21.40	21.43	21.43	22			50	25
21.30	21.32	21.31	22			50	50
21.38	21.37	21.32	22			100	0
21.38	21.35	21.30	22	64QAM		1	0
21.40	21.38	21.30	22			1	49
21.38	21.49	21.44	22			1	99
20.42	20.35	20.36	21			50	0
20.46	20.39	20.48	21			50	25
20.30	20.46	20.46	21			50	50
20.40	20.49	20.39	21			100	0
18.37	18.44	18.38	19	256QAM		1	0
18.47	18.45	18.41	19			1	49
18.48	18.33	18.39	19			1	99
18.31	18.46	18.35	19			50	0
18.50	18.47	18.36	19			50	25
18.42	18.39	18.41	19			50	50
18.38	18.42	18.37	19			100	0

LTE Band 2 Ant 1							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
18675	18900	19125	Channel				
1857.5	1880	1902.5	Frequency (MHz)				
22.90	23.06	22.96	24	QPSK	15MHz	1	0
22.95	23.06	22.97	24			1	37
22.90	23.08	23.04	24			1	74
22.07	22.08	22.07	23			36	0
21.95	21.90	22.03	23			36	19
22.08	22.04	22.20	23			36	39
21.98	22.11	22.10	23			75	0
22.00	22.04	22.00	23	16QAM		1	0
22.18	22.09	22.11	23			1	37
22.20	22.13	22.02	23			1	74
21.19	21.10	20.93	22			36	0
20.96	20.90	21.08	22			36	19
21.11	20.91	21.16	22			36	39
21.18	21.07	20.99	22			75	0
21.07	20.94	21.05	22	64QAM		1	0
21.15	21.09	21.08	22			1	37
20.98	21.02	21.04	22			1	74
20.16	20.13	20.16	21			36	0
20.02	19.98	20.00	21			36	19
20.17	20.03	19.97	21			36	39
19.93	19.99	20.12	21			75	0
17.99	17.93	18.00	19	256QAM		1	0
18.12	18.08	18.15	19			1	37
18.09	18.09	17.96	19			1	74
17.97	17.96	18.11	19			36	0
18.19	17.91	17.95	19			36	19
18.10	18.20	18.20	19			36	39
17.96	18.12	18.01	19			75	0

LTE Band 2 Ant 1							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
18650	18900	19150	Channel				
1855	1880	1905	Frequency (MHz)				
22.94	23.15	23.14	24	QPSK	10MHz	1	0
23.08	22.94	23.04	24			1	24
23.16	23.02	23.18	24			1	49
22.12	22.09	21.90	23			25	0
22.01	22.04	21.91	23			25	12
22.19	22.16	22.07	23			25	25
22.07	22.14	21.96	23			50	0
21.93	22.04	22.17	23	16QAM		1	0
21.92	22.04	22.07	23			1	24
22.13	22.18	21.97	23			1	49
21.06	20.92	20.94	22			25	0
21.15	21.11	21.00	22			25	12
21.02	21.10	21.00	22			25	25
21.11	20.99	21.04	22			50	0
20.94	21.11	20.97	22	64QAM		1	0
20.95	21.01	21.09	22			1	24
20.96	21.00	21.14	22			1	49
20.13	20.18	19.99	21			25	0
20.13	20.04	20.19	21			25	12
19.92	20.17	20.11	21			25	25
19.93	20.00	19.96	21			50	0
18.04	18.03	18.10	19	256QAM		1	0
18.16	17.95	18.09	19			1	24
17.90	18.01	18.17	19			1	49
18.16	18.09	18.06	19			25	0
17.92	18.01	18.18	19			25	12
17.92	17.92	18.19	19			25	25
18.16	18.04	18.08	19			50	0

LTE Band 2 Ant 1							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
18625	18900	19175	Channel				
1852.5	1880	1907.5	Frequency (MHz)				
23.08	23.06	23.01	24	QPSK	5MHz	1	0
23.11	22.96	23.00	24			1	12
23.07	22.96	23.16	24			1	24
22.18	21.93	22.16	23			12	0
22.10	22.07	21.99	23			12	6
22.13	21.94	21.97	23			12	13
22.07	22.19	22.14	23			25	0
22.05	22.14	22.00	23	16QAM		1	0
22.15	21.98	22.01	23			1	12
22.05	22.11	22.16	23			1	24
20.91	20.97	20.94	22			12	0
21.12	20.99	21.00	22			12	6
21.02	21.20	20.93	22			12	13
21.02	20.97	21.11	22			25	0
21.09	21.00	21.11	22	64QAM		1	0
21.05	20.92	21.07	22			1	12
21.13	21.17	21.18	22			1	24
20.05	20.10	19.98	21			12	0
20.09	20.07	20.03	21			12	6
19.95	20.08	20.14	21			12	13
20.17	20.16	19.92	21			25	0
18.05	18.15	18.14	19	256QAM		1	0
18.03	18.02	18.14	19			1	12
17.99	18.09	17.98	19			1	24
17.91	18.16	18.09	19			12	0
18.04	17.95	18.04	19			12	6
17.97	18.12	18.12	19			12	13
18.16	18.15	18.03	19			25	0

LTE Band 2 Ant 1							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
18615	18900	19185	Channel				
1851.5	1880	1908.5	Frequency (MHz)				
23.07	22.98	22.94	24	QPSK	3MHz	1	0
23.00	23.02	23.16	24			1	7
23.17	23.11	23.03	24			1	14
22.13	21.98	22.04	23			8	0
22.10	21.94	22.09	23			8	3
22.04	22.09	21.90	23			8	7
21.91	22.08	21.97	23			15	0
22.01	22.10	21.93	23	16QAM		1	0
22.16	21.97	22.07	23			1	7
21.99	22.01	21.98	23			1	14
20.98	20.97	20.94	22			8	0
20.96	21.15	21.14	22			8	3
21.19	21.10	21.09	22			8	7
21.04	21.03	21.17	22			15	0
20.90	20.93	21.17	22	64QAM		1	0
21.00	21.06	21.11	22			1	7
20.97	21.00	21.00	22			1	14
20.00	20.09	20.00	21			8	0
19.93	20.09	20.03	21			8	3
20.20	20.11	19.91	21			8	7
20.11	20.11	20.01	21			15	0
18.02	17.96	17.95	19	256QAM		1	0
18.16	18.01	18.13	19			1	7
17.91	18.00	18.08	19			1	14
18.16	18.17	18.18	19			8	0
17.91	18.15	17.92	19			8	3
17.96	18.05	18.15	19			8	7
17.94	18.14	17.92	19			15	0

LTE Band 2 Ant 1							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
18607	18900	19193	Channel				
1850.7	1880	1909.3	Frequency (MHz)				
23.14	23.13	22.91	24	QPSK	1.4MHz	1	0
23.18	23.19	22.93	24			1	2
23.16	22.96	22.95	24			1	5
23.01	23.06	22.99	24			3	0
23.08	23.05	22.90	24			3	1
23.08	23.05	23.17	24			3	3
22.02	22.11	22.07	23			6	0
21.91	21.90	21.90	23	16QAM		1	0
22.17	22.06	21.94	23			1	2
22.15	22.18	21.99	23			1	5
22.03	21.91	21.95	23			3	0
22.19	22.17	22.16	23			3	1
22.14	22.07	22.10	23			3	3
20.92	20.97	21.00	22			6	0
20.91	21.16	21.02	22	64QAM		1	0
21.20	21.04	20.99	22			1	2
21.09	21.01	21.15	22			1	5
21.10	20.93	20.90	22			3	0
21.20	21.09	21.11	22			3	1
20.92	21.02	20.95	22			3	3
19.93	20.07	20.05	21			6	0
18.07	18.09	17.95	19	256QAM		1	0
17.99	17.94	17.97	19			1	2
18.01	18.04	18.00	19			1	5
17.99	18.10	18.18	19			3	0
18.01	17.94	18.17	19			3	1
17.95	18.11	17.94	19			3	3
17.98	17.95	18.00	19			6	0

LTE Band 4 Ant 1							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
20050	20175	20300	Channel				
1720	1732.5	1745	Frequency (MHz)				
23.31	23.38	23.33	24	QPSK	20MHz	1	0
23.34	23.33	23.30	24			1	49
23.37	23.37	23.32	24			1	99
22.33	22.40	22.34	23			50	0
22.32	22.38	22.35	23			50	25
22.33	22.35	22.35	23			50	50
22.36	22.39	22.34	23			100	0
22.30	22.35	22.40	23	16QAM		1	0
22.38	22.36	22.37	23			1	49
22.33	22.32	22.36	23			1	99
21.33	21.33	21.34	22			50	0
21.40	21.34	21.39	22			50	25
21.37	21.36	21.31	22			50	50
21.34	21.35	21.36	22			100	0
21.36	21.39	21.31	22	64QAM		1	0
21.36	21.34	21.32	22			1	49
21.37	21.31	21.36	22			1	99
20.36	20.36	20.37	21			50	0
20.38	20.37	20.39	21			50	25
20.33	20.39	20.40	21			50	50
20.32	20.38	20.39	21			100	0
18.36	18.33	18.37	19	256QAM		1	0
18.32	18.38	18.36	19			1	49
18.35	18.39	18.37	19			1	99
18.35	18.32	18.31	19			50	0
18.32	18.31	18.30	19			50	25
18.37	18.40	18.38	19			50	50
18.38	18.33	18.32	19			100	0

LTE Band 4 Ant 1							
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	Frequency (MHz)				
23.13	23.13	23.16	24	QPSK	15MHz	1	0
22.99	22.91	23.14	24			1	37
23.02	22.95	23.00	24			1	74
21.98	22.01	22.20	23			36	0
22.01	22.04	21.94	23			36	19
21.95	22.18	22.00	23			36	39
21.93	22.06	22.01	23			75	0
21.98	22.10	22.16	23	16QAM		1	0
22.06	22.05	22.10	23			1	37
22.20	22.17	22.05	23			1	74
21.11	21.08	21.03	22			36	0
21.17	21.02	21.07	22			36	19
21.19	21.00	20.96	22			36	39
21.01	21.06	21.12	22			75	0
21.07	21.14	20.94	22	64QAM		1	0
21.06	21.19	21.04	22			1	37
20.90	20.90	21.17	22			1	74
19.97	20.00	20.13	21			36	0
19.92	19.95	20.00	21			36	19
19.91	20.09	20.11	21			36	39
20.14	19.90	20.17	21			75	0
18.11	17.93	17.93	19	256QAM		1	0
18.14	18.10	18.07	19			1	37
17.90	18.09	18.05	19			1	74
18.18	18.13	18.02	19			36	0
18.05	18.03	17.97	19			36	19
18.02	18.19	18.17	19			36	39
17.98	18.03	18.11	19			75	0



LTE Band 4 Ant 1							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
20000	20175	20350	Channel				
1715	1732.5	1750	Frequency (MHz)				
23.01	23.10	22.96	24	QPSK	10MHz	1	0
22.96	23.11	23.18	24			1	24
23.14	23.01	23.18	24			1	49
21.97	22.16	22.18	23			25	0
21.96	22.11	22.20	23			25	12
22.07	21.92	22.15	23			25	25
21.94	21.93	22.00	23			50	0
22.05	21.93	21.94	23	16QAM		1	0
22.05	21.95	22.07	23			1	24
22.09	21.93	22.20	23			1	49
21.12	21.19	21.14	22			25	0
21.01	20.92	21.07	22			25	12
21.13	21.09	21.04	22			25	25
20.97	21.04	21.11	22			50	0
21.05	21.10	21.15	22	64QAM		1	0
20.96	21.07	21.02	22			1	24
21.02	20.95	21.08	22			1	49
19.97	20.06	19.98	21			25	0
20.02	20.02	19.97	21			25	12
20.04	19.93	20.17	21			25	25
19.90	19.99	20.14	21			50	0
18.03	18.08	17.96	19	256QAM		1	0
18.12	17.98	17.94	19			1	24
18.05	18.15	18.18	19			1	49
17.94	17.98	18.01	19			25	0
17.90	18.17	18.10	19			25	12
18.10	18.09	18.04	19			25	25
17.96	18.09	18.17	19			50	0

LTE Band 4 Ant 1							
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	Frequency (MHz)				
22.96	22.91	22.94	24	QPSK	5MHz	1	0
23.13	23.07	22.92	24			1	12
22.99	23.16	22.96	24			1	24
21.92	22.09	22.14	23			12	0
22.06	22.15	22.19	23			12	6
21.90	21.98	22.01	23			12	13
21.96	22.09	21.99	23			25	0
22.12	22.01	21.91	23	16QAM		1	0
21.92	22.07	21.95	23			1	12
22.20	21.92	21.99	23			1	24
21.14	21.03	21.11	22			12	0
21.20	21.20	21.03	22			12	6
21.15	20.93	21.15	22			12	13
21.12	20.91	20.93	22			25	0
21.10	21.16	21.09	22	64QAM		1	0
21.17	20.96	21.07	22			1	12
21.20	21.06	21.15	22			1	24
20.05	20.15	19.98	21			12	0
20.15	20.00	20.08	21			12	6
20.19	20.19	20.01	21			12	13
19.96	19.93	20.06	21			25	0
18.01	18.05	18.19	19	256QAM		1	0
17.98	18.01	17.92	19			1	12
18.09	17.91	17.91	19			1	24
18.12	17.91	18.13	19			12	0
18.13	17.92	18.14	19			12	6
17.94	18.18	18.02	19			12	13
18.20	18.07	18.13	19			25	0

LTE Band 4 Ant 1							
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	Frequency (MHz)				
23.17	23.06	23.05	24	QPSK	3MHz	1	0
23.02	23.13	22.90	24			1	7
22.91	22.91	23.11	24			1	14
21.90	22.11	22.02	23			8	0
21.99	22.09	22.06	23			8	3
21.95	21.99	21.96	23			8	7
22.13	22.05	22.18	23			15	0
21.93	21.91	22.15	23	16QAM		1	0
22.15	22.11	21.95	23			1	7
22.12	22.11	22.05	23			1	14
21.15	20.99	21.05	22			8	0
21.09	21.08	21.18	22			8	3
21.18	21.10	21.13	22			8	7
21.17	21.09	20.93	22			15	0
21.09	21.02	21.19	22	64QAM		1	0
21.19	21.10	21.17	22			1	7
21.02	21.08	20.92	22			1	14
20.03	19.96	20.02	21			8	0
20.03	20.05	19.91	21			8	3
19.92	19.92	19.98	21			8	7
20.05	20.09	20.03	21			15	0
18.12	18.01	18.10	19	256QAM		1	0
18.11	18.08	17.93	19			1	7
18.08	18.13	18.19	19			1	14
18.17	18.08	18.16	19			8	0
17.97	17.92	18.02	19			8	3
18.13	18.12	18.02	19			8	7
17.97	18.07	17.94	19			15	0

LTE Band 4 Ant 1							
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	Frequency (MHz)				
22.95	23.07	23.04	24	QPSK	1.4MHz	1	0
23.04	22.98	22.99	24			1	2
22.90	23.03	23.20	24			1	5
23.05	23.03	22.93	24			3	0
23.16	22.99	22.98	24			3	1
22.94	22.91	23.20	24			3	3
21.90	21.92	22.13	23			6	0
22.13	21.98	22.01	23	16QAM		1	0
21.93	22.18	22.14	23			1	2
21.94	21.96	21.97	23			1	5
21.96	22.18	21.93	23			3	0
21.96	22.08	22.11	23			3	1
21.91	22.15	21.97	23			3	3
20.99	21.20	21.05	22			6	0
20.98	20.90	20.96	22	64QAM		1	0
21.05	20.96	21.20	22			1	2
20.99	21.00	21.20	22			1	5
20.98	20.96	20.91	22			3	0
21.07	20.93	21.03	22			3	1
21.20	21.04	21.12	22			3	3
20.00	20.13	19.93	21			6	0
18.06	18.08	18.00	19	256QAM		1	0
17.90	17.98	18.07	19			1	2
17.99	18.15	17.92	19			1	5
18.06	18.17	18.16	19			3	0
17.95	17.94	18.07	19			3	1
18.09	17.98	18.03	19			3	3
17.94	17.99	17.92	19			6	0

LTE Band 5 Ant 1							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
20450	20525	20600	Channel				
829	836.5	844	Frequency (MHz)				
23.00	23.30	23.13	24	QPSK	10MHz	1	0
23.11	23.14	23.06	24			1	24
23.18	23.25	23.15	24			1	49
22.00	22.30	22.26	23			25	0
22.05	22.09	22.26	23			25	12
22.04	22.24	22.08	23			25	25
22.23	22.25	22.08	23			50	0
22.12	22.07	22.15	23	16QAM		1	0
22.02	22.05	22.26	23			1	24
22.25	22.03	22.15	23			1	49
21.03	21.25	21.16	22			25	0
21.05	21.23	21.16	22			25	12
21.17	21.08	21.21	22			25	25
21.29	21.25	21.03	22			50	0
21.01	21.13	21.03	22	64QAM		1	0
21.20	21.12	21.01	22			1	24
21.19	21.30	21.28	22			1	49
20.07	20.17	20.06	21			25	0
20.04	20.23	20.10	21			25	12
20.12	20.17	20.24	21			25	25
20.10	20.25	20.22	21			50	0
18.14	18.28	18.24	19	256QAM		1	0
18.19	18.24	18.23	19			1	24
18.30	18.17	18.15	19			1	49
18.07	18.13	18.28	19			25	0
18.05	18.01	18.15	19			25	12
18.06	18.00	18.16	19			25	25
18.22	18.17	18.01	19			50	0

LTE Band 5 Ant 1							
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	Frequency (MHz)				
23.19	23.28	23.29	24	QPSK	5MHz	1	0
22.97	23.08	23.13	24			1	12
23.00	23.28	23.01	24			1	24
22.20	22.18	22.15	23			12	0
22.13	22.07	22.00	23			12	6
22.10	22.15	21.97	23			12	13
21.96	22.23	22.15	23			25	0
21.90	22.10	21.94	23	16QAM		1	0
22.22	22.04	21.98	23			1	12
21.99	22.10	22.27	23			1	24
21.15	21.16	21.10	22			12	0
21.26	21.03	21.18	22			12	6
21.00	21.22	21.16	22			12	13
21.28	21.28	21.29	22			25	0
20.96	21.28	20.94	22	64QAM		1	0
21.13	21.11	21.18	22			1	12
21.23	21.23	21.20	22			1	24
20.11	20.26	20.09	21			12	0
20.13	19.91	20.16	21			12	6
20.17	20.20	20.11	21			12	13
19.98	20.15	20.11	21			25	0
17.90	18.05	18.15	19	256QAM		1	0
18.17	18.22	18.24	19			1	12
17.94	17.99	17.93	19			1	24
18.00	17.99	17.99	19			12	0
18.07	17.94	17.97	19			12	6
18.04	18.12	18.06	19			12	13
18.15	17.98	18.24	19			25	0

LTE Band 5 Ant 1							
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	Frequency (MHz)				
22.95	22.97	23.11	24	QPSK	3MHz	1	0
22.97	23.28	23.06	24			1	7
23.25	23.29	23.27	24			1	14
22.12	22.30	22.30	23			8	0
22.01	21.95	22.01	23			8	3
21.97	22.15	22.21	23			8	7
22.09	22.09	22.26	23			15	0
22.10	22.24	22.22	23	16QAM		1	0
22.07	22.25	22.18	23			1	7
22.13	21.94	21.96	23			1	14
21.26	20.98	21.27	22			8	0
21.10	21.27	21.28	22			8	3
20.97	21.22	21.06	22			8	7
21.01	20.96	21.08	22			15	0
21.12	20.91	21.02	22	64QAM	1	0	
21.20	20.97	21.02	22		1	7	
21.07	21.04	21.21	22		1	14	
20.06	20.23	20.29	21		8	0	
19.93	20.16	20.14	21		8	3	
20.22	19.90	19.91	21		8	7	
20.14	20.29	19.92	21		15	0	
18.06	18.25	17.90	19	256QAM	1	0	
18.25	18.21	18.13	19		1	7	
18.13	18.21	18.13	19		1	14	
18.12	18.12	17.91	19		8	0	
17.95	18.01	17.95	19		8	3	
17.95	17.97	18.07	19		8	7	
18.13	17.96	18.18	19		15	0	

LTE Band 5 Ant 1							
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	Frequency (MHz)				
23.26	23.07	23.14	24	QPSK	1.4MHz	1	0
23.20	23.01	23.13	24			1	2
23.21	23.17	23.01	24			1	5
23.15	23.01	22.95	24			3	0
23.06	22.94	23.14	24			3	1
23.17	22.96	23.24	24			3	3
22.12	22.11	22.06	23			6	0
22.21	21.91	21.94	23	16QAM		1	0
21.97	22.09	22.16	23			1	2
22.05	22.02	22.27	23			1	5
22.13	22.27	22.03	23			3	0
22.08	22.29	21.94	23			3	1
21.93	22.27	22.00	23			3	3
20.95	21.19	20.91	22			6	0
21.11	21.26	21.11	22	64QAM		1	0
21.00	21.28	21.26	22			1	2
21.07	21.01	21.29	22			1	5
21.14	21.21	21.10	22			3	0
21.08	20.93	21.04	22			3	1
20.92	21.13	21.04	22			3	3
20.17	20.10	20.25	21			6	0
18.15	17.99	18.09	19	256QAM		1	0
17.91	18.22	18.22	19			1	2
17.93	18.12	18.16	19			1	5
18.04	18.03	18.29	19			3	0
18.26	17.99	18.16	19			3	1
18.11	18.09	18.09	19			3	3
18.08	17.95	18.24	19			6	0



LTE Band 7 Ant 1							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
20850	21100	21350	Channel				
2510	2535	2560	Frequency (MHz)				
23.14	23.29	23.20	24	QPSK	20MHz	1	0
23.08	23.18	23.04	24			1	49
23.24	23.22	23.28	24			1	99
22.04	22.28	22.10	23			50	0
22.26	22.35	22.03	23			50	25
22.23	22.09	22.22	23			50	50
22.13	22.30	22.25	23			100	0
22.04	22.23	22.20	23	16QAM		1	0
22.23	22.13	22.01	23			1	49
22.11	22.03	22.09	23			1	99
21.15	21.18	21.26	22			50	0
21.29	21.11	21.20	22			50	25
21.16	21.09	21.27	22			50	50
21.16	21.06	21.29	22			100	0
21.22	21.19	21.22	22	64QAM		1	0
21.28	21.30	21.11	22			1	49
21.19	21.20	21.07	22			1	99
20.18	20.20	20.24	21			50	0
20.17	20.17	20.21	21			50	25
20.30	20.14	20.07	21			50	50
20.10	20.16	20.30	21			100	0
18.11	18.10	18.22	19	256QAM		1	0
18.15	18.06	18.01	19			1	49
18.11	18.19	18.12	19			1	99
18.24	18.07	18.25	19			50	0
18.21	18.29	18.28	19			50	25
18.09	18.29	18.14	19			50	50
18.14	18.30	18.29	19			100	0

LTE Band 7 Ant 1							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
20825	21100	21375	Channel				
2507.5	2535	2562.5	Frequency (MHz)				
23.12	22.94	22.97	24	QPSK	15MHz	1	0
23.13	22.97	23.01	24			1	37
23.02	23.16	23.20	24			1	74
22.04	22.03	22.10	23			36	0
22.16	22.11	22.18	23			36	19
22.17	22.01	22.16	23			36	39
21.90	22.11	22.06	23			75	0
21.90	22.12	21.90	23	16QAM		1	0
22.16	22.01	22.09	23			1	37
22.09	22.13	21.93	23			1	74
21.09	21.04	20.92	22			36	0
21.13	21.09	20.95	22			36	19
21.16	20.92	21.06	22			36	39
20.91	21.02	21.05	22			75	0
20.95	21.05	21.08	22	64QAM		1	0
20.99	21.12	21.12	22			1	37
21.13	20.98	20.93	22			1	74
20.18	20.05	20.14	21			36	0
19.94	19.90	20.10	21			36	19
19.93	20.18	19.90	21			36	39
20.19	20.10	19.96	21			75	0
17.99	18.08	18.12	19	256QAM		1	0
18.13	17.94	18.01	19			1	37
18.11	18.12	17.95	19			1	74
18.20	18.20	17.98	19			36	0
18.07	18.18	17.92	19			36	19
17.94	18.13	18.13	19			36	39
17.91	18.02	17.94	19			75	0

LTE Band 7 Ant 1								
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset	
20800	21100	21400	Channel					
2505	2535	2565	Frequency (MHz)					
23.20	23.15	23.19	24	QPSK	10MHz	1	0	
23.09	22.98	22.92	24			1	24	
22.91	23.09	23.13	24			1	49	
22.13	22.20	21.91	23			25	0	
21.91	22.01	21.95	23			25	12	
21.92	22.18	22.05	23			25	25	
22.17	22.14	22.02	23			50	0	
21.93	22.14	22.20	23			1	0	
21.91	22.18	22.18	23	16QAM		1	24	
22.10	22.17	22.13	23			1	49	
20.93	21.01	21.15	22			25	0	
20.96	20.97	21.02	22			25	12	
21.11	21.13	21.13	22			25	25	
21.07	21.15	21.20	22			50	0	
20.98	21.00	20.91	22			64QAM	1	0
20.96	20.90	21.17	22				1	24
20.90	21.10	21.08	22	1			49	
20.20	19.93	19.98	21	25			0	
20.02	20.18	19.96	21	25			12	
20.20	20.01	19.90	21	25			25	
20.01	19.99	19.90	21	50			0	
18.05	17.96	18.18	19	256QAM			1	0
17.94	17.92	18.04	19			1	24	
17.99	18.16	18.15	19			1	49	
17.94	18.10	17.97	19		25	0		
17.96	17.97	17.99	19		25	12		
18.03	17.90	18.01	19		25	25		
18.10	18.09	18.18	19		50	0		

LTE Band 7 Ant 1							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
20775	21100	21425	Channel				
2502.5	2535	2567.5	Frequency (MHz)				
22.91	23.15	23.09	24	QPSK	5MHz	1	0
23.06	22.90	23.18	24			1	12
22.95	23.20	23.14	24			1	24
22.10	22.03	21.97	23			12	0
21.97	21.90	22.07	23			12	6
21.93	22.09	22.16	23			12	13
22.04	22.01	22.13	23			25	0
22.03	22.20	21.94	23	16QAM		1	0
22.13	22.14	21.94	23			1	12
21.92	21.92	21.94	23			1	24
20.99	21.02	21.15	22			12	0
21.15	21.02	21.13	22			12	6
20.95	21.03	21.03	22			12	13
21.15	20.99	21.05	22			25	0
21.13	20.97	20.93	22	64QAM		1	0
21.12	20.94	21.06	22			1	12
21.11	20.98	21.05	22			1	24
19.99	19.91	20.11	21			12	0
20.06	20.13	19.96	21			12	6
20.02	19.93	20.01	21			12	13
20.00	19.95	20.13	21			25	0
18.00	18.06	18.15	19	256QAM		1	0
17.96	18.04	17.93	19			1	12
18.19	18.20	17.92	19			1	24
18.07	18.04	18.03	19			12	0
17.99	17.93	18.05	19			12	6
18.07	17.95	18.07	19			12	13
18.10	18.16	17.99	19			25	0

LTE Band 12 Ant 1							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
23060	23095	23130	Channel				
704	707.5	711	Frequency (MHz)				
23.23	23.38	23.21	24	QPSK	10MHz	1	0
23.24	23.20	23.20	24			1	24
23.23	23.26	23.31	24			1	49
22.36	22.81	22.34	23			25	0
22.79	22.70	22.51	23			25	12
22.34	22.53	22.64	23			25	25
22.58	22.82	22.63	23			50	0
22.30	22.32	22.32	23	16QAM		1	0
22.32	22.31	22.30	23			1	24
22.21	22.28	22.33	23			1	49
21.97	21.53	21.68	22			25	0
21.64	21.65	21.64	22			25	12
21.54	21.63	21.55	22			25	25
21.96	21.55	21.82	22			50	0
21.24	21.35	21.18	22	64QAM		1	0
21.31	21.31	21.38	22			1	24
21.13	21.15	21.18	22			1	49
20.25	20.21	20.29	21			25	0
20.37	20.27	20.25	21			25	12
20.23	20.37	20.13	21			25	25
20.38	20.12	20.31	21			50	0
18.29	18.32	18.20	19	256QAM		1	0
18.26	18.31	18.30	19			1	24
18.37	18.40	18.20	19			1	49
18.29	18.34	18.36	19			25	0
18.12	18.21	18.21	19			25	12
18.15	18.32	18.18	19			25	25
18.12	18.13	18.27	19			50	0

LTE Band 12 Ant 1							
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	Frequency (MHz)				
23.00	22.98	23.01	24	QPSK	5MHz	1	0
23.06	23.19	23.13	24			1	12
22.95	23.03	23.00	24			1	24
22.15	21.92	22.01	23			12	0
22.14	22.17	22.13	23			12	6
22.02	22.20	22.01	23			12	13
22.07	22.17	22.12	23			25	0
22.08	21.91	21.91	23	16QAM		1	0
22.04	22.11	22.18	23			1	12
22.09	22.08	22.01	23			1	24
21.13	21.08	20.92	22			12	0
21.17	20.96	20.98	22			12	6
20.96	21.15	21.01	22			12	13
20.98	21.05	20.90	22			25	0
21.19	20.92	21.04	22	64QAM		1	0
20.96	20.93	21.07	22			1	12
21.08	21.09	21.00	22			1	24
20.07	19.99	20.10	21			12	0
20.20	20.02	20.04	21			12	6
19.99	20.10	20.10	21			12	13
20.19	20.02	20.03	21			25	0
17.98	17.94	17.97	19	256QAM		1	0
18.03	18.03	18.02	19			1	12
17.95	18.06	18.02	19			1	24
18.00	18.08	18.06	19			12	0
17.99	17.95	18.19	19			12	6
18.00	18.02	17.92	19			12	13
18.05	18.15	18.17	19			25	0

LTE Band 12 Ant 1							
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	Frequency (MHz)				
23.06	22.99	23.14	24	QPSK	3MHz	1	0
23.02	22.93	23.20	24			1	7
22.92	23.02	22.98	24			1	14
22.03	22.02	21.94	23			8	0
22.14	22.14	22.06	23			8	3
21.96	22.03	21.95	23			8	7
21.98	22.18	22.09	23			15	0
22.04	22.18	22.09	23	16QAM		1	0
22.20	22.14	22.07	23			1	7
22.04	21.90	22.00	23			1	14
21.01	21.12	21.05	22			8	0
21.13	20.97	20.95	22			8	3
21.20	21.20	21.10	22			8	7
20.91	21.06	21.19	22			15	0
21.04	20.98	21.06	22	64QAM		1	0
20.98	20.93	21.17	22			1	7
21.12	20.93	21.04	22			1	14
19.92	20.15	20.07	21			8	0
20.14	20.03	20.05	21			8	3
20.11	20.17	20.06	21			8	7
20.10	20.12	20.03	21			15	0
18.16	18.19	17.90	19	256QAM		1	0
18.08	17.93	18.14	19			1	7
18.08	18.20	18.00	19			1	14
17.94	18.07	17.99	19			8	0
17.90	17.90	17.95	19			8	3
18.08	18.06	18.13	19			8	7
17.95	18.17	17.99	19			15	0

LTE Band 12 Ant 1							
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	Frequency (MHz)				
23.01	23.20	22.90	24	QPSK	1.4MHz	1	0
22.99	23.17	23.16	24			1	2
23.08	23.06	22.94	24			1	5
23.11	23.12	22.95	24			3	0
22.99	22.97	23.13	24			3	1
22.98	23.18	22.98	24			3	3
21.98	22.04	22.19	23			6	0
22.06	22.12	22.04	23	16QAM		1	0
21.99	22.11	21.90	23			1	2
22.04	22.10	22.11	23			1	5
21.92	21.98	21.95	23			3	0
22.01	21.95	21.97	23			3	1
21.96	22.06	22.00	23			3	3
20.95	20.96	20.95	22			6	0
21.03	21.06	20.90	22	64QAM		1	0
21.13	21.02	21.08	22			1	2
21.14	20.93	21.18	22			1	5
21.05	21.04	21.19	22			3	0
20.96	20.90	21.15	22			3	1
21.04	20.90	20.95	22			3	3
19.94	19.98	20.12	21			6	0
18.10	17.92	18.04	19	256QAM		1	0
18.19	18.01	17.98	19			1	2
18.19	18.10	18.08	19			1	5
18.20	18.14	18.09	19			3	0
17.94	18.16	17.93	19			3	1
18.10	18.02	18.16	19			3	3
18.07	18.13	18.11	19			6	0



LTE Band 13 Ant 1						
Maximum Average Power (dBm)		Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
23230		Channel				
782		Frequency (MHz)				
	23.37	24	QPSK	10MHz	1	0
	23.27	24			1	24
	23.32	24			1	49
	22.96	23			25	0
	22.71	23			25	12
	22.57	23			25	25
	22.84	23			50	0
	22.73	23	16QAM		1	0
	22.84	23			1	24
	22.75	23			1	49
	21.76	22			25	0
	21.56	22			25	12
	21.88	22			25	25
	21.68	22			50	0
	21.81	22	64QAM		1	0
	21.88	22			1	24
	21.91	22			1	49
	20.81	21			25	0
	20.72	21			25	12
	20.72	21			25	25
	20.58	21			50	0
	18.98	19	256QAM		1	0
	18.61	19			1	24
	18.99	19			1	49
	19.00	19			25	0
	18.84	19			25	12
	18.66	19			25	25
	18.55	19			50	0

LTE Band 13 Ant 1							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
23205	23230	23255	Channel				
779.5	782	784.5	Frequency (MHz)				
23.00	22.91	22.98	24	QPSK	5MHz	1	0
22.99	23.04	22.92	24			1	12
22.94	22.99	23.09	24			1	24
22.07	21.90	22.20	23			12	0
21.95	22.20	22.14	23			12	6
22.07	22.06	21.92	23			12	13
21.98	22.18	22.13	23			25	0
22.11	21.95	21.98	23	16QAM		1	0
22.19	21.94	22.01	23			1	12
22.09	21.99	22.04	23			1	24
20.93	21.18	20.96	22			12	0
21.16	20.97	20.97	22			12	6
21.09	21.16	21.13	22			12	13
21.04	21.17	21.19	22			25	0
21.04	21.06	21.07	22	64QAM		1	0
21.01	20.97	20.95	22			1	12
20.97	20.99	20.99	22			1	24
19.94	20.01	19.94	21			12	0
19.98	19.91	19.99	21			12	6
20.01	20.15	20.15	21			12	13
19.97	20.01	20.16	21			25	0
17.95	17.99	17.94	19	256QAM		1	0
17.99	18.18	18.18	19			1	12
18.05	18.12	17.91	19			1	24
18.02	18.02	18.20	19			12	0
18.09	17.94	17.93	19			12	6
17.99	18.06	17.98	19			12	13
17.95	18.15	18.16	19			25	0

LTE Band 14 Ant 1						
Maximum Average Power (dBm)		Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
23330		Channel				
793		Frequency (MHz)				
	23.38	24	QPSK	10MHz	1	0
	23.29	24			1	24
	23.26	24			1	49
	22.85	23			25	0
	22.78	23			25	12
	22.65	23			25	25
	22.57	23			50	0
	22.35	23	16QAM		1	0
	22.22	23			1	24
	22.23	23			1	49
	21.90	22			25	0
	21.89	22			25	12
	21.75	22			25	25
	21.94	22			50	0
	21.31	22	64QAM		1	0
	21.37	22			1	24
	21.33	22			1	49
	20.88	21			25	0
	21.00	21			25	12
	20.60	21			25	25
	20.63	21			50	0
	18.31	19	256QAM		1	0
	18.20	19			1	24
	18.21	19			1	49
	18.84	19			25	0
	18.71	19			25	12
	18.81	19			25	25
	18.70	19			50	0

LTE Band 14 Ant 1							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
23305	23330	23355	Channel				
790.5	793	795.5	Frequency (MHz)				
23.02	23.08	23.19	24	QPSK	5MHz	1	0
22.93	23.06	22.93	24			1	12
23.10	23.02	23.20	24			1	24
22.17	21.98	22.08	23			12	0
21.95	22.06	22.03	23			12	6
22.08	22.13	21.96	23			12	13
22.15	22.20	22.15	23			25	0
21.98	22.10	22.03	23	16QAM		1	0
22.20	22.08	22.20	23			1	12
21.91	22.07	21.96	23			1	24
21.00	21.09	20.90	22			12	0
21.06	21.14	21.18	22			12	6
20.95	20.97	20.94	22			12	13
21.06	21.02	21.00	22			25	0
20.97	20.93	21.09	22	64QAM		1	0
20.95	20.99	20.95	22			1	12
21.20	21.05	20.94	22			1	24
20.13	20.12	20.17	21			12	0
20.17	20.15	20.16	21			12	6
20.09	20.05	20.09	21			12	13
19.90	19.95	20.13	21			25	0
18.19	18.19	18.19	19	256QAM		1	0
18.10	18.18	18.09	19			1	12
18.12	17.93	17.97	19			1	24
18.15	18.09	18.03	19			12	0
18.15	17.93	18.15	19			12	6
18.07	18.05	17.98	19			12	13
18.19	18.00	18.07	19			25	0

LTE Band 25 Ant 1							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
26140	26365	26590	Channel				
1860	1882.5	1905	Frequency (MHz)				
23.38	23.32	23.22	24	QPSK	20MHz	1	0
23.37	23.33	23.33	24			1	49
23.36	23.36	23.24	24			1	99
22.96	22.74	22.66	23			50	0
22.92	22.56	22.65	23			50	25
22.80	22.69	22.95	23			50	50
22.97	22.55	22.68	23			100	0
22.33	22.26	22.20	23	16QAM		1	0
22.29	22.25	22.20	23			1	49
22.23	22.28	22.27	23			1	99
21.73	21.70	21.82	22			50	0
21.91	21.86	21.67	22			50	25
21.78	21.70	21.52	22			50	50
21.97	21.65	21.93	22			100	0
21.36	21.40	21.32	22	64QAM		1	0
21.28	21.26	21.35	22			1	49
21.30	21.20	21.25	22			1	99
20.91	20.78	20.72	21			50	0
20.92	20.55	20.66	21			50	25
20.89	20.91	20.73	21			50	50
20.87	20.60	20.99	21			100	0
18.34	18.29	18.29	19	256QAM		1	0
18.29	18.33	18.24	19			1	49
18.20	18.32	18.36	19			1	99
18.54	18.74	19.00	19			50	0
18.99	18.59	18.54	19			50	25
18.75	18.79	18.93	19			50	50
18.67	18.66	18.89	19			100	0

LTE Band 25 Ant 1							
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	Frequency (MHz)				
23.02	22.94	23.01	24	QPSK	15MHz	1	0
22.92	23.17	23.08	24			1	37
22.90	22.93	23.17	24			1	74
21.90	22.17	22.13	23			36	0
22.15	21.96	21.91	23			36	19
22.04	21.95	22.04	23			36	39
21.99	22.04	22.02	23			75	0
21.96	21.90	21.92	23	16QAM		1	0
22.04	22.17	22.11	23			1	37
22.04	22.17	22.12	23			1	74
21.07	21.13	20.92	22			36	0
21.08	20.96	21.12	22			36	19
20.94	20.95	21.19	22			36	39
21.12	21.15	21.19	22			75	0
21.20	20.91	20.91	22	64QAM		1	0
20.99	21.19	21.15	22			1	37
20.97	21.02	20.93	22			1	74
19.99	20.13	20.04	21			36	0
19.99	19.92	19.97	21			36	19
19.97	20.13	20.01	21			36	39
20.09	20.06	19.98	21			75	0
18.06	17.99	18.02	19	256QAM		1	0
18.11	17.92	18.10	19			1	37
18.01	17.99	17.97	19			1	74
18.20	18.15	17.98	19			36	0
18.17	18.18	17.96	19			36	19
17.98	17.92	18.18	19			36	39
17.99	17.99	18.12	19			75	0

LTE Band 25 Ant 1							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
26090	26365	26640	Channel				
1855	1882.5	1910	Frequency (MHz)				
23.13	22.98	23.00	24	QPSK	10MHz	1	0
23.19	23.05	22.91	24			1	24
23.00	23.02	23.16	24			1	49
22.18	21.90	22.02	23			25	0
22.00	22.07	21.98	23			25	12
21.99	22.12	21.94	23			25	25
22.06	22.03	22.00	23			50	0
21.98	21.91	22.02	23	16QAM		1	0
21.92	21.97	22.15	23			1	24
22.06	21.95	22.06	23			1	49
20.93	21.18	20.98	22			25	0
21.07	21.06	20.99	22			25	12
21.02	21.05	21.19	22			25	25
21.08	20.90	21.04	22			50	0
20.97	20.99	20.94	22	64QAM		1	0
21.09	21.11	21.11	22			1	24
20.92	21.03	21.16	22			1	49
19.96	19.90	19.98	21			25	0
19.94	19.96	19.98	21			25	12
20.17	20.13	20.04	21			25	25
20.02	20.19	20.16	21			50	0
17.99	17.91	17.91	19	256QAM		1	0
17.92	18.06	18.12	19			1	24
18.19	17.96	18.00	19			1	49
17.91	17.93	18.02	19			25	0
18.03	17.91	18.04	19			25	12
18.02	17.94	17.97	19			25	25
18.15	17.93	18.20	19			50	0

LTE Band 25 Ant 1							
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	Frequency (MHz)				
23.13	22.98	23.00	24	QPSK	5MHz	1	0
23.19	23.05	22.91	24			1	12
23.00	23.02	23.16	24			1	24
22.18	21.90	22.02	23			12	0
22.00	22.07	21.98	23			12	6
21.99	22.12	21.94	23			12	13
22.06	22.03	22.00	23			25	0
21.98	21.91	22.02	23	16QAM		1	0
21.92	21.97	22.15	23			1	12
22.06	21.95	22.06	23			1	24
20.93	21.18	20.98	22			12	0
21.07	21.06	20.99	22			12	6
21.02	21.05	21.19	22			12	13
21.08	20.90	21.04	22			25	0
20.97	20.99	20.94	22	64QAM		1	0
21.09	21.11	21.11	22			1	12
20.92	21.03	21.16	22			1	24
19.96	19.90	19.98	21			12	0
19.94	19.96	19.98	21			12	6
20.17	20.13	20.04	21			12	13
20.02	20.19	20.16	21			25	0
17.99	17.91	17.91	19	256QAM		1	0
17.92	18.06	18.12	19			1	12
18.19	17.96	18.00	19			1	24
17.91	17.93	18.02	19			12	0
18.03	17.91	18.04	19			12	6
18.02	17.94	17.97	19			12	13
18.15	17.93	18.20	19			25	0



LTE Band 25 Ant 1							
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	Frequency (MHz)				
23.16	22.94	22.99	24	QPSK	3MHz	1	0
23.07	23.03	22.99	24			1	7
22.95	22.95	22.98	24			1	14
22.05	22.14	22.17	23			8	0
21.99	22.19	22.17	23			8	3
22.12	21.95	22.12	23			8	7
22.01	22.10	22.13	23			15	0
22.01	21.97	22.18	23	16QAM		1	0
22.19	21.99	21.97	23			1	7
22.17	22.16	22.11	23			1	14
21.20	21.11	20.97	22			8	0
20.95	20.94	21.07	22			8	3
21.07	20.92	21.13	22			8	7
21.13	21.13	21.05	22			15	0
21.17	21.02	21.00	22	64QAM		1	0
21.13	21.16	21.00	22			1	7
21.15	21.13	21.20	22			1	14
20.15	19.97	20.13	21			8	0
20.03	20.01	20.07	21			8	3
20.14	20.04	20.14	21			8	7
20.16	19.98	20.14	21			15	0
18.14	18.01	17.91	19	256QAM		1	0
17.94	17.92	17.98	19			1	7
18.16	18.15	17.96	19			1	14
17.90	18.10	18.14	19			8	0
17.95	17.91	17.94	19			8	3
18.06	17.97	17.97	19			8	7
18.01	18.02	17.91	19			15	0

LTE Band 25 Ant 1							
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	Frequency (MHz)				
23.20	23.12	23.08	24	QPSK	1.4MHz	1	0
22.99	22.93	23.15	24			1	2
22.92	23.07	22.96	24			1	5
22.96	23.13	23.06	24			3	0
23.18	23.10	23.09	24			3	1
23.06	23.18	23.06	24			3	3
22.09	22.16	22.12	23			6	0
22.06	22.20	22.09	23	16QAM		1	0
22.15	22.17	21.90	23			1	2
22.15	21.90	21.99	23			1	5
21.93	21.93	22.20	23			3	0
22.10	22.18	21.90	23			3	1
22.14	22.09	21.98	23			3	3
20.98	21.11	20.99	22			64QAM	6
20.92	20.98	21.11	22	1			0
20.99	20.92	20.92	22	1			2
20.95	21.14	21.11	22	1			5
21.12	21.09	21.11	22	3			0
21.01	20.91	20.93	22	3			1
21.17	21.10	21.20	22	3			3
20.01	19.94	19.98	21	256QAM		6	0
18.14	18.07	18.20	19			1	0
18.12	18.01	18.11	19			1	2
17.94	18.02	18.02	19			1	5
17.99	18.14	18.05	19			3	0
18.15	17.99	18.20	19			3	1
18.18	18.00	18.17	19			3	3
18.16	18.19	18.07	19	6		0	

LTE Band 26 Ant 1							
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	Frequency (MHz)				
23.29	23.36	23.31	24	QPSK	15MHz	1	0
23.30	23.31	23.25	24			1	37
23.26	23.21	23.21	24			1	74
22.58	22.99	22.72	23			36	0
22.62	22.94	22.70	23			36	19
22.84	22.90	22.83	23			36	39
22.67	22.88	22.73	23			75	0
22.21	22.27	22.38	23	16QAM		1	0
22.34	22.37	22.26	23			1	37
22.24	22.29	22.31	23			1	74
21.76	21.90	21.82	22			36	0
21.56	21.87	22.00	22			36	19
21.73	21.84	21.86	22			36	39
21.57	21.51	21.66	22			75	0
21.34	21.39	21.31	22	64QAM		1	0
21.40	21.25	21.25	22			1	37
21.34	21.24	21.25	22			1	74
20.66	20.82	20.81	21			36	0
20.79	20.80	20.91	21			36	19
20.50	20.65	20.73	21			36	39
20.75	20.75	20.97	21			75	0
18.29	18.21	18.39	19	256QAM		1	0
18.33	18.22	18.30	19			1	37
18.22	18.26	18.27	19			1	74
18.79	18.72	18.74	19			36	0
18.94	18.67	18.99	19			36	19
18.78	18.74	18.80	19			36	39
18.63	18.91	18.58	19			75	0

LTE Band 26 Ant 1							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
26740	26865	26990	Channel				
819	831.5	844	Frequency (MHz)				
23.10	23.05	23.04	24	QPSK	10MHz	1	0
23.03	23.22	22.98	24			1	24
23.05	23.26	23.20	24			1	49
22.10	22.07	22.02	23			25	0
22.21	21.97	22.01	23			25	12
22.20	22.04	22.02	23			25	25
22.19	22.04	22.20	23			50	0
22.01	22.27	21.94	23	16QAM		1	0
22.10	22.21	22.24	23			1	24
21.90	22.09	21.93	23			1	49
21.04	21.08	21.07	22			25	0
21.21	21.00	20.94	22			25	12
21.05	21.27	20.97	22			25	25
21.08	21.17	21.14	22			50	0
21.03	20.96	20.97	22	64QAM		1	0
21.19	21.15	20.91	22			1	24
21.23	21.08	21.11	22			1	49
20.17	20.24	20.00	21			25	0
20.01	20.02	20.25	21			25	12
20.14	20.14	20.04	21			25	25
20.13	19.93	20.10	21			50	0
18.11	18.25	17.95	19	256QAM		1	0
18.02	18.23	18.26	19			1	24
18.25	18.13	18.29	19			1	49
18.06	18.10	18.09	19			25	0
18.10	18.16	18.23	19			25	12
18.00	18.13	18.25	19			25	25
18.28	18.18	17.92	19			50	0

LTE Band 26 Ant 1							
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	Frequency (MHz)				
23.20	23.13	23.29	24	QPSK	5MHz	1	0
23.03	22.94	23.13	24			1	12
23.16	23.26	23.23	24			1	24
22.05	21.90	22.14	23			12	0
22.25	22.07	22.08	23			12	6
22.22	22.15	21.97	23			12	13
21.99	21.90	22.27	23			25	0
22.26	22.28	21.94	23	16QAM		1	0
21.93	21.91	22.13	23			1	12
22.29	22.13	22.01	23			1	24
20.92	21.27	21.00	22			12	0
20.97	21.10	20.97	22			12	6
20.98	20.93	21.02	22			12	13
21.01	20.93	21.13	22			25	0
21.00	21.10	21.22	22	64QAM		1	0
20.90	21.09	21.15	22			1	12
21.10	21.08	21.18	22			1	24
20.23	20.22	20.19	21			12	0
20.19	20.28	20.15	21			12	6
19.90	20.14	20.03	21			12	13
20.27	20.14	19.95	21			25	0
18.11	18.20	18.08	19	256QAM		1	0
18.27	18.19	18.08	19			1	12
18.14	17.90	18.25	19			1	24
18.16	18.30	18.08	19			12	0
18.20	18.08	18.10	19			12	6
17.90	17.95	18.19	19			12	13
18.01	18.18	18.08	19			25	0

LTE Band 26 Ant 1							
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	Frequency (MHz)				
23.02	23.14	22.91	24	QPSK	3MHz	1	0
23.21	23.26	23.18	24			1	7
23.14	23.19	23.04	24			1	14
22.25	22.30	22.09	23			8	0
21.90	21.93	22.04	23			8	3
21.93	21.97	22.19	23			8	7
22.07	22.29	21.92	23			15	0
22.21	21.92	22.11	23	16QAM		1	0
22.02	22.16	22.01	23			1	7
22.26	22.24	22.18	23			1	14
21.26	20.98	21.07	22			8	0
21.16	21.26	21.21	22			8	3
21.13	21.25	20.99	22			8	7
21.29	20.95	21.26	22			15	0
21.27	21.17	21.01	22	64QAM		1	0
21.17	21.27	21.12	22			1	7
21.07	21.20	21.03	22			1	14
20.20	20.14	20.17	21			8	0
20.14	20.24	20.11	21			8	3
20.04	20.07	20.24	21			8	7
20.08	20.29	19.96	21			15	0
17.95	18.11	18.29	19	256QAM		1	0
18.30	18.00	18.30	19			1	7
17.94	18.00	18.08	19			1	14
17.94	18.28	18.22	19			8	0
18.29	17.96	18.21	19			8	3
18.05	18.30	18.04	19			8	7
17.92	18.18	18.02	19			15	0

LTE Band 26 Ant 1							
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	Frequency (MHz)				
22.99	23.05	23.12	24	QPSK	1.4MHz	1	0
23.28	23.28	23.08	24			1	2
22.97	23.20	23.12	24			1	5
23.26	23.01	23.11	24			3	0
22.97	22.93	23.24	24			3	1
23.23	23.15	23.02	24			3	3
22.16	22.25	21.96	23			6	0
22.19	21.90	22.24	23	16QAM		1	0
22.27	21.97	22.07	23			1	2
21.97	22.13	22.07	23			1	5
22.06	22.26	22.19	23			3	0
22.00	22.14	22.23	23			3	1
22.07	22.04	21.90	23			3	3
20.92	21.09	21.28	22			6	0
21.26	20.99	21.24	22	64QAM		1	0
21.01	21.14	21.29	22			1	2
21.09	21.04	21.01	22			1	5
21.29	21.05	21.17	22			3	0
21.23	21.03	21.29	22			3	1
21.00	21.27	21.14	22			3	3
20.08	19.96	20.29	21			6	0
18.27	18.11	18.04	19	256QAM		1	0
18.16	18.21	18.00	19			1	2
18.22	18.00	17.96	19			1	5
18.22	17.98	18.09	19			3	0
18.02	18.15	18.17	19			3	1
18.28	18.19	18.18	19			3	3
18.17	18.22	18.16	19			6	0

LTE Band 30 Ant 1					
Maximum Average Power (dBm)	Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
27710	Channel				
2310	Frequency (MHz)				
23.36	23.5	QPSK	10MHz	1	0
23.24	23.5			1	24
23.12	23.5			1	49
22.21	22.5			25	0
22.19	22.5			25	12
22.15	22.5			25	25
22.11	22.5			50	0
22.17	22.5	16QAM		1	0
22.20	22.5			1	24
22.18	22.5			1	49
21.19	21.5			25	0
21.13	21.5			25	12
21.19	21.5			25	25
21.17	21.5			50	0
21.20	21.5	64QAM		1	0
21.17	21.5			1	24
21.14	21.5			1	49
20.12	20.5			25	0
20.12	20.5			25	12
20.14	20.5			25	25
20.11	20.5			50	0
18.19	18.5	256QAM		1	0
18.11	18.5			1	24
18.13	18.5			1	49
18.16	18.5			25	0
18.10	18.5			25	12
18.20	18.5			25	25
18.16	18.5			50	0



LTE Band 30 Ant 1							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
27685	27710	27735	Channel				
2307.5	2310	2312.5	Frequency (MHz)				
23.35	23.31	23.30	23.5	QPSK	5MHz	1	0
23.22	23.29	23.33	23.5			1	12
23.14	23.28	23.23	23.5			1	24
22.13	22.18	22.15	22.5			12	0
22.12	22.12	22.16	22.5			12	6
22.18	22.11	22.16	22.5			12	13
22.12	22.15	22.15	22.5			25	0
22.11	22.16	22.16	22.5	16QAM		1	0
22.14	22.18	22.10	22.5			1	12
22.14	22.16	22.18	22.5			1	24
21.16	21.10	21.14	21.5			12	0
21.12	21.15	21.11	21.5			12	6
21.14	21.16	21.12	21.5			12	13
21.14	21.11	21.10	21.5			25	0
21.17	21.16	21.19	21.5	64QAM		1	0
21.19	21.13	21.18	21.5			1	12
21.15	21.12	21.20	21.5			1	24
20.12	20.20	20.12	20.5			12	0
20.15	20.14	20.11	20.5			12	6
20.15	20.14	20.16	20.5			12	13
20.18	20.16	20.12	20.5			25	0
18.18	18.18	18.14	18.5	256QAM		1	0
18.12	18.10	18.14	18.5			1	12
18.12	18.15	18.17	18.5			1	24
18.14	18.13	18.20	18.5			12	0
18.17	18.13	18.12	18.5			12	6
18.17	18.14	18.11	18.5			12	13
18.11	18.20	18.17	18.5			25	0

LTE Band 38 Ant 1							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
37850	38000	38150	Channel				
2580	2595	2610	Frequency (MHz)				
23.02	23.12	23.05	24	QPSK	20MHz	1	0
22.98	22.91	22.89	24			1	49
22.96	22.95	22.97	24			1	99
22.51	23.00	22.93	23			50	0
22.95	22.71	22.82	23			50	25
22.68	22.78	22.54	23			50	50
22.62	22.99	22.80	23			100	0
22.20	22.25	22.33	23	16QAM		1	0
22.37	22.39	22.26	23			1	49
22.31	22.37	22.36	23			1	99
21.74	21.97	21.97	22			50	0
21.80	21.78	21.98	22			50	25
21.55	21.66	21.65	22			50	50
21.59	21.84	21.57	22			100	0
21.30	21.39	21.21	22	64QAM		1	0
21.32	21.40	21.21	22			1	49
21.31	21.36	21.28	22			1	99
20.73	20.53	20.79	21			50	0
20.76	20.69	20.98	21			50	25
20.98	20.55	20.89	21			50	50
20.99	20.76	20.61	21			100	0
18.21	18.27	18.37	19	256QAM		1	0
18.25	18.30	18.26	19			1	49
18.37	18.25	18.40	19			1	99
18.78	18.69	18.95	19			50	0
18.91	18.79	18.51	19			50	25
18.83	18.65	18.83	19			50	50
18.87	18.74	18.57	19			100	0

LTE Band 38 Ant 1							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
37825	38000	38175	Channel				
2577.5	2595	2612.5	Frequency (MHz)				
22.95	22.91	22.94	24	QPSK	15MHz	1	0
22.98	22.98	22.97	24			1	37
22.97	22.95	22.95	24			1	74
21.97	22.00	21.95	23			36	0
21.95	21.99	21.90	23			36	19
21.91	21.91	21.99	23			36	39
22.00	21.98	21.92	23			75	0
22.00	22.00	21.91	23	16QAM		1	0
21.94	21.93	21.97	23			1	37
21.96	21.98	21.95	23			1	74
20.96	21.00	21.00	22			36	0
20.94	20.91	20.99	22			36	19
20.90	20.97	20.93	22			36	39
20.97	20.95	20.97	22			75	0
20.96	20.92	20.92	22	64QAM		1	0
20.96	20.92	20.96	22			1	37
20.97	20.98	20.94	22			1	74
19.98	19.95	19.95	21			36	0
19.99	19.92	19.99	21			36	19
19.95	19.91	19.99	21			36	39
19.90	19.98	19.99	21			75	0
17.99	17.96	17.95	19	256QAM		1	0
17.93	17.91	17.90	19			1	37
17.90	17.92	17.91	19			1	74
17.90	17.97	17.93	19			36	0
17.90	17.92	17.97	19			36	19
17.99	17.93	17.96	19			36	39
17.97	17.95	17.97	19			75	0

LTE Band 38 Ant 1							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
37800	38000	38200	Channel				
2575	2595	2615	Frequency (MHz)				
22.98	22.91	22.90	24	QPSK	10MHz	1	0
22.92	22.98	22.94	24			1	24
22.92	22.98	22.90	24			1	49
21.94	21.95	21.90	23			25	0
22.00	21.91	21.90	23			25	12
21.93	21.98	21.98	23			25	25
22.00	21.95	21.96	23			50	0
21.92	21.92	21.99	23	16QAM		1	0
22.00	21.91	21.90	23			1	24
21.91	21.96	21.92	23			1	49
20.97	20.93	20.90	22			25	0
21.00	20.97	20.95	22			25	12
20.98	20.91	20.95	22			25	25
20.93	20.95	20.93	22			50	0
20.96	21.00	20.93	22	64QAM		1	0
20.92	20.93	20.97	22			1	24
20.95	20.91	20.96	22			1	49
19.96	19.96	19.91	21			25	0
19.92	19.93	19.98	21			25	12
19.90	19.90	19.92	21			25	25
19.95	19.91	19.95	21			50	0
17.97	17.95	17.96	19	256QAM		1	0
17.93	17.97	17.96	19			1	24
17.96	17.92	17.91	19			1	49
17.94	17.98	17.96	19			25	0
17.91	17.92	17.96	19			25	12
17.95	17.98	17.96	19			25	25
17.97	17.95	17.95	19			50	0

LTE Band 38 Ant 1							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
37775	38000	38225	Channel				
2572.5	2595	2617.5	Frequency (MHz)				
22.93	22.92	22.90	24	QPSK	5MHz	1	0
22.94	22.94	22.98	24			1	12
22.93	22.94	22.98	24			1	24
21.91	21.94	21.98	23			12	0
21.91	21.95	22.00	23			12	6
21.90	21.91	21.96	23			12	13
21.97	21.97	21.95	23			25	0
21.99	21.95	21.96	23	16QAM		1	0
21.91	21.95	21.96	23			1	12
21.99	21.94	22.00	23			1	24
20.96	20.91	20.96	22			12	0
20.96	21.00	20.99	22			12	6
20.90	20.95	21.00	22			12	13
20.99	20.92	20.94	22			25	0
20.99	20.90	20.91	22	64QAM		1	0
20.98	20.97	20.95	22			1	12
20.96	20.93	20.98	22			1	24
20.00	19.95	20.00	21			12	0
20.00	19.99	19.90	21			12	6
19.91	19.95	20.00	21			12	13
19.91	19.91	19.90	21			25	0
17.93	17.98	17.94	19	256QAM		1	0
17.93	17.96	17.96	19			1	12
17.99	17.94	17.96	19			1	24
17.90	17.93	18.00	19			12	0
17.96	17.94	17.91	19			12	6
17.90	17.91	17.94	19			12	13
17.91	17.92	17.93	19			25	0

LTE Band 40 Ant 1							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
38750	39150	39550	Channel				
2310	2350	2390	Frequency (MHz)				
23.38	23.16	23.11	24	QPSK	20MHz	1	0
23.09	23.07	23.02	24			1	49
23.02	23.00	22.95	24			1	99
22.74	22.73	22.68	23			50	0
22.72	22.71	22.66	23			50	25
22.71	22.69	22.64	23			50	50
22.18	22.16	22.11	23			100	0
22.12	22.10	22.05	23	16QAM		1	0
22.11	22.09	22.04	23			1	49
22.07	22.05	22.00	23			1	99
21.42	21.40	21.35	22			50	0
21.39	21.37	21.32	22			50	25
21.37	21.35	21.30	22			50	50
20.87	20.85	20.80	22			100	0
21.20	21.18	21.13	22	64QAM		1	0
21.26	21.24	21.19	22			1	49
21.17	21.15	21.10	22			1	99
20.36	20.34	20.28	21			50	0
20.43	20.41	20.36	21			50	25
20.40	20.40	20.33	21			50	50
20.08	20.06	20.01	21			100	0
18.75	18.73	18.68	19	256QAM		1	0
18.59	18.60	18.52	19			1	49
18.56	18.54	18.49	19			1	99
18.76	18.74	18.69	19			50	0
18.73	18.71	18.66	19			50	25
18.72	18.70	18.65	19			50	50
18.55	18.53	18.48	19			100	0

LTE Band 40-Low Ant 0							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
38725	39150	39575	Channel				
2307.5	2350	2392.5	Frequency (MHz)				
23.16	23.14	23.09	24	QPSK	15MHz	1	0
23.07	23.05	23.00	24			1	37
23.00	22.98	22.93	24			1	74
22.73	22.71	22.66	23			36	0
22.70	22.69	22.64	23			36	19
22.69	22.67	22.62	23			36	39
22.16	22.14	22.09	23			75	0
22.10	22.08	22.03	23	16QAM		1	0
22.09	22.07	22.02	23			1	37
22.05	22.03	21.98	23			1	74
21.40	21.38	21.33	22			36	0
21.37	21.35	21.30	22			36	19
21.35	21.33	21.28	22			36	39
20.85	20.83	20.78	22			75	0
21.18	21.16	21.11	22	64QAM		1	0
21.24	21.22	21.17	22			1	37
21.15	21.13	21.08	22			1	74
20.34	20.32	20.26	21			36	0
20.41	20.39	20.34	21			36	19
20.38	20.38	20.31	21			36	39
20.06	20.04	19.99	21			75	0
18.73	18.71	18.66	19	256QAM		1	0
18.57	18.58	18.50	19			1	37
18.54	18.52	18.47	19			1	74
18.74	18.72	18.67	19			36	0
18.71	18.69	18.64	19			36	19
18.70	18.68	18.63	19			36	39
18.53	18.51	18.46	19			75	0

LTE Band 40-Low Ant 0							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
38700	39150	39600	Channel				
2305	2350	2395	Frequency (MHz)				
23.13	23.11	23.06	24	QPSK	10MHz	1	0
23.04	23.02	22.97	24			1	24
22.97	22.95	22.90	24			1	49
22.70	22.68	22.63	23			25	0
22.67	22.66	22.61	23			25	12
22.66	22.64	22.59	23			25	25
22.13	22.11	22.06	23			50	0
22.07	22.05	22.00	23	16QAM		1	0
22.06	22.04	21.99	23			1	24
22.02	22.00	21.95	23			1	49
21.37	21.35	21.30	22			25	0
21.34	21.32	21.27	22			25	12
21.32	21.30	21.25	22			25	25
20.82	20.80	20.75	22			50	0
21.15	21.13	21.08	22	64QAM		1	0
21.21	21.19	21.14	22			1	24
21.12	21.10	21.05	22			1	49
20.31	20.29	20.23	21			25	0
20.38	20.36	20.31	21			25	12
20.35	20.35	20.28	21			25	25
20.03	20.01	19.96	21			50	0
18.70	18.68	18.63	19	256QAM		1	0
18.54	18.55	18.47	19			1	24
18.51	18.49	18.44	19			1	49
18.71	18.69	18.64	19			25	0
18.68	18.66	18.61	19			25	12
18.67	18.65	18.60	19			25	25
18.50	18.48	18.43	19			50	0



LTE Band 40-Low Ant 0							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
38675	39150	39625	Channel				
2302.5	2350	2397.5	Frequency (MHz)				
23.09	23.07	23.02	24	QPSK	5MHz	1	0
23.00	22.98	22.93	24			1	12
22.93	22.91	22.86	24			1	24
22.66	22.64	22.59	23			12	0
22.63	22.62	22.57	23			12	6
22.62	22.60	22.55	23			12	13
22.09	22.07	22.02	23			25	0
22.03	22.01	21.96	23	16QAM		1	0
22.02	22.00	21.95	23			1	12
21.98	21.96	21.91	23			1	24
21.33	21.31	21.26	22			12	0
21.30	21.28	21.23	22			12	6
21.28	21.26	21.21	22			12	13
20.78	20.76	20.71	22			25	0
21.11	21.09	21.04	22	64QAM		1	0
21.17	21.15	21.10	22			1	12
21.08	21.06	21.01	22			1	24
20.27	20.25	20.19	21			12	0
20.34	20.32	20.27	21			12	6
20.31	20.31	20.24	21			12	13
19.99	19.97	19.92	21			25	0
18.66	18.64	18.59	19	256QAM		1	0
18.50	18.51	18.43	19			1	12
18.47	18.45	18.40	19			1	24
18.67	18.65	18.60	19			12	0
18.64	18.62	18.57	19			12	6
18.63	18.61	18.56	19			12	13
18.46	18.44	18.39	19			25	0

LTE Band 41 Ant 1									
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	Frequency (MHz)				
23.35	23.24	23.49	23.33	23.29	24	QPSK	20MHz	1	0
23.23	23.21	23.33	23.39	23.35	24			1	49
23.28	23.28	23.28	23.29	23.46	24			1	99
21.95	22.08	21.95	22.10	22.91	23			50	0
22.07	21.96	22.30	22.11	22.07	23			50	25
22.26	22.18	22.13	22.13	22.05	23			50	50
21.90	21.93	22.00	21.93	22.12	23			100	0
22.18	21.95	22.25	22.25	22.12	23	16QAM		1	0
22.02	22.04	22.19	22.13	21.95	23			1	49
22.01	21.96	22.11	22.28	22.27	23			1	99
21.20	21.25	21.25	20.96	21.13	22			50	0
21.17	21.25	21.26	20.96	20.98	22			50	25
21.15	21.24	20.94	21.05	21.22	22			50	50
21.10	21.18	21.18	21.11	21.26	22			100	0
20.90	21.20	20.92	20.93	20.91	22	64QAM		1	0
20.91	21.22	21.22	21.01	21.27	22			1	49
21.04	21.05	21.03	21.10	21.04	22			1	99
20.23	20.10	20.18	20.18	19.99	21			50	0
19.96	20.26	20.15	20.16	20.01	21			50	25
20.14	19.91	20.16	20.11	20.27	21			50	50
19.97	20.03	20.21	20.13	20.00	21			100	0
18.25	18.21	17.94	18.26	18.13	19	256QAM		1	0
18.29	18.02	18.11	18.11	18.12	19			1	49
18.11	18.27	18.26	18.16	18.06	19			1	99
18.28	18.17	18.21	18.14	18.16	19			50	0
18.15	18.19	18.22	18.09	18.16	19			50	25
18.06	18.04	18.13	18.01	18.26	19			50	50
18.02	18.23	18.01	18.21	18.11	19			100	0

LTE Band 41 Ant 1									
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	Frequency (MHz)				
23.23	23.22	23.24	23.27	23.35	24	QPSK	15MHz	1	0
23.08	23.24	23.07	22.99	23.13	24			1	37
23.16	23.27	23.11	23.20	23.08	24			1	74
21.92	22.10	22.20	22.28	22.15	23			36	0
21.94	22.30	22.20	22.29	22.01	23			36	19
22.04	22.21	22.10	21.95	22.17	23			36	39
22.29	21.92	22.02	21.90	22.16	23			75	0
22.18	22.16	22.28	22.29	22.02	23	16QAM		1	0
21.98	22.03	22.05	21.94	22.05	23			1	37
21.95	22.07	22.08	22.08	22.29	23			1	74
21.02	21.10	21.12	21.01	21.25	22			36	0
20.93	21.24	21.26	21.09	20.96	22			36	19
21.14	21.05	21.09	21.20	21.02	22			36	39
21.17	21.09	21.00	21.08	21.09	22			75	0
21.20	21.06	20.94	21.01	21.24	22	64QAM		1	0
21.13	21.04	21.23	21.02	21.25	22			1	37
21.14	21.13	21.24	21.09	21.29	22			1	74
20.05	20.09	20.01	19.96	20.02	21			36	0
19.99	20.23	20.03	20.19	19.98	21			36	19
20.13	20.00	20.09	19.94	19.95	21			36	39
20.15	20.23	20.00	20.08	20.30	21			75	0
18.11	18.00	17.97	18.18	18.29	19	256QAM		1	0
18.00	18.25	18.14	18.29	17.92	19			1	37
18.02	17.91	18.11	18.14	18.16	19			1	74
18.03	18.27	17.91	18.29	18.07	19			36	0
18.17	18.29	18.04	18.22	18.13	19			36	19
17.90	18.20	17.98	18.20	18.01	19			36	39
18.25	18.11	18.17	18.12	17.95	19			75	0

LTE Band 41 Ant 1									
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	Frequency (MHz)				
23.16	23.24	23.20	23.23	23.15	24	QPSK	10MHz	1	0
23.09	23.07	22.95	23.15	23.29	24			1	24
23.21	23.28	23.14	23.25	23.01	24			1	49
22.18	21.94	22.00	22.10	21.90	23			25	0
22.00	22.08	22.08	22.06	22.04	23			25	12
21.91	22.10	22.03	21.92	21.91	23			25	25
22.09	22.03	22.10	22.06	22.14	23			50	0
22.19	22.06	22.21	22.03	22.20	23	1		0	
22.15	22.06	22.12	22.22	21.93	23	1		24	
21.90	21.90	22.13	21.95	22.21	23	1		49	
21.25	21.16	21.11	21.25	21.04	22	25		0	
21.24	21.00	21.24	21.18	21.20	22	25		12	
21.13	21.18	21.22	20.97	21.25	22	25		25	
21.10	20.96	20.91	20.95	20.91	22	50		0	
21.11	21.21	21.15	21.08	21.08	22	1	0		
20.94	21.04	21.08	21.06	21.10	22	1	24		
20.91	21.22	20.95	20.99	21.21	22	1	49		
20.06	19.92	19.90	19.90	20.12	21	25	0		
19.96	20.05	20.25	20.07	20.11	21	25	12		
20.24	20.02	20.00	20.14	19.99	21	25	25		
19.92	19.96	19.92	19.94	20.00	21	50	0		
18.07	18.09	17.90	18.02	17.94	19	1	0		
18.10	18.11	18.15	18.05	18.07	19	1	24		
18.18	18.17	18.11	18.06	18.03	19	1	49		
18.15	17.95	18.15	18.25	18.25	19	25	0		
18.08	17.97	18.06	18.04	18.07	19	25	12		
17.94	17.98	18.16	18.16	17.94	19	25	25		
18.21	18.09	18.01	17.94	18.22	19	50	0		

LTE Band 41 Ant 1									
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	Frequency (MHz)				
22.94	23.16	23.28	23.02	22.98	24	QPSK	5MHz	1	0
23.11	22.94	23.07	23.01	23.10	24			1	12
23.14	23.27	23.17	22.94	23.17	24			1	24
22.22	22.01	21.98	22.04	22.05	23			12	0
21.97	22.28	21.99	22.09	22.02	23			12	6
22.24	22.23	22.26	22.21	22.23	23			12	13
22.17	22.00	22.16	21.90	22.20	23			25	0
22.01	22.24	22.21	22.15	21.96	23	16QAM		1	0
21.92	22.07	22.19	21.95	22.23	23			1	12
22.12	22.26	22.02	21.98	22.30	23			1	24
21.12	21.03	20.93	21.05	20.92	22			12	0
21.18	21.10	21.06	21.12	21.06	22			12	6
21.28	21.17	20.90	20.96	21.23	22			12	13
21.03	20.93	20.91	21.14	20.98	22			25	0
21.21	20.99	21.07	20.94	21.16	22	64QAM		1	0
20.99	21.12	20.92	20.91	21.02	22			1	12
20.92	21.01	21.30	20.92	21.15	22			1	24
20.03	20.04	20.06	20.20	20.01	21			12	0
20.23	20.25	20.15	20.01	20.30	21			12	6
20.04	20.11	19.94	20.29	19.98	21			12	13
20.03	20.04	20.21	20.06	20.30	21			25	0
18.02	17.93	17.90	18.12	18.12	19	256QAM		1	0
18.10	18.26	18.20	18.15	18.23	19			1	12
18.08	17.94	17.90	18.22	18.17	19			1	24
18.22	18.20	17.96	18.12	18.24	19			12	0
18.23	17.97	18.18	18.25	18.27	19			12	6
18.15	18.13	17.92	18.04	18.11	19			12	13
18.19	18.15	18.11	18.23	18.25	19			25	0

LTE Band 66 Ant 1							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
132072	132322	132572	Channel				
1720	1745	1770	Frequency (MHz)				
23.34	23.40	23.28	23.5	QPSK	20MHz	1	0
23.13	23.15	23.17	23.5			1	49
23.24	23.15	23.17	23.5			1	99
22.21	22.22	22.20	22.5			50	0
22.10	22.13	22.13	22.5			50	25
22.15	22.18	22.14	22.5			50	50
22.11	22.20	22.13	22.5			100	0
22.20	22.11	22.17	22.5	16QAM		1	0
22.11	22.12	22.15	22.5			1	49
22.19	22.17	22.13	22.5			1	99
21.17	21.11	21.15	21.5			50	0
21.17	21.19	21.13	21.5			50	25
21.20	21.14	21.13	21.5			50	50
21.11	21.18	21.18	21.5			100	0
21.18	21.13	21.18	21.5	64QAM		1	0
21.11	21.18	21.17	21.5			1	49
21.20	21.14	21.16	21.5			1	99
20.17	20.20	20.14	20.5			50	0
20.20	20.15	20.20	20.5			50	25
20.16	20.10	20.12	20.5			50	50
20.16	20.14	20.16	20.5			100	0
18.14	18.20	18.10	18.5	256QAM		1	0
18.20	18.20	18.17	18.5			1	49
18.11	18.11	18.19	18.5			1	99
18.14	18.14	18.18	18.5			50	0
18.18	18.20	18.10	18.5			50	25
18.19	18.19	18.17	18.5			50	50
18.12	18.17	18.12	18.5			100	0

LTE Band 66 Ant 1							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
132047	132322	132597	Channel				
1717.5	1745	1772.5	Frequency (MHz)				
23.34	23.31	23.31	23.5	QPSK	15MHz	1	0
23.16	23.27	23.11	23.5			1	37
23.23	23.26	23.21	23.5			1	74
22.13	22.15	22.19	22.5			36	0
22.13	22.11	22.12	22.5			36	19
22.13	22.12	22.15	22.5			36	39
22.13	22.17	22.17	22.5			75	0
22.10	22.19	22.12	22.5	16QAM		1	0
22.19	22.16	22.17	22.5			1	37
22.19	22.16	22.12	22.5			1	74
21.15	21.16	21.18	21.5			36	0
21.17	21.17	21.10	21.5			36	19
21.16	21.13	21.17	21.5			36	39
21.11	21.20	21.14	21.5			75	0
21.17	21.18	21.16	21.5	64QAM		1	0
21.19	21.12	21.19	21.5			1	37
21.19	21.18	21.14	21.5			1	74
20.15	20.20	20.20	20.5			36	0
20.14	20.18	20.17	20.5			36	19
20.11	20.11	20.16	20.5			36	39
20.14	20.15	20.14	20.5			75	0
18.16	18.19	18.16	18.5	256QAM		1	0
18.10	18.19	18.17	18.5			1	37
18.13	18.12	18.15	18.5			1	74
18.20	18.16	18.10	18.5			36	0
18.16	18.19	18.15	18.5			36	19
18.19	18.18	18.15	18.5			36	39
18.18	18.18	18.14	18.5			75	0

LTE Band 66 Ant 1							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
132022	132322	132622	Channel				
1715	1745	1775	Frequency (MHz)				
23.25	23.30	23.26	23.5	QPSK	10MHz	1	0
23.15	23.13	23.31	23.5			1	24
23.18	23.23	23.20	23.5			1	49
22.20	22.14	22.15	22.5			25	0
22.16	22.15	22.20	22.5			25	12
22.13	22.11	22.10	22.5			25	25
22.12	22.10	22.19	22.5			50	0
22.19	22.10	22.14	22.5	16QAM		1	0
22.11	22.16	22.11	22.5			1	24
22.12	22.11	22.11	22.5			1	49
21.12	21.18	21.12	21.5			25	0
21.11	21.14	21.11	21.5			25	12
21.10	21.20	21.16	21.5			25	25
21.17	21.15	21.13	21.5			50	0
21.20	21.19	21.13	21.5	64QAM		1	0
21.16	21.15	21.20	21.5			1	24
21.18	21.13	21.18	21.5			1	49
20.11	20.20	20.13	20.5			25	0
20.19	20.13	20.15	20.5			25	12
20.17	20.20	20.13	20.5			25	25
20.13	20.17	20.12	20.5			50	0
18.20	18.15	18.11	18.5	256QAM		1	0
18.15	18.13	18.20	18.5			1	24
18.15	18.19	18.17	18.5			1	49
18.20	18.16	18.18	18.5			25	0
18.11	18.14	18.20	18.5			25	12
18.12	18.20	18.18	18.5			25	25
18.18	18.13	18.12	18.5			50	0



LTE Band 66 Ant 1							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
131997	132322	132647	Channel				
1712.5	1745	1777.5	Frequency (MHz)				
23.34	23.33	23.27	23.5	QPSK	5MHz	1	0
23.30	23.18	23.11	23.5			1	12
23.22	23.11	23.29	23.5			1	24
22.16	22.10	22.11	22.5			12	0
22.18	22.19	22.17	22.5			12	6
22.20	22.12	22.12	22.5			12	13
22.17	22.18	22.20	22.5			25	0
22.15	22.20	22.17	22.5	16QAM		1	0
22.15	22.11	22.20	22.5			1	12
22.19	22.10	22.19	22.5			1	24
21.20	21.20	21.13	21.5			12	0
21.20	21.12	21.10	21.5			12	6
21.16	21.14	21.15	21.5			12	13
21.19	21.19	21.14	21.5			25	0
21.16	21.18	21.17	21.5	64QAM		1	0
21.13	21.12	21.11	21.5			1	12
21.11	21.19	21.18	21.5			1	24
20.10	20.10	20.19	20.5			12	0
20.20	20.13	20.17	20.5			12	6
20.18	20.18	20.14	20.5			12	13
20.18	20.13	20.11	20.5			25	0
18.16	18.18	18.10	18.5	256QAM		1	0
18.11	18.16	18.12	18.5			1	12
18.18	18.15	18.16	18.5			1	24
18.12	18.15	18.19	18.5			12	0
18.15	18.19	18.10	18.5			12	6
18.14	18.17	18.20	18.5			12	13
18.20	18.12	18.14	18.5			25	0

LTE Band 66 Ant 1							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
131987	132322	132657	Channel				
1711.5	1745	1778.5	Frequency (MHz)				
23.33	23.33	23.35	23.5	QPSK	3MHz	1	0
23.19	23.16	23.28	23.5			1	7
23.14	23.19	23.13	23.5			1	14
22.19	22.15	22.11	22.5			8	0
22.13	22.19	22.11	22.5			8	3
22.17	22.11	22.12	22.5			8	7
22.20	22.18	22.11	22.5			15	0
22.13	22.13	22.11	22.5	16QAM		1	0
22.11	22.13	22.19	22.5			1	7
22.11	22.11	22.11	22.5			1	14
21.13	21.18	21.10	21.5			8	0
21.20	21.10	21.15	21.5			8	3
21.15	21.18	21.14	21.5			8	7
21.14	21.15	21.20	21.5			15	0
21.19	21.12	21.11	21.5	64QAM		1	0
21.10	21.11	21.16	21.5			1	7
21.10	21.18	21.19	21.5			1	14
20.13	20.12	20.14	20.5			8	0
20.16	20.19	20.12	20.5			8	3
20.11	20.18	20.14	20.5			8	7
20.13	20.12	20.20	20.5			15	0
18.12	18.20	18.12	18.5	256QAM		1	0
18.20	18.17	18.10	18.5			1	7
18.16	18.17	18.20	18.5			1	14
18.15	18.20	18.14	18.5			8	0
18.12	18.17	18.12	18.5			8	3
18.11	18.20	18.19	18.5			8	7
18.19	18.18	18.15	18.5			15	0

LTE Band 66 Ant 1							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
131979	132322	132665	Channel				
1710.7	1745	1779.3	Frequency (MHz)				
23.28	23.34	23.31	23.5	QPSK	1.4MHz	1	0
23.33	23.19	23.21	23.5			1	2
23.28	23.28	23.14	23.5			1	5
23.11	23.18	23.20	23.5			3	0
23.11	23.16	23.11	23.5			3	1
23.16	23.20	23.12	23.5			3	3
22.19	22.13	22.19	22.5			6	0
22.12	22.15	22.13	22.5	16QAM		1	0
22.15	22.16	22.12	22.5			1	2
22.13	22.12	22.13	22.5			1	5
22.10	22.17	22.14	22.5			3	0
22.13	22.14	22.14	22.5			3	1
22.13	22.12	22.20	22.5			3	3
21.19	21.10	21.12	21.5			6	0
21.15	21.13	21.18	21.5	64QAM		1	0
21.20	21.18	21.17	21.5			1	2
21.12	21.13	21.17	21.5			1	5
21.11	21.11	21.20	21.5			3	0
21.20	21.18	21.13	21.5			3	1
21.19	21.12	21.12	21.5			3	3
20.19	20.18	20.16	20.5			6	0
18.10	18.13	18.11	18.5	256QAM		1	0
18.10	18.18	18.13	18.5			1	2
18.13	18.17	18.16	18.5			1	5
18.10	18.18	18.20	18.5			3	0
18.16	18.13	18.11	18.5			3	1
18.13	18.12	18.16	18.5			3	3
18.16	18.14	18.15	18.5			6	0

LTE Band 71 Ant 1							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
133222	133322	133372	Channel				
673	683	688	Frequency (MHz)				
23.06	23.26	23.14	24	QPSK	20MHz	1	0
22.94	23.05	23.23	24			1	49
23.02	22.95	23.21	24			1	99
22.22	22.29	22.26	23			50	0
21.97	22.06	22.16	23			50	25
21.94	22.16	22.08	23			50	50
21.91	21.97	21.92	23			100	0
22.22	22.05	22.11	23	16QAM		1	0
21.91	22.08	22.09	23			1	49
22.18	22.06	21.96	23			1	99
21.26	21.13	21.15	22			50	0
21.20	21.03	21.29	22			50	25
21.05	21.29	21.18	22			50	50
21.03	21.01	20.93	22			100	0
21.01	20.97	20.97	22	64QAM		1	0
21.21	21.18	21.14	22			1	49
21.29	21.05	21.00	22			1	99
19.95	20.14	20.17	21			50	0
20.07	20.11	20.07	21			50	25
20.06	20.01	20.25	21			50	50
20.20	19.98	19.92	21			100	0
18.00	18.13	17.90	19	256QAM		1	0
17.98	18.05	18.16	19			1	49
18.19	18.24	18.08	19			1	99
17.97	18.20	18.30	19			50	0
18.14	18.23	17.98	19			50	25
17.94	17.90	18.27	19			50	50
18.03	17.94	18.07	19			100	0

LTE Band 71 Ant 1							
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	Frequency (MHz)				
23.05	23.18	23.06	24	QPSK	15MHz	1	0
22.99	23.01	22.92	24			1	37
23.01	22.95	22.90	24			1	74
22.07	22.17	21.99	23			36	0
21.95	22.08	22.12	23			36	19
22.10	22.13	21.95	23			36	39
22.12	21.93	22.16	23			75	0
22.04	22.04	22.08	23	16QAM		1	0
22.05	21.93	22.04	23			1	37
22.18	22.17	22.09	23			1	74
21.06	20.92	21.09	22			36	0
21.09	21.19	21.15	22			36	19
20.94	21.12	21.15	22			36	39
21.11	21.08	21.18	22			75	0
20.98	21.19	21.17	22	64QAM		1	0
20.95	21.06	21.00	22			1	37
21.19	21.13	21.02	22			1	74
19.94	19.96	20.03	21			36	0
20.13	20.00	20.09	21			36	19
20.02	20.11	20.16	21			36	39
20.02	20.15	20.14	21			75	0
18.17	18.08	18.03	19	256QAM		1	0
17.93	18.13	18.18	19			1	37
17.97	18.06	18.20	19			1	74
18.19	18.02	18.10	19			36	0
18.04	18.13	17.98	19			36	19
18.05	17.98	18.01	19			36	39
17.97	18.18	18.01	19			75	0

LTE Band 71 Ant 1							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
133172	133272	133422	Channel				
668	678	693	Frequency (MHz)				
23.04	22.96	22.96	24	QPSK	10MHz	1	0
23.05	23.04	23.16	24			1	24
23.11	22.93	23.15	24			1	49
21.92	22.16	22.03	23			25	0
22.06	22.18	22.12	23			25	12
21.93	22.19	21.99	23			25	25
22.06	22.15	22.13	23			50	0
22.04	21.94	21.90	23	16QAM		1	0
22.18	21.98	22.17	23			1	24
21.92	21.94	22.18	23			1	49
21.18	21.09	20.98	22			25	0
21.20	20.92	20.99	22			25	12
20.93	20.98	21.02	22			25	25
20.90	21.16	20.95	22			50	0
21.02	20.90	20.95	22	64QAM		1	0
21.10	21.17	21.05	22			1	24
21.10	21.20	21.10	22			1	49
20.10	19.98	20.00	21			25	0
20.03	20.07	19.97	21			25	12
20.06	20.02	20.15	21			25	25
19.98	20.06	19.93	21			50	0
18.16	17.95	17.99	19	256QAM		1	0
17.95	18.12	18.17	19			1	24
18.03	18.15	17.91	19			1	49
17.92	18.08	17.90	19			25	0
18.07	18.06	17.97	19			25	12
18.03	18.14	18.20	19			25	25
17.95	18.07	18.18	19			50	0

LTE Band 71 Ant 1							
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	Frequency (MHz)				
23.14	23.18	23.10	24	QPSK	5MHz	1	0
23.20	23.15	23.03	24			1	12
23.04	23.19	23.14	24			1	24
22.14	21.95	22.11	23			12	0
21.90	21.97	22.01	23			12	6
22.10	21.92	21.98	23			12	13
22.03	22.04	21.99	23			25	0
22.00	21.91	22.17	23	16QAM		1	0
22.00	21.92	22.01	23			1	12
22.14	22.11	22.08	23			1	24
20.93	21.01	21.04	22			12	0
21.07	20.93	21.14	22			12	6
21.01	21.05	20.92	22			12	13
21.12	20.96	20.90	22			25	0
20.96	21.13	21.06	22	64QAM		1	0
21.05	21.15	20.95	22			1	12
21.11	21.10	21.15	22			1	24
19.94	20.02	19.91	21			12	0
20.08	19.92	19.96	21			12	6
19.98	20.05	20.14	21			12	13
19.90	20.03	20.13	21			25	0
17.91	18.12	18.15	19	256QAM		1	0
18.17	18.06	18.03	19			1	12
18.12	18.17	18.11	19			1	24
18.04	18.03	18.04	19			12	0
18.03	18.20	18.02	19			12	6
17.95	18.19	17.90	19			12	13
18.12	18.13	18.10	19			25	0

LTE Band 2 Ant 2							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
18700	18900	19100	Channel				
1860	1880	1900	Frequency (MHz)				
22.88	22.85	22.95	23.5	QPSK	20MHz	1	0
22.79	22.74	22.88	23.5			1	49
22.72	22.84	22.77	23.5			1	99
21.77	21.72	21.80	22.5			50	0
21.75	21.71	21.73	22.5			50	25
21.78	21.76	21.73	22.5			50	50
21.71	21.73	21.75	22.5			100	0
21.76	21.72	21.72	22.5	16QAM		1	0
21.71	21.73	21.77	22.5			1	49
21.75	21.77	21.80	22.5			1	99
20.70	20.76	20.79	21.5			50	0
20.73	20.70	20.70	21.5			50	25
20.78	20.70	20.73	21.5			50	50
20.80	20.78	20.78	21.5			100	0
20.75	20.80	20.70	21.5	64QAM		1	0
20.70	20.75	20.72	21.5			1	49
20.77	20.74	20.76	21.5			1	99
19.80	19.74	19.76	20.5			50	0
19.74	19.80	19.77	20.5			50	25
19.70	19.80	19.79	20.5			50	50
19.77	19.80	19.77	20.5			100	0
17.77	17.75	17.79	18.5	256QAM		1	0
17.71	17.79	17.70	18.5			1	49
17.71	17.71	17.71	18.5			1	99
17.77	17.75	17.70	18.5			50	0
17.73	17.74	17.79	18.5			50	25
17.77	17.72	17.70	18.5			50	50
17.79	17.76	17.74	18.5			100	0



LTE Band 2 Ant 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	Frequency (MHz)				
22.90	22.88	22.91	23.5	QPSK	15MHz	1	0
22.83	22.78	22.90	23.5			1	37
22.90	22.76	22.88	23.5			1	74
21.78	21.80	21.72	22.5			36	0
21.80	21.76	21.73	22.5			36	19
21.74	21.77	21.74	22.5			36	39
21.73	21.78	21.80	22.5			75	0
21.80	21.72	21.72	22.5	16QAM		1	0
21.78	21.77	21.73	22.5			1	37
21.75	21.72	21.79	22.5			1	74
20.74	20.76	20.75	21.5			36	0
20.71	20.75	20.70	21.5			36	19
20.79	20.70	20.79	21.5			36	39
20.80	20.76	20.75	21.5			75	0
20.80	20.76	20.72	21.5	64QAM		1	0
20.76	20.77	20.79	21.5			1	37
20.77	20.71	20.77	21.5			1	74
19.71	19.74	19.70	20.5			36	0
19.80	19.74	19.79	20.5			36	19
19.77	19.72	19.79	20.5			36	39
19.76	19.71	19.72	20.5			75	0
17.79	17.72	17.76	18.5	256QAM		1	0
17.74	17.78	17.76	18.5			1	37
17.74	17.76	17.76	18.5			1	74
17.80	17.70	17.75	18.5			36	0
17.73	17.80	17.72	18.5			36	19
17.80	17.72	17.71	18.5			36	39
17.74	17.77	17.73	18.5			75	0

LTE Band 2 Ant 2							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
18650	18900	19150	Channel				
1855	1880	1905	Frequency (MHz)				
22.90	22.90	22.85	23.5	QPSK	10MHz	1	0
22.91	22.91	22.86	23.5			1	24
22.75	22.77	22.84	23.5			1	49
21.74	21.80	21.78	22.5			25	0
21.75	21.71	21.70	22.5			25	12
21.70	21.75	21.77	22.5			25	25
21.71	21.74	21.72	22.5			50	0
21.76	21.72	21.74	22.5	16QAM		1	0
21.77	21.78	21.78	22.5			1	24
21.70	21.75	21.72	22.5			1	49
20.73	20.71	20.74	21.5			25	0
20.74	20.80	20.71	21.5			25	12
20.77	20.71	20.78	21.5			25	25
20.70	20.80	20.76	21.5			50	0
20.70	20.76	20.76	21.5	64QAM		1	0
20.72	20.75	20.80	21.5			1	24
20.70	20.79	20.72	21.5			1	49
19.76	19.72	19.77	20.5			25	0
19.71	19.78	19.75	20.5			25	12
19.73	19.78	19.79	20.5			25	25
19.77	19.73	19.79	20.5			50	0
17.70	17.80	17.80	18.5	256QAM		1	0
17.72	17.74	17.78	18.5			1	24
17.72	17.78	17.76	18.5			1	49
17.70	17.76	17.70	18.5			25	0
17.80	17.79	17.80	18.5			25	12
17.73	17.74	17.73	18.5			25	25
17.77	17.74	17.72	18.5			50	0

LTE Band 2 Ant 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	Frequency (MHz)				
22.93	22.93	22.86	23.5	QPSK	5MHz	1	0
22.86	22.84	22.80	23.5			1	12
22.72	22.81	22.76	23.5			1	24
21.79	21.72	21.80	22.5			12	0
21.77	21.75	21.77	22.5			12	6
21.73	21.75	21.72	22.5			12	13
21.76	21.72	21.79	22.5			25	0
21.74	21.79	21.74	22.5	16QAM		1	0
21.77	21.79	21.73	22.5			1	12
21.70	21.72	21.77	22.5			1	24
20.79	20.77	20.73	21.5			12	0
20.79	20.79	20.77	21.5			12	6
20.79	20.73	20.70	21.5			12	13
20.79	20.76	20.79	21.5			25	0
20.72	20.79	20.79	21.5	64QAM		1	0
20.77	20.73	20.71	21.5			1	12
20.79	20.72	20.72	21.5			1	24
19.76	19.77	19.75	20.5			12	0
19.76	19.73	19.70	20.5			12	6
19.71	19.76	19.76	20.5			12	13
19.70	19.80	19.75	20.5			25	0
17.76	17.75	17.78	18.5	256QAM		1	0
17.79	17.70	17.74	18.5			1	12
17.71	17.75	17.79	18.5			1	24
17.80	17.71	17.78	18.5			12	0
17.80	17.78	17.79	18.5			12	6
17.80	17.74	17.78	18.5			12	13
17.75	17.78	17.72	18.5			25	0

LTE Band 2 Ant 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	Frequency (MHz)				
22.93	22.94	22.88	23.5	QPSK	3MHz	1	0
22.84	22.87	22.90	23.5			1	7
22.72	22.80	22.82	23.5			1	14
21.76	21.71	21.79	22.5			8	0
21.75	21.72	21.71	22.5			8	3
21.77	21.78	21.77	22.5			8	7
21.72	21.72	21.71	22.5			15	0
21.74	21.76	21.70	22.5	16QAM		1	0
21.80	21.80	21.73	22.5			1	7
21.76	21.80	21.71	22.5			1	14
20.75	20.79	20.74	21.5			8	0
20.78	20.75	20.75	21.5			8	3
20.73	20.80	20.76	21.5			8	7
20.74	20.72	20.77	21.5			15	0
20.78	20.80	20.73	21.5	64QAM		1	0
20.76	20.71	20.71	21.5			1	7
20.79	20.77	20.71	21.5			1	14
19.75	19.72	19.76	20.5			8	0
19.70	19.72	19.71	20.5			8	3
19.75	19.77	19.73	20.5			8	7
19.74	19.78	19.72	20.5			15	0
17.73	17.80	17.79	18.5	256QAM		1	0
17.75	17.70	17.77	18.5			1	7
17.74	17.76	17.76	18.5			1	14
17.75	17.75	17.78	18.5			8	0
17.78	17.75	17.77	18.5			8	3
17.74	17.71	17.71	18.5			8	7
17.79	17.79	17.70	18.5			15	0

LTE Band 2 Ant 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	Frequency (MHz)				
22.91	22.87	22.93	23.5	QPSK	1.4MHz	1	0
22.86	22.94	22.77	23.5			1	2
22.83	22.79	22.72	23.5			1	5
22.77	22.76	22.70	23.5			3	0
22.77	22.80	22.77	23.5			3	1
22.76	22.77	22.78	23.5			3	3
21.73	21.77	21.76	22.5	16QAM		6	0
21.74	21.74	21.79	22.5			1	0
21.75	21.75	21.80	22.5			1	2
21.74	21.79	21.76	22.5			1	5
21.77	21.80	21.72	22.5			3	0
21.71	21.78	21.71	22.5			3	1
21.71	21.78	21.79	22.5	64QAM		3	3
20.77	20.72	20.80	21.5			6	0
20.74	20.77	20.79	21.5			1	0
20.71	20.80	20.78	21.5			1	2
20.75	20.76	20.71	21.5			1	5
20.78	20.72	20.70	21.5			3	0
20.71	20.75	20.76	21.5	256QAM	3	1	
20.77	20.76	20.71	21.5		3	3	
19.77	19.75	19.78	20.5		6	0	
17.70	17.76	17.73	18.5		1	0	
17.80	17.77	17.78	18.5		1	2	
17.72	17.71	17.77	18.5		1	5	
17.75	17.77	17.77	18.5	256QAM	3	0	
17.79	17.80	17.74	18.5		3	1	
17.77	17.71	17.76	18.5		3	3	
17.70	17.71	17.72	18.5		6	0	

LTE Band 4 Ant 2							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
20050	20175	20300	Channel				
1720	1732.5	1745	Frequency (MHz)				
23.28	23.38	23.36	23.5	QPSK	20MHz	1	0
23.19	23.25	23.12	23.5			1	49
23.22	23.20	23.18	23.5			1	99
22.18	22.20	22.12	22.5			50	0
22.13	22.15	22.10	22.5			50	25
22.16	22.19	22.06	22.5			50	50
22.18	22.19	22.14	22.5			100	0
22.18	22.13	22.18	22.5	16QAM		1	0
22.15	22.12	22.12	22.5			1	49
22.15	22.16	22.18	22.5			1	99
21.10	21.15	21.10	21.5			50	0
21.18	21.10	21.10	21.5			50	25
21.10	21.10	21.11	21.5			50	50
21.12	21.17	21.11	21.5			100	0
21.14	21.14	21.14	21.5	64QAM		1	0
21.19	21.12	21.13	21.5			1	49
21.10	21.12	21.15	21.5			1	99
20.15	20.15	20.17	20.5			50	0
20.15	20.19	20.13	20.5			50	25
20.13	20.16	20.15	20.5			50	50
20.10	20.20	20.10	20.5			100	0
18.12	18.16	18.15	18.5	256QAM		1	0
18.15	18.18	18.14	18.5			1	49
18.13	18.13	18.14	18.5			1	99
18.10	18.18	18.19	18.5			50	0
18.13	18.14	18.12	18.5			50	25
18.12	18.15	18.12	18.5			50	50
18.10	18.19	18.18	18.5			100	0

LTE Band 4 Ant 2							
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	Frequency (MHz)				
23.27	23.25	23.30	23.5	QPSK	15MHz	1	0
23.11	23.31	23.30	23.5			1	37
23.22	23.30	23.14	23.5			1	74
22.13	22.10	22.15	22.5			36	0
22.13	22.11	22.18	22.5			36	19
22.18	22.11	22.18	22.5			36	39
22.13	22.20	22.15	22.5			75	0
22.15	22.14	22.19	22.5	16QAM		1	0
22.10	22.11	22.20	22.5			1	37
22.19	22.13	22.16	22.5			1	74
21.13	21.10	21.19	21.5			36	0
21.17	21.20	21.16	21.5			36	19
21.15	21.15	21.18	21.5			36	39
21.12	21.15	21.19	21.5			75	0
21.20	21.13	21.10	21.5	64QAM		1	0
21.15	21.16	21.15	21.5			1	37
21.10	21.20	21.13	21.5			1	74
20.16	20.11	20.15	20.5			36	0
20.11	20.11	20.12	20.5			36	19
20.15	20.16	20.14	20.5			36	39
20.15	20.16	20.18	20.5			75	0
18.18	18.16	18.15	18.5	256QAM		1	0
18.14	18.17	18.11	18.5			1	37
18.17	18.10	18.18	18.5			1	74
18.11	18.12	18.20	18.5			36	0
18.19	18.18	18.12	18.5			36	19
18.16	18.14	18.13	18.5			36	39
18.20	18.14	18.11	18.5			75	0

LTE Band 4 Ant 2							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
20000	20175	20350	Channel				
1715	1732.5	1750	Frequency (MHz)				
23.35	23.25	23.30	23.5	QPSK	10MHz	1	0
23.15	23.15	23.30	23.5			1	24
23.18	23.12	23.24	23.5			1	49
22.19	22.19	22.16	22.5			25	0
22.16	22.10	22.13	22.5			25	12
22.18	22.10	22.19	22.5			25	25
22.15	22.18	22.15	22.5			50	0
22.17	22.15	22.13	22.5	16QAM		1	0
22.14	22.19	22.10	22.5			1	24
22.13	22.18	22.13	22.5			1	49
21.13	21.15	21.13	21.5			25	0
21.10	21.19	21.17	21.5			25	12
21.14	21.10	21.18	21.5			25	25
21.16	21.18	21.16	21.5			50	0
21.13	21.13	21.18	21.5	64QAM	1	0	
21.10	21.19	21.18	21.5		1	24	
21.19	21.16	21.12	21.5		1	49	
20.11	20.20	20.16	20.5		25	0	
20.16	20.18	20.11	20.5		25	12	
20.18	20.19	20.13	20.5		25	25	
20.15	20.14	20.13	20.5		50	0	
18.16	18.14	18.12	18.5	256QAM	1	0	
18.15	18.13	18.13	18.5		1	24	
18.15	18.13	18.13	18.5		1	49	
18.20	18.13	18.16	18.5		25	0	
18.18	18.11	18.20	18.5		25	12	
18.13	18.16	18.19	18.5		25	25	
18.10	18.18	18.10	18.5		50	0	



LTE Band 4 Ant 2							
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	Frequency (MHz)				
23.28	23.33	23.28	23.5	QPSK	5MHz	1	0
23.34	23.14	23.34	23.5			1	12
23.11	23.11	23.26	23.5			1	24
22.11	22.11	22.12	22.5			12	0
22.19	22.12	22.15	22.5			12	6
22.15	22.12	22.11	22.5			12	13
22.12	22.17	22.17	22.5			25	0
22.13	22.17	22.12	22.5	16QAM		1	0
22.16	22.14	22.13	22.5			1	12
22.12	22.16	22.19	22.5			1	24
21.19	21.14	21.20	21.5			12	0
21.20	21.17	21.19	21.5			12	6
21.18	21.13	21.18	21.5			12	13
21.12	21.11	21.10	21.5			25	0
21.17	21.15	21.15	21.5	64QAM		1	0
21.14	21.20	21.11	21.5			1	12
21.10	21.10	21.11	21.5			1	24
20.13	20.17	20.13	20.5			12	0
20.14	20.20	20.16	20.5			12	6
20.15	20.11	20.19	20.5			12	13
20.15	20.11	20.13	20.5			25	0
18.14	18.10	18.12	18.5	256QAM		1	0
18.18	18.13	18.17	18.5			1	12
18.19	18.12	18.19	18.5			1	24
18.14	18.19	18.20	18.5			12	0
18.12	18.10	18.13	18.5			12	6
18.11	18.10	18.10	18.5			12	13
18.18	18.19	18.10	18.5			25	0

LTE Band 4 Ant 2							
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	Frequency (MHz)				
23.29	23.34	23.29	23.5	QPSK	3MHz	1	0
23.20	23.28	23.20	23.5			1	7
23.10	23.24	23.17	23.5			1	14
22.10	22.12	22.19	22.5			8	0
22.20	22.19	22.14	22.5			8	3
22.20	22.15	22.20	22.5			8	7
22.10	22.11	22.17	22.5			15	0
22.19	22.19	22.12	22.5	16QAM		1	0
22.16	22.10	22.19	22.5			1	7
22.12	22.14	22.13	22.5			1	14
21.14	21.15	21.11	21.5			8	0
21.16	21.10	21.18	21.5			8	3
21.14	21.12	21.16	21.5			8	7
21.20	21.17	21.17	21.5			15	0
21.17	21.14	21.13	21.5	64QAM		1	0
21.18	21.13	21.10	21.5			1	7
21.19	21.20	21.14	21.5			1	14
20.12	20.14	20.19	20.5			8	0
20.19	20.16	20.12	20.5			8	3
20.20	20.18	20.10	20.5			8	7
20.18	20.11	20.18	20.5			15	0
18.10	18.14	18.14	18.5	256QAM		1	0
18.17	18.19	18.11	18.5			1	7
18.17	18.14	18.20	18.5			1	14
18.20	18.11	18.14	18.5			8	0
18.20	18.16	18.15	18.5			8	3
18.12	18.16	18.10	18.5			8	7
18.12	18.20	18.16	18.5			15	0

LTE Band 4 Ant 2							
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	Frequency (MHz)				
23.27	23.27	23.34	23.5	QPSK	1.4MHz	1	0
23.14	23.32	23.34	23.5			1	2
23.20	23.27	23.29	23.5			1	5
23.11	23.20	23.17	23.5			3	0
23.14	23.16	23.12	23.5			3	1
23.14	23.20	23.19	23.5			3	3
22.11	22.20	22.17	22.5			6	0
22.18	22.16	22.16	22.5	16QAM		1	0
22.19	22.16	22.16	22.5			1	2
22.12	22.12	22.16	22.5			1	5
22.10	22.16	22.18	22.5			3	0
22.15	22.17	22.16	22.5			3	1
22.13	22.15	22.18	22.5			3	3
21.14	21.15	21.11	21.5			64QAM	6
21.19	21.20	21.11	21.5	1			0
21.17	21.15	21.20	21.5	1			2
21.16	21.12	21.18	21.5	1			5
21.13	21.17	21.16	21.5	3			0
21.20	21.15	21.20	21.5	3			1
21.13	21.12	21.14	21.5	3			3
20.11	20.18	20.20	20.5	256QAM		6	0
18.20	18.19	18.15	18.5			1	0
18.13	18.20	18.17	18.5			1	2
18.18	18.10	18.13	18.5			1	5
18.19	18.18	18.15	18.5			3	0
18.10	18.19	18.11	18.5			3	1
18.20	18.16	18.19	18.5			3	3
18.13	18.13	18.12	18.5	6		0	

LTE Band 7 Ant 2							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
20850	21100	21350	Channel				
2510	2535	2560	Frequency (MHz)				
23.18	23.29	22.95	24	QPSK	20MHz	1	0
23.27	22.99	23.02	24			1	49
22.99	23.17	23.12	24			1	99
22.78	22.79	22.73	23			50	0
22.69	22.63	22.73	23			50	25
22.52	22.51	22.74	23			50	50
22.65	22.76	22.56	23			100	0
22.28	22.23	22.07	23	16QAM		1	0
21.98	21.97	21.98	23			1	49
22.26	21.91	22.07	23			1	99
21.65	21.71	21.62	22			50	0
21.51	21.70	21.77	22			50	25
21.64	21.59	21.66	22			50	50
21.63	21.74	21.62	22			100	0
21.27	21.26	20.96	22	64QAM		1	0
21.20	21.20	21.15	22			1	49
20.97	20.96	21.17	22			1	99
20.76	20.68	20.71	21			50	0
20.66	20.79	20.71	21			50	25
20.57	20.70	20.75	21			50	50
20.72	20.59	20.80	21			100	0
18.69	18.57	18.62	19	256QAM		1	0
18.66	18.55	18.56	19			1	49
18.87	18.64	18.82	19			1	99
18.74	18.74	18.58	19			50	0
18.61	18.77	18.64	19			50	25
18.52	18.53	18.72	19			50	50
18.88	18.59	18.72	19			100	0

LTE Band 7 Ant 2							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
20825	21100	21375	Channel				
2507.5	2535	2562.5	Frequency (MHz)				
23.19	22.95	22.92	24	QPSK	15MHz	1	0
23.14	23.17	22.90	24			1	37
22.96	22.96	22.94	24			1	74
22.11	22.02	21.97	23			36	0
22.01	21.93	21.97	23			36	19
22.11	22.02	21.99	23			36	39
21.92	21.94	22.00	23			75	0
22.00	21.93	21.96	23	16QAM		1	0
22.06	22.07	22.14	23			1	37
21.97	22.08	22.19	23			1	74
21.05	20.93	21.02	22			36	0
21.13	21.03	21.03	22			36	19
21.02	21.16	21.11	22			36	39
21.16	21.04	20.91	22			75	0
21.20	21.10	20.98	22	64QAM		1	0
21.20	21.15	21.09	22			1	37
20.95	20.94	20.96	22			1	74
20.10	19.93	19.93	21			36	0
20.05	20.18	20.06	21			36	19
19.98	20.00	20.04	21			36	39
19.98	19.93	19.92	21			75	0
17.95	17.98	18.19	19	256QAM		1	0
18.03	18.15	18.15	19			1	37
18.12	18.11	18.20	19			1	74
18.19	17.90	18.01	19			36	0
18.07	18.05	17.90	19			36	19
17.92	18.17	18.13	19			36	39
18.00	18.09	17.90	19			75	0

LTE Band 7 Ant 2							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
20800	21100	21400	Channel				
2505	2535	2565	Frequency (MHz)				
23.08	23.10	23.07	24	QPSK	10MHz	1	0
22.92	23.12	23.03	24			1	24
23.06	22.93	23.13	24			1	49
22.02	21.90	22.00	23			25	0
22.14	22.13	21.91	23			25	12
22.20	22.16	22.20	23			25	25
22.16	22.11	22.16	23			50	0
22.13	22.07	22.14	23	16QAM		1	0
22.00	22.07	22.09	23			1	24
22.08	22.06	21.94	23			1	49
21.13	20.97	21.10	22			25	0
20.96	21.08	20.93	22			25	12
21.15	21.19	21.06	22			25	25
21.05	21.15	20.98	22			50	0
21.16	21.06	20.97	22	64QAM		1	0
20.93	21.08	21.11	22			1	24
20.95	21.14	20.92	22			1	49
20.12	20.02	19.94	21			25	0
20.09	20.08	19.98	21			25	12
20.18	20.16	19.91	21			25	25
19.91	20.15	19.98	21			50	0
17.95	18.12	18.02	19	256QAM		1	0
17.95	18.07	17.98	19			1	24
18.02	18.19	17.96	19			1	49
18.17	17.92	17.91	19			25	0
18.16	18.19	17.96	19			25	12
18.00	18.20	18.09	19			25	25
17.93	18.05	18.04	19			50	0

LTE Band 7 Ant 2							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
20775	21100	21425	Channel				
2502.5	2535	2567.5	Frequency (MHz)				
23.17	22.94	22.97	24	QPSK	5MHz	1	0
23.06	23.10	22.92	24			1	12
23.11	23.11	23.18	24			1	24
21.93	21.97	22.20	23			12	0
22.06	22.07	21.90	23			12	6
22.03	21.90	22.02	23			12	13
22.00	22.07	22.05	23			25	0
21.98	21.98	22.11	23	16QAM		1	0
21.95	22.04	22.12	23			1	12
22.07	21.97	21.98	23			1	24
20.94	20.91	21.17	22			12	0
21.17	20.96	21.00	22			12	6
21.11	21.13	20.93	22			12	13
21.08	20.91	21.12	22			25	0
21.13	21.15	20.92	22	64QAM		1	0
20.92	20.98	21.07	22			1	12
21.03	21.10	21.11	22			1	24
20.10	20.10	20.19	21			12	0
20.17	20.16	19.91	21			12	6
19.99	20.02	20.13	21			12	13
20.18	20.00	20.07	21			25	0
17.93	18.00	17.90	19	256QAM		1	0
18.01	18.02	18.18	19			1	12
18.06	17.97	18.16	19			1	24
18.05	18.12	18.00	19			12	0
18.06	18.16	18.00	19			12	6
17.93	18.05	17.97	19			12	13
17.95	18.08	18.13	19			25	0

LTE Band 25 Ant 2							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
26140	26365	26590	Channel				
1860	1882.5	1905	Frequency (MHz)				
22.87	22.83	22.79	23.5	QPSK	20MHz	1	0
22.79	22.66	22.71	23.5			1	49
22.74	22.60	22.75	23.5			1	99
21.72	21.68	21.60	22.5			50	0
21.63	21.69	21.65	22.5			50	25
21.55	21.60	21.63	22.5			50	50
21.65	21.60	21.64	22.5			100	0
21.66	21.64	21.66	22.5	16QAM		1	0
21.67	21.70	21.62	22.5			1	49
21.66	21.66	21.67	22.5			1	99
20.69	20.66	20.67	21.5			50	0
20.68	20.69	20.60	21.5			50	25
20.61	20.70	20.64	21.5			50	50
20.61	20.61	20.60	21.5			100	0
20.66	20.60	20.67	21.5	64QAM		1	0
20.62	20.67	20.63	21.5			1	49
20.69	20.70	20.61	21.5			1	99
19.62	19.69	19.68	20.5			50	0
19.66	19.62	19.64	20.5			50	25
19.66	19.66	19.69	20.5			50	50
19.65	19.63	19.60	20.5			100	0
17.67	17.65	17.63	18.5	256QAM		1	0
17.70	17.65	17.70	18.5			1	49
17.61	17.67	17.70	18.5			1	99
17.60	17.66	17.70	18.5			50	0
17.69	17.60	17.67	18.5			50	25
17.62	17.67	17.64	18.5			50	50
17.67	17.67	17.70	18.5			100	0



LTE Band 25 Ant 2							
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	Frequency (MHz)				
22.85	22.78	22.85	23.5	QPSK	15MHz	1	0
22.82	22.69	22.81	23.5			1	37
22.65	22.66	22.67	23.5			1	74
21.65	21.69	21.61	22.5			36	0
21.67	21.63	21.64	22.5			36	19
21.62	21.68	21.66	22.5			36	39
21.63	21.61	21.64	22.5			75	0
21.64	21.60	21.67	22.5	16QAM		1	0
21.60	21.65	21.60	22.5			1	37
21.68	21.66	21.70	22.5			1	74
20.61	20.70	20.68	21.5			36	0
20.64	20.64	20.60	21.5			36	19
20.69	20.67	20.60	21.5			36	39
20.70	20.64	20.65	21.5			75	0
20.66	20.69	20.69	21.5	64QAM		1	0
20.67	20.61	20.61	21.5			1	37
20.61	20.61	20.63	21.5			1	74
19.61	19.60	19.66	20.5			36	0
19.64	19.67	19.68	20.5			36	19
19.63	19.65	19.65	20.5			36	39
19.69	19.62	19.63	20.5			75	0
17.61	17.64	17.64	18.5	256QAM		1	0
17.67	17.64	17.67	18.5			1	37
17.60	17.63	17.64	18.5			1	74
17.69	17.68	17.66	18.5			36	0
17.69	17.64	17.67	18.5			36	19
17.65	17.63	17.60	18.5			36	39
17.64	17.61	17.62	18.5			75	0

LTE Band 25 Ant 2							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
26090	26365	26640	Channel				
1855	1882.5	1910	Frequency (MHz)				
22.84	22.81	22.83	23.5	QPSK	10MHz	1	0
22.76	22.61	22.66	23.5			1	24
22.63	22.64	22.80	23.5			1	49
21.62	21.66	21.62	22.5			25	0
21.65	21.64	21.63	22.5			25	12
21.69	21.67	21.67	22.5			25	25
21.70	21.67	21.66	22.5			50	0
21.69	21.64	21.70	22.5	16QAM		1	0
21.68	21.66	21.70	22.5			1	24
21.70	21.68	21.60	22.5			1	49
20.62	20.69	20.64	21.5			25	0
20.64	20.62	20.70	21.5			25	12
20.64	20.60	20.69	21.5			25	25
20.67	20.66	20.61	21.5			50	0
20.62	20.66	20.68	21.5	64QAM		1	0
20.68	20.60	20.68	21.5			1	24
20.68	20.64	20.67	21.5			1	49
19.60	19.60	19.61	20.5			25	0
19.61	19.61	19.65	20.5			25	12
19.63	19.64	19.70	20.5			25	25
19.60	19.62	19.69	20.5			50	0
17.64	17.68	17.67	18.5	256QAM		1	0
17.60	17.67	17.70	18.5			1	24
17.63	17.65	17.67	18.5			1	49
17.70	17.69	17.66	18.5			25	0
17.61	17.69	17.61	18.5			25	12
17.66	17.69	17.70	18.5			25	25
17.60	17.65	17.66	18.5			50	0

LTE Band 25 Ant 2							
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	Frequency (MHz)				
22.83	22.85	22.76	23.5	QPSK	5MHz	1	0
22.83	22.71	22.84	23.5			1	12
22.73	22.74	22.69	23.5			1	24
21.65	21.68	21.61	22.5			12	0
21.64	21.68	21.66	22.5			12	6
21.63	21.65	21.68	22.5			12	13
21.62	21.68	21.61	22.5			25	0
21.65	21.65	21.64	22.5	16QAM		1	0
21.60	21.66	21.62	22.5			1	12
21.69	21.64	21.64	22.5			1	24
20.65	20.67	20.64	21.5			12	0
20.64	20.62	20.62	21.5			12	6
20.62	20.67	20.62	21.5			12	13
20.68	20.70	20.62	21.5			25	0
20.70	20.69	20.66	21.5	64QAM		1	0
20.67	20.70	20.64	21.5			1	12
20.64	20.68	20.65	21.5			1	24
19.66	19.70	19.62	20.5			12	0
19.61	19.68	19.68	20.5			12	6
19.65	19.64	19.67	20.5			12	13
19.65	19.63	19.64	20.5			25	0
17.67	17.70	17.65	18.5	256QAM		1	0
17.64	17.63	17.70	18.5			1	12
17.66	17.66	17.61	18.5			1	24
17.67	17.61	17.70	18.5			12	0
17.62	17.62	17.68	18.5			12	6
17.60	17.64	17.67	18.5			12	13
17.66	17.66	17.61	18.5			25	0

LTE Band 25 Ant 2							
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	Frequency (MHz)				
22.80	22.75	22.77	23.5	QPSK	3MHz	1	0
22.76	22.64	22.84	23.5			1	7
22.77	22.77	22.64	23.5			1	14
21.65	21.70	21.63	22.5			8	0
21.60	21.68	21.67	22.5			8	3
21.69	21.61	21.64	22.5			8	7
21.62	21.62	21.62	22.5			15	0
21.60	21.60	21.65	22.5	16QAM		1	0
21.70	21.65	21.62	22.5			1	7
21.61	21.65	21.69	22.5			1	14
20.68	20.70	20.66	21.5			8	0
20.63	20.63	20.62	21.5			8	3
20.63	20.70	20.65	21.5			8	7
20.60	20.61	20.67	21.5			15	0
20.60	20.68	20.68	21.5	64QAM		1	0
20.63	20.64	20.61	21.5			1	7
20.66	20.61	20.66	21.5			1	14
19.67	19.65	19.67	20.5			8	0
19.64	19.63	19.60	20.5			8	3
19.69	19.61	19.63	20.5			8	7
19.69	19.66	19.67	20.5			15	0
17.62	17.62	17.66	18.5	256QAM		1	0
17.70	17.68	17.63	18.5			1	7
17.66	17.67	17.68	18.5			1	14
17.69	17.67	17.70	18.5			8	0
17.65	17.64	17.64	18.5			8	3
17.62	17.63	17.61	18.5			8	7
17.69	17.70	17.67	18.5			15	0

LTE Band 25 Ant 2							
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	Frequency (MHz)				
22.80	22.85	22.78	23.5	QPSK	1.4MHz	1	0
22.78	22.68	22.64	23.5			1	2
22.66	22.60	22.63	23.5			1	5
22.62	22.66	22.67	23.5			3	0
22.60	22.68	22.65	23.5			3	1
22.62	22.69	22.70	23.5			3	3
21.68	21.69	21.62	22.5			6	0
21.66	21.63	21.68	22.5	16QAM		1	0
21.68	21.65	21.68	22.5			1	2
21.66	21.63	21.61	22.5			1	5
21.69	21.69	21.62	22.5			3	0
21.66	21.69	21.63	22.5			3	1
21.64	21.62	21.68	22.5			3	3
20.64	20.69	20.60	21.5			6	0
20.67	20.66	20.68	21.5	64QAM	1	0	
20.70	20.70	20.61	21.5		1	2	
20.61	20.69	20.67	21.5		1	5	
20.66	20.66	20.60	21.5		3	0	
20.67	20.64	20.64	21.5		3	1	
20.62	20.63	20.63	21.5		3	3	
19.68	19.70	19.60	20.5		6	0	
17.70	17.65	17.67	18.5	256QAM	1	0	
17.63	17.67	17.70	18.5		1	2	
17.63	17.62	17.64	18.5		1	5	
17.67	17.66	17.70	18.5		3	0	
17.69	17.64	17.65	18.5		3	1	
17.61	17.69	17.70	18.5		3	3	
17.65	17.63	17.66	18.5		6	0	

LTE Band 30 Ant 2					
Maximum Average Power (dBm)	Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
27710	Channel				
2310	Frequency (MHz)				
23.12	24	QPSK	10MHz	1	0
23.01	24			1	24
22.97	24			1	49
22.65	23			25	0
22.58	23			25	12
22.53	23			25	25
22.73	23			50	0
22.09	23	16QAM		1	0
22.02	23			1	24
22.02	23			1	49
21.54	22			25	0
21.77	22			25	12
21.80	22			25	25
21.76	22			50	0
21.12	22	64QAM		1	0
21.22	22			1	24
21.11	22			1	49
20.54	21			25	0
20.56	21			25	12
20.74	21			25	25
20.80	21			50	0
18.74	19	256QAM		1	0
18.70	19			1	24
18.57	19			1	49
18.74	19			25	0
18.80	19			25	12
18.67	19			25	25
18.61	19			50	0

LTE Band 30 Ant 2							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
27685	27710	27735	Channel				
2307.5	2310	2312.5	Frequency (MHz)				
23.06	22.90	23.05	24	QPSK	5MHz	1	0
23.04	22.95	22.93	24			1	12
23.00	23.02	22.97	24			1	24
22.65	22.51	22.52	23			12	0
22.66	22.63	22.53	23			12	6
22.61	22.61	22.60	23			12	13
22.67	22.54	22.61	23			25	0
22.64	22.54	22.62	23	16QAM		1	0
22.66	22.53	22.54	23			1	12
22.64	22.62	22.64	23			1	24
21.65	21.53	21.58	22			12	0
21.55	21.64	21.69	22			12	6
21.64	21.56	21.58	22			12	13
21.64	21.51	21.64	22			25	0
21.57	21.68	21.51	22	64QAM		1	0
21.59	21.60	21.70	22			1	12
21.65	21.59	21.64	22			1	24
20.67	20.64	20.58	21			12	0
20.63	20.52	20.59	21			12	6
20.65	20.67	20.62	21			12	13
20.68	20.64	20.68	21			25	0
18.60	18.77	18.56	19	256QAM		1	0
18.77	18.87	18.71	19			1	12
18.91	18.77	18.84	19			1	24
18.87	18.56	18.83	19			12	0
18.66	18.67	18.75	19			12	6
18.59	18.98	18.59	19			12	13
18.84	18.54	18.57	19			25	0

LTE Band 38 Ant 2							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
37850	38000	38150	Channel				
2580	2595	2610	Frequency (MHz)				
23.15	23.21	23.06	24	QPSK	20MHz	1	0
23.03	23.10	22.97	24			1	49
22.96	23.18	23.01	24			1	99
22.78	22.80	22.69	23			50	0
22.58	22.64	22.59	23			50	25
22.62	22.52	22.53	23			50	50
22.72	22.73	22.60	23			100	0
22.25	21.90	22.29	23	16QAM		1	0
22.03	21.92	22.27	23			1	49
22.21	22.02	22.22	23			1	99
21.59	21.70	21.54	22			50	0
21.71	21.64	21.61	22			50	25
21.71	21.75	21.60	22			50	50
21.60	21.72	21.60	22			100	0
21.21	21.27	21.05	22	64QAM		1	0
21.01	20.96	21.03	22			1	49
21.21	21.01	20.91	22			1	99
20.72	20.55	20.57	21			50	0
20.74	20.75	20.75	21			50	25
20.71	20.65	20.69	21			50	50
20.68	20.56	20.71	21			100	0
18.67	18.84	18.61	19	256QAM		1	0
18.65	18.67	18.85	19			1	49
18.63	18.84	18.79	19			1	99
18.50	18.50	18.61	19			50	0
18.86	18.86	18.65	19			50	25
18.66	18.59	18.87	19			50	50
18.50	18.71	18.70	19			100	0



LTE Band 38 Ant 2							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
37825	38000	38175	Channel				
2577.5	2595	2612.5	Frequency (MHz)				
23.16	23.03	22.91	24	QPSK	15MHz	1	0
22.94	23.03	22.98	24			1	37
22.93	23.04	22.95	24			1	74
22.50	22.56	22.67	23			36	0
22.62	22.51	22.56	23			36	19
22.53	22.53	22.65	23			36	39
22.58	22.67	22.57	23			75	0
22.50	22.59	22.54	23	16QAM		1	0
22.65	22.54	22.66	23			1	37
22.70	22.58	22.58	23			1	74
21.60	21.51	21.69	22			36	0
21.61	21.63	21.66	22			36	19
21.67	21.52	21.62	22			36	39
21.70	21.64	21.56	22			75	0
21.51	21.57	21.54	22	64QAM		1	0
21.65	21.61	21.53	22			1	37
21.53	21.61	21.63	22			1	74
20.56	20.58	20.63	21			36	0
20.70	20.63	20.68	21			36	19
20.68	20.68	20.52	21			36	39
20.53	20.63	20.53	21			75	0
18.92	18.82	18.97	19	256QAM		1	0
18.87	18.91	18.87	19			1	37
18.70	18.52	18.69	19			1	74
18.93	18.87	18.70	19			36	0
18.58	18.72	18.69	19			36	19
18.92	18.70	18.55	19			36	39
18.89	18.64	18.52	19			75	0

LTE Band 38 Ant 2							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
37800	38000	38200	Channel				
2575	2595	2615	Frequency (MHz)				
23.11	23.12	23.04	24	QPSK	10MHz	1	0
23.10	23.03	23.07	24			1	24
23.06	23.13	23.00	24			1	49
22.63	22.69	22.58	23			25	0
22.50	22.57	22.52	23			25	12
22.70	22.61	22.64	23			25	25
22.51	22.52	22.61	23			50	0
22.57	22.58	22.60	23	16QAM		1	0
22.56	22.70	22.58	23			1	24
22.54	22.58	22.60	23			1	49
21.67	21.56	21.65	22			25	0
21.55	21.57	21.56	22			25	12
21.70	21.59	21.70	22			25	25
21.64	21.69	21.59	22			50	0
21.65	21.67	21.50	22	64QAM		1	0
21.66	21.56	21.51	22			1	24
21.68	21.56	21.66	22			1	49
20.57	20.70	20.63	21			25	0
20.69	20.55	20.62	21			25	12
20.51	20.55	20.56	21			25	25
20.55	20.52	20.67	21			50	0
18.65	18.83	18.68	19	256QAM		1	0
18.51	18.60	18.87	19			1	24
18.95	18.60	18.93	19			1	49
18.81	18.53	18.78	19			25	0
18.74	18.77	18.55	19			25	12
18.94	18.51	18.63	19			25	25
18.96	18.56	18.61	19			50	0

LTE Band 38 Ant 2							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
37775	38000	38225	Channel				
2572.5	2595	2617.5	Frequency (MHz)				
23.02	23.06	23.11	24	QPSK	5MHz	1	0
22.95	23.16	22.95	24			1	12
23.13	23.00	23.07	24			1	24
22.69	22.56	22.55	23			12	0
22.61	22.58	22.69	23			12	6
22.54	22.54	22.64	23			12	13
22.56	22.67	22.69	23			25	0
22.62	22.59	22.69	23	16QAM		1	0
22.61	22.68	22.63	23			1	12
22.57	22.64	22.59	23			1	24
21.50	21.68	21.55	22			12	0
21.55	21.54	21.57	22			12	6
21.67	21.54	21.65	22			12	13
21.61	21.53	21.60	22			25	0
21.50	21.63	21.52	22	64QAM		1	0
21.52	21.56	21.68	22			1	12
21.67	21.64	21.61	22			1	24
20.56	20.64	20.58	21			12	0
20.65	20.62	20.67	21			12	6
20.50	20.67	20.54	21			12	13
20.65	20.68	20.62	21			25	0
18.79	18.66	18.77	19	256QAM		1	0
18.57	18.83	18.64	19			1	12
18.96	18.94	19.00	19			1	24
18.70	18.73	18.60	19			12	0
18.62	18.68	18.82	19			12	6
18.50	18.65	18.94	19			12	13
18.95	18.90	18.81	19			25	0

LTE Band 40 Ant 2							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
38750	39150	39550	Channel				
2310	2350	2390	Frequency (MHz)				
23.26	23.15	23.18	24	QPSK	20MHz	1	0
23.17	23.06	23.09	24			1	49
23.10	22.99	23.02	24			1	99
22.83	22.72	22.75	23			50	0
22.80	22.70	22.73	23			50	25
22.79	22.68	22.72	23			50	50
22.26	22.15	22.18	23			100	0
22.20	22.09	22.12	23	16QAM		1	0
22.19	22.10	22.15	23			1	49
22.15	22.04	22.07	23			1	99
21.44	21.39	21.42	22			50	0
21.47	21.36	21.42	22			50	25
21.43	21.34	21.37	22			50	50
20.95	20.84	20.87	22			100	0
21.32	21.17	21.20	22	64QAM		1	0
21.34	21.23	21.32	22			1	49
21.26	21.14	21.17	22			1	99
20.41	20.33	20.36	21			50	0
20.51	20.40	20.43	21			50	25
20.52	20.39	20.47	21			50	50
20.16	20.05	20.08	21			100	0
18.92	18.72	18.75	19	256QAM		1	0
18.67	18.59	18.62	19			1	49
18.64	18.66	18.54	19			1	99
18.84	18.73	18.76	19			50	0
18.81	18.63	18.73	19			50	25
18.80	18.69	18.72	19			50	50
18.63	18.52	18.55	19			100	0

LTE Band 40 Ant 2							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
38725	39150	39575	Channel				
2307.5	2350	2392.5	Frequency (MHz)				
23.21	23.10	23.13	24	QPSK	15MHz	1	0
23.12	23.01	23.04	24			1	37
23.05	22.94	22.97	24			1	74
22.78	22.67	22.70	23			36	0
22.75	22.65	22.68	23			36	19
22.74	22.63	22.67	23			36	39
22.21	22.10	22.13	23			75	0
22.15	22.04	22.07	23	16QAM		1	0
22.14	22.05	22.10	23			1	37
22.10	21.99	22.02	23			1	74
21.39	21.34	21.37	22			36	0
21.42	21.31	21.37	22			36	19
21.38	21.29	21.32	22			36	39
20.90	20.79	20.82	22			75	0
21.27	21.12	21.15	22	64QAM		1	0
21.29	21.18	21.27	22			1	37
21.21	21.09	21.12	22			1	74
20.36	20.28	20.31	21			36	0
20.46	20.35	20.38	21			36	19
20.47	20.34	20.42	21			36	39
20.11	20.00	20.03	21			75	0
18.87	18.67	18.70	19	256QAM		1	0
18.62	18.54	18.57	19			1	37
18.59	18.61	18.49	19			1	74
18.79	18.68	18.71	19			36	0
18.76	18.58	18.68	19			36	19
18.75	18.64	18.67	19			36	39
18.58	18.47	18.50	19			75	0

LTE Band 40 Ant 2							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
38700	39150	39600	Channel				
2305	2350	2395	Frequency (MHz)				
23.18	23.07	23.10	24	QPSK	10MHz	1	0
23.09	22.98	23.01	24			1	24
23.02	22.91	22.94	24			1	49
22.75	22.64	22.67	23			25	0
22.72	22.62	22.65	23			25	12
22.71	22.60	22.64	23			25	25
22.18	22.07	22.10	23			50	0
22.12	22.01	22.04	23	16QAM		1	0
22.11	22.02	22.07	23			1	24
22.07	21.96	21.99	23			1	49
21.36	21.31	21.34	22			25	0
21.39	21.28	21.34	22			25	12
21.35	21.26	21.29	22			25	25
20.87	20.76	20.79	22			50	0
21.24	21.09	21.12	22	64QAM		1	0
21.26	21.15	21.24	22			1	24
21.18	21.06	21.09	22			1	49
20.33	20.25	20.28	21			25	0
20.43	20.32	20.35	21			25	12
20.44	20.31	20.39	21			25	25
20.08	19.97	20.00	21			50	0
18.84	18.64	18.67	19	256QAM		1	0
18.59	18.51	18.54	19			1	24
18.56	18.58	18.46	19			1	49
18.76	18.65	18.68	19			25	0
18.73	18.55	18.65	19			25	12
18.72	18.61	18.64	19			25	25
18.55	18.44	18.47	19			50	0

LTE Band 40 Ant 2							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
38675	39150	39625	Channel				
2302.5	2350	2397.5	Frequency (MHz)				
23.13	23.02	23.05	24	QPSK	5MHz	1	0
23.04	22.93	22.96	24			1	12
22.97	22.86	22.89	24			1	24
22.70	22.59	22.62	23			12	0
22.67	22.57	22.60	23			12	6
22.66	22.55	22.59	23			12	13
22.13	22.02	22.05	23			25	0
22.07	21.96	21.99	23	16QAM		1	0
22.06	21.97	22.02	23			1	12
22.02	21.91	21.94	23			1	24
21.31	21.26	21.29	22			12	0
21.34	21.23	21.29	22			12	6
21.30	21.21	21.24	22			12	13
20.82	20.71	20.74	22			25	0
21.19	21.04	21.07	22	64QAM		1	0
21.21	21.10	21.19	22			1	12
21.13	21.01	21.04	22			1	24
20.28	20.20	20.23	21			12	0
20.38	20.27	20.30	21			12	6
20.39	20.26	20.34	21			12	13
20.03	19.92	19.95	21			25	0
18.79	18.59	18.62	19	256QAM		1	0
18.54	18.46	18.49	19			1	12
18.51	18.53	18.41	19			1	24
18.71	18.60	18.63	19			12	0
18.68	18.50	18.60	19			12	6
18.67	18.56	18.59	19			12	13
18.50	18.39	18.42	19			25	0

LTE Band 41 Ant 2									
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	Frequency (MHz)				
23.24	23.28	23.30	23.24	23.01	24	QPSK	20MHz	1	0
23.04	23.17	23.20	23.13	23.03	24			1	49
23.25	23.16	22.97	23.12	23.00	24			1	99
22.69	22.60	22.71	22.68	22.60	23			50	0
22.66	22.65	22.67	22.66	22.61	23			50	25
22.62	22.61	22.62	22.67	22.63	23			50	50
22.55	22.63	22.62	22.56	22.58	23			100	0
22.65	22.65	22.63	22.60	22.63	23	16QAM		1	0
22.63	22.69	22.61	22.64	22.70	23			1	49
22.65	22.66	22.67	22.70	22.62	23			1	99
21.60	21.66	21.68	21.68	21.65	22			50	0
21.63	21.66	21.66	21.63	21.61	22			50	25
21.64	21.61	21.60	21.70	21.66	22			50	50
21.62	21.69	21.62	21.65	21.63	22			100	0
21.69	21.70	21.60	21.62	21.60	22	64QAM		1	0
21.68	21.67	21.67	21.70	21.66	22			1	49
21.64	21.67	21.69	21.61	21.62	22			1	99
20.63	20.65	20.64	20.64	20.65	21			50	0
20.61	20.64	20.64	20.61	20.62	21			50	25
20.62	20.61	20.64	20.66	20.69	21			50	50
20.62	20.66	20.70	20.62	20.66	21			100	0
18.60	18.69	18.62	18.60	18.63	19	256QAM		1	0
18.63	18.66	18.70	18.68	18.67	19			1	49
18.66	18.66	18.67	18.69	18.68	19			1	99
18.62	18.60	18.69	18.62	18.61	19			50	0
18.63	18.60	18.70	18.60	18.69	19			50	25
18.69	18.63	18.67	18.60	18.61	19			50	50
18.63	18.68	18.60	18.67	18.67	19			100	0



LTE Band 41 Ant 2										
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	Frequency (MHz)					
23.09	23.04	22.99	23.09	23.04	24	QPSK	15MHz	1	0	
23.04	22.90	23.10	23.18	23.03	24			1	37	
23.04	22.93	23.08	22.90	23.03	24			1	74	
22.60	22.70	22.64	22.65	22.68	23			36	0	
22.69	22.61	22.69	22.60	22.65	23			36	19	
22.61	22.64	22.66	22.70	22.67	23			36	39	
22.60	22.63	22.63	22.62	22.64	23			75	0	
22.67	22.66	22.69	22.67	22.61	23	16QAM		1	0	
22.67	22.69	22.69	22.70	22.62	23			1	37	
22.61	22.65	22.68	22.62	22.61	23			1	74	
21.60	21.63	21.61	21.70	21.62	22			36	0	
21.69	21.66	21.67	21.63	21.69	22			36	19	
21.65	21.64	21.64	21.63	21.60	22			36	39	
21.69	21.67	21.61	21.65	21.62	22			75	0	
21.61	21.69	21.63	21.64	21.68	22	64QAM	1	0		
21.65	21.68	21.60	21.67	21.61	22		1	37		
21.60	21.67	21.70	21.65	21.64	22		1	74		
20.69	20.66	20.67	20.63	20.68	21		36	0		
20.61	20.61	20.69	20.69	20.66	21		36	19		
20.67	20.65	20.61	20.62	20.70	21		36	39		
20.70	20.64	20.63	20.66	20.70	21		75	0		
18.66	18.67	18.66	18.68	18.64	19	256QAM	1	0		
18.62	18.65	18.60	18.69	18.68	19		1	37		
18.67	18.64	18.64	18.60	18.62	19		1	74		
18.69	18.69	18.66	18.67	18.61	19		36	0		
18.64	18.68	18.61	18.63	18.64	19		36	19		
18.64	18.63	18.60	18.70	18.64	19		36	39		
18.60	18.67	18.64	18.65	18.66	19		75	0		

LTE Band 41 Ant 2									
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	Frequency (MHz)				
23.11	22.90	22.95	23.20	23.16	24	QPSK	10MHz	1	0
23.12	23.15	22.95	23.13	22.94	24			1	24
22.90	23.12	23.05	22.94	23.17	24			1	49
22.68	22.69	22.70	22.69	22.69	23			25	0
22.62	22.67	22.65	22.64	22.63	23			25	12
22.70	22.66	22.67	22.67	22.69	23			25	25
22.62	22.61	22.60	22.61	22.69	23	50		0	
22.70	22.63	22.69	22.63	22.63	23	1		0	
22.66	22.66	22.68	22.60	22.68	23	1		24	
22.65	22.68	22.69	22.68	22.63	23	1		49	
21.66	21.60	21.68	21.61	21.60	22	16QAM		25	0
21.68	21.69	21.65	21.63	21.69	22			25	12
21.70	21.70	21.70	21.70	21.70	22			25	25
21.66	21.63	21.62	21.68	21.69	22			50	0
21.60	21.69	21.69	21.61	21.68	22			1	0
21.65	21.69	21.61	21.70	21.69	22			1	24
21.66	21.62	21.64	21.65	21.60	22	1		49	
20.60	20.65	20.65	20.68	20.68	21	64QAM		25	0
20.63	20.69	20.67	20.65	20.69	21		25	12	
20.60	20.61	20.69	20.67	20.69	21		25	25	
20.65	20.62	20.69	20.62	20.66	21		50	0	
18.70	18.64	18.68	18.60	18.70	19		1	0	
18.69	18.63	18.69	18.65	18.61	19		1	24	
18.67	18.70	18.65	18.68	18.65	19	1	49		
18.67	18.60	18.70	18.60	18.66	19	256QAM	25	0	
18.66	18.62	18.64	18.60	18.68	19		25	12	
18.69	18.67	18.64	18.66	18.68	19		25	25	
18.68	18.69	18.67	18.68	18.65	19		50	0	

LTE Band 41 Ant 2									
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	Frequency (MHz)				
22.93	23.07	23.08	23.20	22.94	24	QPSK	5MHz	1	0
22.95	23.14	23.00	22.97	23.12	24			1	12
22.96	23.06	23.04	23.06	22.97	24			1	24
22.63	22.64	22.60	22.70	22.67	23			12	0
22.63	22.64	22.60	22.68	22.67	23			12	6
22.70	22.69	22.67	22.70	22.68	23			12	13
22.66	22.61	22.63	22.65	22.65	23			25	0
22.61	22.70	22.64	22.61	22.65	23	16QAM		1	0
22.62	22.70	22.67	22.68	22.65	23			1	12
22.61	22.68	22.64	22.63	22.65	23			1	24
21.60	21.69	21.66	21.68	21.66	22			12	0
21.69	21.61	21.70	21.63	21.62	22			12	6
21.65	21.63	21.68	21.69	21.68	22			12	13
21.65	21.61	21.65	21.67	21.61	22			25	0
21.60	21.62	21.65	21.70	21.64	22	64QAM		1	0
21.61	21.63	21.63	21.63	21.63	22			1	12
21.69	21.60	21.64	21.60	21.64	22			1	24
20.66	20.63	20.64	20.64	20.70	21			12	0
20.69	20.70	20.60	20.69	20.67	21			12	6
20.60	20.64	20.60	20.67	20.61	21			12	13
20.69	20.65	20.68	20.68	20.62	21			25	0
18.68	18.61	18.61	18.64	18.64	19	256QAM		1	0
18.63	18.64	18.63	18.60	18.61	19			1	12
18.64	18.65	18.65	18.62	18.70	19			1	24
18.66	18.61	18.67	18.70	18.68	19			12	0
18.66	18.60	18.60	18.66	18.68	19			12	6
18.68	18.63	18.70	18.61	18.70	19			12	13
18.63	18.64	18.63	18.69	18.60	19			25	0

LTE Band 66 Ant 2							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
132072	132322	132572	Channel				
1720	1745	1770	Frequency (MHz)				
23.18	23.29	23.24	23.5	QPSK	20MHz	1	0
23.22	23.24	23.26	23.5			1	49
23.26	23.21	23.17	23.5			1	99
22.15	22.25	22.14	22.5			50	0
22.19	22.10	22.14	22.5			50	25
22.11	22.18	22.20	22.5			50	50
22.15	22.21	22.18	22.5			100	0
22.17	22.17	22.12	22.5	16QAM		1	0
22.19	22.20	22.19	22.5			1	49
22.13	22.20	22.15	22.5			1	99
21.15	21.18	21.10	21.5			50	0
21.20	21.12	21.15	21.5			50	25
21.13	21.20	21.14	21.5			50	50
21.10	21.20	21.13	21.5			100	0
21.20	21.13	21.10	21.5	64QAM		1	0
21.17	21.12	21.17	21.5			1	49
21.16	21.14	21.15	21.5			1	99
20.13	20.16	20.13	20.5			50	0
20.10	20.13	20.18	20.5			50	25
20.12	20.19	20.16	20.5			50	50
20.14	20.16	20.19	20.5			100	0
18.13	18.13	18.20	18.5	256QAM		1	0
18.16	18.10	18.10	18.5			1	49
18.15	18.11	18.20	18.5			1	99
18.18	18.14	18.11	18.5			50	0
18.20	18.17	18.17	18.5			50	25
18.12	18.15	18.16	18.5			50	50
18.20	18.20	18.16	18.5			100	0

LTE Band 66 Ant 2							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
132047	132322	132597	Channel				
1717.5	1745	1772.5	Frequency (MHz)				
23.17	23.16	23.21	23.5	QPSK	15MHz	1	0
23.19	23.20	23.23	23.5			1	37
23.11	23.11	23.25	23.5			1	74
22.15	22.12	22.19	22.5			36	0
22.10	22.20	22.12	22.5			36	19
22.15	22.15	22.16	22.5			36	39
22.17	22.16	22.11	22.5			75	0
22.13	22.18	22.18	22.5	16QAM		1	0
22.10	22.20	22.18	22.5			1	37
22.14	22.12	22.15	22.5			1	74
21.10	21.15	21.17	21.5			36	0
21.10	21.19	21.14	21.5			36	19
21.12	21.17	21.11	21.5			36	39
21.14	21.15	21.12	21.5			75	0
21.15	21.11	21.11	21.5	64QAM		1	0
21.11	21.15	21.16	21.5			1	37
21.16	21.16	21.17	21.5			1	74
20.18	20.15	20.11	20.5			36	0
20.11	20.12	20.11	20.5			36	19
20.14	20.16	20.18	20.5			36	39
20.15	20.17	20.10	20.5			75	0
18.17	18.18	18.10	18.5	256QAM		1	0
18.17	18.18	18.13	18.5			1	37
18.15	18.13	18.10	18.5			1	74
18.20	18.20	18.16	18.5			36	0
18.12	18.11	18.14	18.5			36	19
18.10	18.20	18.10	18.5			36	39
18.12	18.15	18.20	18.5			75	0

LTE Band 66 Ant 2							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
132022	132322	132622	Channel				
1715	1745	1775	Frequency (MHz)				
23.24	23.13	23.13	23.5	QPSK	10MHz	1	0
23.13	23.17	23.14	23.5			1	24
23.23	23.23	23.14	23.5			1	49
22.11	22.16	22.19	22.5			25	0
22.14	22.19	22.14	22.5			25	12
22.17	22.11	22.19	22.5			25	25
22.12	22.13	22.17	22.5			50	0
22.19	22.12	22.16	22.5	16QAM		1	0
22.12	22.17	22.20	22.5			1	24
22.15	22.20	22.11	22.5			1	49
21.19	21.13	21.11	21.5			25	0
21.12	21.17	21.18	21.5			25	12
21.13	21.17	21.15	21.5			25	25
21.16	21.12	21.12	21.5			50	0
21.14	21.19	21.16	21.5	64QAM		1	0
21.10	21.10	21.17	21.5			1	24
21.18	21.20	21.16	21.5			1	49
20.15	20.13	20.19	20.5			25	0
20.14	20.16	20.13	20.5			25	12
20.20	20.18	20.13	20.5			25	25
20.16	20.19	20.13	20.5			50	0
18.16	18.15	18.20	18.5	256QAM		1	0
18.17	18.13	18.16	18.5			1	24
18.16	18.20	18.20	18.5			1	49
18.15	18.11	18.14	18.5			25	0
18.18	18.11	18.14	18.5			25	12
18.11	18.17	18.18	18.5			25	25
18.10	18.14	18.12	18.5			50	0

LTE Band 66 Ant 2							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
131997	132322	132647	Channel				
1712.5	1745	1777.5	Frequency (MHz)				
23.17	23.15	23.13	23.5	QPSK	5MHz	1	0
23.17	23.11	23.22	23.5			1	12
23.11	23.15	23.12	23.5			1	24
22.17	22.17	22.16	22.5			12	0
22.10	22.20	22.12	22.5			12	6
22.10	22.20	22.17	22.5			12	13
22.18	22.15	22.18	22.5			25	0
22.10	22.19	22.11	22.5	16QAM		1	0
22.17	22.15	22.11	22.5			1	12
22.20	22.17	22.19	22.5			1	24
21.16	21.19	21.14	21.5			12	0
21.20	21.17	21.16	21.5			12	6
21.18	21.20	21.12	21.5			12	13
21.17	21.15	21.10	21.5			25	0
21.19	21.18	21.13	21.5	64QAM		1	0
21.12	21.10	21.14	21.5			1	12
21.11	21.19	21.13	21.5			1	24
20.11	20.11	20.10	20.5			12	0
20.16	20.19	20.10	20.5			12	6
20.13	20.16	20.10	20.5			12	13
20.13	20.12	20.11	20.5			25	0
18.19	18.18	18.13	18.5	256QAM		1	0
18.12	18.11	18.14	18.5			1	12
18.12	18.20	18.14	18.5			1	24
18.10	18.16	18.11	18.5			12	0
18.11	18.13	18.12	18.5			12	6
18.14	18.16	18.17	18.5			12	13
18.11	18.17	18.17	18.5			25	0

LTE Band 66 Ant 2							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
131987	132322	132657	Channel				
1711.5	1745	1778.5	Frequency (MHz)				
23.17	23.12	23.17	23.5	QPSK	3MHz	1	0
23.16	23.11	23.12	23.5			1	7
23.17	23.23	23.11	23.5			1	14
22.11	22.17	22.12	22.5			8	0
22.16	22.16	22.14	22.5			8	3
22.11	22.11	22.18	22.5			8	7
22.14	22.11	22.14	22.5			15	0
22.12	22.12	22.11	22.5	16QAM		1	0
22.17	22.19	22.16	22.5			1	7
22.10	22.16	22.18	22.5			1	14
21.13	21.20	21.17	21.5			8	0
21.14	21.19	21.10	21.5			8	3
21.12	21.15	21.20	21.5			8	7
21.18	21.14	21.15	21.5			15	0
21.14	21.20	21.16	21.5	64QAM	1	0	
21.11	21.13	21.18	21.5		1	7	
21.12	21.11	21.19	21.5		1	14	
20.11	20.16	20.19	20.5		8	0	
20.17	20.17	20.17	20.5		8	3	
20.14	20.15	20.19	20.5		8	7	
20.15	20.15	20.10	20.5		15	0	
18.20	18.13	18.18	18.5	256QAM	1	0	
18.17	18.18	18.19	18.5		1	7	
18.17	18.13	18.12	18.5		1	14	
18.20	18.13	18.19	18.5		8	0	
18.20	18.12	18.19	18.5		8	3	
18.14	18.15	18.16	18.5		8	7	
18.16	18.12	18.17	18.5		15	0	



LTE Band 66 Ant 2							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
131979	132322	132665	Channel				
1710.7	1745	1779.3	Frequency (MHz)				
23.15	23.20	23.17	23.5	QPSK	1.4MHz	1	0
23.11	23.11	23.20	23.5			1	2
23.19	23.21	23.23	23.5			1	5
23.20	23.10	23.19	23.5			3	0
23.10	23.14	23.18	23.5			3	1
23.14	23.14	23.17	23.5			3	3
22.20	22.20	22.16	22.5			6	0
22.13	22.18	22.18	22.5	16QAM		1	0
22.17	22.17	22.19	22.5			1	2
22.16	22.11	22.16	22.5			1	5
22.18	22.15	22.10	22.5			3	0
22.18	22.12	22.11	22.5			3	1
22.11	22.20	22.16	22.5			3	3
21.16	21.12	21.15	21.5			64QAM	6
21.13	21.13	21.15	21.5	1			0
21.15	21.16	21.17	21.5	1			2
21.14	21.14	21.17	21.5	1			5
21.17	21.12	21.12	21.5	3			0
21.13	21.10	21.11	21.5	3			1
21.18	21.18	21.18	21.5	3			3
20.10	20.15	20.11	20.5	256QAM		6	0
18.13	18.12	18.20	18.5			1	0
18.11	18.12	18.12	18.5			1	2
18.17	18.17	18.14	18.5			1	5
18.16	18.19	18.19	18.5			3	0
18.12	18.14	18.13	18.5			3	1
18.18	18.18	18.17	18.5			3	3
18.19	18.12	18.12	18.5	6		0	

LTE Band 2 Ant 3							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
18700	18900	19100	Channel				
1860	1880	1900	Frequency (MHz)				
22.98	22.94	23.27	24	QPSK	20MHz	1	0
23.09	23.17	23.24	24			1	49
23.26	22.90	23.15	24			1	99
22.53	22.68	22.79	23			50	0
22.65	22.52	22.74	23			50	25
22.59	22.72	22.52	23			50	50
22.77	22.78	22.79	23			100	0
22.12	21.91	22.08	23	16QAM		1	0
22.05	22.04	22.26	23			1	49
22.25	22.08	22.14	23			1	99
21.68	21.64	21.66	22			50	0
21.73	21.78	21.54	22			50	25
21.55	21.63	21.67	22			50	50
21.57	21.55	21.77	22	100		0	
21.03	21.02	21.19	22	64QAM		1	0
21.10	21.12	21.19	22			1	49
21.29	21.14	21.17	22			1	99
20.62	20.62	20.68	21			50	0
20.69	20.52	20.70	21			50	25
20.52	20.75	20.56	21			50	50
20.66	20.74	20.74	21	100		0	
18.54	18.63	18.84	19	256QAM		1	0
18.64	18.78	18.58	19			1	49
18.72	18.66	18.58	19			1	99
18.72	18.58	18.72	19			50	0
18.81	18.74	18.83	19			50	25
18.63	18.89	18.66	19			50	50
18.88	18.83	18.55	19			100	0

LTE Band 2 Ant 3							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
18675	18900	19125	Channel				
1857.5	1880	1902.5	Frequency (MHz)				
22.97	22.99	23.01	24	QPSK	15MHz	1	0
22.91	23.08	23.12	24			1	37
22.91	23.19	22.99	24			1	74
22.66	22.79	22.78	23			36	0
22.69	22.69	22.68	23			36	19
22.95	22.82	22.69	23			36	39
22.83	22.68	22.89	23			75	0
22.62	22.95	22.96	23	16QAM		1	0
22.69	22.62	22.98	23			1	37
22.79	22.81	22.80	23			1	74
21.78	21.61	21.96	22			36	0
21.92	21.55	21.78	22			36	19
21.85	21.78	21.95	22			36	39
21.80	21.73	21.53	22			75	0
21.68	21.97	21.63	22	64QAM	1	0	
21.86	21.80	21.64	22		1	37	
21.77	21.66	21.58	22		1	74	
20.71	20.81	20.69	21		36	0	
20.61	20.70	20.73	21		36	19	
20.54	20.96	20.68	21		36	39	
20.72	20.50	20.90	21		75	0	
18.55	18.63	18.59	19	256QAM	1	0	
18.75	18.87	18.71	19		1	37	
18.86	18.97	18.86	19		1	74	
18.56	18.77	18.92	19		36	0	
18.94	18.70	18.74	19		36	19	
18.62	18.86	18.93	19		36	39	
18.74	18.69	18.53	19		75	0	

LTE Band 2 Ant 3							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
18650	18900	19150	Channel				
1855	1880	1905	Frequency (MHz)				
22.90	23.10	23.20	24	QPSK	10MHz	1	0
23.20	22.92	23.04	24			1	24
22.94	23.15	22.93	24			1	49
22.52	22.70	22.53	23			25	0
22.83	22.98	22.55	23			25	12
22.68	22.98	22.78	23			25	25
23.00	22.93	22.74	23			50	0
22.81	22.92	23.00	23	16QAM		1	0
22.88	22.94	23.00	23			1	24
22.82	22.54	22.70	23			1	49
21.82	21.97	21.90	22			25	0
21.73	21.59	21.91	22			25	12
21.60	21.95	21.82	22			25	25
21.53	21.81	21.98	22			50	0
21.88	21.86	21.71	22	64QAM		1	0
21.72	21.99	21.98	22			1	24
21.67	21.97	21.61	22			1	49
20.94	20.87	20.69	21			25	0
20.96	20.57	20.59	21			25	12
20.74	20.59	20.50	21			25	25
20.79	20.81	20.97	21			50	0
18.76	18.70	18.72	19	256QAM		1	0
18.95	19.00	18.85	19			1	24
18.65	18.77	19.00	19			1	49
18.86	18.75	18.76	19			25	0
18.50	18.68	18.91	19			25	12
18.88	18.85	18.62	19			25	25
18.83	18.56	18.58	19			50	0

LTE Band 2 Ant 3							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
18625	18900	19175	Channel				
1852.5	1880	1907.5	Frequency (MHz)				
23.14	22.92	22.96	24	QPSK	5MHz	1	0
23.15	23.04	23.15	24			1	12
22.98	23.14	23.12	24			1	24
22.57	22.90	22.86	23			12	0
22.66	22.57	22.80	23			12	6
22.83	22.92	22.65	23			12	13
22.77	22.93	22.91	23			25	0
22.51	22.70	22.70	23	16QAM		1	0
22.74	22.91	22.55	23			1	12
22.93	22.97	22.55	23			1	24
21.97	21.71	21.64	22			12	0
21.54	21.72	21.88	22			12	6
21.60	21.60	21.73	22			12	13
21.73	21.72	21.55	22			25	0
21.96	21.59	21.86	22	64QAM		1	0
21.90	21.74	21.84	22			1	12
21.79	21.95	21.93	22			1	24
20.61	20.86	20.95	21			12	0
20.64	20.94	20.52	21			12	6
20.77	20.95	20.96	21			12	13
20.77	20.61	20.97	21			25	0
18.94	18.86	18.83	19	256QAM		1	0
18.74	18.83	18.97	19			1	12
18.80	18.96	18.72	19			1	24
18.64	18.54	18.58	19			12	0
18.60	18.91	18.80	19			12	6
18.53	18.77	18.99	19			12	13
18.88	18.57	18.89	19			25	0

LTE Band 2 Ant 3							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
18615	18900	19185	Channel				
1851.5	1880	1908.5	Frequency (MHz)				
23.06	23.03	23.12	24	QPSK	3MHz	1	0
23.19	23.03	23.14	24			1	7
23.18	22.95	23.04	24			1	14
22.86	22.65	22.51	23			8	0
22.65	22.96	22.92	23			8	3
22.90	22.95	22.53	23			8	7
22.87	22.51	22.88	23			15	0
22.89	22.93	22.80	23	16QAM		1	0
22.75	22.63	22.67	23			1	7
22.78	22.62	22.81	23			1	14
21.80	21.83	21.62	22			8	0
21.93	21.79	21.60	22			8	3
21.72	21.83	21.72	22			8	7
21.81	21.57	21.81	22			15	0
21.87	21.59	21.91	22	64QAM		1	0
21.79	21.79	21.89	22			1	7
21.76	21.75	21.51	22			1	14
20.56	20.55	20.69	21			8	0
20.84	20.69	20.51	21			8	3
20.51	20.67	20.61	21			8	7
20.73	20.54	20.52	21			15	0
18.60	18.86	18.76	19	256QAM		1	0
18.84	18.52	18.53	19			1	7
18.70	18.72	18.75	19			1	14
18.88	18.96	18.77	19			8	0
18.71	18.84	19.00	19			8	3
19.00	18.87	18.75	19			8	7
18.78	18.75	18.55	19			15	0

LTE Band 2 Ant 3							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
18607	18900	19193	Channel				
1850.7	1880	1909.3	Frequency (MHz)				
22.91	23.02	23.04	24	QPSK	1.4MHz	1	0
22.90	22.90	23.04	24			1	2
22.93	23.01	22.93	24			1	5
23.00	23.03	23.17	24			3	0
23.11	22.99	23.16	24			3	1
22.96	23.20	22.90	24			3	3
22.97	22.93	22.81	23			6	0
22.84	22.63	22.93	23	16QAM		1	0
22.74	22.76	22.76	23			1	2
22.65	22.67	22.84	23			1	5
22.98	22.74	22.97	23			3	0
22.58	22.90	22.87	23			3	1
22.67	22.70	22.60	23			3	3
21.82	21.72	21.89	22			6	0
21.60	21.69	22.00	22	64QAM		1	0
21.81	21.83	21.71	22			1	2
21.55	21.60	22.00	22			1	5
21.88	21.79	21.84	22			3	0
21.99	21.65	21.67	22			3	1
21.97	21.83	21.99	22			3	3
20.93	20.63	20.50	21			6	0
19.00	18.93	18.86	19	256QAM		1	0
18.52	18.82	18.90	19			1	2
18.69	18.62	18.52	19			1	5
18.68	18.90	18.62	19			3	0
18.60	18.75	18.59	19			3	1
18.95	18.94	18.64	19			3	3
18.89	18.80	18.75	19			6	0

LTE Band 4 Ant 3							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
20050	20175	20300	Channel				
1720	1732.5	1745	Frequency (MHz)				
22.98	23.24	23.04	24	QPSK	20MHz	1	0
23.23	23.15	23.11	24			1	49
22.91	22.98	22.90	24			1	99
22.56	22.78	22.60	23			50	0
22.62	22.58	22.59	23			50	25
22.76	22.67	22.60	23			50	50
22.65	22.77	22.58	23			100	0
22.25	22.12	22.24	23	16QAM		1	0
22.13	22.18	22.30	23			1	49
22.13	22.26	22.24	23			1	99
21.64	21.70	21.60	22			50	0
21.63	21.50	21.60	22			50	25
21.71	21.67	21.68	22			50	50
21.51	21.74	21.64	22	100		0	
21.24	20.92	20.99	22	64QAM		1	0
21.23	21.00	21.26	22			1	49
21.14	21.14	21.13	22			1	99
20.58	20.61	20.58	21			50	0
20.60	20.56	20.63	21			50	25
20.70	20.80	20.69	21			50	50
20.72	20.53	20.55	21	100		0	
18.71	18.55	18.53	19	256QAM		1	0
18.50	18.77	18.74	19			1	49
18.55	18.86	18.84	19			1	99
18.60	18.73	18.52	19			50	0
18.79	18.90	18.80	19			50	25
18.72	18.67	18.59	19			50	50
18.81	18.78	18.78	19			100	0



LTE Band 4 Ant 3							
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	Frequency (MHz)				
23.02	22.92	22.92	24	QPSK	15MHz	1	0
23.08	22.90	22.96	24			1	37
22.90	22.97	23.09	24			1	74
22.85	22.78	22.70	23			36	0
22.90	22.96	22.75	23			36	19
22.69	22.57	22.75	23			36	39
22.59	22.82	22.87	23			75	0
22.98	22.63	22.90	23	16QAM		1	0
22.73	22.94	22.81	23			1	37
22.59	22.85	22.50	23			1	74
21.58	21.84	21.69	22			36	0
21.76	21.56	21.82	22			36	19
21.97	21.96	21.53	22			36	39
21.87	21.60	21.53	22			75	0
21.67	21.51	21.69	22	64QAM		1	0
21.50	21.76	21.83	22			1	37
21.71	21.57	21.59	22			1	74
20.61	20.69	20.50	21			36	0
20.78	20.65	20.72	21			36	19
20.90	20.52	20.93	21			36	39
20.97	20.50	20.73	21			75	0
18.91	18.60	18.94	19	256QAM		1	0
18.60	18.68	18.94	19			1	37
18.99	18.87	18.57	19			1	74
18.51	18.81	18.64	19			36	0
18.94	18.55	18.87	19			36	19
18.84	18.60	18.58	19			36	39
18.74	18.97	18.98	19			75	0

LTE Band 4 Ant 3							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
20000	20175	20350	Channel				
1715	1732.5	1750	Frequency (MHz)				
23.15	22.99	23.06	24	QPSK	10MHz	1	0
23.10	23.10	23.20	24			1	24
23.11	23.11	23.03	24			1	49
22.58	22.64	22.82	23			25	0
22.88	22.53	22.99	23			25	12
22.55	22.68	22.64	23			25	25
22.86	22.82	22.90	23			50	0
22.93	22.89	22.65	23	16QAM		1	0
22.94	22.84	23.00	23			1	24
22.90	22.79	22.97	23			1	49
21.67	21.69	21.58	22			25	0
21.69	21.56	21.51	22			25	12
21.61	21.86	21.66	22			25	25
21.79	21.80	21.89	22			50	0
21.81	21.65	21.71	22	64QAM	1	0	
22.00	21.60	21.97	22		1	24	
21.90	21.66	21.74	22		1	49	
20.76	20.62	20.64	21		25	0	
20.79	20.94	20.70	21		25	12	
20.52	20.86	20.69	21		25	25	
20.52	20.54	20.94	21		50	0	
18.73	18.56	18.99	19	256QAM	1	0	
18.96	18.87	18.55	19		1	24	
18.52	18.91	18.58	19		1	49	
18.56	18.91	18.96	19		25	0	
18.75	18.84	18.90	19		25	12	
18.98	18.74	18.84	19		25	25	
19.00	18.84	18.95	19		50	0	

LTE Band 4 Ant 3							
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	Frequency (MHz)				
23.20	23.07	23.11	24	QPSK	5MHz	1	0
23.11	22.99	23.04	24			1	12
23.13	23.20	23.04	24			1	24
22.84	22.95	22.93	23			12	0
22.52	22.59	22.75	23			12	6
22.71	22.78	22.79	23			12	13
22.77	22.95	22.95	23			25	0
22.66	22.70	22.94	23	16QAM		1	0
22.78	22.60	22.88	23			1	12
22.89	22.93	22.92	23			1	24
21.56	21.81	21.71	22			12	0
21.58	21.57	21.54	22			12	6
21.69	21.92	21.81	22			12	13
21.71	21.70	21.56	22			25	0
21.71	21.71	21.67	22	64QAM		1	0
21.71	21.88	21.50	22			1	12
21.90	21.72	21.79	22			1	24
20.90	20.88	20.63	21			12	0
20.77	20.53	20.71	21			12	6
20.59	20.72	20.73	21			12	13
20.95	20.97	20.52	21			25	0
18.99	18.63	18.59	19	256QAM		1	0
18.76	18.77	18.85	19			1	12
18.77	18.52	18.61	19			1	24
18.59	18.81	18.66	19			12	0
18.77	18.75	18.52	19			12	6
18.98	18.61	18.70	19			12	13
18.92	18.55	18.77	19			25	0

LTE Band 4 Ant 3							
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	Frequency (MHz)				
22.98	23.18	22.93	24	QPSK	3MHz	1	0
22.99	23.14	23.14	24			1	7
23.09	23.07	23.17	24			1	14
22.97	22.81	22.72	23			8	0
22.63	22.97	22.90	23			8	3
22.60	22.83	22.80	23			8	7
22.67	22.96	23.00	23			15	0
22.53	22.56	22.85	23	16QAM		1	0
22.77	22.99	23.00	23			1	7
22.59	22.95	22.62	23			1	14
21.51	21.82	21.80	22			8	0
21.67	21.89	21.94	22			8	3
21.74	21.59	21.83	22			8	7
21.52	21.68	22.00	22			15	0
21.55	21.60	21.62	22	64QAM		1	0
21.99	21.99	21.88	22			1	7
21.85	21.74	21.57	22			1	14
20.95	21.00	20.64	21			8	0
20.80	20.63	20.65	21			8	3
20.72	20.94	20.79	21			8	7
20.74	20.80	20.73	21			15	0
18.70	18.80	18.60	19	256QAM		1	0
18.89	18.73	18.58	19			1	7
18.66	18.66	18.60	19			1	14
18.70	18.54	18.62	19			8	0
19.00	18.65	18.92	19			8	3
18.89	19.00	18.96	19			8	7
18.71	18.68	18.90	19			15	0

LTE Band 4 Ant 3							
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	Frequency (MHz)				
22.91	23.14	23.00	24	QPSK	1.4MHz	1	0
23.04	22.92	23.05	24			1	2
23.07	23.10	22.94	24			1	5
23.01	23.09	22.97	24			3	0
23.10	23.00	23.15	24			3	1
23.14	23.13	23.14	24			3	3
22.88	22.56	22.94	23			6	0
22.82	22.58	22.87	23	16QAM		1	0
22.58	22.57	22.95	23			1	2
22.98	22.84	22.67	23			1	5
22.55	22.51	22.59	23			3	0
22.55	22.54	22.93	23			3	1
22.70	23.00	22.70	23			3	3
21.90	21.98	21.84	22			6	0
21.85	21.94	21.90	22	64QAM		1	0
21.83	21.63	21.77	22			1	2
21.60	21.51	21.50	22			1	5
21.81	21.53	21.53	22			3	0
21.58	21.52	21.71	22			3	1
21.99	21.71	21.53	22			3	3
20.71	20.55	20.59	21			6	0
18.73	18.52	18.52	19	256QAM		1	0
18.98	18.53	18.85	19			1	2
18.56	18.90	18.87	19			1	5
18.50	18.75	18.61	19			3	0
18.67	18.95	18.97	19			3	1
18.89	18.64	18.90	19			3	3
18.99	18.54	18.86	19			6	0

LTE Band 7 Ant 3							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
20850	21100	21350	Channel				
2510	2535	2560	Frequency (MHz)				
23.26	23.45	23.31	24	QPSK	20MHz	1	0
23.20	23.40	23.41	24			1	49
23.16	23.34	23.25	24			1	99
22.66	22.78	22.50	23			50	0
22.58	22.68	22.76	23			50	25
22.61	22.53	22.50	23			50	50
22.58	22.74	22.70	23			100	0
22.30	22.23	22.25	23	16QAM		1	0
21.92	22.08	22.09	23			1	49
22.28	22.19	22.16	23			1	99
21.75	21.54	21.70	22			50	0
21.68	21.56	21.72	22			50	25
21.80	21.52	21.53	22			50	50
21.77	21.59	21.80	22	64QAM		100	0
21.25	21.27	21.29	22			1	0
20.93	21.02	21.05	22			1	49
20.91	20.94	20.90	22			1	99
20.70	20.78	20.76	21			50	0
20.53	20.56	20.61	21			50	25
20.74	20.78	20.69	21	256QAM		50	50
20.71	20.80	20.56	21			100	0
18.53	18.69	18.62	19			1	0
18.74	18.80	18.70	19			1	49
18.61	18.75	18.65	19			1	99
18.57	18.81	18.82	19			50	0
18.89	18.66	18.69	19	50		25	
18.52	18.63	18.57	19	50		50	
18.52	18.88	18.73	19	100		0	

LTE Band 7 Ant 3							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
20825	21100	21375	Channel				
2507.5	2535	2562.5	Frequency (MHz)				
23.33	23.39	23.35	24	QPSK	15MHz	1	0
23.43	23.34	23.38	24			1	37
23.19	23.32	23.30	24			1	74
22.69	22.84	22.94	23			36	0
22.78	22.96	22.65	23			36	19
22.93	22.73	22.62	23			36	39
22.91	22.88	22.59	23			75	0
22.75	22.97	22.76	23	16QAM		1	0
22.68	22.60	22.99	23			1	37
22.60	22.70	22.64	23			1	74
21.63	21.77	21.75	22			36	0
21.64	21.87	21.89	22			36	19
21.63	21.97	21.97	22			36	39
21.89	21.81	21.97	22			75	0
21.70	21.68	21.93	22	64QAM	1	0	
21.52	21.68	21.55	22		1	37	
21.79	21.65	21.52	22		1	74	
20.84	20.78	20.98	21		36	0	
20.98	20.72	20.61	21		36	19	
20.54	20.74	20.78	21		36	39	
20.56	20.69	20.81	21		75	0	
18.83	18.51	18.74	19	256QAM	1	0	
18.98	18.96	18.93	19		1	37	
18.70	18.51	18.74	19		1	74	
18.92	18.78	18.83	19		36	0	
18.90	18.90	18.86	19		36	19	
18.66	18.76	18.53	19		36	39	
18.56	18.80	18.72	19		75	0	

LTE Band 7 Ant 3							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
20800	21100	21400	Channel				
2505	2535	2565	Frequency (MHz)				
23.42	23.43	23.42	24	QPSK	10MHz	1	0
23.34	23.44	23.43	24			1	24
23.35	23.37	23.40	24			1	49
22.82	22.78	22.62	23			25	0
22.90	22.54	22.84	23			25	12
22.51	22.94	22.73	23			25	25
22.50	22.92	22.86	23			50	0
22.73	22.70	22.56	23	16QAM		1	0
22.86	22.79	22.64	23			1	24
22.70	22.94	22.70	23			1	49
21.65	21.62	21.99	22			25	0
21.80	21.96	21.96	22			25	12
21.90	21.77	21.76	22			25	25
21.92	21.92	21.88	22			50	0
21.79	21.52	21.57	22	64QAM	1	0	
21.63	21.88	21.82	22		1	24	
21.51	21.97	21.94	22		1	49	
20.92	20.78	20.51	21		25	0	
20.92	20.50	20.84	21		25	12	
20.82	20.68	20.78	21		25	25	
20.99	20.99	20.82	21		50	0	
18.67	18.68	18.73	19	256QAM	1	0	
18.50	18.89	18.94	19		1	24	
18.62	18.69	18.94	19		1	49	
18.99	18.74	18.72	19		25	0	
18.72	19.00	18.97	19		25	12	
18.52	18.71	18.89	19		25	25	
18.52	18.69	18.70	19		50	0	



LTE Band 7 Ant 3							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
20775	21100	21425	Channel				
2502.5	2535	2567.5	Frequency (MHz)				
23.28	23.36	23.29	24	QPSK	5MHz	1	0
23.22	23.23	23.32	24			1	12
23.27	23.32	23.31	24			1	24
22.81	22.52	22.93	23			12	0
22.85	22.50	22.70	23			12	6
22.64	22.64	22.72	23			12	13
22.91	22.93	22.93	23			25	0
22.76	22.52	22.76	23	16QAM		1	0
22.57	22.80	22.65	23			1	12
22.68	22.79	22.99	23			1	24
21.69	21.91	21.61	22			12	0
21.69	21.66	21.68	22			12	6
21.59	21.97	21.71	22			12	13
21.68	21.98	21.64	22			25	0
22.00	21.91	21.82	22	64QAM		1	0
21.65	21.67	21.62	22			1	12
21.99	21.81	21.90	22			1	24
20.57	20.67	20.78	21			12	0
20.57	20.63	20.98	21			12	6
20.65	20.64	20.87	21			12	13
20.83	20.62	20.64	21			25	0
18.93	18.93	18.91	19	256QAM		1	0
18.59	18.96	18.86	19			1	12
18.65	18.79	18.74	19			1	24
18.67	18.50	18.87	19			12	0
18.85	18.82	18.92	19			12	6
18.51	18.92	18.79	19			12	13
18.72	18.66	18.73	19			25	0

LTE Band 25 Ant 3							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
26140	26365	26590	Channel				
1860	1882.5	1905	Frequency (MHz)				
23.30	23.21	23.16	24	QPSK	20MHz	1	0
23.16	23.28	23.25	24			1	49
23.18	23.16	23.14	24			1	99
22.78	22.56	22.65	23			50	0
22.77	22.75	22.63	23			50	25
22.56	22.78	22.68	23			50	50
22.77	22.69	22.54	23			100	0
22.16	22.20	22.06	23	16QAM		1	0
22.01	22.11	22.14	23			1	49
22.00	21.99	22.10	23			1	99
21.62	21.66	21.54	22			50	0
21.78	21.73	21.72	22			50	25
21.56	21.73	21.66	22			50	50
21.66	21.74	21.58	22			100	0
20.93	21.16	21.21	22	64QAM		1	0
20.95	21.15	21.25	22			1	49
21.12	21.13	21.04	22			1	99
20.60	20.64	20.57	21			50	0
20.61	20.51	20.63	21			50	25
20.71	20.72	20.60	21			50	50
20.54	20.56	20.54	21			100	0
18.79	18.71	18.57	19	256QAM		1	0
18.85	18.74	18.87	19			1	49
18.53	18.87	18.59	19			1	99
18.59	18.62	18.72	19			50	0
18.81	18.82	18.78	19			50	25
18.68	18.53	18.53	19			50	50
18.67	18.50	18.86	19			100	0

LTE Band 25 Ant 3							
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	Frequency (MHz)				
23.19	22.96	23.19	24	QPSK	15MHz	1	0
22.91	23.19	22.97	24			1	37
22.96	23.19	22.97	24			1	74
22.80	22.78	22.52	23			36	0
22.67	22.64	22.82	23			36	19
22.75	22.70	22.76	23			36	39
22.78	22.55	22.51	23			75	0
22.63	22.50	22.90	23	16QAM		1	0
22.99	22.92	23.00	23			1	37
22.61	22.64	22.90	23			1	74
21.86	21.75	22.00	22			36	0
21.53	21.77	21.67	22			36	19
21.58	21.80	21.64	22			36	39
21.82	21.90	21.55	22			75	0
21.78	21.52	21.59	22	64QAM		1	0
21.85	21.88	21.97	22			1	37
21.86	21.84	22.00	22			1	74
21.00	20.86	20.59	21			36	0
20.58	20.82	20.70	21			36	19
20.90	20.82	20.54	21			36	39
20.53	20.92	20.81	21			75	0
18.76	18.90	18.55	19	256QAM		1	0
18.53	18.86	18.77	19			1	37
18.73	18.89	18.99	19			1	74
18.65	18.59	18.87	19			36	0
18.98	18.81	18.88	19			36	19
18.64	18.73	18.51	19			36	39
18.75	18.88	18.61	19			75	0

LTE Band 25 Ant 3							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
26090	26365	26640	Channel				
1855	1882.5	1910	Frequency (MHz)				
22.90	23.06	23.03	24	QPSK	10MHz	1	0
23.10	23.09	23.04	24			1	24
23.04	23.13	23.09	24			1	49
22.98	22.57	22.58	23			25	0
22.86	22.97	22.56	23			25	12
22.84	22.92	22.65	23			25	25
22.77	22.72	22.53	23			50	0
22.55	22.82	22.91	23	16QAM		1	0
22.96	22.81	22.74	23			1	24
22.50	22.62	22.61	23			1	49
21.82	21.60	21.60	22			25	0
21.65	21.94	21.77	22			25	12
21.54	21.89	21.77	22			25	25
21.93	21.76	21.53	22			50	0
21.79	21.51	21.57	22	64QAM		1	0
21.53	21.61	21.64	22			1	24
21.89	21.78	21.57	22			1	49
20.99	20.97	20.78	21			25	0
20.73	20.70	20.62	21			25	12
20.98	20.78	20.68	21			25	25
20.77	20.61	20.68	21			50	0
18.53	18.83	18.80	19	256QAM		1	0
18.81	18.51	18.99	19			1	24
18.65	18.78	18.53	19			1	49
18.75	18.97	18.67	19			25	0
18.54	18.66	18.67	19			25	12
18.67	18.75	18.55	19			25	25
18.92	18.79	18.51	19			50	0

LTE Band 25 Ant 3							
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	Frequency (MHz)				
22.92	23.02	23.09	24	QPSK	5MHz	1	0
23.02	23.09	23.03	24			1	12
23.19	22.97	23.18	24			1	24
22.68	22.54	22.76	23			12	0
22.56	22.93	22.69	23			12	6
22.68	22.79	22.68	23			12	13
22.96	22.80	22.73	23			25	0
22.59	22.62	22.95	23	16QAM		1	0
22.56	22.50	22.69	23			1	12
22.82	22.71	22.51	23			1	24
21.99	21.81	21.93	22			12	0
21.93	21.72	21.88	22			12	6
21.85	21.93	21.92	22			12	13
21.71	21.78	21.91	22			25	0
21.74	21.90	21.51	22	64QAM		1	0
21.83	21.74	21.99	22			1	12
21.98	21.97	21.78	22			1	24
20.54	20.67	20.71	21			12	0
20.98	20.96	20.92	21			12	6
20.50	20.67	20.64	21			12	13
20.87	20.77	20.57	21			25	0
18.70	18.60	18.64	19	256QAM		1	0
18.70	18.93	18.56	19			1	12
18.51	18.65	18.74	19			1	24
18.75	18.55	18.83	19			12	0
18.97	18.99	18.76	19			12	6
18.97	18.87	18.79	19			12	13
18.67	18.93	18.58	19			25	0

LTE Band 25 Ant 3							
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	Frequency (MHz)				
23.05	23.12	22.97	24	QPSK	3MHz	1	0
23.13	23.16	23.18	24			1	7
23.16	23.13	23.16	24			1	14
22.56	22.73	22.80	23			8	0
22.78	22.87	22.97	23			8	3
22.51	22.90	22.89	23			8	7
22.53	22.63	22.77	23			15	0
22.82	22.53	22.53	23	16QAM		1	0
22.99	22.78	22.58	23			1	7
22.71	22.86	22.68	23			1	14
21.64	21.58	21.86	22			8	0
21.62	21.85	21.55	22			8	3
21.67	21.66	21.94	22			8	7
21.75	21.91	21.65	22			15	0
21.60	21.67	21.80	22	64QAM		1	0
21.64	22.00	21.70	22			1	7
21.59	21.75	21.57	22			1	14
20.68	20.99	20.50	21			8	0
21.00	21.00	20.62	21			8	3
20.84	20.69	20.91	21			8	7
20.56	20.58	20.91	21			15	0
18.73	18.51	18.83	19	256QAM		1	0
18.51	18.54	18.71	19			1	7
18.83	19.00	18.76	19			1	14
18.74	18.89	18.61	19			8	0
18.67	18.57	18.63	19			8	3
18.94	18.95	18.60	19			8	7
18.94	18.72	18.79	19			15	0

LTE Band 25 Ant 3							
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	Frequency (MHz)				
22.92	23.16	22.91	24	QPSK	1.4MHz	1	0
23.02	23.16	22.99	24			1	2
23.04	23.16	23.07	24			1	5
23.07	23.06	23.19	24			3	0
22.99	23.16	22.99	24			3	1
22.90	23.19	23.18	24			3	3
22.69	22.57	22.90	23			6	0
22.78	22.82	22.69	23	16QAM		1	0
22.74	22.95	22.97	23			1	2
22.75	22.78	22.55	23			1	5
22.59	22.58	22.54	23			3	0
22.72	22.91	22.61	23			3	1
22.87	22.73	22.64	23			3	3
21.73	21.71	21.81	22			6	0
22.00	21.86	21.83	22	64QAM		1	0
21.89	21.90	21.75	22			1	2
21.85	21.98	21.54	22			1	5
21.66	21.72	21.63	22			3	0
21.89	21.84	21.81	22			3	1
22.00	21.58	21.99	22			3	3
20.85	20.76	20.67	21			6	0
18.97	18.77	18.65	19	256QAM		1	0
18.50	18.52	18.98	19			1	2
18.70	18.65	18.53	19			1	5
18.56	18.88	18.85	19			3	0
18.51	18.70	18.64	19			3	1
18.56	18.97	18.87	19			3	3
18.53	18.53	18.73	19			6	0

LTE Band 30 Ant 3					
Maximum Average Power (dBm)	Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
27710	Channel				
2310	Frequency (MHz)				
22.87	23.5	QPSK	10MHz	1	0
22.72	23.5			1	24
22.67	23.5			1	49
22.42	22.5			25	0
22.22	22.5			25	12
22.24	22.5			25	25
22.20	22.5			50	0
21.63	22.5	16QAM		1	0
21.99	22.5			1	24
21.89	22.5			1	49
21.21	21.5			25	0
21.49	21.5			25	12
21.41	21.5			25	25
21.40	21.5			50	0
20.80	21.5	64QAM		1	0
20.65	21.5			1	24
20.93	21.5			1	49
20.43	20.5			25	0
20.25	20.5			25	12
20.38	20.5			25	25
20.28	20.5			50	0
18.44	18.5	256QAM		1	0
18.24	18.5			1	24
18.48	18.5			1	49
18.41	18.5			25	0
18.45	18.5			25	12
18.35	18.5			25	25
18.21	18.5			50	0



LTE Band 30 Ant 3							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
27685	27710	27735	Channel				
2307.5	2310	2312.5	Frequency (MHz)				
22.83	22.79	22.80	23.5	QPSK	5MHz	1	0
22.63	22.68	22.75	23.5			1	12
22.69	22.67	22.72	23.5			1	24
21.61	21.60	21.63	22.5			12	0
21.62	21.69	21.64	22.5			12	6
21.67	21.67	21.60	22.5			12	13
21.66	21.64	21.62	22.5			25	0
21.61	21.68	21.66	22.5	16QAM		1	0
21.70	21.63	21.63	22.5			1	12
21.68	21.62	21.61	22.5			1	24
20.69	20.68	20.62	21.5			12	0
20.70	20.69	20.62	21.5			12	6
20.68	20.65	20.70	21.5			12	13
20.66	20.61	20.62	21.5			25	0
20.60	20.64	20.66	21.5	64QAM		1	0
20.67	20.62	20.64	21.5			1	12
20.70	20.62	20.70	21.5			1	24
19.60	19.60	19.62	20.5			12	0
19.63	19.61	19.63	20.5			12	6
19.60	19.61	19.62	20.5			12	13
19.64	19.60	19.63	20.5			25	0
17.60	17.67	17.61	18.5	256QAM		1	0
17.63	17.70	17.63	18.5			1	12
17.63	17.64	17.70	18.5			1	24
17.65	17.68	17.70	18.5			12	0
17.63	17.63	17.67	18.5			12	6
17.62	17.67	17.62	18.5			12	13
17.66	17.67	17.64	18.5			25	0

LTE Band 38 Ant 3							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
37850	38000	38150	Channel				
2580	2595	2610	Frequency (MHz)				
23.74	23.80	23.77	24	QPSK	20MHz	1	0
23.67	23.50	23.69	24			1	49
23.72	23.41	23.73	24			1	99
22.71	22.78	22.63	23			50	0
22.67	22.67	22.75	23			50	25
22.66	22.54	22.72	23			50	50
22.62	22.73	22.65	23			100	0
22.00	22.25	22.19	23	16QAM		1	0
21.96	21.90	21.99	23			1	49
21.90	22.25	21.93	23			1	99
21.63	21.61	21.66	22			50	0
21.66	21.52	21.80	22			50	25
21.62	21.54	21.52	22			50	50
21.65	21.63	21.52	22			100	0
21.28	20.97	20.95	22	64QAM		1	0
21.06	20.97	21.00	22			1	49
21.27	21.19	21.11	22			1	99
20.68	20.52	20.72	21			50	0
20.51	20.75	20.76	21			50	25
20.67	20.68	20.66	21			50	50
20.74	20.58	20.77	21			100	0
18.66	18.79	18.81	19	256QAM		1	0
18.64	18.60	18.74	19			1	49
18.50	18.81	18.81	19			1	99
18.79	18.68	18.85	19			50	0
18.67	18.82	18.83	19			50	25
18.57	18.57	18.62	19			50	50
18.87	18.52	18.63	19			100	0

LTE Band 38 Ant 3							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
37825	38000	38175	Channel				
2577.5	2595	2612.5	Frequency (MHz)				
23.65	23.79	23.73	24	QPSK	15MHz	1	0
23.64	23.41	23.56	24			1	37
23.54	23.40	23.64	24			1	74
22.91	22.57	22.81	23			36	0
22.73	22.86	22.95	23			36	19
22.94	22.80	22.51	23			36	39
22.86	22.66	22.66	23			75	0
22.84	22.60	22.52	23	16QAM		1	0
23.00	22.95	22.96	23			1	37
22.96	22.95	22.64	23			1	74
21.86	21.52	21.54	22			36	0
21.76	21.99	21.78	22			36	19
21.59	21.51	21.89	22			36	39
21.61	21.97	21.56	22			75	0
21.53	21.84	21.55	22	64QAM		1	0
21.84	21.98	21.79	22			1	37
21.86	21.79	21.67	22			1	74
20.69	20.81	20.74	21			36	0
20.79	20.83	20.69	21			36	19
20.70	20.71	20.62	21			36	39
20.53	20.67	20.75	21			75	0
18.97	18.61	18.63	19	256QAM		1	0
18.89	18.52	18.67	19			1	37
18.73	18.83	18.78	19			1	74
18.98	18.53	18.54	19			36	0
18.86	18.94	18.97	19			36	19
18.85	18.58	18.68	19			36	39
18.79	18.67	18.57	19			75	0

LTE Band 38 Ant 3							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
37800	38000	38200	Channel				
2575	2595	2615	Frequency (MHz)				
23.68	23.72	23.68	24	QPSK	10MHz	1	0
23.47	23.41	23.65	24			1	24
23.51	23.47	23.67	24			1	49
22.93	22.92	23.00	23			25	0
22.64	22.67	22.96	23			25	12
22.64	22.99	22.62	23			25	25
22.87	22.52	22.98	23			50	0
22.86	22.57	22.80	23	16QAM		1	0
22.55	22.80	22.65	23			1	24
22.79	22.98	22.92	23			1	49
21.95	21.89	21.60	22			25	0
21.52	21.58	21.68	22			25	12
21.63	21.89	21.77	22			25	25
21.82	21.65	21.69	22			50	0
21.77	21.94	21.64	22	64QAM		1	0
21.67	21.69	21.94	22			1	24
21.90	21.58	22.00	22			1	49
20.75	20.64	20.62	21			25	0
20.79	20.84	20.68	21			25	12
20.64	20.57	20.69	21			25	25
20.86	20.89	20.52	21			50	0
18.75	18.75	18.55	19	256QAM		1	0
18.91	18.97	18.94	19			1	24
18.57	18.86	18.59	19			1	49
18.58	18.67	18.59	19			25	0
18.73	18.51	18.84	19			25	12
18.88	18.57	18.54	19			25	25
18.54	18.52	18.98	19			50	0

LTE Band 38 Ant 3							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
37775	38000	38225	Channel				
2572.5	2595	2617.5	Frequency (MHz)				
23.57	23.70	23.53	24	QPSK	5MHz	1	0
23.64	23.51	23.46	24			1	12
23.66	23.55	23.68	24			1	24
22.91	22.55	22.52	23			12	0
22.75	22.91	22.90	23			12	6
22.55	22.72	22.77	23			12	13
22.98	22.70	22.94	23			25	0
22.81	22.64	22.95	23	16QAM		1	0
22.66	22.59	22.57	23			1	12
22.78	22.91	22.84	23			1	24
21.75	21.66	21.98	22			12	0
21.96	21.84	21.69	22			12	6
21.54	21.95	21.96	22			12	13
21.70	21.75	21.84	22			25	0
21.86	21.67	21.86	22	64QAM		1	0
21.99	21.51	21.67	22			1	12
21.52	21.77	21.80	22			1	24
20.57	20.54	20.60	21			12	0
20.71	20.63	20.51	21			12	6
20.97	20.87	20.64	21			12	13
20.57	20.81	20.94	21			25	0
18.72	18.53	18.81	19	256QAM		1	0
18.79	18.83	18.51	19			1	12
18.52	18.66	18.93	19			1	24
19.00	18.87	18.90	19			12	0
18.86	18.62	18.72	19			12	6
18.91	18.61	18.82	19			12	13
18.83	18.75	18.79	19			25	0

LTE Band 40 Ant 3							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
38750	39150	39550	Channel				
2310	2350	2390	Frequency (MHz)				
23.38	23.36	23.31	24	QPSK	20MHz	1	0
23.29	23.27	23.22	24			1	49
23.22	23.20	23.15	24			1	99
22.95	22.93	22.88	23			50	0
22.92	22.91	22.86	23			50	25
22.91	22.89	22.84	23			50	50
22.16	22.11	22.61	23			100	0
22.10	22.05	22.08	23	16QAM		1	0
22.09	22.04	22.02	23			1	49
22.05	22.00	22.01	23			1	99
21.40	21.35	21.97	22			50	0
21.37	21.32	21.32	22			50	25
21.30	21.32	21.27	22			50	50
20.80	20.81	20.78	22			100	0
21.13	21.14	21.11	22	64QAM		1	0
21.19	21.20	21.17	22			1	49
21.10	21.11	21.08	22			1	99
20.29	20.30	20.26	21			50	0
20.36	20.37	20.34	21			50	25
20.33	20.36	20.31	21			50	50
20.01	20.02	19.99	21			100	0
18.68	18.69	18.66	19	256QAM		1	0
18.52	18.56	18.50	19			1	49
18.49	18.50	18.47	19			1	99
18.69	18.70	18.67	19			50	0
18.66	18.67	18.64	19			50	25
18.65	18.66	18.63	19			50	50
18.48	18.49	18.46	19			100	0

LTE Band 40 Ant 3							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
38725	39150	39575	Channel				
2307.5	2350	2392.5	Frequency (MHz)				
23.32	23.30	23.25	24	QPSK	15MHz	1	0
23.23	23.21	23.16	24			1	37
23.16	23.14	23.09	24			1	74
22.89	22.87	22.82	23			36	0
22.86	22.85	22.80	23			36	19
22.85	22.83	22.78	23			36	39
22.10	22.05	22.55	23			75	0
22.04	21.99	22.02	23	16QAM		1	0
22.03	21.98	21.96	23			1	37
21.99	21.94	21.95	23			1	74
21.34	21.29	21.91	22			36	0
21.31	21.26	21.26	22			36	19
21.24	21.26	21.21	22			36	39
20.74	20.75	20.72	22			75	0
21.07	21.08	21.05	22	64QAM		1	0
21.13	21.14	21.11	22			1	37
21.04	21.05	21.02	22			1	74
20.23	20.24	20.20	21			36	0
20.30	20.31	20.28	21			36	19
20.27	20.30	20.25	21			36	39
19.95	19.96	19.93	21			75	0
18.62	18.63	18.60	19	256QAM		1	0
18.46	18.50	18.44	19			1	37
18.43	18.44	18.41	19			1	74
18.63	18.64	18.61	19			36	0
18.60	18.61	18.58	19			36	19
18.59	18.60	18.57	19			36	39
18.42	18.43	18.40	19			75	0

LTE Band 40 Ant 3							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
38700	39150	39600	Channel				
2305	2350	2395	Frequency (MHz)				
23.26	23.24	23.19	24	QPSK	10MHz	1	0
23.17	23.15	23.10	24			1	24
23.10	23.08	23.03	24			1	49
22.83	22.81	22.76	23			25	0
22.80	22.79	22.74	23			25	12
22.79	22.77	22.72	23			25	25
22.04	21.99	22.49	23			50	0
21.98	21.93	21.96	23	16QAM		1	0
21.97	21.92	21.90	23			1	24
21.93	21.88	21.89	23			1	49
21.28	21.23	21.85	22			25	0
21.25	21.20	21.20	22			25	12
21.18	21.20	21.15	22			25	25
20.68	20.69	20.66	22			50	0
21.01	21.02	20.99	22	64QAM		1	0
21.07	21.08	21.05	22			1	24
20.98	20.99	20.96	22			1	49
20.17	20.18	20.14	21			25	0
20.24	20.25	20.22	21			25	12
20.21	20.24	20.19	21			25	25
19.89	19.90	19.87	21			50	0
18.56	18.57	18.54	19	256QAM		1	0
18.40	18.44	18.38	19			1	24
18.37	18.38	18.35	19			1	49
18.57	18.58	18.55	19			25	0
18.54	18.55	18.52	19			25	12
18.53	18.54	18.51	19			25	25
18.36	18.37	18.34	19			50	0



LTE Band 40 Ant 3							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
38675	39150	39625	Channel				
2302.5	2350	2397.5	Frequency (MHz)				
23.23	23.21	23.16	24	QPSK	5MHz	1	0
23.14	23.12	23.07	24			1	12
23.07	23.05	23.00	24			1	24
22.80	22.78	22.73	23			12	0
22.77	22.76	22.71	23			12	6
22.76	22.74	22.69	23			12	13
22.01	21.96	22.46	23			25	0
21.95	21.90	21.93	23	16QAM		1	0
21.94	21.89	21.87	23			1	12
21.90	21.85	21.86	23			1	24
21.25	21.20	21.82	22			12	0
21.22	21.17	21.17	22			12	6
21.15	21.17	21.12	22			12	13
20.65	20.66	20.63	22			25	0
20.98	20.99	20.96	22	64QAM		1	0
21.04	21.05	21.02	22			1	12
20.95	20.96	20.93	22			1	24
20.14	20.15	20.11	21			12	0
20.21	20.22	20.19	21			12	6
20.18	20.21	20.16	21			12	13
19.86	19.87	19.84	21			25	0
18.53	18.54	18.51	19	256QAM		1	0
18.37	18.41	18.35	19			1	12
18.34	18.35	18.32	19			1	24
18.54	18.55	18.52	19			12	0
18.51	18.52	18.49	19			12	6
18.50	18.51	18.48	19			12	13
18.33	18.34	18.31	19			25	0

LTE Band 41 Ant 3									
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	Frequency (MHz)				
23.91	23.80	23.93	23.81	23.92	24	QPSK	20MHz	1	0
23.86	23.82	23.81	23.89	23.76	24			1	49
23.84	23.87	23.84	23.83	23.85	24			1	99
22.52	22.52	22.74	22.65	22.71	23			50	0
22.52	22.73	22.59	22.69	22.53	23			50	25
22.73	22.71	22.53	22.58	22.71	23			50	50
22.62	22.58	22.64	22.59	22.80	23			100	0
22.00	22.18	21.91	21.91	22.27	23	16QAM		1	0
22.15	22.09	22.18	22.12	21.98	23			1	49
22.20	22.12	22.26	22.03	22.20	23			1	99
21.57	21.66	21.54	21.52	21.53	22			50	0
21.80	21.69	21.55	21.66	21.75	22			50	25
21.76	21.61	21.58	21.62	21.69	22			50	50
21.54	21.78	21.50	21.58	21.52	22			100	0
21.02	21.15	21.01	21.28	21.03	22	64QAM		1	0
20.93	21.04	20.98	21.18	20.95	22			1	49
21.17	21.12	21.03	21.06	20.95	22			1	99
20.54	20.80	20.74	20.65	20.56	21			50	0
20.63	20.51	20.75	20.67	20.75	21			50	25
20.69	20.56	20.54	20.59	20.70	21			50	50
20.69	20.50	20.52	20.69	20.76	21			100	0
18.68	18.59	18.68	18.86	18.58	19	256QAM		1	0
18.53	18.66	18.83	18.72	18.58	19			1	49
18.78	18.67	18.53	18.89	18.90	19			1	99
18.86	18.83	18.65	18.74	18.72	19			50	0
18.78	18.76	18.75	18.81	18.83	19			50	25
18.60	18.81	18.56	18.89	18.54	19			50	50
18.66	18.85	18.78	18.65	18.59	19			100	0

LTE Band 41 Ant 3									
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	Frequency (MHz)				
23.70	23.69	23.75	23.72	23.68	24	QPSK	15MHz	1	0
23.69	23.76	23.68	23.91	23.80	24			1	37
23.92	23.89	23.72	23.70	23.77	24			1	74
22.68	22.69	22.69	22.67	22.96	23			36	0
22.50	22.55	22.58	22.76	22.98	23			36	19
22.66	22.88	22.53	22.84	22.83	23			36	39
22.81	22.64	22.70	22.63	22.66	23			75	0
22.78	22.84	22.79	22.66	22.82	23	1		0	
22.71	22.97	22.88	22.98	22.81	23	1		37	
22.91	22.61	22.99	22.52	22.71	23	1		74	
21.65	21.63	21.65	21.79	21.81	22	16QAM		36	0
21.65	21.82	21.61	21.89	21.93	22			36	19
21.73	21.92	21.87	21.83	21.87	22			36	39
21.66	21.97	21.95	21.94	21.82	22			75	0
21.91	21.67	21.52	21.79	21.64	22			1	0
21.65	21.67	21.97	21.86	21.50	22	1		37	
21.72	21.83	21.92	21.76	22.00	22	1		74	
20.80	20.87	20.87	20.77	20.50	21	64QAM		36	0
20.52	20.96	20.77	20.79	20.71	21			36	19
20.57	20.75	20.85	20.71	20.86	21			36	39
21.00	20.91	20.75	20.73	20.70	21			75	0
18.95	18.88	18.64	18.61	18.50	19			1	0
18.99	18.73	18.56	18.52	18.79	19	1		37	
18.65	18.78	18.68	18.78	18.97	19	1		74	
18.93	18.82	18.65	18.81	18.52	19	256QAM		36	0
18.53	18.87	18.51	18.79	18.51	19			36	19
18.61	18.87	18.71	18.50	18.90	19			36	39
18.78	18.55	18.62	18.51	18.57	19			75	0

LTE Band 41 Ant 3										
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	Frequency (MHz)					
23.84	23.63	23.85	23.74	23.85	24	QPSK	10MHz	1	0	
23.65	23.85	23.86	23.66	23.79	24			1	24	
23.75	23.79	23.89	23.86	23.74	24			1	49	
22.57	22.73	22.71	22.90	22.83	23			25	0	
22.55	22.61	22.88	22.84	22.96	23			25	12	
22.86	22.83	22.61	22.96	22.71	23			25	25	
22.71	22.85	22.63	22.99	22.56	23	50		0		
22.69	22.61	22.73	22.80	22.79	23	16QAM		1	0	
22.58	22.52	22.55	22.83	22.96	23			1	24	
22.81	22.93	22.53	22.64	23.00	23			1	49	
21.95	21.83	21.69	21.83	21.91	22			25	0	
21.67	21.79	21.70	21.55	21.63	22			25	12	
21.79	21.75	21.68	21.51	21.61	22			25	25	
21.93	21.89	21.54	21.84	21.54	22	64QAM		50	0	
21.50	21.61	21.51	22.00	21.94	22			1	0	
21.50	21.94	21.63	21.96	21.85	22			1	24	
21.99	21.53	21.85	21.59	21.51	22			1	49	
20.83	20.52	20.60	20.56	20.76	21			25	0	
20.66	20.58	20.71	20.54	20.51	21		25	12		
20.89	20.67	20.76	20.80	20.67	21	256QAM	25	25		
20.87	20.73	20.65	20.83	20.69	21		50	0		
18.61	18.82	18.79	18.79	18.50	19		1	0		
18.93	18.86	18.98	18.63	18.73	19		1	24		
18.82	18.92	18.57	18.71	18.66	19		1	49		
18.53	18.58	18.53	18.66	18.77	19		25	0		
18.58	18.53	18.81	18.89	18.78	19	25	12			
18.73	18.74	18.78	18.63	18.92	19			25	25	
18.63	18.92	18.65	18.53	18.97	19	50	0			

LTE Band 41 Ant 3										
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	Frequency (MHz)					
23.80	23.82	23.65	23.89	23.83	24	QPSK	5MHz	1	0	
23.81	23.69	23.73	23.87	23.67	24			1	12	
23.63	23.79	23.70	23.66	23.70	24			1	24	
22.67	22.90	22.53	22.97	22.78	23			12	0	
22.82	22.74	22.69	22.63	22.81	23			12	6	
22.77	22.53	22.51	22.57	22.67	23			12	13	
22.52	22.54	22.74	22.81	22.72	23			25	0	
22.78	22.87	22.84	22.51	22.68	23	16QAM		1	0	
22.79	22.96	22.67	22.94	22.72	23			1	12	
22.65	22.79	22.87	22.64	22.50	23			1	24	
21.84	21.64	21.80	21.85	21.84	22			12	0	
21.96	21.75	21.51	21.57	21.94	22			12	6	
21.83	21.52	21.86	21.57	21.91	22			12	13	
21.81	21.71	21.98	21.83	21.97	22			25	0	
21.57	21.84	21.72	21.51	21.56	22	64QAM		1	0	
21.75	21.53	21.91	21.97	21.67	22			1	12	
21.79	21.64	21.63	21.70	21.51	22			1	24	
20.85	20.84	20.65	20.89	20.67	21			12	0	
20.69	20.62	20.80	20.68	20.83	21			12	6	
20.57	20.71	20.54	20.71	20.51	21			12	13	
20.63	20.56	20.64	20.87	20.83	21			25	0	
18.92	18.85	18.54	18.90	18.50	19	256QAM		1	0	
18.87	18.93	18.79	18.72	18.79	19			1	12	
18.79	18.53	18.91	18.50	18.93	19			1	24	
18.64	18.81	18.76	18.82	18.95	19			12	0	
18.63	18.65	18.99	18.69	18.91	19			12	6	
18.99	18.61	18.68	18.80	18.90	19			12	13	
18.58	18.92	18.57	18.74	18.76	19			25	0	

LTE Band 66 Ant 3							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
132072	132322	132572	Channel				
1720	1745	1770	Frequency (MHz)				
23.22	23.26	23.15	24	QPSK	20MHz	1	0
22.96	23.16	23.10	24			1	49
23.12	23.22	23.03	24			1	99
22.51	22.80	22.53	23			50	0
22.78	22.56	22.55	23			50	25
22.69	22.52	22.50	23			50	50
22.58	22.70	22.58	23			100	0
21.97	22.11	22.02	23	16QAM		1	0
22.14	22.04	22.13	23			1	49
22.18	22.10	22.27	23			1	99
21.53	21.50	21.71	22			50	0
21.55	21.61	21.69	22			50	25
21.60	21.55	21.53	22			50	50
21.64	21.77	21.59	22			100	0
21.03	21.26	21.26	22	64QAM		1	0
20.98	21.13	21.01	22			1	49
21.04	20.91	20.93	22			1	99
20.75	20.54	20.69	21			50	0
20.80	20.75	20.53	21			50	25
20.62	20.80	20.75	21			50	50
20.79	20.56	20.73	21			100	0
18.67	18.90	18.68	19	256QAM		1	0
18.59	18.76	18.70	19			1	49
18.66	18.55	18.75	19			1	99
18.65	18.86	18.60	19			50	0
18.85	18.73	18.64	19			50	25
18.77	18.90	18.77	19			50	50
18.71	18.58	18.84	19			100	0

LTE Band 66 Ant 3							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
132047	132322	132597	Channel				
1717.5	1745	1772.5	Frequency (MHz)				
23.03	23.12	23.00	24	QPSK	15MHz	1	0
23.12	23.08	22.98	24			1	37
22.98	23.19	23.04	24			1	74
22.91	22.72	22.81	23			36	0
22.71	22.70	22.82	23			36	19
22.72	22.79	22.70	23			36	39
22.86	22.82	23.00	23			75	0
22.73	22.85	22.83	23	16QAM		1	0
22.94	22.70	22.56	23			1	37
22.71	22.52	22.79	23			1	74
21.67	21.98	21.75	22			36	0
21.73	21.82	21.76	22			36	19
21.80	21.85	21.95	22			36	39
21.63	21.69	21.78	22			75	0
21.71	21.67	21.53	22	64QAM		1	0
21.97	21.57	21.91	22			1	37
21.53	21.63	21.57	22			1	74
20.62	21.00	20.89	21			36	0
20.83	20.60	20.72	21			36	19
20.69	20.90	20.83	21			36	39
20.77	21.00	20.80	21			75	0
18.97	18.89	18.52	19	256QAM		1	0
18.63	19.00	18.75	19			1	37
18.50	18.51	18.74	19			1	74
18.55	18.65	18.54	19			36	0
18.59	18.93	18.61	19			36	19
18.78	18.73	18.68	19			36	39
18.52	18.51	18.90	19			75	0

LTE Band 66 Ant 3							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
132022	132322	132622	Channel				
1715	1745	1775	Frequency (MHz)				
23.05	23.10	23.18	24	QPSK	10MHz	1	0
23.06	23.08	23.09	24			1	24
23.16	22.91	22.97	24			1	49
22.53	22.70	22.83	23			25	0
22.52	22.66	22.64	23			25	12
22.83	22.94	22.63	23			25	25
22.94	22.71	22.56	23			50	0
22.99	22.62	22.76	23	16QAM		1	0
22.54	22.77	22.65	23			1	24
22.66	22.58	22.78	23			1	49
21.81	21.98	21.52	22			25	0
21.70	21.90	21.92	22			25	12
21.71	21.64	21.71	22			25	25
21.89	21.97	21.89	22			50	0
21.69	21.95	21.78	22	64QAM		1	0
21.69	21.53	21.68	22			1	24
21.62	21.61	21.52	22			1	49
20.59	20.98	20.99	21			25	0
20.90	20.84	20.68	21			25	12
20.76	20.80	20.98	21			25	25
20.90	20.68	20.83	21			50	0
18.80	18.58	18.75	19	256QAM		1	0
18.79	18.70	18.78	19			1	24
18.67	18.50	18.88	19			1	49
18.92	18.69	18.80	19			25	0
18.95	18.74	18.93	19			25	12
18.76	18.82	18.74	19			25	25
18.60	18.52	18.66	19			50	0



LTE Band 66 Ant 3							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
131997	132322	132647	Channel				
1712.5	1745	1777.5	Frequency (MHz)				
23.13	23.11	23.02	24	QPSK	5MHz	1	0
23.17	23.07	23.20	24			1	12
22.90	22.90	23.02	24			1	24
22.79	22.59	22.96	23			12	0
22.50	22.56	22.87	23			12	6
22.51	22.56	22.73	23			12	13
22.67	22.92	22.63	23			25	0
22.99	22.56	22.94	23	16QAM		1	0
22.87	22.88	22.95	23			1	12
22.58	22.85	22.62	23			1	24
21.99	21.52	21.58	22			12	0
21.65	21.64	21.53	22			12	6
21.50	21.59	21.93	22			12	13
21.96	21.92	21.82	22			25	0
21.69	21.59	21.62	22	64QAM		1	0
21.81	21.76	21.84	22			1	12
21.71	21.78	21.60	22			1	24
20.82	20.75	20.63	21			12	0
20.96	20.64	20.71	21			12	6
20.68	20.51	20.91	21			12	13
20.65	20.50	20.89	21			25	0
18.68	18.57	18.71	19	256QAM		1	0
18.63	18.63	18.53	19			1	12
18.98	18.80	18.80	19			1	24
18.78	18.65	18.66	19			12	0
18.99	18.65	19.00	19			12	6
18.95	18.58	18.50	19			12	13
18.86	18.54	18.73	19			25	0

LTE Band 66 Ant 3							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
131987	132322	132657	Channel				
1711.5	1745	1778.5	Frequency (MHz)				
23.15	22.95	23.16	24	QPSK	3MHz	1	0
22.90	23.04	23.03	24			1	7
23.19	23.04	23.07	24			1	14
22.66	22.95	22.84	23			8	0
22.96	22.97	22.97	23			8	3
22.96	22.79	22.95	23			8	7
22.81	22.59	22.77	23			15	0
22.68	22.61	22.97	23	16QAM		1	0
22.59	22.93	22.87	23			1	7
22.85	22.70	22.68	23			1	14
21.56	21.97	21.81	22			8	0
21.50	21.53	21.68	22			8	3
21.95	21.71	21.71	22			8	7
21.79	21.93	21.93	22			15	0
21.79	21.87	21.62	22	64QAM		1	0
21.95	21.60	21.61	22			1	7
21.76	21.56	21.80	22			1	14
20.85	20.67	20.66	21			8	0
20.67	20.77	20.54	21			8	3
20.54	20.99	20.69	21			8	7
20.93	20.87	20.92	21			15	0
18.62	18.78	18.78	19	256QAM		1	0
18.72	18.52	18.87	19			1	7
18.95	18.85	18.72	19			1	14
18.51	18.63	18.95	19			8	0
18.64	18.75	18.61	19			8	3
18.98	18.53	18.83	19			8	7
18.81	18.77	18.85	19			15	0

LTE Band 66 Ant 3							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
131979	132322	132665	Channel				
1710.7	1745	1779.3	Frequency (MHz)				
22.96	23.05	22.97	24	QPSK	1.4MHz	1	0
22.90	23.12	23.08	24			1	2
23.08	22.96	23.12	24			1	5
23.14	23.00	23.12	24			3	0
22.94	22.96	23.13	24			3	1
23.20	23.19	23.03	24			3	3
22.80	22.94	22.60	23			6	0
22.81	22.92	22.68	23	16QAM		1	0
22.93	22.75	22.96	23			1	2
22.57	22.59	23.00	23			1	5
22.68	22.87	22.58	23			3	0
22.77	22.63	22.90	23			3	1
22.87	22.58	22.97	23			3	3
21.90	21.89	21.77	22			6	0
21.68	21.91	21.57	22	64QAM		1	0
21.83	21.82	21.89	22			1	2
21.83	21.66	21.88	22			1	5
21.82	21.62	21.62	22			3	0
21.97	21.91	21.71	22			3	1
21.93	21.78	21.63	22			3	3
20.83	20.88	20.70	21			6	0
18.83	18.61	18.52	19	256QAM		1	0
18.54	18.94	18.75	19			1	2
18.89	18.94	18.96	19			1	5
18.83	18.93	18.87	19			3	0
18.75	18.65	18.74	19			3	1
18.86	18.55	18.50	19			3	3
18.63	18.71	18.66	19			6	0

LTE Band 42 Ant 5							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
43190	43340	43490	Channel				
3560	3575	3590	Frequency (MHz)				
23.61	23.58	23.77	24	QPSK	20MHz	1	0
23.55	23.54	23.64	24			1	49
23.56	23.60	23.50	24			1	99
22.87	22.95	22.97	23			50	0
22.64	22.73	22.56	23			50	25
22.79	22.81	22.89	23			50	50
22.71	22.65	22.84	23			100	0
22.59	22.94	22.66	23	16QAM		1	0
22.60	22.72	22.86	23			1	49
22.85	22.54	22.89	23			1	99
22.00	21.83	21.57	22			50	0
21.67	21.71	21.70	22			50	25
21.66	21.88	21.72	22			50	50
21.50	21.77	21.77	22			100	0
21.67	21.52	21.52	22	64QAM		1	0
21.70	21.92	21.77	22			1	49
21.60	21.91	21.84	22			1	99
20.65	20.65	20.83	21			50	0
20.97	20.77	20.90	21			50	25
20.91	20.86	20.66	21			50	50
20.60	20.98	20.63	21			100	0
18.90	18.64	18.90	19	256QAM		1	0
18.76	18.93	18.50	19			1	49
18.53	18.72	18.79	19			1	99
18.66	18.60	18.66	19			50	0
18.81	18.80	18.90	19			50	25
18.98	18.95	18.83	19			50	50
18.93	18.89	18.61	19			100	0

LTE Band 42 Ant 5							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
43165	43340	43515	Channel				
3557.5	3575	3592.5	Frequency (MHz)				
23.34	23.43	23.43	24	QPSK	15MHz	1	0
23.39	23.34	23.51	24			1	37
23.63	23.46	23.43	24			1	74
22.84	22.76	22.85	23			36	0
22.82	22.76	22.70	23			36	19
22.92	22.68	22.56	23			36	39
22.86	22.51	22.96	23			75	0
22.62	22.60	22.71	23	16QAM		1	0
22.96	22.50	22.94	23			1	37
22.76	22.74	22.58	23			1	74
21.72	21.85	21.84	22			36	0
21.72	21.95	21.90	22			36	19
21.56	21.54	21.90	22			36	39
21.96	21.93	21.92	22			75	0
21.59	21.52	21.80	22	64QAM		1	0
21.68	21.88	21.70	22			1	37
21.78	21.63	21.63	22			1	74
20.55	20.51	20.53	21			36	0
20.59	20.71	20.94	21			36	19
20.99	20.83	20.50	21			36	39
20.65	20.77	20.76	21			75	0
18.58	18.98	18.71	19	256QAM		1	0
18.60	18.73	18.84	19			1	37
18.61	18.88	18.88	19			1	74
18.96	18.62	18.80	19			36	0
18.91	18.66	18.68	19			36	19
18.59	18.87	18.62	19			36	39
18.72	18.82	18.70	19			75	0

LTE Band 42 Ant 5							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
43140	43340	43540	Channel				
3555	3575	3595	Frequency (MHz)				
23.45	23.36	23.56	24	QPSK	10MHz	1	0
23.62	23.37	23.35	24			1	24
23.42	23.49	23.47	24			1	49
22.92	22.73	22.69	23			25	0
22.54	22.77	22.85	23			25	12
22.54	22.89	22.62	23			25	25
22.68	22.79	22.65	23			50	0
23.00	22.89	22.56	23			1	0
22.59	22.87	22.90	23	1		24	
22.56	22.96	22.71	23	1		49	
21.59	21.64	21.85	22	16QAM		25	0
21.94	21.62	21.54	22			25	12
21.90	21.63	21.55	22			25	25
21.53	21.54	21.71	22			50	0
21.91	21.64	21.86	22			1	0
21.69	21.96	21.50	22			1	24
21.61	21.59	21.53	22	1	49		
20.62	20.54	20.99	21	64QAM	25	0	
20.89	20.81	20.81	21		25	12	
20.85	20.60	20.70	21		25	25	
20.71	20.78	20.79	21		50	0	
18.71	18.87	18.80	19		1	0	
18.78	18.68	18.66	19	1	24		
18.63	18.97	18.95	19	1	49		
18.80	18.95	18.90	19	256QAM	25	0	
18.75	18.98	18.82	19		25	12	
18.52	18.79	18.78	19		25	25	
18.98	18.70	18.58	19		50	0	

LTE Band 42 Ant 5							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
43115	43340	43565	Channel				
3552.5	3575	3597.5	Frequency (MHz)				
23.59	23.50	23.44	24	QPSK	5MHz	1	0
23.30	23.58	23.31	24			1	12
23.50	23.31	23.54	24			1	24
22.70	22.81	22.86	23			12	0
22.90	22.52	22.61	23			12	6
22.98	22.58	22.52	23			12	13
22.67	22.55	22.70	23			25	0
22.75	22.75	22.51	23	16QAM		1	0
22.88	22.67	22.94	23			1	12
22.88	22.54	22.79	23			1	24
21.57	21.86	21.96	22			12	0
21.76	21.85	21.87	22			12	6
21.67	21.58	21.72	22			12	13
21.50	21.63	21.94	22			25	0
21.68	21.64	21.90	22	64QAM		1	0
21.86	21.50	21.51	22			1	12
21.72	21.84	21.84	22			1	24
20.92	20.95	20.51	21			12	0
21.00	20.59	20.59	21			12	6
20.82	20.90	20.77	21			12	13
20.59	20.71	20.50	21			25	0
18.54	18.87	18.55	19	256QAM		1	0
18.73	18.99	18.71	19			1	12
18.86	19.00	18.58	19			1	24
18.67	18.91	18.54	19			12	0
18.73	18.62	18.83	19			12	6
18.77	18.57	18.93	19			12	13
18.84	18.87	18.85	19			25	0

LTE Band 43 Ant 5							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
44190	44340	44490	Channel				
3660	3675	3690	Frequency (MHz)				
23.71	23.78	23.73	24	QPSK	20MHz	1	0
23.69	23.71	23.70	24			1	49
23.67	23.60	23.68	24			1	99
22.79	22.93	22.64	23			50	0
22.75	22.62	22.90	23			50	25
22.74	22.75	22.73	23			50	50
22.72	22.96	22.64	23			100	0
22.54	22.50	22.79	23	16QAM		1	0
22.53	22.71	22.63	23			1	49
22.60	22.68	22.71	23			1	99
21.84	21.69	21.73	22			50	0
21.89	21.67	21.74	22			50	25
21.76	21.68	21.84	22			50	50
21.78	21.83	22.00	22	100		0	
21.75	21.61	21.74	22	64QAM		1	0
21.92	21.68	21.56	22			1	49
21.59	21.74	21.58	22			1	99
20.68	20.58	20.62	21			50	0
20.78	20.97	20.94	21			50	25
20.55	20.50	20.58	21			50	50
20.73	20.88	20.64	21	100		0	
18.93	18.69	18.86	19	256QAM		1	0
18.87	18.95	18.55	19			1	49
18.89	18.96	18.95	19			1	99
18.61	18.65	18.83	19			50	0
18.67	18.98	18.96	19			50	25
18.61	18.87	18.84	19			50	50
18.86	18.87	19.00	19			100	0



LTE Band 43 Ant 5							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
44165	44340	44515	Channel				
3657.5	3675	3692.5	Frequency (MHz)				
23.67	23.75	23.71	24	QPSK	15MHz	1	0
23.68	23.74	23.68	24			1	37
23.71	23.69	23.67	24			1	74
22.54	22.78	22.98	23			36	0
22.64	22.72	22.86	23			36	19
22.67	22.80	22.81	23			36	39
22.65	22.52	22.75	23			75	0
22.60	22.87	22.67	23	16QAM		1	0
22.71	22.62	22.76	23			1	37
22.88	22.68	22.85	23			1	74
21.55	21.64	21.70	22			36	0
21.57	21.51	21.51	22			36	19
21.68	21.83	21.89	22			36	39
21.86	21.96	21.51	22			75	0
21.92	21.90	21.61	22	64QAM		1	0
21.63	21.67	21.62	22			1	37
21.98	21.56	21.85	22			1	74
20.87	20.55	20.51	21			36	0
20.61	20.88	20.80	21			36	19
21.00	20.88	20.86	21			36	39
20.72	20.73	20.54	21			75	0
18.87	18.96	18.61	19	256QAM		1	0
18.59	18.52	18.73	19			1	37
18.60	18.87	18.83	19			1	74
18.66	18.68	18.98	19			36	0
18.96	18.80	18.57	19			36	19
18.97	18.91	18.52	19			36	39
18.63	18.73	18.70	19			75	0

LTE Band 43 Ant 5							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
44140	44340	44540	Channel				
3655	3675	3695	Frequency (MHz)				
23.71	23.62	23.63	24	QPSK	10MHz	1	0
23.52	23.50	23.56	24			1	24
23.59	23.50	23.62	24			1	49
22.98	22.97	22.81	23			25	0
22.66	22.63	22.68	23			25	12
22.89	22.53	22.98	23			25	25
22.71	22.64	22.54	23			50	0
22.76	22.79	22.72	23	16QAM		1	0
22.62	22.61	22.62	23			1	24
22.74	22.77	23.00	23			1	49
21.81	21.79	21.58	22			25	0
21.99	21.87	21.88	22			25	12
21.76	21.83	21.62	22			25	25
21.98	21.67	21.61	22			50	0
21.75	21.78	21.59	22	64QAM		1	0
21.96	21.99	21.86	22			1	24
21.60	21.82	21.67	22			1	49
20.79	20.70	20.88	21			25	0
20.95	20.84	20.59	21			25	12
20.56	20.95	20.58	21			25	25
20.89	20.59	20.95	21			50	0
18.91	18.57	18.53	19	256QAM		1	0
18.98	18.87	18.93	19			1	24
18.50	18.78	18.95	19			1	49
18.68	18.70	18.55	19			25	0
18.83	18.77	18.56	19			25	12
18.76	18.64	18.51	19			25	25
18.78	18.68	18.96	19			50	0

LTE Band 43 Ant 5							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
44115	44340	44565	Channel				
3652.5	3675	3697.5	Frequency (MHz)				
23.76	23.72	23.62	24	QPSK	5MHz	1	0
23.73	23.74	23.70	24			1	12
23.73	23.66	23.61	24			1	24
22.81	22.95	22.69	23			12	0
22.74	22.56	22.73	23			12	6
22.73	22.61	23.00	23			12	13
23.00	22.94	22.54	23			25	0
23.00	22.81	22.83	23	16QAM		1	0
22.79	22.99	22.65	23			1	12
22.63	22.94	22.90	23			1	24
21.73	21.85	21.76	22			12	0
21.87	21.58	21.68	22			12	6
21.75	21.92	21.87	22			12	13
21.51	21.96	21.86	22			25	0
21.67	21.64	21.56	22	64QAM		1	0
21.63	21.65	21.96	22			1	12
21.88	21.57	21.74	22			1	24
20.71	20.62	20.60	21			12	0
20.83	20.82	20.92	21			12	6
20.98	20.90	20.88	21			12	13
20.89	20.68	20.57	21			25	0
18.88	18.64	18.68	19	256QAM		1	0
19.00	19.00	18.56	19			1	12
18.67	18.57	18.52	19			1	24
18.94	18.88	18.70	19			12	0
18.76	18.90	18.91	19			12	6
18.90	18.98	18.96	19			12	13
18.93	18.74	18.82	19			25	0

LTE Band 48 Ant 5								
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	Frequency (MHz)				
23.15	23.27	23.38	23.20	24	QPSK	20MHz	1	0
23.18	23.35	23.25	23.24	24			1	49
23.10	23.22	23.18	23.26	24			1	99
22.66	22.61	23.00	22.80	23			50	0
22.63	22.51	22.84	22.89	23			50	25
22.81	22.90	22.72	22.64	23			50	50
22.51	22.73	22.86	22.53	23			100	0
22.99	22.95	22.65	22.87	23	16QAM		1	0
22.80	22.90	22.92	22.67	23			1	49
22.66	22.79	22.54	22.71	23			1	99
21.89	21.96	21.61	22.00	22			50	0
21.93	21.57	21.68	21.92	22			50	25
21.68	21.62	21.55	21.78	22			50	50
21.68	21.55	21.89	21.57	22			100	0
21.81	21.54	21.94	21.70	22	64QAM		1	0
21.68	21.50	21.90	21.55	22			1	49
21.79	21.62	21.97	21.90	22			1	99
20.80	20.55	20.60	20.81	21			50	0
20.81	20.88	20.56	20.89	21			50	25
20.61	20.99	20.84	20.87	21			50	50
20.68	20.63	20.53	20.52	21			100	0
18.78	18.77	18.66	18.57	19	256QAM		1	0
18.57	18.66	18.86	18.95	19			1	49
19.00	18.63	19.00	18.69	19			1	99
18.93	18.78	18.66	19.00	19			50	0
18.67	18.78	18.88	18.77	19			50	25
18.83	18.52	18.75	18.57	19			50	50
18.81	18.63	19.00	18.67	19			100	0

LTE Band 48 Ant 5								
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	Frequency (MHz)				
23.00	23.10	23.13	22.93	24	QPSK	15MHz	1	0
22.98	22.91	22.91	23.01	24			1	37
23.10	23.10	23.08	23.02	24			1	74
22.96	22.84	22.96	22.95	23			36	0
22.81	22.66	22.55	22.94	23			36	19
22.82	22.70	22.55	22.85	23			36	39
22.77	22.84	23.00	22.78	23			75	0
22.71	22.99	22.67	22.93	23	16QAM		1	0
22.83	22.57	22.96	22.95	23			1	37
22.53	22.69	22.80	22.50	23			1	74
21.75	21.90	21.82	21.60	22			36	0
21.97	21.71	22.00	21.97	22			36	19
21.64	21.88	21.62	21.61	22			36	39
21.74	21.81	21.74	21.65	22			75	0
21.54	21.59	21.91	21.70	22	64QAM		1	0
21.77	21.91	21.94	21.57	22			1	37
21.74	21.74	21.92	21.65	22			1	74
20.62	20.88	20.67	20.58	21			36	0
20.96	20.96	20.72	21.00	21			36	19
20.72	20.60	20.62	20.86	21			36	39
20.61	20.79	20.94	20.70	21			75	0
18.91	18.95	18.94	18.85	19	256QAM		1	0
18.98	18.69	18.76	18.99	19			1	37
18.62	18.74	18.67	18.66	19			1	74
18.72	18.82	18.73	18.98	19			36	0
18.77	18.85	18.88	18.58	19			36	19
18.74	18.82	18.90	18.87	19			36	39
18.87	18.52	18.61	18.78	19			75	0

LTE Band 48 Ant 5								
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	Frequency (MHz)				
23.09	23.02	23.03	23.05	24	QPSK	10MHz	1	0
23.07	23.12	23.09	22.91	24			1	24
23.06	22.99	22.96	23.01	24			1	49
22.52	22.71	22.83	22.98	23			25	0
22.78	22.58	22.69	22.74	23			25	12
22.58	22.54	22.80	23.00	23			25	25
22.89	22.53	22.61	22.63	23			50	0
22.98	22.86	22.78	22.68	23	16QAM		1	0
22.75	22.84	22.88	22.93	23			1	24
22.86	22.83	22.87	22.64	23			1	49
21.64	21.60	21.86	21.80	22			25	0
21.78	21.81	21.84	21.93	22			25	12
21.84	21.61	21.65	21.59	22			25	25
21.76	21.89	21.68	21.81	22			50	0
21.84	21.79	21.64	21.92	22	64QAM	1	0	
21.87	21.83	21.89	21.91	22		1	24	
21.82	21.72	21.81	21.71	22		1	49	
20.95	20.80	20.98	20.82	21		25	0	
20.97	20.85	20.75	20.71	21		25	12	
20.68	20.65	20.61	20.73	21		25	25	
20.51	20.53	20.77	20.96	21		50	0	
18.69	18.81	18.79	18.81	19	256QAM	1	0	
18.51	18.74	18.77	18.79	19		1	24	
18.59	18.89	18.81	18.93	19		1	49	
18.91	18.59	18.55	18.89	19		25	0	
18.79	18.55	18.78	18.89	19		25	12	
18.84	18.98	18.70	18.59	19		25	25	
18.93	18.60	18.62	18.63	19		50	0	

LTE Band 48 Ant 5								
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	Frequency (MHz)				
23.10	22.94	23.05	23.01	24	QPSK	5MHz	1	0
23.06	23.14	22.94	22.92	24			1	12
22.96	22.96	23.10	22.94	24			1	24
22.85	22.93	22.80	22.95	23			12	0
22.93	22.85	22.79	22.85	23			12	6
22.76	22.62	22.71	22.61	23			12	13
22.70	22.62	22.96	22.63	23			25	0
22.96	22.95	22.53	22.75	23	16QAM		1	0
22.76	22.95	22.72	22.88	23			1	12
22.96	22.93	22.68	22.75	23			1	24
21.89	21.89	21.65	21.78	22			12	0
21.73	21.65	22.00	21.66	22			12	6
21.68	21.89	21.70	21.78	22			12	13
21.54	21.78	21.50	21.52	22			25	0
21.55	21.98	21.94	21.81	22	64QAM		1	0
21.81	21.94	21.77	21.67	22			1	12
21.52	21.77	21.73	21.79	22			1	24
20.98	20.72	20.60	20.52	21			12	0
20.84	20.78	20.67	20.93	21			12	6
21.00	20.60	20.96	20.95	21			12	13
20.60	20.88	20.56	20.62	21			25	0
18.58	18.84	18.63	18.64	19	256QAM		1	0
18.95	18.71	18.56	18.98	19			1	12
18.99	18.99	18.66	18.96	19			1	24
18.72	18.75	18.97	18.67	19			12	0
18.69	18.82	18.65	18.96	19			12	6
18.89	18.84	18.81	18.84	19			12	13
18.86	18.58	18.68	18.88	19			25	0