

LTE Band 41_PC3 Ant 2									
Maximum Average Power (dBm)					Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
39765	40173	40620	41068	41515	Channel				
2507.5	2548.3	2593	2637.8	2682.5	Frequency (MHz)				
23.65	23.04	22.99	23.09	23.04	24	QPSK	15MHz	1	0
23.75	22.90	23.10	23.18	23.03	24			1	37
23.92	22.93	23.08	22.90	23.03	24			1	74
22.65	22.70	22.64	22.65	22.68	23			36	0
22.53	22.61	22.69	22.60	22.65	23			36	19
22.63	22.64	22.66	22.70	22.67	23			36	39
22.65	22.63	22.63	22.62	22.64	23			75	0
22.66	22.66	22.69	22.67	22.61	23	1		0	
22.55	22.69	22.69	22.70	22.62	23	1		37	
22.65	22.65	22.68	22.62	22.61	23	1		74	
21.61	21.63	21.61	21.70	21.62	22	16QAM		36	0
21.63	21.66	21.67	21.63	21.69	22			36	19
21.68	21.64	21.64	21.63	21.60	22			36	39
21.56	21.67	21.61	21.65	21.62	22			75	0
21.67	21.69	21.63	21.64	21.68	22			1	0
21.56	21.68	21.60	21.67	21.61	22	1		37	
21.65	21.67	21.70	21.65	21.64	22	1		74	
20.63	20.66	20.67	20.63	20.68	21	64QAM		36	0
20.67	20.61	20.69	20.69	20.66	21			36	19
20.51	20.65	20.61	20.62	20.70	21			36	39
20.69	20.64	20.63	20.66	20.70	21			75	0
18.95	18.67	18.66	18.68	18.64	19			1	0
18.53	18.65	18.60	18.69	18.68	19	1		37	
18.99	18.64	18.64	18.60	18.62	19	1		74	
18.55	18.69	18.66	18.67	18.61	19	256QAM		36	0
18.67	18.68	18.61	18.63	18.64	19			36	19
18.61	18.63	18.60	18.70	18.64	19			36	39
18.52	18.67	18.64	18.65	18.66	19			75	0

LTE Band 41_PC3 Ant 2									
Maximum Average Power (dBm)					Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
39740	40160	40620	41080	41540	Channel				
2505	2547	2593	2639	2685	Frequency (MHz)				
23.92	22.90	22.95	23.20	23.16	24	QPSK	10MHz	1	0
23.88	23.15	22.95	23.13	22.94	24			1	24
23.72	23.12	23.05	22.94	23.17	24			1	49
22.68	22.69	22.70	22.69	22.69	23			25	0
22.66	22.67	22.65	22.64	22.63	23			25	12
22.57	22.66	22.67	22.67	22.69	23			25	25
22.68	22.61	22.60	22.61	22.69	23			50	0
22.51	22.63	22.69	22.63	22.63	23	16QAM		1	0
22.68	22.66	22.68	22.60	22.68	23			1	24
22.68	22.68	22.69	22.68	22.63	23			1	49
21.54	21.60	21.68	21.61	21.60	22			25	0
21.54	21.69	21.65	21.63	21.69	22			25	12
21.54	21.70	21.70	21.70	21.70	22			25	25
21.61	21.63	21.62	21.68	21.69	22			50	0
21.68	21.69	21.69	21.61	21.68	22	64QAM		1	0
21.50	21.69	21.61	21.70	21.69	22			1	24
21.63	21.62	21.64	21.65	21.60	22			1	49
20.63	20.65	20.65	20.68	20.68	21			25	0
20.57	20.69	20.67	20.65	20.69	21			25	12
20.62	20.61	20.69	20.67	20.69	21			25	25
20.65	20.62	20.69	20.62	20.66	21			50	0
18.91	18.64	18.68	18.60	18.70	19	256QAM		1	0
18.84	18.63	18.69	18.65	18.61	19			1	24
18.75	18.70	18.65	18.68	18.65	19			1	49
18.60	18.60	18.70	18.60	18.66	19			25	0
18.71	18.62	18.64	18.60	18.68	19			25	12
18.99	18.67	18.64	18.66	18.68	19			25	25
18.72	18.69	18.67	18.68	18.65	19			50	0

LTE Band 41_PC3 Ant 2										
Maximum Average Power (dBm)					Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset	
39715	40148	40620	41093	41565	Channel					
2502.5	2545.8	2593	2640.3	2687.5	Frequency (MHz)					
23.73	23.07	23.08	23.20	22.94	24	QPSK	5MHz	1	0	
23.84	23.14	23.00	22.97	23.12	24			1	12	
23.66	23.06	23.04	23.06	22.97	24			1	24	
22.70	22.64	22.60	22.70	22.67	23			12	0	
22.66	22.64	22.60	22.68	22.67	23			12	6	
22.55	22.69	22.67	22.70	22.68	23			12	13	
22.57	22.61	22.63	22.65	22.65	23			25	0	
22.70	22.70	22.64	22.61	22.65	23	1		0		
22.68	22.70	22.67	22.68	22.65	23	1		12		
22.64	22.68	22.64	22.63	22.65	23	1		24		
21.68	21.69	21.66	21.68	21.66	22	16QAM		12	0	
21.55	21.61	21.70	21.63	21.62	22			12	6	
21.51	21.63	21.68	21.69	21.68	22			12	13	
21.61	21.61	21.65	21.67	21.61	22			25	0	
21.57	21.62	21.65	21.70	21.64	22			1	0	
21.51	21.63	21.63	21.63	21.63	22			1	12	
21.64	21.60	21.64	21.60	21.64	22			1	24	
20.66	20.63	20.64	20.64	20.70	21	64QAM		12	0	
20.64	20.70	20.60	20.69	20.67	21			12	6	
20.65	20.64	20.60	20.67	20.61	21			12	13	
20.67	20.65	20.68	20.68	20.62	21			25	0	
18.82	18.61	18.61	18.64	18.64	19			1	0	
18.68	18.64	18.63	18.60	18.61	19	1		12		
18.86	18.65	18.65	18.62	18.70	19	1		24		
18.57	18.61	18.67	18.70	18.68	19	256QAM		12	0	
18.50	18.60	18.60	18.66	18.68	19			12	6	
18.87	18.63	18.70	18.61	18.70	19			12	13	
18.51	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)				
23.68	23.78	23.61	24	QPSK	20MHz	1	0
23.65	23.66	23.72	24			1	49
23.52	23.70	23.60	24			1	99
22.73	22.71	22.50	23			50	0
22.56	22.50	22.61	23			50	25
22.61	22.59	22.54	23			50	50
22.78	22.63	22.78	23			100	0
22.12	21.99	22.04	23	16QAM		1	0
22.02	21.95	22.20	23			1	49
22.15	22.02	22.03	23			1	99
21.75	21.66	21.52	22			50	0
21.69	21.78	21.53	22			50	25
21.56	21.69	21.76	22			50	50
21.79	21.79	21.68	22			100	0
20.90	21.10	20.91	22	64QAM		1	0
20.92	21.18	20.96	22			1	49
20.96	21.28	21.03	22			1	99
20.52	20.66	20.63	21			50	0
20.80	20.70	20.73	21			50	25
20.56	20.50	20.57	21			50	50
20.64	20.61	20.56	21			100	0
18.85	18.84	18.74	19	256QAM		1	0
18.54	18.71	18.66	19			1	49
18.51	18.72	18.71	19			1	99
18.75	18.63	18.70	19			50	0
18.77	18.73	18.80	19			50	25
18.64	18.71	18.70	19			50	50
18.60	18.57	18.68	19			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)					
23.53	23.42	23.57	24	QPSK	15MHz	1	0	
23.43	23.66	23.75	24			1	37	
23.49	23.69	23.44	24			1	74	
22.67	22.70	22.70	23			36	0	
22.66	22.61	22.51	23			36	19	
22.59	22.67	22.61	23			36	39	
22.65	22.64	22.58	23			75	0	
22.61	22.63	22.64	23	16QAM		1	0	
22.53	22.59	22.58	23			1	37	
22.54	22.67	22.56	23			1	74	
21.64	21.64	21.69	22			36	0	
21.61	21.61	21.64	22			36	19	
21.50	21.67	21.51	22			36	39	
21.54	21.52	21.63	22			75	0	
21.61	21.53	21.57	22	64QAM		1	0	
21.53	21.62	21.52	22			1	37	
21.56	21.66	21.55	22			1	74	
20.55	20.62	20.69	21			36	0	
20.62	20.66	20.53	21			36	19	
20.61	20.54	20.56	21			36	39	
20.63	20.63	20.58	21			75	0	
18.58	18.71	18.74	19	256QAM		1	0	
18.96	18.95	18.56	19			1	37	
18.67	18.66	18.94	19			1	74	
18.66	18.78	18.82	19			36	0	
18.52	18.97	18.84	19			36	19	
18.54	18.80	18.61	19			36	39	
18.53	18.82	18.68	19			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)				
23.60	23.71	23.66	24	QPSK	10MHz	1	0
23.43	23.42	23.69	24			1	24
23.73	23.51	23.56	24			1	49
22.59	22.57	22.54	23			25	0
22.59	22.65	22.50	23			25	12
22.65	22.61	22.58	23			25	25
22.60	22.65	22.65	23			50	0
22.67	22.63	22.51	23	16QAM		1	0
22.54	22.65	22.57	23			1	24
22.51	22.67	22.63	23			1	49
21.51	21.65	21.58	22			25	0
21.50	21.70	21.65	22			25	12
21.69	21.67	21.66	22			25	25
21.51	21.50	21.51	22			50	0
21.56	21.58	21.55	22	64QAM		1	0
21.65	21.70	21.69	22			1	24
21.61	21.64	21.66	22			1	49
20.59	20.68	20.55	21			25	0
20.53	20.70	20.62	21			25	12
20.50	20.54	20.56	21			25	25
20.51	20.51	20.64	21			50	0
18.68	18.62	18.58	19	256QAM		1	0
18.59	18.92	18.89	19			1	24
18.88	18.82	18.95	19			1	49
18.65	18.53	18.72	19			25	0
18.84	18.79	18.61	19			25	12
18.93	18.82	18.84	19			25	25
18.99	18.66	19.00	19			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)				
23.52	23.58	23.56	24	QPSK	5MHz	1	0
23.41	23.68	23.58	24			1	12
23.41	23.45	23.42	24			1	24
22.64	22.61	22.50	23			12	0
22.55	22.55	22.52	23			12	6
22.54	22.59	22.54	23			12	13
22.50	22.65	22.56	23			25	0
22.57	22.62	22.68	23	16QAM		1	0
22.66	22.50	22.56	23			1	12
22.70	22.53	22.62	23			1	24
21.61	21.70	21.62	22			12	0
21.60	21.62	21.66	22			12	6
21.68	21.61	21.65	22			12	13
21.67	21.58	21.55	22			25	0
21.70	21.58	21.55	22	64QAM		1	0
21.64	21.55	21.66	22			1	12
21.64	21.60	21.55	22			1	24
20.60	20.67	20.58	21			12	0
20.56	20.56	20.62	21			12	6
20.52	20.65	20.62	21			12	13
20.51	20.58	20.61	21			25	0
18.79	18.67	18.69	19	256QAM		1	0
18.68	18.96	18.86	19			1	12
18.80	18.66	18.61	19			1	24
18.58	18.83	18.61	19			12	0
18.56	18.68	18.92	19			12	6
18.92	18.66	18.62	19			12	13
18.62	18.85	18.50	19			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)				
23.70	23.75	23.70	24	QPSK	3MHz	1	0
23.52	23.59	23.65	24			1	7
23.46	23.50	23.43	24			1	14
22.51	22.55	22.53	23			8	0
22.53	22.55	22.58	23			8	3
22.65	22.66	22.64	23			8	7
22.64	22.69	22.70	23			15	0
22.55	22.66	22.65	23	16QAM		1	0
22.54	22.58	22.64	23			1	7
22.65	22.64	22.70	23			1	14
21.69	21.67	21.56	22			8	0
21.66	21.66	21.70	22			8	3
21.57	21.65	21.56	22			8	7
21.52	21.50	21.53	22			15	0
21.54	21.60	21.57	22	64QAM		1	0
21.51	21.65	21.54	22			1	7
21.59	21.54	21.59	22			1	14
20.63	20.65	20.63	21			8	0
20.65	20.56	20.68	21			8	3
20.52	20.53	20.68	21			8	7
20.52	20.55	20.62	21			15	0
18.80	18.79	18.72	19	256QAM		1	0
18.80	18.52	18.86	19			1	7
18.94	18.88	18.97	19			1	14
18.57	18.56	18.82	19			8	0
18.84	18.86	18.71	19			8	3
18.81	18.75	18.76	19			8	7
18.66	18.55	18.79	19			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)						
23.42	23.51	23.42	24	QPSK	1.4MHz	1	0		
23.43	23.74	23.66	24			1	2		
23.67	23.68	23.72	24			1	5		
23.06	23.25	23.17	24			3	0		
23.23	23.19	22.96	24			3	1		
23.18	22.99	23.13	24			3	3		
22.14	21.95	22.09	23	16QAM		6	0		
22.55	22.51	22.69	23			1	0		
22.55	22.57	22.52	23			1	2		
22.64	22.50	22.64	23			1	5		
22.59	22.69	22.53	23			3	0		
22.51	22.58	22.67	23			3	1		
22.57	22.63	22.62	23	64QAM		3	3		
21.61	21.63	21.53	22			1.4MHz	6	0	
21.52	21.66	21.50	22				1	0	
21.55	21.60	21.63	22				1	2	
21.54	21.51	21.65	22				1	5	
21.58	21.55	21.61	22				3	0	
21.62	21.62	21.70	22	3			1		
21.63	21.52	21.56	22	256QAM			3	3	
20.62	20.59	20.54	21				1.4MHz	6	0
18.65	18.92	18.88	19					1	0
18.72	18.81	18.93	19					1	2
18.84	18.84	18.74	19					1	5
18.89	18.88	18.73	19		3			0	
18.52	18.85	18.73	19	3	1				
18.70	18.57	18.59	19	256QAM	3			3	
18.71	18.84	18.52	19		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	16QAM		6	0
22.82	22.58	22.87	23			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	64QAM		3	3
21.90	21.98	21.84	22			6	0
21.85	21.94	21.90	22			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	256QAM		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			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			100	0
21.25	21.27	21.29	22	64QAM		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			50	50
20.71	20.80	20.56	21			100	0
18.53	18.69	18.62	19	256QAM		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	64QAM		6	0
22.00	21.86	21.83	22			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)				
23.17	24	QPSK	10MHz	1	0
23.02	24			1	24
22.97	24			1	49
22.72	23			25	0
22.52	23			25	12
22.54	23			25	25
22.50	23			50	0
21.93	23	16QAM		1	0
22.29	23			1	24
22.19	23			1	49
21.51	22			25	0
21.79	22			25	12
21.71	22			25	25
21.70	22			50	0
21.10	22	64QAM		1	0
20.95	22			1	24
21.23	22			1	49
20.73	21			25	0
20.55	21			25	12
20.68	21			25	25
20.58	21			50	0
18.85	19	256QAM		1	0
18.54	19			1	24
18.78	19			1	49
18.71	19			25	0
18.89	19			25	12
18.82	19			25	25
18.51	19			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)				
23.05	23.09	22.93	24	QPSK	5MHz	1	0
22.97	23.16	22.97	24			1	12
22.95	22.95	23.03	24			1	24
22.76	22.85	22.59	23			12	0
22.68	23.00	22.80	23			12	6
22.87	22.70	22.82	23			12	13
22.70	22.95	22.53	23			25	0
22.61	22.58	22.64	23	16QAM		1	0
22.76	22.94	22.78	23			1	12
22.51	22.79	22.68	23			1	24
21.92	21.67	21.83	22			12	0
21.89	21.54	21.70	22			12	6
21.67	21.82	21.93	22			12	13
21.86	21.88	21.74	22			25	0
21.64	21.61	21.75	22	64QAM		1	0
21.65	21.57	21.55	22			1	12
21.54	21.59	21.82	22			1	24
20.88	20.98	20.98	21			12	0
20.79	20.82	20.51	21			12	6
20.79	20.60	20.64	21			12	13
20.98	20.64	20.65	21			25	0
18.74	18.80	18.67	19	256QAM		1	0
18.72	18.66	18.99	19			1	12
18.93	18.82	18.65	19			1	24
18.64	18.76	18.78	19			12	0
18.86	18.82	18.92	19			12	6
18.57	18.89	18.59	19			12	13
18.50	18.59	18.60	19			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-low Ant 3					
Maximum Average Power (dBm)	Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
38750	Channel				
2310	Frequency (MHz)				
23.24	24	QPSK	10MHz	1	0
22.97	24			1	24
23.23	24			1	49
22.68	23			25	0
22.51	23			25	12
22.52	23			25	25
22.70	23			50	0
22.18	23	16QAM		1	0
22.23	23			1	24
22.26	23			1	49
21.68	22			25	0
21.61	22			25	12
21.66	22			25	25
21.61	22			50	0
21.03	22	64QAM		1	0
21.18	22			1	24
21.10	22			1	49
20.59	21			25	0
20.61	21			25	12
20.63	21			25	25
20.60	21			50	0
18.79	19	256QAM		1	0
18.86	19			1	24
18.55	19			1	49
18.87	19			25	0
18.58	19			25	12
18.66	19			25	25
18.65	19			50	0

LTE Band 40-low Ant 3							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
38725	38750	38775	Channel				
2307.5	2310	2312.5	Frequency (MHz)				
22.92	23.20	22.96	24	QPSK	5MHz	1	0
22.90	23.01	23.10	24			1	12
22.99	23.09	23.11	24			1	24
22.66	22.62	22.63	23			12	0
22.76	22.84	22.95	23			12	6
22.50	22.78	22.83	23			12	13
22.75	22.59	22.83	23			25	0
22.66	22.51	22.74	23	16QAM		1	0
22.99	22.92	22.67	23			1	12
22.50	22.98	22.69	23			1	24
21.70	21.72	21.62	22			12	0
21.81	21.87	21.75	22			12	6
21.70	21.62	21.51	22			12	13
21.54	21.93	21.67	22			25	0
21.96	21.56	21.77	22	64QAM		1	0
21.58	21.97	21.70	22			1	12
21.77	21.97	21.81	22			1	24
20.91	20.78	20.60	21			12	0
20.60	20.68	20.87	21			12	6
20.82	20.70	21.00	21			12	13
20.80	20.92	20.64	21			25	0
18.77	18.82	18.96	19	256QAM		1	0
18.94	18.88	18.66	19			1	12
18.68	18.69	18.92	19			1	24
18.60	18.98	18.98	19			12	0
18.61	18.86	18.51	19			12	6
18.65	18.59	18.59	19			12	13
18.94	18.73	18.64	19			25	0

LTE Band 40-High Ant 3					
Maximum Average Power (dBm)	Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
39200	Channel				
2355	Frequency (MHz)				
23.27	24	QPSK	10MHz	1	0
23.25	24			1	24
23.24	24			1	49
22.78	23			25	0
22.53	23			25	12
22.66	23			25	25
22.72	23			50	0
22.20	23	16QAM		1	0
22.05	23			1	24
21.99	23			1	49
21.55	22			25	0
21.79	22			25	12
21.65	22			25	25
21.67	22			50	0
21.12	22	64QAM		1	0
20.91	22			1	24
21.00	22			1	49
20.62	21			25	0
20.70	21			25	12
20.79	21			25	25
20.79	21			50	0
18.52	19	256QAM		1	0
18.75	19			1	24
18.75	19			1	49
18.84	19			25	0
18.87	19			25	12
18.65	19			25	25
18.69	19			50	0

LTE Band 40-High Ant 3							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
39175	39200	39225	Channel				
2352.5	2355	2357.5	Frequency (MHz)				
23.07	23.20	23.14	24	QPSK	5MHz	1	0
23.09	23.00	23.15	24			1	12
22.92	23.01	23.07	24			1	24
22.80	22.95	22.50	23			12	0
22.88	22.77	22.71	23			12	6
22.73	22.78	22.89	23			12	13
22.84	22.88	22.57	23			25	0
22.85	22.65	22.57	23	16QAM		1	0
22.85	22.92	22.51	23			1	12
22.92	22.64	22.54	23			1	24
21.82	21.70	21.93	22			12	0
21.54	21.71	21.81	22			12	6
21.57	21.70	21.85	22			12	13
21.66	21.76	21.77	22			25	0
21.76	21.53	21.81	22	64QAM		1	0
21.63	21.57	21.76	22			1	12
21.89	21.52	21.88	22			1	24
20.95	20.77	20.88	21			12	0
20.55	20.91	20.91	21			12	6
20.66	20.56	20.61	21			12	13
20.53	20.59	20.80	21			25	0
18.91	18.55	18.67	19	256QAM		1	0
18.62	18.92	18.75	19			1	12
18.52	18.85	18.64	19			1	24
18.50	18.89	18.99	19			12	0
18.55	18.60	18.84	19			12	6
18.94	18.90	18.84	19			12	13
18.59	18.76	18.53	19			25	0

LTE Band 41_PC3 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)				
23.91	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	22.73	22.65	22.74	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_PC3 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)				
23.70	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	256QAM		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			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_PC3 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)				
23.84	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			50	0
21.50	21.61	21.51	22.00	21.94	22	64QAM		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			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	256QAM		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_PC3 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)				
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	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	16QAM		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			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	64QAM		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 41_PC3 Ant 3									
Maximum Average Power (dBm)					Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
39790	40185	40620	41055	41490	Channel				
2510	2549.5	2593	2636.5	2680	Frequency (MHz)				
23.82	23.80	23.93	23.81	23.92	24	QPSK	20MHz	1	0
23.74	23.82	23.81	23.89	23.76	24			1	49
23.85	23.87	23.84	23.83	23.85	24			1	99
22.51	22.52	22.73	22.65	22.74	23			50	0
22.70	22.73	22.59	22.69	22.53	23			50	25
22.72	22.71	22.53	22.58	22.71	23			50	50
22.72	22.58	22.64	22.59	22.80	23			100	0
21.97	22.18	21.91	21.91	22.27	23	16QAM		1	0
22.24	22.09	22.18	22.12	21.98	23			1	49
22.04	22.12	22.26	22.03	22.20	23			1	99
21.53	21.66	21.54	21.52	21.53	22			50	0
21.50	21.69	21.55	21.66	21.75	22			50	25
21.72	21.61	21.58	21.62	21.69	22			50	50
21.72	21.78	21.50	21.58	21.52	22			100	0
21.13	21.15	21.01	21.28	21.03	22	64QAM		1	0
21.00	21.04	20.98	21.18	20.95	22			1	49
21.30	21.12	21.03	21.06	20.95	22			1	99
20.77	20.80	20.74	20.65	20.56	21			50	0
20.61	20.51	20.75	20.67	20.75	21			50	25
20.56	20.56	20.54	20.59	20.70	21			50	50
20.73	20.50	20.52	20.69	20.76	21		100	0	
18.77	18.59	18.68	18.86	18.58	19	256QAM	1	0	
18.76	18.66	18.83	18.72	18.58	19		1	49	
18.65	18.67	18.53	18.89	18.90	19		1	99	
18.86	18.83	18.65	18.74	18.72	19		50	0	
18.81	18.76	18.75	18.81	18.83	19		50	25	
18.62	18.81	18.56	18.89	18.54	19		50	50	
18.78	18.85	18.78	18.65	18.59	19		100	0	

LTE Band 41_PC3 Ant 2									
Maximum Average Power (dBm)					Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
39765	40173	40620	41068	41515	Channel				
2507.5	2548.3	2593	2637.8	2682.5	Frequency (MHz)				
23.79	23.69	23.75	23.72	23.68	24	QPSK	15MHz	1	0
23.79	23.76	23.68	23.91	23.80	24			1	37
23.81	23.89	23.72	23.70	23.77	24			1	74
22.79	22.69	22.69	22.67	22.96	23			36	0
22.90	22.55	22.58	22.76	22.98	23			36	19
22.84	22.88	22.53	22.84	22.83	23			36	39
22.51	22.64	22.70	22.63	22.66	23			75	0
22.85	22.84	22.79	22.66	22.82	23	16QAM		1	0
22.93	22.97	22.88	22.98	22.81	23			1	37
22.80	22.61	22.99	22.52	22.71	23			1	74
21.76	21.63	21.65	21.79	21.81	22			36	0
21.92	21.82	21.61	21.89	21.93	22			36	19
21.62	21.92	21.87	21.83	21.87	22			36	39
21.53	21.97	21.95	21.94	21.82	22			75	0
21.61	21.67	21.52	21.79	21.64	22	64QAM		1	0
21.64	21.67	21.97	21.86	21.50	22			1	37
21.88	21.83	21.92	21.76	22.00	22			1	74
20.63	20.87	20.87	20.77	20.50	21			36	0
20.61	20.96	20.77	20.79	20.71	21			36	19
20.94	20.75	20.85	20.71	20.86	21			36	39
20.89	20.91	20.75	20.73	20.70	21			75	0
18.59	18.88	18.64	18.61	18.50	19	256QAM		1	0
18.67	18.73	18.56	18.52	18.79	19			1	37
18.56	18.78	18.68	18.78	18.97	19			1	74
18.67	18.82	18.65	18.81	18.52	19			36	0
18.79	18.87	18.51	18.79	18.51	19			36	19
18.96	18.87	18.71	18.50	18.90	19			36	39
18.86	18.55	18.62	18.51	18.57	19			75	0

LTE Band 41_PC3 Ant 2									
Maximum Average Power (dBm)					Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
39740	40160	40620	41080	41540	Channel				
2505	2547	2593	2639	2685	Frequency (MHz)				
23.83	23.63	23.85	23.74	23.85	24	QPSK	10MHz	1	0
23.87	23.85	23.86	23.66	23.79	24			1	24
23.76	23.79	23.89	23.86	23.74	24			1	49
22.79	22.73	22.71	22.90	22.83	23			25	0
22.59	22.61	22.88	22.84	22.96	23			25	12
22.92	22.83	22.61	22.96	22.71	23			25	25
22.97	22.85	22.63	22.99	22.56	23			50	0
22.93	22.61	22.73	22.80	22.79	23	1		0	
22.78	22.52	22.55	22.83	22.96	23	1		24	
22.63	22.93	22.53	22.64	23.00	23	1		49	
21.71	21.83	21.69	21.83	21.91	22	16QAM		25	0
21.92	21.79	21.70	21.55	21.63	22			25	12
21.55	21.75	21.68	21.51	21.61	22			25	25
21.97	21.89	21.54	21.84	21.54	22			50	0
21.60	21.61	21.51	22.00	21.94	22			1	0
21.73	21.94	21.63	21.96	21.85	22			1	24
21.95	21.53	21.85	21.59	21.51	22			1	49
20.53	20.52	20.60	20.56	20.76	21	64QAM		25	0
20.70	20.58	20.71	20.54	20.51	21			25	12
20.95	20.67	20.76	20.80	20.67	21			25	25
20.87	20.73	20.65	20.83	20.69	21			50	0
18.99	18.82	18.79	18.79	18.50	19			1	0
18.68	18.86	18.98	18.63	18.73	19	1		24	
18.77	18.92	18.57	18.71	18.66	19	1		49	
18.83	18.58	18.53	18.66	18.77	19	256QAM		25	0
18.63	18.53	18.81	18.89	18.78	19			25	12
18.84	18.74	18.78	18.63	18.92	19			25	25
18.73	18.92	18.65	18.53	18.97	19			50	0

LTE Band 41_PC3 Ant 2									
Maximum Average Power (dBm)					Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
39715	40148	40620	41093	41565	Channel				
2502.5	2545.8	2593	2640.3	2687.5	Frequency (MHz)				
23.60	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
23.66	23.79	23.70	23.66	23.70	24			1	24
22.66	22.90	22.53	22.97	22.78	23			12	0
22.86	22.74	22.69	22.63	22.81	23			12	6
22.54	22.53	22.51	22.57	22.67	23			12	13
22.62	22.54	22.74	22.81	22.72	23			25	0
22.93	22.87	22.84	22.51	22.68	23	1		0	
22.50	22.96	22.67	22.94	22.72	23	1		12	
22.64	22.79	22.87	22.64	22.50	23	1		24	
21.94	21.64	21.80	21.85	21.84	22	16QAM		12	0
21.68	21.75	21.51	21.57	21.94	22			12	6
21.68	21.52	21.86	21.57	21.91	22			12	13
21.79	21.71	21.98	21.83	21.97	22			25	0
21.82	21.84	21.72	21.51	21.56	22			1	0
21.72	21.53	21.91	21.97	21.67	22			1	12
21.71	21.64	21.63	21.70	21.51	22			1	24
20.95	20.84	20.65	20.89	20.67	21	64QAM		12	0
20.81	20.62	20.80	20.68	20.83	21			12	6
20.79	20.71	20.54	20.71	20.51	21			12	13
20.82	20.56	20.64	20.87	20.83	21			25	0
18.79	18.85	18.54	18.90	18.50	19			1	0
18.80	18.93	18.79	18.72	18.79	19	1		12	
18.78	18.53	18.91	18.50	18.93	19	1		24	
18.69	18.81	18.76	18.82	18.95	19	256QAM		12	0
18.93	18.65	18.99	18.69	18.91	19			12	6
18.97	18.61	18.68	18.80	18.90	19			12	13
18.73	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	22.92	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	16QAM		6	0
22.81	22.92	22.68	23			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	64QAM		3	3
21.90	21.89	21.77	22			6	0
21.68	21.91	21.57	22			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	256QAM		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			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 4							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
43190	43340	43490	Channel				
3560	3575	3590	Frequency (MHz)				
22.82	23.07	22.81	24	QPSK	20 MHz	1	0
22.78	22.69	22.76	24			1	49
22.68	22.58	22.69	24			1	99
21.77	21.82	21.75	23			50	0
21.80	21.69	21.65	23			50	25
21.62	21.71	21.55	23			50	50
21.92	21.94	21.88	23			100	0
21.84	21.80	21.79	23	16QAM		1	0
21.76	21.67	21.74	23			1	49
21.66	21.56	21.67	23			1	99
20.80	20.75	20.73	22			50	0
20.78	20.67	20.63	22			50	25
20.69	20.60	20.53	22			50	50
20.90	20.86	20.92	22			100	0
20.80	20.76	20.75	22	64QAM		1	0
20.72	20.63	20.70	22			1	49
20.62	20.52	20.63	22			1	99
19.76	19.71	19.69	21			50	0
19.74	19.63	19.59	21			50	25
19.65	19.56	19.49	21			50	50
19.86	19.82	19.88	21			100	0
18.86	18.55	18.80	19	256QAM		1	0
18.99	18.51	18.68	19			1	49
18.54	18.68	18.63	19			1	99
18.69	18.66	18.94	19			50	0
18.67	18.51	18.89	19			50	25
18.90	18.61	18.75	19			50	50
18.60	19.00	19.00	19			100	0

LTE Band 42 Ant 4							
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)				
22.88	22.67	22.90	24	QPSK	15 MHz	1	0
22.64	22.61	22.63	24			1	37
22.59	22.74	22.76	24			1	74
21.57	21.69	21.52	23			36	0
21.53	21.59	21.52	23			36	19
21.52	21.69	21.92	23			36	39
21.87	21.92	21.58	23			75	0
22.00	21.56	21.93	23	1		0	
21.72	21.70	21.53	23	1		37	
21.74	22.00	21.58	23	1		74	
20.59	20.87	20.51	22	16QAM		36	0
20.86	20.82	20.98	22	36		19	
20.82	20.61	20.86	22	36		39	
20.51	20.79	20.95	22	75		0	
20.61	20.51	20.69	22	1		0	
20.82	20.57	20.59	22	1		37	
20.70	20.93	20.83	22	1		74	
19.88	19.99	19.90	21	64QAM		36	0
19.72	19.64	19.91	21	36		19	
19.50	19.67	19.74	21	36		39	
19.57	20.00	19.61	21	75		0	
17.78	18.00	17.68	19	1		0	
17.69	17.82	17.93	19	1		37	
17.68	17.64	17.50	19	1		74	
17.87	17.67	17.71	19	256QAM		36	0
17.71	17.70	17.81	19	36		19	
17.55	17.79	17.75	19	36		39	
17.51	17.91	17.59	19	75		0	

LTE Band 42 Ant 4							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
43140	43340	43540	Channel				
3555	3575	3595	Frequency (MHz)				
22.75	22.72	22.85	24	QPSK	10 MHz	1	0
22.90	22.85	22.88	24			1	24
22.90	22.87	22.90	24			1	49
21.89	21.97	21.71	23			25	0
21.65	21.64	21.95	23			25	12
21.89	22.00	21.96	23			25	25
21.72	21.51	21.51	23			50	0
21.91	21.76	21.64	23	16QAM		1	0
21.82	21.58	21.72	23			1	24
21.55	21.80	21.91	23			1	49
20.54	20.76	20.97	22			25	0
20.94	20.81	20.59	22			25	12
20.77	20.70	20.82	22			25	25
20.73	20.54	20.87	22			50	0
20.96	20.66	20.82	22	64QAM		1	0
20.75	20.98	20.52	22			1	24
20.64	21.00	20.96	22			1	49
19.65	19.85	19.59	21			25	0
19.50	19.67	19.80	21			25	12
19.76	19.70	19.59	21			25	25
19.51	19.89	19.90	21			50	0
17.96	17.53	17.73	19	256QAM		1	0
17.78	17.81	17.63	19			1	24
17.60	17.67	17.61	19			1	49
17.63	17.50	17.96	19			25	0
17.57	17.78	17.79	19			25	12
17.80	18.00	17.78	19			25	25
17.98	17.84	17.81	19			50	0

LTE Band 42 Ant 4							
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)				
22.64	22.85	22.79	24	QPSK	5 MHz	1	0
22.94	22.67	22.55	24			1	12
23.00	22.84	22.52	24			1	24
21.58	21.65	21.65	23			12	0
21.75	21.75	21.98	23			12	6
21.77	21.94	21.82	23			12	13
21.52	21.67	21.66	23			25	0
21.72	21.64	21.88	23	16QAM		1	0
21.53	21.90	21.63	23			1	12
21.61	21.84	21.57	23			1	24
20.62	20.86	20.70	22			12	0
20.90	20.63	20.88	22			12	6
20.76	20.74	20.70	22			12	13
20.68	20.91	20.82	22			25	0
20.60	20.66	20.80	22	64QAM		1	0
20.82	20.78	20.96	22			1	12
20.74	20.69	20.87	22			1	24
19.56	19.80	19.72	21			12	0
19.94	19.91	19.55	21			12	6
19.86	19.55	19.65	21			12	13
19.50	19.89	19.86	21			25	0
17.50	17.69	17.86	19	256QAM		1	0
17.88	17.99	17.82	19			1	12
17.90	17.58	18.00	19			1	24
17.69	17.65	17.79	19			12	0
17.51	17.95	17.66	19			12	6
17.50	17.97	17.95	19			12	13
17.79	17.76	17.50	19			25	0

LTE Band 42 Ant 4								
Maximum Average Power (dBm)				Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
42190	42623	43057	43490	Channel				
3460	3503.3	3546.7	3590	Frequency (MHz)				
22.45	22.83	22.87	22.81	24	QPSK	20 MHz	1	0
22.82	22.78	22.41	22.76	24			1	49
22.69	22.65	22.32	22.69	24			1	99
21.41	21.81	21.85	21.77	23			50	0
21.80	21.76	21.33	21.72	23			50	25
21.67	21.63	21.25	21.65	23			50	50
21.65	21.74	21.82	21.75	23	100		0	
21.85	21.81	21.43	21.79	23	16QAM		1	0
21.80	21.76	21.39	21.74	23			1	49
21.67	21.63	21.30	21.67	23			1	99
20.83	20.79	20.39	20.75	22			50	0
20.78	20.74	20.31	20.70	22			50	25
20.65	20.61	20.23	20.63	22			50	50
20.80	20.72	20.33	20.73	22	100		0	
20.79	20.75	20.37	20.73	22	64QAM		1	0
20.74	20.70	20.33	20.68	22			1	49
20.61	20.57	20.24	20.61	22			1	99
19.77	19.73	19.33	19.69	21			50	0
19.72	19.68	19.25	19.64	21			50	25
19.59	19.55	19.17	19.57	21			50	50
19.74	19.66	19.27	19.67	21	100		0	
18.50	18.57	18.72	18.95	19	256QAM		1	0
18.96	18.55	18.79	18.98	19			1	49
18.66	18.93	18.63	18.92	19			1	99
18.95	18.55	18.80	18.84	19			50	0
18.81	18.87	18.90	18.91	19			50	25
18.57	18.56	18.64	18.89	19			50	50
18.87	18.83	18.58	18.86	19	100		0	

LTE Band 42 Ant 4								
Maximum Average Power (dBm)				Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
42165	42615	43065	43515	Channel				
3457.5	3502.5	3547.5	3592.5	Frequency (MHz)				
22.82	22.78	22.40	22.76	24	QPSK	15 MHz	1	0
22.77	22.73	22.36	22.71	24			1	37
22.64	22.60	22.27	22.64	24			1	74
21.80	21.76	21.36	21.72	23			36	0
21.75	21.71	21.28	21.67	23			36	19
21.62	21.58	21.20	21.60	23			36	39
21.77	21.69	21.30	21.70	23	75		0	
21.80	21.76	21.38	21.74	23	1		0	
21.75	21.71	21.34	21.69	23	1		37	
21.62	21.58	21.25	21.62	23	1		74	
20.78	20.74	20.34	20.70	22	16QAM		36	0
20.73	20.69	20.26	20.65	22			36	19
20.60	20.56	20.18	20.58	22			36	39
20.75	20.67	20.28	20.68	22			75	0
20.74	20.70	20.32	20.68	22			1	0
20.69	20.65	20.28	20.63	22	1		37	
20.56	20.52	20.19	20.56	22	1		74	
19.72	19.68	19.28	19.64	21	64QAM		36	0
19.67	19.63	19.20	19.59	21			36	19
19.54	19.50	19.12	19.52	21			36	39
19.69	19.61	19.22	19.62	21			75	0
17.56	17.99	17.50	17.68	19			1	0
17.92	17.74	17.59	17.57	19	1		37	
17.67	17.65	17.68	17.94	19	1		74	
17.51	17.73	17.75	17.62	19	256QAM		36	0
17.94	17.79	17.86	17.94	19			36	19
17.88	17.63	17.90	17.88	19			36	39
17.63	18.00	17.85	17.95	19			75	0

LTE Band 42 Ant 4								
Maximum Average Power (dBm)				Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
42140	42607	43073	43540	Channel				
3455	3501.7	3548.3	3595	Frequency (MHz)				
22.74	22.70	22.32	22.68	24	QPSK	10 MHz	1	0
22.69	22.65	22.28	22.63	24			1	24
22.56	22.52	22.19	22.56	24			1	49
21.72	21.68	21.28	21.64	23			25	0
21.67	21.63	21.20	21.59	23			25	12
21.54	21.50	21.12	21.52	23			25	25
21.69	21.61	21.22	21.62	23	16QAM		50	0
21.72	21.68	21.30	21.66	23			1	0
21.67	21.63	21.26	21.61	23			1	24
21.54	21.50	21.17	21.54	23			1	49
20.70	20.66	20.26	20.62	22			25	0
20.65	20.61	20.18	20.57	22			25	12
20.52	20.48	20.10	20.50	22	64QAM		25	25
20.67	20.59	20.20	20.60	22			50	0
20.66	20.62	20.24	20.60	22			1	0
20.61	20.57	20.20	20.55	22			1	24
20.48	20.44	20.11	20.48	22			1	49
19.64	19.60	19.20	19.56	21			25	0
19.59	19.55	19.12	19.51	21	256QAM		25	12
19.46	19.42	19.04	19.44	21			25	25
19.61	19.53	19.14	19.54	21			50	0
17.74	17.87	18.00	17.97	19			1	0
17.84	17.66	17.98	17.70	19			1	24
17.76	17.90	17.94	17.92	19			1	49
17.59	17.66	17.79	17.89	19	25		0	
17.71	17.83	17.82	17.52	19	256QAM		25	12
17.78	17.93	17.54	17.92	19			25	25
17.91	17.96	17.54	17.90	19			50	0

LTE Band 42 Ant 4								
Maximum Average Power (dBm)				Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
42115	42598	43082	43565	Channel				
3452.5	3500.8	3549.2	3597.5	Frequency (MHz)				
22.71	22.67	22.29	22.65	24	QPSK	5 MHz	1	0
22.66	22.62	22.25	22.60	24			1	12
22.53	22.49	22.16	22.53	24			1	24
21.69	21.65	21.25	21.61	23			12	0
21.64	21.60	21.17	21.56	23			12	6
21.51	21.47	21.09	21.49	23			12	13
21.66	21.58	21.19	21.59	23			25	0
21.69	21.65	21.27	21.63	23			1	0
21.64	21.60	21.23	21.58	23	16QAM		1	12
21.51	21.47	21.14	21.51	23			1	24
20.67	20.63	20.23	20.59	22			12	0
20.62	20.58	20.15	20.54	22			12	6
20.49	20.45	20.07	20.47	22			12	13
20.64	20.56	20.17	20.57	22			25	0
20.63	20.59	20.21	20.57	22			1	0
20.58	20.54	20.17	20.52	22			1	12
20.45	20.41	20.08	20.45	22	64QAM		1	24
19.61	19.57	19.17	19.53	21			12	0
19.56	19.52	19.09	19.48	21			12	6
19.43	19.39	19.01	19.41	21			12	13
19.58	19.50	19.11	19.51	21			25	0
17.62	17.89	17.89	17.87	19			1	0
17.93	17.86	17.54	17.66	19			1	12
17.87	17.53	17.98	17.58	19			1	24
17.74	17.83	17.88	17.66	19	256QAM		12	0
17.92	17.79	17.62	17.72	19			12	6
17.80	17.90	17.50	17.88	19			12	13
17.53	17.85	17.59	17.68	19			25	0

LTE Band 43 Ant 4							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
44190	44340	44490	Channel				
3660	3675	3690	Frequency (MHz)				
22.85	22.89	22.84	24	QPSK	20 MHz	1	0
22.83	22.76	22.78	24			1	49
22.72	22.74	22.68	24			1	99
22.44	22.49	22.46	23			50	0
22.43	22.39	22.39	23			50	25
22.44	22.42	22.30	23			50	50
21.90	21.92	21.58	23			100	0
22.23	22.23	22.15	23	16QAM		1	0
22.17	22.08	22.04	23			1	49
22.12	21.99	22.05	23			1	99
21.42	21.43	21.46	22			50	0
21.48	21.40	21.36	22			50	25
21.43	21.39	21.35	22			50	50
20.91	20.96	20.91	22			100	0
21.38	21.34	21.27	22	64QAM		1	0
21.32	21.24	21.29	22			1	49
21.30	21.27	21.31	22			1	99
20.47	20.47	20.30	21			50	0
20.41	20.37	20.32	21			50	25
20.41	20.44	20.37	21			50	50
20.07	20.11	20.05	21			100	0
18.71	18.72	18.89	19	256QAM		1	0
18.57	18.72	18.72	19			1	49
18.67	18.92	18.52	19			1	99
18.52	18.89	18.92	19			50	0
18.58	18.89	18.53	19			50	25
18.91	18.83	18.59	19			50	50
18.50	18.98	18.73	19			100	0

LTE Band 43 Ant 4							
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)				
22.85	22.86	22.82	24	QPSK	15 MHz	1	0
22.79	22.81	22.74	24			1	37
22.73	22.63	22.70	24			1	74
22.45	22.40	22.38	23			36	0
22.38	22.35	22.36	23			36	19
22.36	22.29	22.29	23			36	39
21.86	21.80	21.79	23	16QAM		75	0
22.13	22.05	22.04	23			1	0
22.10	22.11	22.07	23			1	37
21.99	22.04	21.93	23			1	74
21.44	21.46	21.50	22			36	0
21.38	21.48	21.39	22			36	19
21.35	21.35	21.19	22	64QAM		36	39
20.86	20.82	20.76	22			75	0
21.38	21.36	21.36	22			1	0
21.32	21.33	21.22	22			1	37
21.25	21.37	21.26	22			1	74
20.49	20.43	20.31	21			36	0
20.48	20.35	20.30	21	36		19	
20.48	20.37	20.30	21	36		39	
20.06	20.08	20.08	21	75		0	
17.78	17.77	17.52	19	256QAM		1	0
17.89	17.53	17.83	19			1	37
17.86	17.51	17.95	19			1	74
17.63	17.98	17.73	19			36	0
17.99	17.72	17.93	19			36	19
17.89	17.71	17.76	19			36	39
17.70	17.95	17.78	19	75		0	

LTE Band 43 Ant 4							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
44140	44340	44540	Channel				
3655	3675	3695	Frequency (MHz)				
22.82	22.83	22.85	24	QPSK	10 MHz	1	0
22.72	22.73	22.75	24			1	24
22.68	22.73	22.67	24			1	49
22.47	22.44	22.31	23			25	0
22.44	22.43	22.27	23			25	12
22.42	22.37	22.31	23			25	25
21.78	21.69	21.77	23	16QAM		50	0
22.10	22.14	22.07	23			1	0
22.02	22.05	21.98	23			1	24
21.99	22.03	21.92	23			1	49
21.39	21.41	21.48	22			25	0
21.36	21.39	21.35	22			25	12
21.30	21.36	21.31	22	25		25	
20.88	20.77	20.79	22	50		0	
21.37	21.41	21.38	22	64QAM		1	0
21.34	21.25	21.27	22			1	24
21.28	21.35	21.30	22			1	49
20.44	20.47	20.30	21			25	0
20.41	20.41	20.34	21			25	12
20.40	20.40	20.32	21			25	25
20.06	20.08	20.04	21	50		0	
17.68	17.64	17.66	19	256QAM		1	0
17.81	17.63	17.86	19			1	24
17.73	17.79	17.90	19			1	49
17.76	17.63	17.68	19		25	0	
17.98	17.71	17.59	19		25	12	
17.62	17.76	17.61	19		25	25	
17.96	17.59	17.71	19	50	0		

LTE Band 43 Ant 4							
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)				
22.85	22.87	22.79	24	QPSK	5 MHz	1	0
22.83	22.78	22.79	24			1	12
22.82	22.76	22.75	24			1	24
22.38	22.43	22.43	23			12	0
22.35	22.34	22.43	23			12	6
22.34	22.31	22.47	23			12	13
21.73	21.67	21.68	23			25	0
22.12	22.15	22.12	23	16QAM		1	0
22.09	22.11	22.06	23			1	12
22.03	22.11	22.01	23			1	24
21.43	21.45	21.39	22			12	0
21.42	21.36	21.35	22			12	6
21.40	21.36	21.30	22			12	13
20.85	20.79	20.86	22			25	0
21.38	21.39	21.35	22	64QAM		1	0
21.37	21.31	21.19	22			1	12
21.28	21.27	21.33	22			1	24
20.49	20.41	20.40	21			12	0
20.41	20.42	20.42	21			12	6
20.47	20.41	20.44	21			12	13
20.13	20.05	20.09	21			25	0
17.80	17.86	17.92	19	256QAM		1	0
17.84	17.94	17.90	19			1	12
17.94	17.90	18.00	19			1	24
17.55	17.90	17.80	19			12	0
17.76	17.77	17.87	19			12	6
17.54	17.88	17.78	19			12	13
17.73	17.83	17.94	19			25	0

LTE Band 48 Ant 4								
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)				
22.58	22.87	22.91	22.88	24	QPSK	20 MHz	1	0
22.87	22.84	22.41	22.81	24			1	49
22.83	22.78	22.32	22.69	24			1	99
21.52	21.32	21.63	21.44	23			50	0
21.49	21.39	21.60	21.48	23			50	25
21.40	21.30	21.51	21.39	23			50	50
21.60	21.50	21.71	21.59	23	100		0	
21.89	21.85	21.43	21.86	23	16QAM		1	0
21.85	21.82	21.39	21.79	23			1	49
21.81	21.76	21.30	21.67	23			1	99
20.50	20.30	20.61	20.42	22			50	0
20.47	20.37	20.58	20.46	22			50	25
20.38	20.28	20.49	20.37	22			50	50
20.58	20.48	20.69	20.57	22	100		0	
20.85	20.81	20.39	20.82	22	64QAM		1	0
20.81	20.78	20.35	20.75	22			1	49
20.77	20.72	20.26	20.63	22			1	99
19.46	19.26	19.57	19.38	21			50	0
19.43	19.33	19.54	19.42	21			50	25
19.34	19.24	19.45	19.33	21			50	50
19.54	19.44	19.65	19.53	21	100	0		
18.75	18.50	18.82	18.52	19	256QAM	1	0	
18.50	18.85	18.68	18.50	19		1	49	
18.77	18.72	18.96	18.73	19		1	99	
18.88	18.79	18.57	18.64	19		50	0	
18.78	18.74	18.63	18.51	19		50	25	
18.60	18.52	18.67	18.98	19		50	50	
18.75	18.91	18.56	19.00	19	100	0		

LTE Band 48 Ant 4								
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)				
22.86	22.82	22.40	22.83	24	QPSK	15 MHz	1	0
22.82	22.79	22.36	22.76	24			1	37
22.78	22.73	22.27	22.64	24			1	74
21.47	21.27	21.58	21.39	23			36	0
21.44	21.34	21.55	21.43	23			36	19
21.35	21.25	21.46	21.34	23			36	39
21.55	21.45	21.66	21.54	23	75		0	
21.84	21.80	21.38	21.81	23	16QAM		1	0
21.80	21.77	21.34	21.74	23			1	37
21.76	21.71	21.25	21.62	23			1	74
20.45	20.25	20.56	20.37	22			36	0
20.42	20.32	20.53	20.41	22			36	19
20.33	20.23	20.44	20.32	22			36	39
20.53	20.43	20.64	20.52	22	75		0	
20.80	20.76	20.34	20.77	22	64QAM		1	0
20.76	20.73	20.30	20.70	22			1	37
20.72	20.67	20.21	20.58	22			1	74
19.41	19.21	19.52	19.33	21			36	0
19.38	19.28	19.49	19.37	21			36	19
19.29	19.19	19.40	19.28	21			36	39
19.49	19.39	19.60	19.48	21	75		0	
17.95	17.97	17.91	17.95	19	256QAM		1	0
17.93	17.94	17.92	17.95	19			1	37
17.98	17.96	17.98	18.00	19			1	74
17.90	17.92	17.96	17.93	19			36	0
17.99	17.91	17.98	17.93	19			36	19
17.99	17.98	18.00	17.98	19			36	39
17.98	17.90	17.91	17.96	19	75		0	

LTE Band 48 Ant 4								
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)				
22.79	22.75	22.33	22.76	24	QPSK	10 MHz	1	0
22.75	22.72	22.29	22.69	24			1	24
22.71	22.66	22.20	22.57	24			1	49
21.40	21.20	21.51	21.32	23			25	0
21.37	21.27	21.48	21.36	23			25	12
21.28	21.18	21.39	21.27	23			25	25
21.48	21.38	21.59	21.47	23	50		0	
21.77	21.73	21.31	21.74	23	16QAM		1	0
21.73	21.70	21.27	21.67	23			1	24
21.69	21.64	21.18	21.55	23			1	49
20.38	20.18	20.49	20.30	22			25	0
20.35	20.25	20.46	20.34	22			25	12
20.26	20.16	20.37	20.25	22			25	25
20.46	20.36	20.57	20.45	22	50		0	
20.73	20.69	20.27	20.70	22	64QAM		1	0
20.69	20.66	20.23	20.63	22			1	24
20.65	20.60	20.14	20.51	22			1	49
19.34	19.14	19.45	19.26	21			25	0
19.31	19.21	19.42	19.30	21			25	12
19.22	19.12	19.33	19.21	21			25	25
19.42	19.32	19.53	19.41	21	50		0	
17.91	17.91	17.92	17.98	19	256QAM		1	0
17.95	17.95	18.00	17.96	19			1	24
17.93	17.95	18.00	17.97	19			1	49
17.93	17.97	17.98	17.93	19			25	0
17.99	17.98	17.98	17.90	19			25	12
17.93	17.98	17.90	17.94	19			25	25
17.97	17.99	17.93	17.95	19	50		0	

LTE Band 48 Ant 4								
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)				
22.75	22.71	22.29	22.72	24	QPSK	5 MHz	1	0
22.71	22.68	22.25	22.65	24			1	12
22.67	22.62	22.16	22.53	24			1	24
21.36	21.16	21.47	21.28	23			12	0
21.33	21.23	21.44	21.32	23			12	6
21.24	21.14	21.35	21.23	23			12	13
21.44	21.34	21.55	21.43	23	16QAM		25	0
21.73	21.69	21.27	21.70	23			1	0
21.69	21.66	21.23	21.63	23			1	12
21.65	21.60	21.14	21.51	23			1	24
20.34	20.14	20.45	20.26	22			12	0
20.31	20.21	20.42	20.30	22			12	6
20.22	20.12	20.33	20.21	22	64QAM		12	13
20.42	20.32	20.53	20.41	22			25	0
20.69	20.65	20.23	20.66	22			1	0
20.65	20.62	20.19	20.59	22			1	12
20.61	20.56	20.10	20.47	22			1	24
19.30	19.10	19.41	19.22	21			12	0
19.27	19.17	19.38	19.26	21	12		6	
19.18	19.08	19.29	19.17	21	256QAM		12	13
19.38	19.28	19.49	19.37	21			25	0
17.97	17.92	18.00	17.90	19			1	0
17.90	17.91	17.92	17.95	19			1	12
17.97	18.00	17.91	17.93	19			1	24
17.91	17.92	17.91	17.97	19			12	0
17.92	17.96	17.99	17.95	19	12		6	
17.98	17.99	17.98	17.90	19	12		13	
17.95	17.92	17.95	17.94	19	25		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	23.68	23.58	24	QPSK	20MHz	1	0
23.55	23.54	23.54	24			1	49
23.56	23.47	23.60	24			1	99
22.87	23.00	22.97	23			50	0
22.64	22.65	22.73	23			50	25
22.79	22.51	22.81	23			50	50
22.71	22.98	22.65	23			100	0
22.59	22.65	22.94	23	16QAM		1	0
22.60	22.96	22.72	23			1	49
22.85	22.87	22.54	23			1	99
22.00	21.85	21.83	22			50	0
21.67	21.87	21.71	22			50	25
21.66	21.53	21.88	22			50	50
21.50	21.86	21.77	22			100	0
21.67	21.84	21.52	22	64QAM		1	0
21.70	21.55	21.92	22			1	49
21.60	21.68	21.91	22			1	99
20.65	20.88	20.65	21			50	0
20.97	20.55	20.77	21			50	25
20.91	20.63	20.86	21			50	50
20.60	20.95	20.98	21			100	0
18.90	18.82	18.64	19	256QAM		1	0
18.76	18.98	18.93	19			1	49
18.53	18.57	18.72	19			1	99
18.66	18.84	18.60	19			50	0
18.81	18.71	18.80	19			50	25
18.98	18.82	18.95	19			50	50
18.93	18.69	18.89	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	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	16QAM		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			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	64QAM		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			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	256QAM		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	16QAM		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			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	64QAM		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			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	256QAM		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			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	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	16QAM		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	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	64QAM		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	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	
				256QAM			

LTE Band 42 Ant 5								
Maximum Average Power (dBm)				Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
42190	42623	43057	43490	Channel				
3460	3503.3	3546.7	3590	Frequency (MHz)				
23.60	23.61	23.77	23.53	24	QPSK	20MHz	1	0
23.68	23.51	23.64	23.71	24			1	49
23.58	23.66	23.50	23.51	24			1	99
22.67	22.52	22.95	22.77	23			50	0
22.79	22.92	22.56	22.95	23			50	25
22.58	22.66	22.89	22.70	23			50	50
22.81	22.70	22.84	22.66	23			100	0
22.55	22.83	22.66	22.95	23	16QAM		1	0
22.60	22.60	22.86	22.80	23			1	49
22.56	22.70	22.89	22.76	23			1	99
21.95	21.71	21.57	21.90	22			50	0
21.90	21.90	21.70	21.50	22			50	25
21.84	21.55	21.72	22.00	22			50	50
21.80	22.00	21.77	21.85	22			100	0
21.72	21.84	21.52	21.68	22	64QAM		1	0
21.58	21.74	21.77	21.84	22			1	49
21.83	21.98	21.84	21.92	22			1	99
20.70	21.00	20.83	20.67	21			50	0
20.79	20.96	20.90	20.90	21			50	25
20.56	20.72	20.66	20.98	21			50	50
20.92	20.50	20.63	20.91	21			100	0
19.00	18.94	18.90	18.94	19	256QAM		1	0
18.54	18.70	18.50	18.90	19			1	49
18.91	18.86	18.79	18.76	19			1	99
18.70	18.64	18.66	18.75	19			50	0
18.75	18.58	18.90	18.87	19			50	25
18.66	18.62	18.83	18.64	19			50	50
18.66	18.88	18.61	18.75	19			100	0

LTE Band 42 Ant 5								
Maximum Average Power (dBm)				Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
42165	42615	43065	43515	Channel				
3457.5	3502.5	3547.5	3592.5	Frequency (MHz)				
23.65	23.61	23.68	23.56	24	QPSK	15MHz	1	0
23.61	23.65	23.59	23.73	24			1	37
23.68	23.50	23.59	23.58	24			1	74
22.99	22.89	22.79	22.56	23			36	0
22.85	22.60	22.77	22.61	23			36	19
22.86	22.60	22.64	22.92	23			36	39
22.93	22.88	22.52	22.99	23			75	0
22.87	22.68	22.97	22.55	23	1		0	
23.00	22.65	22.91	22.81	23	1		37	
22.90	22.90	22.98	22.55	23	1		74	
21.82	21.54	21.53	21.98	22	16QAM		36	0
21.83	21.67	21.74	21.92	22			36	19
21.50	21.60	21.90	21.85	22			36	39
21.59	21.66	21.57	21.90	22			75	0
21.96	21.68	21.90	21.79	22			1	0
21.87	21.87	21.84	21.72	22	1		37	
21.72	21.59	21.54	21.72	22	1		74	
20.75	21.00	20.68	20.87	21	64QAM		36	0
20.99	20.69	21.00	20.51	21			36	19
20.85	20.87	20.89	20.74	21			36	39
20.50	20.77	20.56	20.92	21			75	0
18.85	18.70	18.95	18.63	19			1	0
18.84	18.52	18.51	18.94	19	1		37	
18.66	18.52	18.78	18.92	19	1		74	
18.73	18.94	18.55	18.69	19	256QAM		36	0
18.65	18.96	18.72	18.97	19			36	19
18.93	18.81	18.62	18.82	19			36	39
18.92	18.64	18.56	18.59	19			75	0

LTE Band 42 Ant 5								
Maximum Average Power (dBm)				Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
42140	42607	43073	43540	Channel				
3455	3501.7	3548.3	3595	Frequency (MHz)				
23.60	23.50	23.63	23.72	24	QPSK	10MHz	1	0
23.52	23.66	23.52	23.61	24			1	24
23.72	23.63	23.51	23.56	24			1	49
22.83	22.94	22.96	22.99	23			25	0
22.72	22.82	22.93	22.89	23			25	12
22.86	22.95	22.91	22.55	23			25	25
22.98	22.96	22.85	22.97	23	50		0	
22.91	22.80	22.85	22.73	23	16QAM		1	0
22.91	22.61	22.98	22.59	23			1	24
22.95	22.77	23.00	22.84	23			1	49
21.72	21.54	21.54	21.78	22			25	0
21.72	21.72	21.95	21.61	22			25	12
21.57	21.60	21.65	21.94	22			25	25
21.62	21.50	21.90	21.97	22	50		0	
21.77	21.89	21.50	21.56	22	64QAM		1	0
21.70	21.66	21.73	21.57	22			1	24
21.95	21.77	21.65	21.68	22			1	49
20.69	20.75	20.74	20.92	21			25	0
20.59	20.75	20.97	20.62	21			25	12
20.53	20.52	20.51	20.69	21			25	25
20.62	20.58	20.66	20.72	21	50		0	
18.98	18.97	18.50	18.83	19	256QAM		1	0
18.51	18.83	18.56	18.77	19			1	24
18.65	18.60	18.53	18.55	19			1	49
18.54	18.70	19.00	18.81	19		25	0	
18.55	18.93	18.72	18.73	19		25	12	
18.85	18.79	18.95	18.70	19		25	25	
18.82	18.62	18.70	18.88	19	50	0		

LTE Band 42 Ant 5								
Maximum Average Power (dBm)				Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
42115	42598	43082	43565	Channel				
3452.5	3500.8	3549.2	3597.5	Frequency (MHz)				
23.57	23.60	23.53	23.65	24	QPSK	5MHz	1	0
23.63	23.59	23.57	23.56	24			1	12
23.54	23.71	23.69	23.65	24			1	24
22.85	22.91	22.59	22.56	23			12	0
22.70	22.85	22.91	22.84	23			12	6
22.86	22.85	22.76	22.88	23			12	13
22.69	22.59	22.97	22.69	23	16QAM		25	0
22.77	22.86	22.81	22.50	23			1	0
22.75	22.51	22.72	22.90	23			1	12
22.65	22.53	22.87	22.54	23			1	24
21.87	21.60	21.59	21.64	22			12	0
21.54	22.00	21.80	21.96	22			12	6
21.86	21.52	21.57	21.78	22	64QAM		12	13
21.77	21.52	21.57	21.67	22			25	0
21.99	21.58	21.66	21.68	22			1	0
21.83	21.82	21.88	21.81	22			1	12
21.92	21.59	21.90	21.97	22			1	24
20.99	20.84	20.79	20.85	21			12	0
20.75	20.69	20.69	20.80	21	12		6	
20.87	20.65	20.90	20.79	21	12		13	
20.79	20.92	20.74	20.85	21	25		0	
18.59	18.53	18.62	18.72	19	256QAM		1	0
18.65	18.92	18.81	18.75	19			1	12
18.69	18.80	18.62	18.91	19			1	24
18.77	18.60	18.81	18.74	19		12	0	
18.57	18.93	18.65	18.88	19		12	6	
18.80	18.72	18.68	18.66	19		12	13	
18.86	18.85	18.86	18.52	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
23.77	23.71	23.70	24			1	49
23.77	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	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	16QAM		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			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	64QAM		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			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	256QAM		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	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	16QAM		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	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	64QAM		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	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	256QAM		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	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	16QAM		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	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	64QAM		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	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	256QAM		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)				
22.95	23.18	23.07	23.00	24	QPSK	20MHz	1	0
22.98	23.05	23.15	23.04	24			1	49
22.90	22.98	23.02	23.06	24			1	99
22.66	23.00	22.61	22.80	23			50	0
22.63	22.84	22.51	22.89	23			50	25
22.81	22.72	22.90	22.64	23			50	50
22.51	22.86	22.73	22.53	23	100		0	
22.99	22.65	22.95	22.87	23	16QAM		1	0
22.80	22.92	22.90	22.67	23			1	49
22.66	22.54	22.79	22.71	23			1	99
21.89	21.61	21.96	22.00	22			50	0
21.93	21.68	21.57	21.92	22			50	25
21.68	21.55	21.62	21.78	22			50	50
21.68	21.89	21.55	21.57	22	100		0	
21.81	21.94	21.54	21.70	22	64QAM		1	0
21.68	21.90	21.50	21.55	22			1	49
21.79	21.97	21.62	21.90	22			1	99
20.80	20.60	20.55	20.81	21			50	0
20.81	20.56	20.88	20.89	21			50	25
20.61	20.84	20.99	20.87	21			50	50
20.68	20.53	20.63	20.52	21	100	0		
18.78	18.66	18.77	18.57	19	256QAM	1	0	
18.57	18.86	18.66	18.95	19		1	49	
19.00	19.00	18.63	18.69	19		1	99	
18.93	18.66	18.78	19.00	19		50	0	
18.67	18.88	18.78	18.77	19		50	25	
18.83	18.75	18.52	18.57	19		50	50	
18.81	19.00	18.63	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	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	16QAM		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			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	64QAM		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			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	256QAM		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	16QAM		50	0
22.98	22.86	22.78	22.68	23			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	64QAM		25	25
21.76	21.89	21.68	21.81	22			50	0
21.84	21.79	21.64	21.92	22			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

LTE Band 42 Ant 6							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
43190	43340	43490	Channel				
3560	3575	3590	Frequency (MHz)				
23.43	23.49	23.41	24	QPSK	20MHz	1	0
23.25	23.38	23.28	24			1	49
23.15	23.41	23.13	24			1	99
22.82	23.00	22.51	23			50	0
22.87	22.63	22.99	23			50	25
22.62	22.65	22.99	23			50	50
22.72	22.97	22.51	23			100	0
22.70	22.73	22.96	23	16QAM		1	0
22.76	22.80	22.89	23			1	49
22.90	22.50	22.89	23			1	99
21.97	21.50	21.52	22			50	0
21.68	21.99	21.68	22			50	25
21.68	21.63	21.63	22			50	50
21.54	21.57	21.83	22			100	0
21.81	21.97	21.66	22	64QAM		1	0
21.89	21.54	21.53	22			1	49
21.88	21.97	21.52	22			1	99
20.67	20.93	20.90	21			50	0
20.85	20.79	20.65	21			50	25
20.57	20.83	20.67	21			50	50
20.56	20.85	20.98	21			100	0
18.66	18.73	18.81	19	256QAM		1	0
18.54	18.88	18.68	19			1	49
18.52	18.68	18.81	19			1	99
18.94	18.90	18.57	19			50	0
18.61	18.51	18.74	19			50	25
18.82	18.55	18.99	19			50	50
18.67	18.63	18.77	19			100	0

LTE Band 42 Ant 6							
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)				
23.37	23.33	23.37	24	QPSK	15MHz	1	0
23.40	23.46	23.43	24			1	37
23.38	23.25	23.39	24			1	74
22.81	22.97	22.95	23			36	0
22.90	22.61	22.97	23			36	19
22.90	22.63	22.94	23			36	39
22.65	22.71	22.65	23	75		0	
22.67	22.60	22.67	23	1		0	
22.77	22.86	22.64	23	1		37	
22.89	22.63	22.94	23	1		74	
21.58	21.92	21.58	22	16QAM		36	0
21.91	21.71	21.71	22			36	19
21.75	21.68	21.69	22			36	39
21.83	21.67	21.87	22			75	0
21.95	21.92	21.96	22			1	0
21.67	21.80	21.63	22			1	37
21.81	21.51	21.67	22	1		74	
20.77	20.59	20.66	21	64QAM		36	0
20.97	20.55	20.78	21			36	19
20.83	20.87	21.00	21			36	39
20.54	20.69	20.50	21			75	0
18.79	18.82	18.50	19			1	0
18.97	18.53	18.61	19			1	37
18.59	18.95	18.78	19	1		74	
18.74	18.80	18.80	19	256QAM		36	0
18.89	18.56	18.61	19			36	19
18.55	18.79	18.88	19			36	39
18.87	18.72	18.97	19			75	0

LTE Band 42 Ant 6							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
43140	43340	43540	Channel				
3555	3575	3595	Frequency (MHz)				
23.46	23.42	23.48	24	QPSK	10MHz	1	0
23.45	23.31	23.32	24			1	24
23.30	23.47	23.44	24			1	49
22.72	22.92	22.67	23			25	0
22.79	22.72	22.50	23			25	12
22.51	22.85	22.94	23			25	25
22.97	22.54	22.54	23			50	0
22.72	22.56	22.76	23	1		0	
22.52	22.56	22.69	23	1		24	
22.54	22.78	22.66	23	1		49	
21.66	21.94	21.59	22	16QAM		25	0
21.81	21.52	21.79	22	25		12	
21.68	21.78	21.71	22	25		25	
21.98	21.69	21.73	22	50		0	
21.71	21.61	21.88	22	1		0	
21.88	21.62	21.90	22	1		24	
21.57	21.63	21.95	22	1		49	
20.63	20.57	20.93	21	64QAM		25	0
20.90	20.88	20.67	21	25		12	
20.96	20.69	20.78	21	25		25	
20.94	20.54	20.70	21	50		0	
18.61	18.54	18.79	19	256QAM		1	0
18.86	18.63	18.57	19	1		24	
18.83	18.55	18.75	19	1		49	
18.82	18.91	18.66	19	25		0	
18.52	18.98	18.72	19	25		12	
18.76	18.98	18.58	19	25		25	
18.83	18.78	18.97	19	50		0	

LTE Band 42 Ant 6							
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)				
23.31	23.40	23.38	24	QPSK	5MHz	1	0
23.46	23.29	23.40	24			1	12
23.39	23.40	23.36	24			1	24
22.79	22.59	22.63	23			12	0
22.65	22.85	22.73	23			12	6
22.52	22.55	22.98	23			12	13
22.82	22.76	22.86	23			25	0
22.69	22.66	22.73	23	16QAM		1	0
22.63	22.68	22.57	23			1	12
23.00	22.90	22.56	23			1	24
21.91	21.55	21.85	22			12	0
21.87	21.57	21.92	22			12	6
21.50	21.64	21.81	22			12	13
21.84	21.91	21.64	22			25	0
21.54	21.98	21.56	22	64QAM		1	0
21.55	21.54	21.61	22			1	12
21.62	21.61	21.54	22			1	24
20.56	20.77	20.59	21			12	0
20.52	20.90	20.68	21			12	6
20.84	20.78	20.99	21			12	13
20.64	20.53	20.61	21			25	0
18.64	18.88	18.63	19	256QAM		1	0
18.75	18.94	18.82	19			1	12
18.99	18.83	18.86	19			1	24
18.67	18.87	18.63	19			12	0
18.96	18.85	18.65	19			12	6
18.85	18.93	18.53	19			12	13
18.79	18.66	18.61	19			25	0

LTE Band 42 Ant 6								
Maximum Average Power (dBm)				Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
42190	42623	43057	43490	Channel				
3460	3503.3	3546.7	3590	Frequency (MHz)				
23.36	23.56	23.55	23.49	24	QPSK	20MHz	1	0
23.38	23.50	23.54	23.20	24			1	49
23.32	23.29	23.53	23.24	24			1	99
22.68	22.70	22.50	22.89	23			50	0
22.53	22.90	22.80	22.66	23			50	25
22.98	22.85	22.99	22.92	23			50	50
22.79	22.53	22.50	22.71	23			100	0
22.72	22.50	22.52	22.89	23			1	0
22.81	22.74	22.59	22.96	23	1		49	
22.59	22.97	22.62	22.74	23	1		99	
21.55	21.60	21.87	21.87	22	16QAM		50	0
21.77	21.99	21.79	21.88	22			50	25
21.94	21.66	21.59	21.80	22			50	50
21.56	21.76	21.60	21.72	22			100	0
21.73	21.99	21.71	21.64	22			1	0
21.59	21.77	21.89	21.57	22			1	49
21.71	21.97	21.73	21.73	22	1		99	
20.97	20.81	20.86	20.67	21	64QAM		50	0
20.74	20.90	20.65	20.68	21			50	25
20.90	20.65	20.88	20.89	21			50	50
20.70	20.73	20.94	20.51	21			100	0
18.82	18.64	18.92	18.79	19			1	0
18.94	18.68	18.66	18.52	19	1		49	
18.87	18.59	18.86	18.88	19	1		99	
18.90	18.52	18.80	18.83	19	256QAM		50	0
18.66	18.58	18.89	18.94	19			50	25
18.55	18.72	18.87	18.64	19			50	50
18.68	18.98	18.67	18.60	19			100	0

LTE Band 42 Ant 6								
Maximum Average Power (dBm)				Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
42165	42615	43065	43515	Channel				
3457.5	3502.5	3547.5	3592.5	Frequency (MHz)				
23.32	23.50	23.54	23.44	24	QPSK	15MHz	1	0
23.35	23.41	23.33	23.23	24			1	37
23.53	23.53	23.52	23.25	24			1	74
22.87	22.64	22.66	22.76	23			36	0
22.92	22.91	22.66	22.95	23			36	19
22.98	22.83	22.97	22.82	23			36	39
22.80	22.94	22.53	22.67	23	16QAM		75	0
22.94	22.95	22.73	22.77	23			1	0
22.55	22.86	22.70	22.57	23			1	37
22.66	22.85	22.96	22.67	23			1	74
21.86	21.65	21.50	21.61	22			36	0
21.87	21.64	21.73	21.64	22			36	19
21.92	21.98	21.85	21.65	22	64QAM		36	39
21.71	21.95	21.54	21.76	22			75	0
21.67	21.75	21.53	21.81	22			1	0
21.96	21.69	21.63	21.66	22			1	37
21.98	21.88	21.51	21.81	22			1	74
20.75	20.91	21.00	20.94	21			36	0
20.61	20.98	20.88	20.86	21	36		19	
20.88	20.81	20.50	20.67	21	256QAM		36	39
20.95	20.85	20.51	20.91	21			75	0
18.72	18.75	18.79	18.78	19			1	0
18.54	18.76	18.87	18.55	19			1	37
18.56	18.90	18.96	18.51	19			1	74
18.86	18.50	18.66	18.60	19			36	0
18.64	18.64	18.93	18.94	19	36		19	
18.58	18.84	18.79	18.57	19	36		39	
18.84	18.92	18.59	18.75	19	75		0	

LTE Band 42 Ant 6								
Maximum Average Power (dBm)				Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
42140	42607	43073	43540	Channel				
3455	3501.7	3548.3	3595	Frequency (MHz)				
23.45	23.30	23.47	23.36	24	QPSK	10MHz	1	0
23.34	23.28	23.29	23.24	24			1	24
23.49	23.41	23.50	23.35	24			1	49
22.98	22.85	22.81	22.65	23			25	0
22.72	22.50	22.80	22.71	23			25	12
22.65	22.93	22.68	23.00	23			25	25
22.95	22.53	22.55	22.78	23			50	0
22.78	22.99	22.63	22.82	23	16QAM		1	0
22.77	22.76	22.93	22.90	23			1	24
22.98	22.95	22.72	23.00	23			1	49
22.00	21.98	21.98	21.73	22			25	0
21.80	21.93	21.60	21.51	22			25	12
21.87	21.50	21.96	21.96	22			25	25
21.57	21.82	21.71	21.81	22			50	0
21.76	21.53	21.97	21.57	22	64QAM		1	0
21.85	21.59	21.52	21.77	22			1	24
21.87	21.78	21.86	21.51	22			1	49
20.70	20.65	20.74	20.53	21			25	0
20.72	20.73	20.80	20.62	21			25	12
20.85	20.87	20.60	20.52	21			25	25
20.64	20.58	20.69	20.66	21			50	0
18.96	18.61	18.77	18.69	19	256QAM		1	0
18.83	18.74	18.67	18.63	19			1	24
18.62	18.52	18.87	18.60	19			1	49
19.00	18.55	18.62	18.96	19			25	0
18.69	18.55	18.72	18.75	19			25	12
18.62	18.61	18.78	18.55	19			25	25
18.94	18.54	18.61	18.61	19			50	0

LTE Band 42 Ant 6								
Maximum Average Power (dBm)				Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
42115	42598	43082	43565	Channel				
3452.5	3500.8	3549.2	3597.5	Frequency (MHz)				
23.40	23.55	23.53	23.45	24	QPSK	5MHz	1	0
23.47	23.43	23.54	23.24	24			1	12
23.45	23.52	23.37	23.41	24			1	24
22.65	22.53	22.57	22.76	23			12	0
22.81	22.70	22.97	22.58	23			12	6
22.69	22.91	22.71	22.69	23			12	13
22.51	22.84	22.88	22.63	23			25	0
22.85	22.83	22.87	22.72	23	1		0	
22.61	22.81	22.52	22.76	23	1		12	
23.00	22.67	22.80	22.51	23	16QAM		1	24
21.60	21.57	21.86	21.60	22			12	0
21.85	21.53	21.84	21.52	22			12	6
21.78	21.64	21.78	21.59	22			12	13
21.87	21.60	21.84	21.61	22			25	0
21.99	21.75	21.67	21.68	22	64QAM		1	0
21.77	21.72	21.85	21.59	22			1	12
21.57	22.00	21.96	21.60	22			1	24
20.69	20.74	20.81	20.50	21			12	0
20.50	21.00	20.54	20.65	21			12	6
20.92	20.69	20.80	20.67	21			12	13
20.86	21.00	20.86	20.67	21	25		0	
18.80	18.60	18.54	18.67	19	256QAM		1	0
18.81	18.84	18.53	18.73	19			1	12
18.92	18.87	19.00	18.78	19			1	24
18.55	18.98	18.99	18.98	19			12	0
18.72	18.82	18.79	18.70	19			12	6
18.91	18.78	18.62	18.99	19			12	13
18.67	18.86	18.84	18.82	19			25	0

LTE Band 43 Ant 6							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
44190	44340	44490	Channel				
3660	3675	3690	Frequency (MHz)				
22.99	23.19	23.05	24	QPSK	20MHz	1	0
22.91	23.01	23.07	24			1	49
23.12	23.15	23.18	24			1	99
22.53	22.74	22.74	23			50	0
22.72	22.53	22.53	23			50	25
22.63	22.50	22.51	23			50	50
22.95	22.91	22.65	23			100	0
22.82	22.68	22.61	23	16QAM		1	0
22.82	22.73	22.66	23			1	49
22.83	22.74	22.60	23			1	99
21.77	21.57	21.83	22			50	0
21.60	21.53	21.78	22			50	25
21.76	21.77	21.69	22			50	50
21.51	21.65	21.65	22			100	0
21.62	21.74	21.96	22	64QAM		1	0
21.62	21.62	21.63	22			1	49
21.97	21.53	21.94	22			1	99
21.00	20.76	20.57	21			50	0
20.53	20.84	20.53	21			50	25
20.86	20.70	20.58	21			50	50
20.91	20.71	20.57	21			100	0
18.96	18.61	18.55	19	256QAM		1	0
18.58	18.96	18.92	19			1	49
18.77	18.69	18.67	19			1	99
18.59	18.51	18.58	19			50	0
18.82	18.54	18.87	19			50	25
18.97	18.78	18.96	19			50	50
18.60	18.80	18.98	19			100	0

LTE Band 43 Ant 6							
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)				
23.06	23.11	23.01	24	QPSK	15MHz	1	0
23.14	23.11	22.99	24			1	37
22.96	22.91	23.15	24			1	74
22.53	22.62	22.85	23			36	0
22.92	22.72	22.78	23			36	19
22.90	22.95	22.86	23			36	39
22.63	22.97	22.94	23			75	0
22.82	22.52	22.91	23	16QAM		1	0
22.50	22.68	22.68	23			1	37
22.76	22.75	22.58	23			1	74
21.93	21.67	21.97	22			36	0
21.91	21.68	21.57	22			36	19
21.88	21.71	21.82	22			36	39
21.69	21.80	21.54	22			75	0
21.59	21.89	21.76	22	64QAM		1	0
21.83	21.54	21.96	22			1	37
21.76	21.51	21.62	22			1	74
20.85	20.58	20.69	21			36	0
20.94	20.73	20.96	21			36	19
20.70	20.66	21.00	21			36	39
21.00	20.91	20.87	21			75	0
18.71	19.00	18.92	19	256QAM		1	0
18.74	18.65	18.97	19			1	37
18.90	18.98	18.94	19			1	74
18.83	19.00	18.63	19			36	0
18.95	18.57	18.60	19			36	19
18.67	18.77	18.93	19			36	39
18.60	18.79	18.69	19			75	0

LTE Band 43 Ant 6							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
44140	44340	44540	Channel				
3655	3675	3695	Frequency (MHz)				
23.10	22.94	22.96	24	QPSK	10MHz	1	0
23.02	22.97	22.95	24			1	24
22.93	23.13	23.02	24			1	49
22.77	22.63	22.70	23			25	0
22.70	22.63	22.79	23			25	12
22.76	22.50	22.99	23			25	25
22.72	22.52	22.73	23			50	0
22.71	22.53	22.82	23	1		0	
22.86	22.86	22.78	23	1		24	
23.00	22.60	22.50	23	1		49	
21.93	21.86	21.69	22	25		0	
21.55	21.55	21.57	22	25		12	
21.56	21.71	21.86	22	25		25	
21.93	21.60	21.85	22	50		0	
21.75	21.53	21.66	22	1		0	
21.82	21.94	21.80	22	1		24	
21.50	21.96	21.66	22	1		49	
20.69	20.97	20.56	21	25		0	
20.61	20.77	20.86	21	25		12	
20.76	20.98	20.86	21	25		25	
20.94	20.97	20.67	21	50		0	
18.63	18.94	18.56	19	1		0	
18.97	18.95	18.88	19	1		24	
18.81	18.78	18.83	19	1		49	
18.52	18.87	18.66	19	25		0	
18.67	18.52	18.50	19	25		12	
18.55	18.83	18.56	19	25		25	
18.89	18.65	18.77	19	50		0	

LTE Band 43 Ant 6							
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)				
22.99	22.91	23.13	24	QPSK	5MHz	1	0
22.95	23.13	23.07	24			1	12
22.92	22.96	23.03	24			1	24
22.50	22.55	22.94	23			12	0
22.99	22.58	22.63	23			12	6
22.69	22.63	22.93	23			12	13
22.98	22.80	22.68	23			25	0
22.83	23.00	22.87	23	1		0	
22.51	22.68	22.83	23	1		12	
22.95	22.55	22.81	23	1		24	
21.85	21.56	21.68	22	12		0	
21.73	21.61	21.58	22	12		6	
21.76	21.71	21.62	22	12		13	
21.71	21.86	21.61	22	25		0	
21.90	21.68	21.67	22	1		0	
21.79	21.84	21.81	22	1		12	
21.71	21.69	21.63	22	1		24	
20.56	20.77	20.63	21	12		0	
20.60	20.69	20.51	21	12		6	
20.90	20.91	20.97	21	12		13	
20.72	20.96	20.97	21	25		0	
18.52	18.85	18.73	19	1		0	
18.90	18.97	18.83	19	1		12	
18.58	18.64	18.89	19	1		24	
18.71	18.72	19.00	19	12		0	
18.53	18.56	18.75	19	12		6	
18.67	18.81	18.75	19	12		13	
18.94	18.53	18.93	19	25		0	

LTE Band 48 Ant 6								
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)				
23.25	23.29	22.96	23.24	24	QPSK	20MHz	1	0
23.14	23.11	23.03	23.25	24			1	49
22.98	23.24	23.00	23.28	24			1	99
22.70	22.60	22.54	22.86	23			50	0
22.64	22.92	22.82	22.50	23			50	25
22.70	22.56	22.77	22.88	23			50	50
22.86	22.98	22.64	22.78	23			100	0
22.99	22.90	22.87	22.51	23	16QAM		1	0
22.77	22.72	22.53	22.81	23			1	49
22.59	22.56	22.64	22.60	23			1	99
21.86	21.80	21.67	21.58	22			50	0
21.59	21.88	21.77	21.73	22			50	25
21.61	21.60	21.81	21.73	22			50	50
21.84	21.85	21.65	21.91	22			100	0
21.61	21.77	21.84	21.82	22	64QAM		1	0
21.74	21.65	21.67	21.94	22			1	49
21.90	21.78	21.85	21.54	22			1	99
20.89	20.65	20.54	20.77	21			50	0
20.75	20.63	20.89	20.91	21			50	25
20.66	20.80	20.86	20.69	21			50	50
21.00	20.88	20.95	21.00	21			100	0
18.85	18.77	18.95	18.83	19	256QAM		1	0
18.70	18.71	18.57	19.00	19			1	49
18.95	18.61	18.53	18.50	19			1	99
18.73	18.61	18.80	18.60	19			50	0
18.68	18.88	18.53	18.58	19			50	25
18.71	18.91	18.87	18.50	19			50	50
18.58	18.63	18.58	18.85	19			100	0

LTE Band 48 Ant 6								
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)				
22.95	23.15	23.04	23.02	24	QPSK	15MHz	1	0
22.98	23.03	23.10	22.96	24			1	37
23.15	23.01	23.12	22.95	24			1	74
22.80	22.58	22.84	22.78	23			36	0
22.81	22.59	22.97	22.82	23			36	19
22.87	22.74	22.65	22.73	23			36	39
22.59	22.58	22.59	22.90	23	75		0	
22.86	22.83	22.98	22.94	23	16QAM		1	0
22.52	22.61	22.83	22.60	23			1	37
22.95	22.57	22.68	22.62	23			1	74
21.57	21.72	21.70	21.79	22			36	0
21.90	21.89	21.85	21.70	22			36	19
21.80	21.62	21.65	21.81	22			36	39
21.74	21.63	21.52	21.98	22	75		0	
21.57	21.67	21.91	21.50	22	64QAM		1	0
21.80	21.82	21.69	21.68	22			1	37
21.91	21.76	21.62	21.52	22			1	74
20.63	20.81	20.84	20.66	21			36	0
20.62	20.55	20.55	21.00	21			36	19
20.62	20.83	20.79	20.82	21			36	39
20.68	20.55	21.00	20.78	21	75		0	
18.82	18.95	18.78	19.00	19	256QAM		1	0
18.71	18.98	18.55	18.53	19			1	37
18.74	18.56	18.90	18.79	19			1	74
18.84	18.53	18.95	18.61	19			36	0
18.54	18.50	18.74	18.86	19			36	19
18.81	18.54	18.68	18.71	19			36	39
18.70	18.66	18.59	18.80	19	75		0	

LTE Band 48 Ant 6								
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)				
23.03	23.12	23.07	23.10	24	QPSK	10MHz	1	0
23.08	22.90	23.10	23.03	24			1	24
23.00	22.95	22.98	23.10	24			1	49
22.63	22.82	22.82	23.00	23			25	0
22.92	22.67	22.64	22.63	23			25	12
22.96	22.80	22.71	22.83	23			25	25
22.79	22.54	22.94	22.90	23	50		0	
22.62	22.82	22.65	22.96	23	16QAM		1	0
22.76	22.69	22.80	23.00	23			1	24
22.76	22.72	22.78	22.89	23			1	49
21.54	21.83	21.69	21.78	22			25	0
21.87	21.98	21.94	22.00	22			25	12
21.50	21.72	21.72	22.00	22			25	25
21.67	21.52	21.69	21.67	22	50		0	
21.80	21.91	21.50	21.56	22	64QAM		1	0
21.92	21.63	21.53	21.53	22			1	24
21.78	21.98	21.96	21.87	22			1	49
20.94	20.67	20.51	20.69	21			25	0
20.89	20.91	20.53	20.55	21			25	12
20.63	20.70	20.96	20.72	21			25	25
20.90	20.55	20.70	20.78	21	50		0	
18.88	19.00	18.81	18.89	19	256QAM		1	0
18.88	18.73	18.74	18.56	19			1	24
18.92	18.94	18.55	18.86	19			1	49
18.82	18.95	18.61	18.74	19			25	0
18.80	18.67	18.55	18.78	19			25	12
18.83	18.98	18.96	18.72	19			25	25
18.98	18.52	18.76	18.93	19	50		0	

LTE Band 48 Ant 6								
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)				
22.97	22.96	23.02	22.99	24	QPSK	5MHz	1	0
22.97	22.92	23.03	23.07	24			1	12
23.04	22.93	23.15	23.15	24			1	24
22.64	22.67	22.68	22.70	23			12	0
22.71	22.75	22.54	22.58	23			12	6
22.63	22.87	22.90	22.65	23			12	13
22.54	22.77	22.99	22.67	23	25		0	
22.78	22.66	22.75	22.72	23	16QAM		1	0
22.80	22.83	22.98	22.55	23			1	12
22.68	22.51	22.67	22.76	23			1	24
21.93	21.93	21.55	21.76	22			12	0
21.79	21.87	21.92	21.88	22			12	6
21.50	21.91	21.62	21.98	22			12	13
21.75	21.96	21.75	21.75	22	25		0	
21.94	21.56	21.74	21.81	22	64QAM		1	0
21.67	21.93	21.99	21.62	22			1	12
21.75	21.73	22.00	21.69	22			1	24
20.70	20.71	20.55	21.00	21			12	0
20.83	20.73	20.67	20.62	21			12	6
20.53	20.68	20.80	20.51	21			12	13
20.54	20.51	20.59	20.57	21	25		0	
18.89	18.67	18.97	18.61	19	256QAM		1	0
18.56	18.98	18.91	18.73	19			1	12
18.68	18.82	18.73	18.84	19			1	24
18.57	18.57	18.62	18.93	19			12	0
18.93	18.78	18.98	18.92	19			12	6
18.76	18.52	18.68	18.59	19			12	13
18.98	18.97	18.69	18.89	19			25	0

LTE Band 42 Ant 7							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
43190	43340	43490	Channel				
3560	3575	3590	Frequency (MHz)				
23.37	23.40	23.23	24	QPSK	20MHz	1	0
23.15	23.34	23.33	24			1	49
23.29	23.37	23.19	24			1	99
22.59	22.88	22.64	23			50	0
22.69	22.78	22.83	23			50	25
22.73	22.50	22.65	23			50	50
22.51	22.92	22.64	23	100		0	
22.66	22.65	22.76	23	1		0	
22.66	22.73	22.98	23	1		49	
22.51	22.80	22.56	23	1		99	
21.65	21.93	21.63	22	16QAM		50	0
21.85	21.64	21.53	22	50		25	
22.00	21.81	21.90	22	50		50	
21.75	21.57	21.53	22	100		0	
21.95	21.55	21.64	22	1		0	
21.97	21.58	21.73	22	1		49	
21.50	21.57	21.57	22	1		99	
20.94	20.50	20.93	21	64QAM		50	0
20.87	20.79	20.88	21	50		25	
20.96	20.66	21.00	21	50		50	
20.86	20.75	20.52	21	100		0	
18.66	18.60	18.95	19	256QAM		1	0
18.66	18.97	18.51	19			1	49
18.60	18.69	18.80	19			1	99
18.96	18.68	18.52	19			50	0
18.94	18.82	18.94	19			50	25
18.66	18.69	18.55	19			50	50
18.73	18.89	18.74	19			100	0

LTE Band 42 Ant 7							
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)				
23.39	23.37	23.22	24	QPSK	15MHz	1	0
23.32	23.34	23.33	24			1	37
23.35	23.39	23.30	24			1	74
22.65	22.63	22.66	23			36	0
22.89	22.62	22.51	23			36	19
22.77	22.86	22.79	23			36	39
22.97	22.81	22.95	23			75	0
22.98	22.64	22.62	23	1		0	
22.72	22.50	22.90	23	1		37	
22.76	22.72	22.66	23	1		74	
21.58	21.77	21.88	22	16QAM		36	0
21.66	21.71	22.00	22			36	19
21.54	21.93	21.88	22			36	39
21.51	21.66	21.58	22			75	0
21.99	21.75	21.81	22			1	0
21.53	21.80	21.70	22			1	37
21.85	21.56	21.62	22			1	74
20.86	20.76	20.85	21	64QAM		36	0
20.72	20.53	20.87	21			36	19
20.61	20.92	20.78	21			36	39
20.57	20.75	20.61	21			75	0
18.65	18.98	18.97	19			1	0
18.89	18.88	18.99	19			1	37
19.00	18.98	18.92	19			1	74
18.52	18.98	18.95	19	256QAM		36	0
18.72	18.98	18.92	19			36	19
18.90	18.65	18.91	19			36	39
18.66	18.54	18.71	19			75	0

LTE Band 42 Ant 7							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
43140	43340	43540	Channel				
3555	3575	3595	Frequency (MHz)				
23.31	23.35	23.23	24	QPSK	10MHz	1	0
23.33	23.20	23.25	24			1	24
23.27	23.22	23.17	24			1	49
22.94	22.50	22.51	23			25	0
22.97	22.72	22.85	23			25	12
22.79	22.57	22.98	23			25	25
22.72	22.60	22.58	23			50	0
22.52	22.89	22.54	23	1		0	
22.58	22.89	23.00	23	1		24	
22.84	22.73	22.52	23	1		49	
21.93	21.60	21.58	22	25		0	
21.55	21.65	21.59	22	25		12	
21.69	21.88	21.93	22	25		25	
21.61	21.86	21.92	22	50		0	
21.89	21.51	21.54	22	1		0	
21.95	21.67	21.55	22	1		24	
21.90	21.62	21.77	22	1		49	
20.53	20.64	20.53	21	25		0	
20.56	20.57	20.58	21	25		12	
20.97	20.51	20.70	21	25		25	
20.65	20.88	20.52	21	50		0	
18.95	18.97	18.60	19	1		0	
18.79	19.00	18.79	19	1		24	
18.68	18.62	18.76	19	1		49	
18.96	18.76	18.74	19	25		0	
18.93	18.75	18.82	19	25		12	
18.64	18.88	18.90	19	25		25	
18.82	18.56	18.64	19	50		0	

LTE Band 42 Ant 7							
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)				
23.29	23.36	23.28	24	QPSK	5MHz	1	0
23.29	23.18	23.19	24			1	12
23.38	23.26	23.23	24			1	24
22.66	22.78	22.57	23			12	0
22.67	22.70	22.52	23			12	6
22.92	22.98	22.51	23			12	13
22.82	22.64	22.54	23			25	0
22.51	22.59	22.64	23	16QAM		1	0
22.64	23.00	22.95	23			1	12
22.61	22.94	22.56	23			1	24
21.59	21.99	21.58	22			12	0
21.58	21.92	21.68	22			12	6
22.00	22.00	21.62	22			12	13
21.63	21.51	21.70	22			25	0
21.85	21.59	21.97	22	64QAM		1	0
21.73	21.84	21.83	22			1	12
21.88	21.62	21.77	22			1	24
20.57	20.65	20.88	21			12	0
20.60	20.85	20.84	21			12	6
20.82	20.74	20.69	21			12	13
20.53	20.77	20.72	21			25	0
18.80	18.98	18.78	19	256QAM		1	0
18.57	18.87	18.73	19			1	12
18.78	18.65	18.58	19			1	24
18.59	18.57	18.88	19			12	0
18.54	18.50	18.67	19			12	6
18.95	18.55	18.81	19			12	13
19.00	18.93	18.70	19			25	0

LTE Band 42 Ant 7								
Maximum Average Power (dBm)				Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
42190	42623	43057	43490	Channel				
3460	3503.3	3546.7	3590	Frequency (MHz)				
23.34	23.21	23.51	23.43	24	QPSK	20MHz	1	0
23.46	23.22	23.36	23.47	24			1	49
23.45	23.33	23.47	23.23	24			1	99
22.72	22.93	23.00	22.66	23			50	0
22.75	22.83	22.51	22.90	23			50	25
22.56	22.87	22.52	22.57	23			50	50
22.62	22.50	22.81	22.70	23			100	0
22.55	22.99	22.97	23.00	23			1	0
22.55	22.99	22.99	22.78	23	1		49	
22.60	22.72	22.88	22.52	23	1		99	
21.90	21.65	21.92	21.95	22	16QAM		50	0
21.82	21.66	21.50	21.60	22			50	25
21.51	21.55	21.76	21.98	22			50	50
21.78	21.60	21.98	21.50	22			100	0
21.95	21.80	21.82	21.95	22			1	0
21.53	21.84	21.59	21.82	22			1	49
21.58	21.80	21.77	21.70	22	64QAM		1	99
20.71	20.88	20.72	20.74	21			50	0
20.83	20.74	20.61	20.64	21			50	25
20.81	20.65	20.67	20.57	21			50	50
20.74	20.91	20.91	20.54	21		100	0	
18.73	18.83	18.96	18.57	19		256QAM	1	0
18.85	18.57	18.58	18.50	19	1		49	
18.95	18.59	18.82	18.59	19	1		99	
18.73	18.63	18.52	18.89	19	50		0	
18.69	18.51	18.68	18.99	19	50		25	
18.50	18.82	18.86	18.82	19	50		50	
18.96	18.76	18.55	18.93	19	100		0	

LTE Band 42 Ant 7								
Maximum Average Power (dBm)				Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
42165	42615	43065	43515	Channel				
3457.5	3502.5	3547.5	3592.5	Frequency (MHz)				
23.27	23.37	23.32	23.44	24	QPSK	15MHz	1	0
23.46	23.23	23.22	23.31	24			1	37
23.41	23.46	23.45	23.36	24			1	74
22.99	22.55	22.63	22.98	23			36	0
22.65	22.84	22.72	22.76	23			36	19
22.97	22.83	22.62	22.67	23			36	39
22.66	22.93	22.93	22.83	23			75	0
22.72	22.81	22.86	22.90	23	16QAM		1	0
22.95	22.68	22.77	22.64	23			1	37
22.94	22.67	22.94	22.91	23			1	74
21.67	21.99	21.55	21.85	22			36	0
21.91	21.62	21.53	21.84	22			36	19
21.67	21.63	21.88	21.90	22			36	39
21.95	21.56	21.85	21.95	22			75	0
21.74	21.50	21.94	21.98	22	64QAM		1	0
21.74	21.90	21.90	21.97	22			1	37
21.92	21.52	21.64	21.52	22			1	74
20.80	20.93	20.85	20.71	21			36	0
20.75	20.96	20.73	20.79	21			36	19
21.00	20.73	20.73	20.63	21			36	39
20.85	20.96	20.80	20.96	21			75	0
18.94	18.73	18.90	18.91	19	256QAM		1	0
18.55	19.00	18.97	19.00	19			1	37
18.76	18.56	18.97	18.73	19			1	74
18.86	18.55	18.51	18.65	19			36	0
18.92	18.82	18.97	18.54	19			36	19
18.53	18.83	18.74	18.80	19			36	39
18.81	18.82	18.59	18.52	19			75	0

LTE Band 42 Ant 7								
Maximum Average Power (dBm)				Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
42140	42607	43073	43540	Channel				
3455	3501.7	3548.3	3595	Frequency (MHz)				
23.33	23.36	23.19	23.33	24	QPSK	10MHz	1	0
23.39	23.42	23.30	23.27	24			1	24
23.38	23.36	23.20	23.27	24			1	49
22.82	22.62	22.58	22.72	23			25	0
22.53	22.92	22.59	22.99	23			25	12
22.69	22.52	22.57	22.78	23			25	25
22.61	22.65	22.80	22.55	23	16QAM		50	0
22.67	22.97	22.83	22.54	23			1	0
22.58	22.70	22.59	22.67	23			1	24
22.73	22.99	22.55	22.79	23			1	49
21.60	21.66	21.79	21.81	22			25	0
21.57	21.86	21.72	21.90	22			25	12
21.69	21.55	21.71	21.78	22	64QAM		25	25
21.61	21.88	21.62	21.86	22			50	0
21.72	21.74	21.96	21.59	22			1	0
21.68	21.87	21.67	21.90	22			1	24
21.91	21.97	21.64	21.65	22			1	49
20.52	20.64	20.66	20.98	21			25	0
20.63	20.73	20.76	20.75	21	25		12	
20.95	20.51	20.97	20.71	21	256QAM		25	25
20.90	20.77	20.78	20.51	21			50	0
18.63	18.92	18.75	18.75	19			1	0
18.60	18.72	18.81	18.77	19			1	24
18.65	18.54	18.57	18.67	19			1	49
18.56	18.66	18.61	18.64	19			25	0
18.68	18.88	18.96	18.63	19	256QAM		25	12
18.92	18.88	18.82	18.60	19			25	25
19.00	18.76	18.89	18.62	19			50	0

LTE Band 42 Ant 7								
Maximum Average Power (dBm)				Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
42115	42598	43082	43565	Channel				
3452.5	3500.8	3549.2	3597.5	Frequency (MHz)				
23.32	23.29	23.33	23.20	24	QPSK	5MHz	1	0
23.44	23.30	23.37	23.34	24			1	12
23.44	23.20	23.34	23.25	24			1	24
22.75	22.59	22.75	22.80	23			12	0
22.98	22.99	22.79	22.77	23			12	6
22.55	22.69	22.57	22.92	23			12	13
22.52	22.86	22.99	22.61	23			25	0
22.81	22.61	22.84	22.70	23	16QAM		1	0
22.85	23.00	22.61	22.82	23			1	12
22.55	22.98	22.98	22.95	23			1	24
21.59	21.63	21.94	21.84	22			12	0
21.55	21.70	21.75	21.60	22			12	6
21.93	21.74	21.67	21.52	22			12	13
21.83	21.83	21.62	21.84	22			25	0
21.91	21.85	21.76	21.82	22	64QAM		1	0
21.74	21.73	21.51	21.51	22			1	12
21.98	21.57	21.83	21.54	22			1	24
20.90	20.65	20.92	20.60	21			12	0
20.76	20.59	20.98	20.85	21			12	6
20.69	20.84	20.73	20.52	21			12	13
20.66	20.64	20.79	20.79	21			25	0
18.63	18.92	18.75	18.60	19	256QAM		1	0
18.90	18.92	18.75	18.80	19			1	12
18.83	18.91	18.66	18.81	19			1	24
18.91	18.98	18.90	18.66	19			12	0
18.60	18.71	18.60	18.76	19			12	6
18.94	18.72	18.70	18.84	19			12	13
18.50	18.78	18.76	18.52	19			25	0

LTE Band 43 Ant 7							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
44190	44340	44490	Channel				
3660	3675	3690	Frequency (MHz)				
23.44	23.75	23.50	24	QPSK	20MHz	1	0
23.42	23.47	23.51	24			1	49
23.56	23.73	23.46	24			1	99
22.54	22.87	22.64	23			50	0
22.83	22.81	22.80	23			50	25
22.57	22.72	22.67	23			50	50
22.59	23.00	22.86	23			100	0
22.96	22.55	22.57	23	16QAM		1	0
22.80	22.79	22.90	23			1	49
23.00	22.57	22.98	23			1	99
21.92	21.94	21.51	22			50	0
21.53	21.65	21.62	22			50	25
21.65	21.86	21.53	22			50	50
21.96	21.54	21.94	22			100	0
21.93	21.90	21.57	22	64QAM		1	0
21.75	21.50	21.77	22			1	49
21.76	21.91	21.87	22			1	99
20.58	20.99	20.71	21			50	0
20.82	20.64	20.88	21			50	25
20.91	20.53	20.71	21			50	50
20.51	20.53	20.61	21			100	0
18.70	18.75	18.78	19	256QAM		1	0
18.77	18.78	18.70	19			1	49
18.82	18.53	18.80	19			1	99
18.66	18.59	18.69	19			50	0
18.70	18.82	18.64	19			50	25
18.81	18.90	18.72	19			50	50
18.53	18.61	18.84	19			100	0

LTE Band 43 Ant 7							
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)				
23.55	23.43	23.66	24	QPSK	15MHz	1	0
23.54	23.54	23.53	24			1	37
23.71	23.72	23.58	24			1	74
22.88	22.57	22.59	23			36	0
22.97	22.69	22.98	23			36	19
22.75	22.71	22.80	23			36	39
22.79	22.95	22.67	23			75	0
22.94	22.63	22.86	23	1		0	
22.61	22.52	22.88	23	1		37	
22.56	22.66	22.77	23	1		74	
21.80	21.99	21.69	22	16QAM		36	0
21.77	21.54	21.74	22	36		19	
21.61	21.91	21.78	22	36		39	
21.86	21.63	21.94	22	75		0	
21.56	21.61	21.83	22	1		0	
21.79	21.50	21.71	22	1		37	
21.51	21.92	21.70	22	1		74	
20.73	20.95	20.64	21	64QAM		36	0
20.55	20.80	20.75	21	36		19	
20.66	20.95	20.69	21	36		39	
20.70	20.90	20.70	21	75		0	
18.95	18.50	18.56	19	1		0	
19.00	18.54	18.85	19	1		37	
18.73	18.75	18.99	19	1		74	
18.83	18.66	18.74	19	256QAM		36	0
18.74	18.75	18.64	19	36		19	
18.77	18.76	18.95	19	36		39	
18.73	18.66	18.92	19	75		0	

LTE Band 43 Ant 7							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
44140	44340	44540	Channel				
3655	3675	3695	Frequency (MHz)				
23.66	23.55	23.66	24	QPSK	10MHz	1	0
23.54	23.54	23.51	24			1	24
23.61	23.67	23.53	24			1	49
22.66	22.73	22.66	23			25	0
22.64	22.63	22.69	23			25	12
22.81	22.83	22.50	23			25	25
22.69	22.60	22.58	23			50	0
22.74	22.95	22.59	23	1		0	
22.94	22.57	22.83	23	1		24	
22.86	22.92	22.95	23	1		49	
21.58	21.62	21.96	22	25		0	
21.63	21.87	22.00	22	25		12	
21.62	21.82	21.65	22	25		25	
21.98	21.86	22.00	22	50		0	
21.77	21.57	21.75	22	1		0	
21.76	21.69	21.55	22	1		24	
21.79	21.94	21.53	22	1		49	
20.84	20.59	20.93	21	25		0	
20.89	20.89	21.00	21	25		12	
20.83	20.77	20.89	21	25		25	
20.84	20.89	20.85	21	50		0	
18.93	18.85	18.78	19	1		0	
18.63	18.51	18.97	19	1		24	
18.58	18.87	18.61	19	1		49	
18.56	18.54	18.84	19	25		0	
18.99	18.65	18.51	19	25		12	
18.65	18.58	18.70	19	25		25	
18.51	18.70	18.52	19	50		0	

LTE Band 43 Ant 7							
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)				
23.60	23.72	23.62	24	QPSK	5MHz	1	0
23.66	23.54	23.52	24			1	12
23.62	23.73	23.51	24			1	24
23.00	22.86	22.53	23			12	0
22.56	22.82	22.98	23			12	6
22.86	22.62	22.86	23			12	13
22.85	22.53	22.76	23			25	0
22.93	22.77	22.55	23	16QAM	5MHz	1	0
22.60	22.52	22.98	23			1	12
22.82	22.72	22.99	23			1	24
21.93	21.62	21.83	22			12	0
21.84	21.70	21.91	22			12	6
21.82	21.50	21.58	22			12	13
21.80	21.95	21.54	22			25	0
21.73	21.71	21.59	22	64QAM	5MHz	1	0
21.76	21.87	21.79	22			1	12
21.62	21.79	21.75	22			1	24
20.59	20.71	20.92	21			12	0
20.76	20.66	20.66	21			12	6
20.87	20.89	20.72	21			12	13
20.96	20.51	20.61	21			25	0
18.95	18.77	18.52	19	256QAM	5MHz	1	0
18.97	18.52	18.94	19			1	12
18.81	18.51	18.57	19			1	24
18.89	18.54	18.66	19			12	0
18.90	18.74	18.78	19			12	6
18.51	18.71	18.63	19			12	13
18.55	18.64	19.00	19			25	0

LTE Band 48 Ant 7								
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)				
23.01	23.22	23.06	23.20	24	QPSK	20MHz	1	0
23.07	23.15	23.08	23.01	24			1	49
22.95	22.96	22.93	23.04	24			1	99
22.88	22.90	22.51	22.76	23			50	0
22.65	22.56	22.79	22.54	23			50	25
22.50	22.89	22.52	22.58	23			50	50
22.92	22.96	22.81	22.84	23			100	0
22.60	22.74	22.54	22.94	23	16QAM		1	0
22.64	22.94	22.88	22.78	23			1	49
22.92	22.54	22.78	22.78	23			1	99
21.50	21.72	21.66	21.76	22			50	0
21.85	21.72	21.79	21.90	22			50	25
21.63	21.74	21.93	21.92	22			50	50
21.78	21.75	21.65	21.84	22			100	0
21.70	21.53	21.72	21.66	22	64QAM		1	0
21.51	21.91	21.83	21.89	22			1	49
21.94	21.99	21.97	21.53	22			1	99
21.00	20.78	20.78	20.74	21			50	0
20.61	20.99	20.70	20.85	21			50	25
20.77	20.71	20.70	20.78	21			50	50
20.66	20.92	20.59	20.93	21			100	0
18.64	18.71	18.67	18.59	19	256QAM		1	0
18.54	18.78	18.82	18.67	19			1	49
18.80	18.94	18.80	18.51	19			1	99
18.94	18.61	18.91	18.99	19			50	0
18.59	18.80	18.91	18.82	19			50	25
18.58	18.65	18.58	18.61	19			50	50
18.84	18.89	18.92	18.81	19			100	0

LTE Band 48 Ant 7								
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)				
23.13	23.11	23.21	23.15	24	QPSK	15MHz	1	0
23.12	23.13	22.90	23.11	24			1	37
23.21	23.07	23.17	23.11	24			1	74
22.59	22.72	22.75	22.82	23			36	0
22.76	22.71	22.60	22.95	23			36	19
22.68	22.74	22.86	22.62	23			36	39
22.72	22.95	22.77	22.85	23			75	0
22.93	22.75	22.86	22.64	23	16QAM		1	0
22.67	22.88	22.54	22.68	23			1	37
22.80	22.71	22.77	22.71	23			1	74
21.63	21.59	21.54	21.53	22			36	0
21.83	21.92	22.00	21.71	22			36	19
21.63	21.54	21.90	21.96	22			36	39
21.79	21.73	21.74	21.54	22			75	0
21.74	21.90	21.89	21.52	22	64QAM		1	0
21.92	21.72	21.95	21.51	22			1	37
21.77	21.93	21.68	21.58	22			1	74
20.78	20.74	20.79	20.89	21			36	0
20.54	20.54	20.89	20.50	21			36	19
20.61	20.63	20.87	20.74	21			36	39
20.88	20.98	20.79	20.57	21			75	0
18.61	18.96	18.58	18.85	19	256QAM		1	0
18.69	18.91	18.81	18.93	19			1	37
19.00	18.98	18.91	18.87	19			1	74
18.50	18.80	18.55	18.63	19			36	0
18.56	18.53	18.79	18.68	19			36	19
18.79	18.79	18.97	18.71	19			36	39
18.95	18.85	18.79	18.72	19			75	0

LTE Band 48 Ant 7								
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)				
23.02	22.95	22.90	23.04	24	QPSK	10MHz	1	0
23.12	22.93	23.05	22.95	24			1	24
23.04	23.17	23.06	23.07	24			1	49
22.62	22.54	22.94	22.65	23			25	0
22.67	22.80	22.70	22.73	23			25	12
22.65	22.94	22.77	23.00	23			25	25
22.50	22.50	22.59	22.80	23	50		0	
22.87	22.75	22.91	23.00	23	1		0	
22.92	22.94	22.54	22.94	23	1		24	
22.51	22.53	22.65	22.97	23	1		49	
21.60	21.65	21.74	21.75	22	16QAM		25	0
21.90	21.63	21.88	21.91	22			25	12
21.85	21.82	21.92	21.80	22			25	25
21.55	21.84	21.53	21.90	22			50	0
21.75	21.52	21.66	21.62	22			1	0
21.86	21.80	21.50	21.91	22	1		24	
21.70	21.58	21.74	21.93	22	1		49	
20.50	20.58	20.57	20.68	21	64QAM		25	0
20.66	20.99	20.89	20.98	21			25	12
20.97	20.73	20.83	20.82	21			25	25
20.95	20.92	20.54	20.66	21			50	0
18.98	18.78	18.72	18.92	19			1	0
18.67	18.81	18.72	18.88	19	1		24	
18.53	18.97	18.72	18.85	19	1		49	
18.65	18.75	18.93	18.57	19	256QAM		25	0
18.73	18.53	18.74	18.85	19			25	12
18.85	18.76	18.65	18.69	19			25	25
18.98	18.56	19.00	18.91	19			50	0

LTE Band 48 Ant 7								
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	22.96	23.03	23.08	24	QPSK	5MHz	1	0
22.93	23.14	23.16	23.16	24			1	12
23.04	23.11	22.94	22.93	24			1	24
22.96	22.79	22.69	22.87	23			12	0
22.85	22.53	22.60	22.62	23			12	6
22.56	22.50	22.67	22.53	23			12	13
22.52	22.89	22.60	22.58	23			25	0
22.92	22.65	22.58	22.55	23	1		0	
22.58	22.91	22.51	22.77	23	1		12	
22.84	22.93	22.82	22.53	23	1		24	
21.71	21.67	21.50	21.56	22	16QAM		12	0
21.70	21.90	21.79	21.78	22			12	6
21.78	21.85	21.81	21.56	22			12	13
21.81	21.76	21.63	21.80	22			25	0
21.94	21.70	21.78	21.76	22			1	0
21.99	21.71	21.57	21.72	22	1		12	
21.93	21.76	21.91	21.70	22	1		24	
20.82	20.82	20.71	20.91	21	64QAM		12	0
20.68	20.54	20.85	20.84	21			12	6
20.99	20.86	20.72	20.70	21			12	13
20.93	20.98	20.59	20.64	21			25	0
18.73	18.57	18.80	18.67	19			1	0
18.56	18.52	18.59	18.74	19	1		12	
18.98	18.96	18.55	18.53	19	1		24	
18.99	18.98	18.90	18.50	19	256QAM		12	0
18.67	18.90	18.82	18.90	19			12	6
18.60	18.56	18.99	18.85	19			12	13
18.51	18.58	18.60	18.92	19			25	0

NR Band n2 Ant 0								
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset	
372000	376000	380000	Channel					
1860	1880	1900	Frequency (MHz)					
22.99	23.04	22.94	24	DFT-S $\pi/2$ BPSK	20 MHz	1	1	
23.08	22.95	23.09	24			1	53	
22.99	22.99	23.05	24			1	104	
22.61	22.67	22.63	23.5			50	0	
23.05	23.08	23.04	24			50	28	
22.65	22.41	22.68	23.5			50	56	
22.40	22.57	22.66	23.5			100	0	
23.01	23.19	23.09	24	DFT-S QPSK		1	1	
23.04	23.11	23.03	24			1	53	
23.01	23.09	23.11	24			1	104	
22.05	21.93	21.98	23			50	0	
23.14	23.17	23.10	24			50	28	
22.02	22.08	22.17	23			50	56	
22.00	22.18	22.05	23			100	0	
21.90	22.15	22.16	23	DFT-S 16QAM	1	1		
20.42	20.43	20.40	21.5	DFT-S 64QAM	1	1		
18.53	18.50	18.46	19.5	DFT-S 256QAM	1	1		
21.46	21.57	21.40	22.5	CP QPSK	1	1		

NR Band n2 Ant 0								
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset	
371500	376000	380500	Channel					
1857.5	1880	1902.5	Frequency (MHz)					
23.05	23.05	22.98	24	DFT-S $\pi/2$ BPSK	15 MHz	1	1	
23.10	22.98	22.99	24			1	40	
22.97	22.95	22.92	24			1	77	
22.49	22.62	22.53	23.5			36	0	
23.09	23.04	23.05	24			36	22	
22.49	22.58	22.61	23.5			36	43	
22.46	22.41	22.54	23.5			75	0	
23.07	23.04	23.03	24	DFT-S QPSK		1	1	
23.04	22.93	22.90	24			1	40	
23.12	23.07	22.99	24			1	77	
22.18	22.19	22.12	23			36	0	
23.08	23.17	23.07	24			36	22	
22.11	22.03	22.20	23			36	43	
22.14	22.13	22.09	23			75	0	
22.10	22.16	21.99	23	DFT-S 16QAM	1	1		
20.59	20.70	20.62	21.5	DFT-S 64QAM	1	1		
18.51	18.55	18.58	19.5	DFT-S 256QAM	1	1		
21.57	21.58	21.50	22.5	CP QPSK	1	1		

NR Band n2 Ant 0								
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset	
371000	376000	381000	Channel					
1855	1880	1905	Frequency (MHz)					
23.06	23.01	23.00	24	DFT-S $\pi/2$ BPSK	10 MHz	1	1	
22.94	22.97	23.02	24			1	26	
23.00	22.93	23.10	24			1	50	
22.65	22.48	22.64	23.5			25	0	
22.98	23.06	22.93	24			25	14	
22.60	22.70	22.48	23.5			25	27	
22.69	22.44	22.59	23.5			50	0	
22.96	23.14	23.04	24	DFT-S QPSK		1	1	
23.07	23.11	23.18	24			1	26	
23.15	23.16	23.16	24			1	50	
22.15	22.16	21.99	23			25	0	
23.11	22.93	23.14	24			25	14	
22.15	22.02	21.93	23			25	27	
22.15	22.04	21.96	23			50	0	
22.11	22.06	21.99	23	DFT-S 16QAM	1	1		
20.59	20.59	20.52	21.5	DFT-S 64QAM	1	1		
18.57	18.56	18.45	19.5	DFT-S 256QAM	1	1		
21.57	21.67	21.64	22.5	CP QPSK	1	1		

NR Band n2 Ant 0								
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset	
370500	376000	381500	Channel					
1852.5	1880	1907.5	Frequency (MHz)					
23.04	23.02	23.03	24	DFT-S $\pi/2$ BPSK	5 MHz	1	1	
22.98	23.09	22.92	24			1	13	
23.09	23.09	22.95	24			1	23	
22.42	22.64	22.57	23.5			12	0	
22.99	22.91	23.09	24			12	7	
22.67	22.61	22.54	23.5			12	13	
22.56	22.69	22.59	23.5			25	0	
23.02	23.06	22.91	24	DFT-S QPSK		1	1	
23.00	23.09	23.14	24			1	13	
23.12	23.14	23.08	24			1	23	
22.12	21.97	22.06	23			12	0	
23.08	22.91	23.18	24			12	7	
22.17	21.93	22.14	23			12	13	
22.13	21.91	21.92	23			25	0	
22.03	22.07	22.14	23	DFT-S 16QAM	1	1		
20.57	20.56	20.45	21.5	DFT-S 64QAM	1	1		
18.68	18.64	18.67	19.5	DFT-S 256QAM	1	1		
21.43	21.50	21.58	22.5	CP QPSK	1	1		

NR Band n5 Ant 0							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
166800	167300	167800	Channel				
834	836.5	839	Frequency (MHz)				
22.43	22.35	22.33	24	DFT-S $\pi/2$ BPSK	20 MHz	1	1
22.21	22.15	22.19	24			1	53
22.01	22.05	22.03	24			1	104
22.01	21.97	21.98	23.5			50	0
22.27	22.26	22.22	24			50	28
22.06	22.09	21.99	23.5			50	56
22.02	22.04	22.12	23.5			100	0
22.44	22.64	22.38	24	DFT-S QPSK		1	1
22.22	22.32	22.29	24			1	53
22.03	22.02	22.03	24			1	104
21.94	21.91	21.96	23			50	0
22.30	22.31	22.19	24			50	28
21.88	21.84	21.92	23			50	56
21.93	21.97	21.87	23			100	0
21.95	21.98	21.93	23	DFT-S 16QAM	1	1	
20.41	20.44	20.48	21.5	DFT-S 64QAM	1	1	
18.45	18.49	18.41	19.5	DFT-S 256QAM	1	1	
21.42	21.46	21.39	22.5	CP QPSK	1	1	

NR Band n5 Ant 0								
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset	
166300	167300	168300	Channel					
831.5	836.5	841.5	Frequency (MHz)					
22.43	22.32	22.23	24	DFT-S $\pi/2$ BPSK	15 MHz	1	1	
22.33	22.31	22.29	24			1	40	
22.21	22.09	22.01	24			1	77	
22.05	22.07	22.08	23.5			36	0	
22.43	22.24	22.17	24			36	22	
22.07	22.03	22.01	23.5			36	43	
22.06	22.04	22.11	23.5			75	0	
22.46	22.30	22.27	24	DFT-S QPSK		1	1	
22.31	22.28	22.21	24			1	40	
22.11	22.10	22.08	24			1	77	
21.88	21.98	21.97	23			36	0	
22.36	22.31	22.18	24			36	22	
21.91	21.91	21.99	23			36	43	
21.87	21.93	21.89	23			75	0	
21.88	21.94	21.90	23	DFT-S 16QAM	1	1		
20.44	20.41	20.46	21.5	DFT-S 64QAM	1	1		
18.47	18.49	18.46	19.5	DFT-S 256QAM	1	1		
21.41	21.39	21.46	22.5	CP QPSK	1	1		

NR Band n5 Ant 0								
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset	
165800	167300	168800	Channel					
829	836.5	844	Frequency (MHz)					
22.55	22.46	22.24	24	DFT-S $\pi/2$ BPSK	10 MHz	1	1	
22.44	22.46	22.49	24			1	26	
22.39	22.27	22.00	24			1	50	
22.07	22.11	22.13	23.5			25	0	
22.57	22.50	22.28	24			25	14	
22.21	22.16	22.19	23.5			25	27	
22.09	22.16	22.17	23.5			50	0	
22.61	22.54	22.25	24	DFT-S QPSK		1	1	
22.55	22.51	22.22	24			1	26	
22.42	22.34	22.12	24			1	50	
21.94	21.91	21.95	23			25	0	
22.60	22.53	22.21	24			25	14	
21.92	21.88	21.86	23			25	27	
21.95	21.84	21.97	23			50	0	
21.86	21.94	21.89	23	DFT-S 16QAM	1	1		
20.44	20.46	20.44	21.5	DFT-S 64QAM	1	1		
18.39	18.44	18.48	19.5	DFT-S 256QAM	1	1		
21.33	21.39	21.37	22.5	CP QPSK	1	1		

NR Band n5 Ant 0								
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset	
165300	167300	169300	Channel					
826.5	836.5	846.5	Frequency (MHz)					
22.42	22.32	22.05	24	DFT-S $\pi/2$ BPSK	5 MHz	1	1	
22.39	22.28	22.09	24			1	13	
22.40	22.24	22.02	24			1	23	
22.16	22.08	21.98	23.5			12	0	
22.45	22.31	22.03	24			12	7	
22.18	22.19	21.99	23.5			12	13	
22.16	22.17	21.96	23.5			25	0	
22.62	22.31	22.11	24	DFT-S QPSK		1	1	
22.55	22.33	22.07	24			1	13	
22.41	22.25	22.03	24			1	23	
21.95	21.93	21.82	23			12	0	
22.51	22.30	22.12	24			12	7	
21.94	21.92	21.83	23			12	13	
21.96	21.91	21.85	23			25	0	
21.93	21.92	21.81	23	DFT-S 16QAM	1	1		
20.43	20.48	20.48	21.5	DFT-S 64QAM	1	1		
18.43	18.49	18.39	19.5	DFT-S 256QAM	1	1		
21.39	21.45	21.00	22.5	CP QPSK	1	1		

NR Band n7 Ant 0								
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset	
502000	507000	512000	Channel					
2510	2535	2560	Frequency (MHz)					
22.30	22.31	22.26	24	DFT-S $\pi/2$ BPSK	20 MHz	1	1	
22.27	22.30	22.23	24			1	53	
22.28	22.23	22.01	24			1	104	
21.66	21.68	21.69	23.5			50	0	
22.05	22.07	22.03	24			50	28	
21.71	21.72	21.68	23.5			50	56	
21.78	21.75	21.79	23.5			100	0	
22.34	22.24	22.26	24	DFT-S QPSK		1	1	
22.22	22.05	22.03	24			1	53	
22.33	22.17	22.02	24			1	104	
21.44	21.42	21.39	23			50	0	
22.20	22.15	22.17	24			50	28	
21.42	21.48	21.47	23			50	56	
21.45	21.39	21.38	23			100	0	
21.41	21.46	21.49	23	DFT-S 16QAM	1	1		
19.88	19.82	19.91	21.5	DFT-S 64QAM	1	1		
17.99	17.92	17.94	19.5	DFT-S 256QAM	1	1		
20.95	20.91	20.89	22.5	CP QPSK	1	1		

NR Band n7 Ant 0								
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset	
501500	507000	512500	Channel					
2507.5	2535	2562.5	Frequency (MHz)					
22.08	22.20	22.01	24	DFT-S $\pi/2$ BPSK	15 MHz	1	1	
22.13	22.16	22.13	24			1	40	
22.16	22.10	22.05	24			1	77	
21.79	21.72	21.77	23.5			36	0	
22.04	22.30	22.11	24			36	22	
21.71	21.72	21.73	23.5			36	43	
21.76	21.69	21.72	23.5			75	0	
22.23	22.23	22.10	24	DFT-S QPSK		1	1	
22.20	22.26	22.13	24			1	40	
22.22	22.20	22.00	24			1	77	
21.38	21.41	21.39	23			36	0	
22.13	22.21	22.01	24			36	22	
21.44	21.49	21.46	23			36	43	
21.42	21.44	21.48	23			75	0	
21.43	21.47	21.39	23	DFT-S 16QAM	1	1		
19.88	19.92	19.91	21.5	DFT-S 64QAM	1	1		
17.93	17.88	18.00	19.5	DFT-S 256QAM	1	1		
20.95	20.92	20.98	22.5	CP QPSK	1	1		

NR Band n7 Ant 0							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
501000	507000	513000	Channel				
2505	2535	2565	Frequency (MHz)				
22.17	22.17	22.06	24	DFT-S $\pi/2$ BPSK	10 MHz	1	1
22.13	22.19	22.09	24			1	26
22.20	22.32	22.07	24			1	50
21.99	21.97	21.98	23.5			25	0
22.21	22.18	22.12	24			25	14
21.88	21.92	21.91	23.5			25	27
21.86	21.91	21.86	23.5			50	0
22.14	22.18	22.09	24	DFT-S QPSK		1	1
22.22	22.19	22.11	24			1	26
22.30	22.31	22.08	24			1	50
21.49	21.44	21.45	23			25	0
22.25	22.26	22.09	24			25	14
21.42	21.43	21.44	23			25	27
21.48	21.41	21.43	23			50	0
21.39	21.48	21.38	23	DFT-S 16QAM	1	1	
19.97	19.89	19.95	21.5	DFT-S 64QAM	1	1	
17.89	17.91	17.98	19.5	DFT-S 256QAM	1	1	
20.97	20.99	20.97	22.5	CP QPSK	1	1	

NR Band n7 Ant 0								
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset	
500500	507000	513500	Channel					
2502.5	2535	2567.5	Frequency (MHz)					
22.04	22.04	22.03	24	DFT-S $\pi/2$ BPSK	5 MHz	1	1	
22.02	22.03	22.01	24			1	13	
22.05	22.01	22.01	24			1	23	
21.67	21.77	21.63	23.5			12	0	
22.04	22.11	22.00	24			12	7	
21.66	21.74	21.69	23.5			12	13	
21.68	21.72	21.66	23.5			25	0	
22.08	22.08	22.10	24	DFT-S QPSK		1	1	
22.09	22.13	22.16	24			1	13	
22.17	22.05	22.09	24			1	23	
21.48	21.45	21.48	23			12	0	
22.14	22.11	22.14	24			12	7	
21.44	21.46	21.47	23			12	13	
21.48	21.39	21.44	23			25	0	
21.42	21.41	21.39	23	DFT-S 16QAM	1	1		
19.95	19.92	19.96	21.5	DFT-S 64QAM	1	1		
17.91	17.98	17.90	19.5	DFT-S 256QAM	1	1		
20.92	20.96	20.88	22.5	CP QPSK	1	1		

NR Band n12 Ant 0								
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset	
141300	141500	141700	Channel					
706.5	707.5	708.5	Frequency (MHz)					
22.79	22.84	22.81	24	DFT-S $\pi/2$ BPSK	15 MHz	1	1	
22.77	22.66	22.71	24			1	40	
22.60	22.54	22.55	24			1	77	
22.45	22.38	22.39	23.5			36	0	
22.80	22.75	22.76	24			36	22	
22.44	22.39	22.41	23.5			36	43	
22.48	22.42	22.39	23.5			75	0	
22.85	23.02	22.83	24	DFT-S QPSK		1	1	
22.77	22.81	22.72	24			1	40	
22.56	22.58	22.53	24			1	77	
22.29	22.31	22.23	23			36	0	
22.78	22.80	22.74	24			36	22	
22.31	22.29	22.22	23			36	43	
22.30	22.30	22.26	23			75	0	
22.28	22.29	22.30	23	DFT-S 16QAM	1	1		
20.94	20.98	20.88	21.5	DFT-S 64QAM	1	1		
18.91	18.92	18.94	19.5	DFT-S 256QAM	1	1		
21.94	21.96	21.93	22.5	CP QPSK	1	1		

NR Band n12 Ant 0								
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset	
140800	141500	142200	Channel					
704	707.5	711	Frequency (MHz)					
22.84	22.84	22.77	24	DFT-S $\pi/2$ BPSK	10 MHz	1	1	
22.71	22.73	22.71	24			1	26	
22.68	22.69	22.74	24			1	50	
22.44	22.41	22.42	23.5			25	0	
22.88	22.77	22.78	24			25	14	
22.44	22.49	22.48	23.5			25	27	
22.41	22.47	22.39	23.5			50	0	
22.93	22.97	22.86	24	DFT-S QPSK		1	1	
22.88	22.88	22.72	24			1	26	
22.71	22.66	22.61	24			1	50	
22.34	22.36	22.29	23			25	0	
22.86	22.95	22.77	24			25	14	
22.33	22.38	22.31	23			25	27	
22.38	22.34	22.30	23			50	0	
22.36	22.38	22.29	23	DFT-S 16QAM	1	1		
20.96	20.99	20.89	21.5	DFT-S 64QAM	1	1		
18.88	18.91	18.96	19.5	DFT-S 256QAM	1	1		
21.89	21.96	21.93	22.5	CP QPSK	1	1		

NR Band n12 Ant 0							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
140300	141500	142700	Channel				
701.5	707.5	713.5	Frequency (MHz)				
22.83	22.78	22.66	24	DFT-S $\pi/2$ BPSK	5 MHz	1	1
22.85	22.88	22.64	24			1	13
22.80	22.67	22.50	24			1	23
22.49	22.44	22.39	23.5			12	0
22.86	22.90	22.63	24			12	7
22.45	22.47	22.42	23.5			12	13
22.44	22.43	22.40	23.5			25	0
22.92	22.77	22.67	24	DFT-S QPSK		1	1
22.88	22.72	22.66	24			1	13
22.82	22.69	22.61	24			1	23
22.35	22.29	22.24	23			12	0
22.91	22.85	22.64	24			12	7
22.34	22.28	22.26	23			12	13
22.37	22.29	22.31	23			25	0
22.33	22.32	22.31	23	DFT-S 16QAM	1	1	
20.88	20.94	20.89	21.5	DFT-S 64QAM	1	1	
18.97	18,99	18.94	19.5	DFT-S 256QAM	1	1	
21.89	21.95	21.88	22.5	CP QPSK	1	1	

NR Band n13 Ant 0					
Maximum Average Power (dBm)	Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
156400	Channel				
782	Frequency (MHz)				
22.81	24	DFT-S $\pi/2$ BPSK	10 MHz	1	1
22.78	24			1	26
22.82	24			1	50
22.41	23.5			25	0
22.78	24			25	14
22.43	23.5			25	27
22.42	23.5			50	0
22.98	24	DFT-S QPSK		1	1
22.91	24			1	26
22.83	24			1	50
21.87	23			25	0
22.81	24			25	14
21.86	23			25	27
21.83	23			50	0
21.92	23	DFT-S 16QAM	1	1	
20.41	21.5	DFT-S 64QAM	1	1	
18.49	19.5	DFT-S 256QAM	1	1	
21.43	22.5	CP QPSK	1	1	

NR Band n13 Ant 0								
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset	
155900	156400	156900	Channel					
779.5	782	784.5	Frequency (MHz)					
22.56	22.70	22.71	24	DFT-S $\pi/2$ BPSK	5 MHz	1	1	
22.54	22.72	22.53	24			1	13	
22.54	22.62	22.53	24			1	23	
22.18	22.36	22.14	23.5			12	0	
22.48	22.68	22.56	24			12	7	
22.35	22.40	22.27	23.5			12	13	
22.18	22.34	22.29	23.5			25	0	
22.79	22.86	22.70	24	DFT-S QPSK		1	1	
22.76	22.76	22.61	24			1	13	
22.69	22.74	22.69	24			1	23	
21.59	21.69	21.57	23			12	0	
22.67	22.71	22.52	24			12	7	
21.73	21.76	21.66	23			12	13	
21.56	21.76	21.56	23			25	0	
21.46	21.68	21.48	23	DFT-S 16QAM	1	1		
20.12	20.24	20.22	21.5	DFT-S 64QAM	1	1		
18.36	18.46	18.33	19.5	DFT-S 256QAM	1	1		
21.16	21.26	21.11	22.5	CP QPSK	1	1		

NR Band n14 Ant 0					
Maximum Average Power (dBm)	Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
158600	Channel				
793	Frequency (MHz)				
24.69	25	DFT-S $\pi/2$ BPSK	10 MHz	1	1
24.66	25			1	26
24.51	25			1	50
24.32	24.5			25	0
24.73	25			25	14
24.39	24.5			25	27
24.36	24.5			50	0
24.92	25	DFT-S QPSK		1	1
24.79	25			1	26
24.58	25			1	50
23.93	24			25	0
24.86	25			25	14
23.95	24			25	27
23.98	24			50	0
23.91	24	DFT-S 16QAM	1	1	
22.44	22.5	DFT-S 64QAM	1	1	
20.48	20.5	DFT-S 256QAM	1	1	
23.33	23.5	CP QPSK	1	1	

NR Band n14 Ant 0								
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset	
158100	158600	159100	Channel					
790.5	793	795.5	Frequency (MHz)					
24.61	24.66	24.79	25	DFT-S $\pi/2$ BPSK	5 MHz	1	1	
24.59	24.68	24.66	25			1	13	
24.58	24.70	24.57	25			1	23	
24.33	24.38	24.31	24.5			12	0	
24.68	24.82	24.67	25			12	7	
24.34	24.37	24.29	24.5			12	13	
24.32	24.36	24.37	24.5			25	0	
24.78	24.78	24.87	25	DFT-S QPSK		1	1	
24.79	24.77	24.69	25			1	13	
24.77	24.73	24.58	25			1	23	
23.99	23.94	23.91	24			12	0	
24.67	24.78	24.70	25			12	7	
23.94	23.93	23.95	24			12	13	
23.92	23.91	23.96	24			25	0	
23.94	23.95	23.93	24	DFT-S 16QAM	1	1		
22.39	22.41	22.37	22.5	DFT-S 64QAM	1	1		
20.41	20.44	20.48	20.5	DFT-S 256QAM	1	1		
23.44	23.48	23.49	23.5	CP QPSK	1	1		

NR Band n25 Ant 0								
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset	
372000	376500	381000	Channel					
1860	1882.5	1905	Frequency (MHz)					
22.18	22.13	22.03	24	DFT-S $\pi/2$ BPSK	20 MHz	1	1	
22.13	22.06	22.01	24			1	53	
22.01	22.19	22.11	24			1	104	
21.77	21.78	21.67	23.5			50	0	
22.23	22.15	22.11	24			50	28	
21.72	21.77	21.66	23.5			50	56	
21.76	21.78	21.63	23.5			100	0	
22.43	22.16	22.12	24	DFT-S QPSK		1	1	
22.31	22.07	22.13	24			1	53	
22.12	22.12	22.11	24			1	104	
21.48	21.49	21.44	23			50	0	
22.22	22.15	22.08	24			50	28	
21.44	21.41	21.41	23			50	56	
21.48	21.45	21.42	23			100	0	
21.43	21.39	21.38	23	DFT-S 16QAM	1	1		
19.98	19.94	19.95	21.5	DFT-S 64QAM	1	1		
17.95	17.96	17.91	19.5	DFT-S 256QAM	1	1		
20.96	20.91	20.93	22.5	CP QPSK	1	1		

NR Band n25 Ant 0								
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset	
371500	376500	381500	Channel					
1857.5	1882.5	1907.5	Frequency (MHz)					
22.26	22.12	22.18	24	DFT-S $\pi/2$ BPSK	15 MHz	1	1	
22.22	22.08	22.06	24			1	40	
22.14	22.05	22.13	24			1	77	
21.87	21.78	21.56	23.5			36	0	
22.27	22.09	22.14	24			36	22	
21.82	21.77	21.58	23.5			36	43	
21.85	21.76	21.61	23.5			75	0	
22.20	22.16	22.14	24	DFT-S QPSK		1	1	
22.21	22.09	22.18	24			1	40	
22.23	22.03	22.04	24			1	77	
21.44	21.49	21.39	23			36	0	
22.31	22.15	22.13	24			36	22	
21.42	21.44	21.38	23			36	43	
21.41	21.47	21.39	23			75	0	
21.49	21.45	21.41	23	DFT-S 16QAM	1	1		
19.88	19.91	19.82	21.5	DFT-S 64QAM	1	1		
17.94	17.95	17.91	19.5	DFT-S 256QAM	1	1		
20.98	20.93	20.88	22.5	CP QPSK	1	1		

NR Band n25 Ant 0								
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset	
371000	376500	382000	Channel					
1855	1882.5	1910	Frequency (MHz)					
22.31	22.20	22.19	24	DFT-S $\pi/2$ BPSK	10 MHz	1	1	
22.30	22.18	22.18	24			1	26	
22.30	22.19	22.15	24			1	50	
21.97	21.94	21.79	23.5			25	0	
22.41	22.37	22.34	24			25	14	
21.95	21.93	21.74	23.5			25	27	
21.93	21.91	21.77	23.5			50	0	
22.36	22.23	22.20	24	DFT-S QPSK		1	1	
22.33	22.17	22.14	24			1	26	
22.19	22.04	22.03	24			1	50	
21.48	21.48	21.33	23			25	0	
22.40	22.40	22.00	24			25	14	
21.44	21.47	21.34	23			25	27	
21.48	21.45	21.32	23			50	0	
21.47	21.44	21.37	23	DFT-S 16QAM	1	1		
19.89	19.88	19.80	21.5	DFT-S 64QAM	1	1		
17.95	17.93	17.91	19.5	DFT-S 256QAM	1	1		
20.88	20.89	20.81	22.5	CP QPSK	1	1		

NR Band n25 Ant 0								
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset	
370500	376500	382500	Channel					
1852.5	1882.5	1912.5	Frequency (MHz)					
22.14	22.22	22.21	24	DFT-S $\pi/2$ BPSK	5 MHz	1	1	
22.11	22.20	22.14	24			1	13	
22.15	22.19	22.16	24			1	23	
21.89	21.88	21.56	23.5			12	0	
22.21	22.19	22.20	24			12	7	
21.88	21.84	21.59	23.5			12	13	
21.91	21.85	21.58	23.5			25	0	
22.26	22.21	22.14	24	DFT-S QPSK		1	1	
22.24	22.20	22.17	24			1	13	
22.25	22.16	22.19	24			1	23	
21.44	21.47	21.29	23			12	0	
22.22	22.22	22.14	24			12	7	
21.42	21.45	21.31	23			12	13	
21.44	21.46	21.30	23			25	0	
21.40	21.44	21.28	23	DFT-S 16QAM	1	1		
19.97	19.98	19.86	21.5	DFT-S 64QAM	1	1		
17.91	17.93	17.85	19.5	DFT-S 256QAM	1	1		
20.94	20.93	20.79	22.5	CP QPSK	1	1		

NR Band n30 Ant 0					
Maximum Average Power (dBm)	Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
462000	Channel				
2310	Frequency (MHz)				
22.58	24	DFT-S $\pi/2$ BPSK	10 MHz	1	1
22.54	24			1	26
22.57	24			1	50
22.50	23.5			25	0
22.59	24			25	14
22.49	23.5			25	27
22.43	23.5			50	0
22.65	24	DFT-S QPSK		1	1
22.63	24			1	26
22.56	24			1	50
22.00	23			25	0
22.62	24			25	14
21.97	23			25	27
21.89	23			50	0
21.91	23	DFT-S 16QAM	1	1	
20.50	21.5	DFT-S 64QAM	1	1	
18.43	19.5	DFT-S 256QAM	1	1	
21.11	22.5	CP QPSK	1	1	

NR Band n30 Ant 0								
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset	
461500	462000	462500	Channel					
2307.5	2310	2312.5	Frequency (MHz)					
22.49	22.51	22.59	24	DFT-S $\pi/2$ BPSK	5 MHz	1	1	
22.41	22.55	22.48	24			1	13	
22.61	22.61	22.58	24			1	23	
22.23	22.41	22.41	23.5			12	0	
22.39	22.43	22.40	24			12	7	
22.34	22.50	22.48	23.5			12	13	
22.43	22.46	22.32	23.5			25	0	
22.46	22.64	22.60	24	DFT-S QPSK		1	1	
22.46	22.62	22.55	24			1	13	
22.43	22.43	22.29	24			1	23	
21.85	21.95	21.94	23			12	0	
22.45	22.54	22.40	24			12	7	
21.86	21.98	21.86	23			12	13	
21.30	21.46	21.39	23			25	0	
21.89	21.91	21.80	23	DFT-S 16QAM	1	1		
20.39	20.46	20.44	21.5	DFT-S 64QAM	1	1		
18.27	18.31	18.28	19.5	DFT-S 256QAM	1	1		
21.28	21.45	21.35	22.5	CP QPSK	1	1		

NR Band n66 Ant 0								
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset	
344000	349000	354000	Channel					
1720	1745	1770	Frequency (MHz)					
22.67	22.85	22.98	24	DFT-S $\pi/2$ BPSK	20 MHz	1	1	
22.74	22.96	22.76	24			1	53	
22.91	22.98	22.74	24			1	104	
22.25	22.43	22.39	23.5			50	0	
22.78	22.78	22.68	24			50	28	
22.38	22.48	22.41	23.5			50	56	
22.32	22.38	22.29	23.5			100	0	
22.80	22.99	22.87	24	DFT-S QPSK		1	1	
22.94	22.97	22.92	24			1	53	
22.84	22.91	22.89	24			1	104	
21.25	21.44	21.42	23			50	0	
22.79	22.96	22.76	24			50	28	
21.86	21.89	21.74	23			50	56	
21.67	21.91	21.91	23			100	0	
21.85	21.92	21.66	23	DFT-S 16QAM	1	1		
20.40	20.41	20.19	21.5	DFT-S 64QAM	1	1		
18.37	18.42	18.13	19.5	DFT-S 256QAM	1	1		
21.26	21.43	21.18	22.5	CP QPSK	1	1		

NR Band n66 Ant 0								
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset	
343500	349000	354500	Channel					
1717.5	1745	1772.5	Frequency (MHz)					
22.58	22.84	22.89	24	DFT-S $\pi/2$ BPSK	15 MHz	1	1	
22.72	22.94	22.75	24			1	40	
22.82	22.91	22.65	24			1	77	
22.20	22.37	22.32	23.5			36	0	
22.71	22.75	22.61	24			36	22	
22.38	22.41	22.40	23.5			36	43	
22.27	22.31	22.29	23.5			75	0	
22.76	22.96	22.84	24	DFT-S QPSK		1	1	
22.85	22.92	22.90	24			1	40	
22.83	22.85	22.79	24			1	77	
21.18	21.36	21.33	23			36	0	
22.79	22.91	22.69	24			36	22	
21.84	21.80	21.71	23			36	43	
21.67	21.91	21.88	23			75	0	
21.79	21.83	21.58	23		DFT-S 16QAM	1	1	
20.40	20.35	20.11	21.5	DFT-S 64QAM	1	1		
18.30	18.39	18.06	19.5	DFT-S 256QAM	1	1		
21.22	21.36	21.09	22.5	CP QPSK	1	1		

NR Band n66 Ant 0							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
343000	349000	355000	Channel				
1715	1745	1775	Frequency (MHz)				
22.58	22.83	22.79	24	DFT-S $\pi/2$ BPSK	10 MHz	1	1
22.62	22.91	22.74	24			1	26
22.73	22.91	22.62	24			1	50
22.17	22.31	22.29	23.5			25	0
22.64	22.71	22.57	24			25	14
22.34	22.31	22.31	23.5			25	27
22.17	22.28	22.28	23.5			50	0
22.75	22.88	22.80	24	DFT-S QPSK		1	1
22.83	22.89	22.81	24			1	26
22.82	22.82	22.78	24			1	50
21.08	21.26	21.26	23			25	0
22.77	22.89	22.67	24			25	14
21.77	21.76	21.63	23			25	27
21.64	21.81	21.78	23			50	0
21.76	21.81	21.50	23	DFT-S 16QAM	1	1	
20.30	20.34	20.08	21.5	DFT-S 64QAM	1	1	
18.24	18.30	18.03	19.5	DFT-S 256QAM	1	1	
21.17	21.29	21.00	22.5	CP QPSK	1	1	

NR Band n66 Ant 0								
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset	
342500	349000	355500	Channel					
1712.5	1745	1777.5	Frequency (MHz)					
22.55	22.80	22.72	24	DFT-S $\pi/2$ BPSK	5 MHz	1	1	
22.61	22.84	22.66	24			1	13	
22.64	22.81	22.55	24			1	23	
22.15	22.25	22.29	23.5			12	0	
22.64	22.68	22.53	24			12	7	
22.24	22.29	22.29	23.5			12	13	
22.09	22.28	22.27	23.5			25	0	
22.74	22.78	22.80	24	DFT-S QPSK		1	1	
22.74	22.80	22.76	24			1	13	
22.74	22.75	22.71	24			1	23	
21.08	21.21	21.17	23			12	0	
22.67	22.88	22.58	24			12	7	
21.69	21.76	21.62	23			12	13	
21.64	21.76	21.69	23			25	0	
21.67	21.74	21.42	23		DFT-S 16QAM	1	1	
20.24	20.27	19.99	21.5	DFT-S 64QAM	1	1		
18.19	18.24	17.99	19.5	DFT-S 256QAM	1	1		
21.08	21.20	20.94	22.5	CP QPSK	1	1		

NR Band n71 Ant 0								
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset	
134600	136100	137600	Channel					
673	680.5	688	Frequency (MHz)					
23.06	22.96	23.08	24	DFT-S $\pi/2$ BPSK	20 MHz	1	1	
23.10	23.10	23.06	24			1	53	
22.84	22.87	22.77	24			1	104	
22.94	22.98	22.93	23.5			50	0	
23.05	23.11	23.02	24			50	28	
22.92	23.00	22.92	23.5			50	56	
22.92	22.97	22.85	23.5			100	0	
23.19	23.21	23.14	24	DFT-S QPSK		1	1	
23.11	23.16	23.12	24			1	53	
22.83	22.91	22.77	24			1	104	
22.33	22.43	22.43	23			50	0	
23.12	23.17	23.11	24			50	28	
22.45	22.47	22.39	23			50	56	
22.35	22.45	22.31	23			100	0	
22.46	22.48	22.44	23	DFT-S 16QAM	1	1		
20.98	20.98	20.96	21.5	DFT-S 64QAM	1	1		
18.97	18.97	18.88	19.5	DFT-S 256QAM	1	1		
21.81	21.87	21.82	22.5	CP QPSK	1	1		

NR Band n71 Ant 0								
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset	
134100	136100	138100	Channel					
670.5	680.5	690.5	Frequency (MHz)					
23.03	22.89	23.03	24	DFT-S $\pi/2$ BPSK	15 MHz	1	1	
22.91	23.04	23.08	24			1	40	
22.82	22.84	22.77	24			1	77	
22.92	22.91	22.80	23.5			36	0	
23.02	23.06	22.95	24			36	22	
22.89	22.96	22.84	23.5			36	43	
22.94	22.87	22.82	23.5			75	0	
23.12	23.17	23.04	24	DFT-S QPSK		1	1	
22.97	23.11	23.03	24			1	40	
22.85	22.84	22.82	24			1	77	
22.23	22.35	22.35	23			36	0	
23.03	23.09	23.13	24			36	22	
22.39	22.41	22.26	23			36	43	
22.31	22.43	22.34	23			75	0	
22.31	22.38	22.24	23	DFT-S 16QAM	1	1		
20.91	20.89	20.96	21.5	DFT-S 64QAM	1	1		
18.92	18.96	18.89	19.5	DFT-S 256QAM	1	1		
21.79	21.84	21.77	22.5	CP QPSK	1	1		

NR Band n71 Ant 0								
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset	
133600	136100	138600	Channel					
668	680.5	693	Frequency (MHz)					
22.94	22.83	22.96	24	DFT-S $\pi/2$ BPSK	10 MHz	1	1	
22.91	23.03	22.77	24			1	26	
22.58	22.69	22.65	24			1	50	
22.85	22.91	22.81	23.5			25	0	
22.93	22.93	22.96	24			25	14	
22.85	22.88	22.90	23.5			25	27	
22.84	22.89	22.70	23.5			50	0	
23.12	23.06	23.17	24	DFT-S QPSK		1	1	
23.02	23.08	22.94	24			1	26	
22.78	22.81	22.69	24			1	50	
22.28	22.35	22.32	23			25	0	
22.99	23.06	22.98	24			25	14	
22.41	22.29	22.34	23			25	27	
22.32	22.34	22.27	23			50	0	
22.32	22.46	22.42	23	DFT-S 16QAM	1	1		
20.84	20.85	20.89	21.5	DFT-S 64QAM	1	1		
18.75	18.97	18.81	19.5	DFT-S 256QAM	1	1		
21.70	21.81	21.61	22.5	CP QPSK	1	1		

NR Band n71 Ant 0								
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset	
133100	136100	139100	Channel					
665.5	680.5	695.5	Frequency (MHz)					
22.90	22.80	22.88	24	DFT-S $\pi/2$ BPSK	5 MHz	1	1	
22.95	22.86	22.87	24			1	13	
22.66	22.66	22.65	24			1	23	
22.73	22.88	22.86	23.5			12	0	
22.94	22.92	22.90	24			12	7	
22.80	22.77	22.72	23.5			12	13	
22.84	22.86	22.78	23.5			25	0	
23.00	23.03	22.88	24	DFT-S QPSK		1	1	
22.93	22.99	22.83	24			1	13	
22.79	22.76	22.63	24			1	23	
22.15	22.21	22.26	23			12	0	
22.97	22.97	22.99	24			12	7	
22.16	22.26	22.20	23			12	13	
22.22	22.35	22.26	23			25	0	
22.35	22.36	22.15	23	DFT-S 16QAM	1	1		
20.76	20.90	20.70	21.5	DFT-S 64QAM	1	1		
18.64	18.87	18.89	19.5	DFT-S 256QAM	1	1		
21.73	21.61	21.58	22.5	CP QPSK	1	1		

NR Band n38 Ant 0							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
518000	519000	520000	Channel				
2590	2595	2600	Frequency (MHz)				
23.22	23.29	23.22	24	DFT-S $\pi/2$ BPSK	40 MHz	1	1
23.26	23.23	23.20	24			1	53
23.23	23.26	23.22	24			1	104
22.96	22.81	22.98	23.5			50	0
23.21	23.26	23.22	24			50	28
22.98	22.95	22.90	23.5			50	56
22.92	22.97	22.81	23.5			100	0
23.31	23.49	23.33	24	DFT-S QPSK		1	1
23.24	23.22	23.28	24			1	53
23.29	23.22	23.25	24			1	104
22.43	22.46	22.33	23			50	0
23.21	23.27	23.22	24			50	28
22.47	22.37	22.45	23			50	56
22.43	22.45	22.34	23			100	0
22.45	22.48	22.50	23	DFT-S 16QAM	1	1	
20.80	20.84	20.97	21.5	DFT-S 64QAM	1	1	
18.92	18.85	18.80	19.5	DFT-S 256QAM	1	1	
21.87	21.93	21.95	22.5	CP QPSK	1	1	

NR Band n38 Ant 0							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
517000	519000	521000	Channel				
2585	2595	2605	Frequency (MHz)				
23.28	23.30	23.24	24	DFT-S $\pi/2$ BPSK	30 MHz	1	1
23.30	23.26	23.29	24			1	39
23.26	23.29	23.30	24			1	76
22.83	22.82	22.96	23.5			36	0
23.24	23.28	23.28	24			36	21
22.86	22.97	22.98	23.5			36	42
22.94	22.85	22.80	23.5			75	0
23.37	23.31	23.48	24	DFT-S QPSK		1	1
23.27	23.29	23.21	24			1	39
23.20	23.22	23.26	24			1	76
22.34	22.44	22.45	23			36	0
23.25	23.21	23.20	24			36	21
22.46	22.36	22.43	23			36	42
22.49	22.45	22.37	23			75	0
22.45	22.45	22.36	23		1	1	
20.93	20.80	20.81	21.5	DFT-S 64QAM	1	1	
18.87	18.97	18.80	19.5	DFT-S 256QAM	1	1	
21.91	21.84	21.91	22.5	CP QPSK	1	1	

NR Band n38 Ant 0							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
516500	519000	521500	Channel				
2582.5	2595	2607.5	Frequency (MHz)				
23.23	23.23	23.26	24	DFT-S $\pi/2$ BPSK	25 MHz	1	1
23.23	23.23	23.27	24			1	33
23.24	23.27	23.26	24			1	63
22.97	22.81	22.82	23.5			32	0
23.20	23.25	23.21	24			32	17
22.81	22.94	22.96	23.5			32	33
22.88	22.81	22.94	23.5			64	0
23.38	23.48	23.41	24	DFT-S QPSK		1	1
23.26	23.30	23.25	24			1	33
23.21	23.28	23.28	24			1	63
22.48	22.48	22.47	23			32	0
23.25	23.30	23.30	24			32	17
22.48	22.47	22.30	23			32	33
22.33	22.38	22.32	23			64	0
22.35	22.38	22.43	23		DFT-S 16QAM	1	1
20.92	20.96	20.91	21.5	DFT-S 64QAM	1	1	
18.88	18.80	18.90	19.5	DFT-S 256QAM	1	1	
21.91	21.98	21.93	22.5	CP QPSK	1	1	

NR Band n38 Ant 0							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
516000	519000	522000	Channel				
2580	2595	2610	Frequency (MHz)				
23.20	23.27	23.28	24	DFT-S $\pi/2$ BPSK	20 MHz	1	1
23.25	23.22	23.21	24			1	26
23.30	23.25	23.29	24			1	49
22.96	22.89	23.00	23.5			25	0
23.21	23.22	23.27	24			25	13
22.87	22.88	22.98	23.5			25	26
22.80	22.87	22.88	23.5			50	0
23.36	23.49	23.33	24	DFT-S QPSK		1	1
23.28	23.24	23.22	24			1	26
23.20	23.27	23.27	24			1	49
22.40	22.41	22.37	23			25	0
23.20	23.28	23.25	24			25	13
22.50	22.31	22.44	23			25	26
22.33	22.34	22.43	23			50	0
22.47	22.48	22.43	23		DFT-S 16QAM	1	1
20.97	20.87	20.95	21.5	DFT-S 64QAM	1	1	
19.00	18.99	18.88	19.5	DFT-S 256QAM	1	1	
21.92	21.92	21.80	22.5	CP QPSK	1	1	

NR Band n38 Ant 0							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
515500	519000	522500	Channel				
2577.5	2595	2612.5	Frequency (MHz)				
23.24	23.24	23.20	24	DFT-S $\pi/2$ BPSK	15 MHz	1	1
23.25	23.25	23.30	24			1	19
23.24	23.21	23.29	24			1	36
22.81	22.87	22.96	23.5			18	0
23.28	23.30	23.21	24			18	10
22.96	22.91	22.95	23.5			18	20
22.88	22.95	22.94	23.5			36	0
23.48	23.37	23.32	24	DFT-S QPSK		1	1
23.22	23.20	23.21	24			1	19
23.20	23.22	23.30	24			1	36
22.36	22.38	22.46	23			18	0
23.25	23.24	23.28	24			18	10
22.50	22.49	22.33	23			18	20
22.46	22.46	22.32	23			36	0
22.30	22.41	22.47	23		DFT-S 16QAM	1	1
20.87	20.92	20.89	21.5	DFT-S 64QAM	1	1	
19.00	18.95	18.91	19.5	DFT-S 256QAM	1	1	
21.89	21.83	21.90	22.5	CP QPSK	1	1	

NR Band n38 Ant 0							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
515000	519000	523000	Channel				
2575	2595	2615	Frequency (MHz)				
23.30	23.30	23.24	24	DFT-S $\pi/2$ BPSK	10 MHz	1	1
23.27	23.28	23.27	24			1	11
23.28	23.26	23.24	24			1	22
22.90	22.86	22.92	23.5			12	0
23.27	23.24	23.30	24			12	6
22.99	22.93	22.96	23.5			12	12
22.97	22.92	22.82	23.5			24	0
23.46	23.34	23.41	24	DFT-S QPSK		1	1
23.21	23.27	23.28	24			1	11
23.29	23.23	23.20	24			1	22
22.49	22.41	22.34	23			12	0
23.25	23.29	23.28	24			12	6
22.32	22.31	22.30	23			12	12
22.38	22.41	22.32	23			24	0
22.34	22.47	22.47	23	DFT-S 16QAM	1	1	
20.94	20.93	20.80	21.5	DFT-S 64QAM	1	1	
18.81	18.80	18.86	19.5	DFT-S 256QAM	1	1	
21.84	21.83	21.83	22.5	CP QPSK	1	1	

NR Band n41 Ant 0										
Maximum Average Power (dBm)					Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset	
509202	513900	518598	523302	528000	Channel					
2546.01	2569.5	2592.99	2616.51	2640	Frequency (MHz)					
23.30	23.29	23.28	23.28	23.21	24	DFT-S $\pi/2$ BPSK	100 MHz	1	1	
23.21	23.20	23.20	23.23	23.28	24			1	137	
23.25	23.20	23.27	23.23	23.20	24			1	271	
22.81	22.83	22.81	22.86	22.81	23.5			135	0	
23.22	23.26	23.23	23.20	23.21	24			135	69	
22.96	22.98	22.92	22.86	22.88	23.5			135	138	
22.93	22.90	22.98	22.96	22.85	23.5			270	0	
23.46	23.33	23.49	23.37	23.41	24	DFT-S QPSK		1	1	
23.20	23.24	23.30	23.29	23.22	24			1	137	
23.29	23.25	23.29	23.25	23.30	24			1	271	
22.42	22.34	22.46	22.43	22.45	23			135	0	
23.21	23.24	23.33	23.26	23.21	24			135	69	
22.44	22.42	22.39	22.32	22.36	23			135	138	
22.36	22.40	22.44	22.32	22.34	23			270	0	
22.44	22.33	22.49	22.32	22.37	23	DFT-S 16QAM	1	1		
20.91	20.93	20.83	20.80	20.93	21.5	DFT-S 64QAM	1	1		
18.91	18.97	18.82	18.90	18.82	19.5	DFT-S 256QAM	1	1		
21.93	21.85	21.99	21.97	21.83	22.5	CP QPSK	1	1		

NR Band n41 Ant 0										
Maximum Average Power (dBm)					Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset	
508200	513402	518598	523800	528996	Channel					
2541	2567.01	2592.99	2619	2644.98	Frequency (MHz)					
23.26	23.21	23.28	23.27	23.30	24	DFT-S $\pi/2$ BPSK	90 MHz	1	1	
23.28	23.29	23.25	23.30	23.28	24			1	123	
23.27	23.30	23.25	23.27	23.22	24			1	243	
22.91	22.84	22.88	22.96	22.90	23.5			120	0	
23.26	23.22	23.30	23.29	23.29	24			120	63	
22.81	22.83	22.87	22.88	22.80	23.5			120	125	
22.94	22.87	22.80	22.92	22.97	23.5			243	0	
23.37	23.33	23.48	23.45	23.45	24	DFT-S QPSK		1	1	
23.25	23.22	23.29	23.24	23.29	24			1	123	
23.29	23.30	23.27	23.20	23.22	24			1	243	
22.33	22.44	22.45	22.40	22.44	23			120	0	
23.28	23.22	23.23	23.23	23.23	24			120	63	
22.36	22.33	22.32	22.45	22.41	23			120	125	
22.34	22.45	22.48	22.36	22.33	23			243	0	
22.39	22.39	22.42	22.34	22.43	23		DFT-S 16QAM	1	1	
20.94	20.88	20.84	20.81	20.96	21.5	DFT-S 64QAM	1	1		
18.95	18.94	18.89	18.98	18.96	19.5	DFT-S 256QAM	1	1		
21.93	21.88	21.95	21.83	21.87	22.5	CP QPSK	1	1		

NR Band n41 Ant 0									
Maximum Average Power (dBm)					Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
507204	509304	518598	500298	529998	Channel				
2536.02	2546.52	2592.99	2621.49	2649.99	Frequency (MHz)				
23.27	23.28	23.26	23.25	23.29	24	DFT-S $\pi/2$ BPSK	80 MHz	1	1
23.20	23.30	23.23	23.24	23.20	24			1	109
23.22	23.29	23.26	23.26	23.23	24			1	215
22.85	22.90	22.98	22.90	22.89	23.5			108	0
23.20	23.30	23.24	23.30	23.23	24			108	55
22.85	22.93	22.89	22.85	22.89	23.5			108	109
22.94	22.91	22.92	22.97	22.85	23.5	216		0	
23.44	23.40	23.49	23.44	23.39	24	DFT-S QPSK		1	1
23.30	23.23	23.29	23.26	23.29	24			1	109
23.26	23.30	23.22	23.20	23.25	24			1	215
22.37	22.39	22.46	22.45	22.34	23			108	0
23.28	23.23	23.26	23.29	23.21	24			108	55
22.45	22.41	22.34	22.41	22.39	23		108	109	
22.42	22.50	22.42	22.38	22.50	23		216	0	
22.36	22.45	22.30	22.40	22.30	23		1	1	
20.95	20.98	20.83	21.00	20.99	21.5	DFT-S 64QAM	1	1	
18.95	18.86	18.90	18.85	18.97	19.5	DFT-S 256QAM	1	1	
21.98	21.96	21.96	21.82	21.93	22.5	CP QPSK	1	1	

NR Band n41 Ant 0										
Maximum Average Power (dBm)					Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset	
506202	512400	518598	524802	531000	Channel					
2531.01	2562	2592.99	2624.01	2655	Frequency (MHz)					
23.29	23.27	23.27	23.22	23.25	24	DFT-S $\pi/2$ BPSK	70 MHz	1	1	
23.21	23.27	23.29	23.24	23.24	24			1	95	
23.24	23.30	23.21	23.29	23.21	24			1	187	
22.89	22.85	22.84	23.00	22.80	23.5			90	0	
23.21	23.29	23.28	23.20	23.22	24			90	50	
22.82	22.81	22.87	22.96	22.84	23.5			90	99	
22.86	22.99	22.93	22.90	22.87	23.5	180		0		
23.38	23.47	23.32	23.31	23.45	24	DFT-S QPSK		1	1	
23.20	23.25	23.24	23.21	23.20	24			1	95	
23.30	23.28	23.25	23.28	23.20	24			1	187	
22.34	22.34	22.36	22.50	22.48	23			90	0	
23.29	23.30	23.30	23.23	23.22	24			90	50	
22.46	22.34	22.44	22.31	22.35	23		90	99		
22.44	22.47	22.46	22.30	22.49	23		180	0		
22.33	22.37	22.49	22.44	22.30	23		1	1		
20.83	20.85	20.86	20.95	20.91	21.5	DFT-S 16QAM	1	1		
18.81	18.81	18.80	18.89	18.95	19.5	DFT-S 64QAM	1	1		
21.82	22.00	21.85	21.88	21.86	22.5	DFT-S 256QAM	1	1		
						CP QPSK	1	1		

NR Band n41 Ant 0										
Maximum Average Power (dBm)					Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset	
505200	511896	518598	525294	531996	Channel					
2526	2559.48	2592.99	2626.48	2659.98	Frequency (MHz)					
23.21	23.26	23.20	23.26	23.29	24	DFT-S $\pi/2$ BPSK	60 MHz	1	1	
23.26	23.29	23.24	23.22	23.29	24			1	81	
23.24	23.25	23.26	23.27	23.28	24			1	160	
22.94	22.88	22.87	22.85	22.91	23.5			81	0	
23.20	23.21	23.24	23.25	23.22	24			81	41	
22.97	22.84	22.95	22.96	22.93	23.5			81	81	
22.93	22.90	22.83	22.87	22.98	23.5	162		0		
23.38	23.33	23.33	23.35	23.45	24	DFT-S QPSK		1	1	
23.28	23.28	23.22	23.30	23.20	24			1	81	
23.29	23.30	23.20	23.27	23.22	24			1	160	
22.46	22.45	22.35	22.36	22.35	23			81	0	
23.20	23.20	23.27	23.28	23.30	24			81	41	
22.43	22.34	22.45	22.34	22.41	23			81	81	
22.42	22.46	22.50	22.36	22.37	23			162	0	
22.46	22.43	22.43	22.33	22.50	23			1	1	
20.97	20.97	20.99	20.92	20.82	21.5	DFT-S 16QAM		1	1	
18.87	18.91	18.98	18.83	18.85	19.5	DFT-S 64QAM	1	1		
21.85	21.84	21.83	21.87	21.95	22.5	DFT-S 256QAM	1	1		
						CP QPSK	1	1		

NR Band n41 Ant 0										
Maximum Average Power (dBm)					Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset	
504204	511404	518598	525798	532998	Channel					
2521.02	2557.02	2592.99	2628.99	2664.99	Frequency (MHz)					
23.21	23.26	23.25	23.30	23.23	24	DFT-S $\pi/2$ BPSK	50 MHz	1	1	
23.22	23.25	23.27	23.30	23.30	24			1	67	
23.22	23.29	23.30	23.26	23.25	24			1	131	
22.95	22.94	22.80	22.94	22.85	23.5			64	0	
23.28	23.28	23.26	23.28	23.26	24			64	35	
22.94	22.94	22.98	22.87	22.86	23.5			64	69	
22.86	22.88	22.89	22.85	22.81	23.5			128	0	
23.34	23.30	23.32	23.49	23.44	24	DFT-S QPSK		1	1	
23.20	23.25	23.30	23.22	23.30	24			1	67	
23.25	23.23	23.22	23.21	23.29	24			1	131	
22.36	22.50	22.31	22.49	22.45	23			64	0	
23.23	23.26	23.24	23.27	23.29	24			64	35	
22.43	22.50	22.42	22.39	22.46	23			64	69	
22.36	22.43	22.44	22.43	22.44	23			128	0	
22.43	22.37	22.32	22.48	22.31	23	DFT-S 16QAM	1	1		
20.89	20.99	20.86	20.83	20.98	21.5	DFT-S 64QAM	1	1		
18.95	18.94	18.94	18.81	18.99	19.5	DFT-S 256QAM	1	1		
21.88	21.81	21.94	21.97	21.96	22.5	CP QPSK	1	1		

NR Band n41 Ant 0										
Maximum Average Power (dBm)					Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset	
503202	510900	518598	526296	534000	Channel					
2516.01	2554.5	2592.99	2631.48	2670	Frequency (MHz)					
23.25	23.21	23.20	23.28	23.20	24	DFT-S $\pi/2$ BPSK	40 MHz	1	1	
23.20	23.21	23.29	23.24	23.22	24			1	53	
23.28	23.28	23.24	23.25	23.28	24			1	104	
22.85	22.97	22.98	22.86	22.95	23.5			50	0	
23.28	23.24	23.28	23.30	23.27	24			50	28	
22.91	22.87	22.84	22.99	22.80	23.5			50	56	
22.93	22.97	22.89	22.89	22.94	23.5	100		0		
23.42	23.38	23.34	23.41	23.47	24	DFT-S QPSK		1	1	
23.25	23.24	23.26	23.26	23.23	24			1	53	
23.21	23.24	23.24	23.29	23.23	24			1	104	
22.45	22.35	22.38	22.44	22.50	23			50	0	
23.30	23.25	23.20	23.27	23.28	24			50	28	
22.30	22.41	22.34	22.32	22.36	23		50	56		
22.30	22.42	22.39	22.31	22.34	23		100	0		
22.42	22.43	22.33	22.46	22.34	23		1	1		
20.97	20.94	20.87	20.84	20.97	21.5	DFT-S 64QAM	1	1		
18.91	18.86	18.80	18.97	18.95	19.5	DFT-S 256QAM	1	1		
22.00	21.84	21.83	21.98	21.91	22.5	CP QPSK	1	1		

NR Band n41 Ant 0										
Maximum Average Power (dBm)					Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset	
502200	510402	518598	526800	534996	Channel					
2511	2552.01	2592.99	2634	2674.98	Frequency (MHz)					
23.24	23.28	23.21	23.28	23.26	24	DFT-S $\pi/2$ BPSK	30 MHz	1	1	
23.26	23.29	23.25	23.21	23.23	24			1	39	
23.26	23.29	23.30	23.28	23.25	24			1	76	
22.87	22.90	22.94	22.87	22.92	23.5			36	0	
23.20	23.30	23.27	23.29	23.27	24			36	21	
22.80	22.93	22.93	22.83	22.93	23.5			36	42	
22.94	22.83	22.81	22.97	22.91	23.5			75	0	
23.49	23.34	23.38	23.40	23.38	24	DFT-S QPSK		1	1	
23.26	23.23	23.29	23.28	23.23	24			1	39	
23.25	23.26	23.22	23.24	23.28	24			1	76	
22.49	22.45	22.30	22.42	22.36	23			36	0	
23.24	23.25	23.28	23.24	23.24	24			36	21	
22.44	22.50	22.37	22.35	22.30	23			36	42	
22.50	22.47	22.31	22.35	22.50	23			75	0	
22.35	22.48	22.47	22.37	22.48	23	DFT-S 16QAM	1	1		
20.82	20.85	20.85	20.84	20.92	21.5	DFT-S 64QAM	1	1		
18.95	18.96	18.83	18.81	18.87	19.5	DFT-S 256QAM	1	1		
21.97	21.87	21.94	21.94	21.88	22.5	CP QPSK	1	1		

NR Band n41 Ant 0										
Maximum Average Power (dBm)					Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset	
501204	509898	518598	527298	535998	Channel					
2506.02	2549.49	2592.99	2636.49	2679.99	Frequency (MHz)					
23.23	23.28	23.21	23.30	23.21	24	DFT-S $\pi/2$ BPSK	20 MHz	1	1	
23.22	23.24	23.28	23.20	23.24	24			1	26	
23.21	23.23	23.23	23.26	23.30	24			1	49	
22.99	23.00	22.99	22.83	23.00	23.5			25	0	
23.29	23.30	23.25	23.28	23.28	24			25	13	
22.91	22.97	22.81	22.97	22.90	23.5			25	26	
22.98	22.99	22.82	22.99	23.00	23.5			50	0	
23.46	23.48	23.46	23.37	23.41	24	DFT-S QPSK		1	1	
23.24	23.22	23.25	23.30	23.23	24			1	26	
23.30	23.25	23.20	23.26	23.30	24			1	49	
22.38	22.30	22.50	22.32	22.31	23			25	0	
23.29	23.24	23.21	23.30	23.28	24			25	13	
22.33	22.42	22.33	22.31	22.43	23			25	26	
22.43	22.42	22.41	22.40	22.48	23			50	0	
22.37	22.43	22.40	22.44	22.49	23		1	1		
20.87	20.90	20.80	21.00	20.82	21.5	DFT-S 64QAM	1	1		
18.90	18.83	18.98	18.81	18.96	19.5	DFT-S 256QAM	1	1		
21.81	21.91	21.80	21.85	21.84	22.5	CP QPSK	1	1		

NR Band n41 Ant 0										
Maximum Average Power (dBm)					Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset	
500700	509646	518598	527544	536496	Channel					
2503.5	2548.23	2592.99	2637.72	2682.48	Frequency (MHz)					
23.27	23.25	23.29	23.25	23.20	24	DFT-S $\pi/2$ BPSK	15 MHz	1	1	
23.30	23.21	23.30	23.24	23.21	24			1	19	
23.28	23.23	23.30	23.25	23.26	24			1	36	
22.80	22.93	22.84	22.85	22.84	23.5			18	0	
23.23	23.25	23.25	23.22	23.25	24			18	10	
22.80	22.97	22.92	22.85	22.92	23.5			18	20	
22.90	22.87	22.86	23.00	22.94	23.5	36		0		
23.48	23.38	23.33	23.36	23.48	24	DFT-S QPSK		1	1	
23.23	23.27	23.20	23.30	23.28	24			1	19	
23.27	23.26	23.30	23.26	23.27	24			1	36	
22.39	22.32	22.30	22.40	22.48	23			18	0	
23.29	23.29	23.25	23.23	23.29	24			18	10	
22.42	22.33	22.45	22.50	22.47	23		18	20		
22.46	22.46	22.47	22.37	22.48	23		36	0		
22.35	22.40	22.36	22.40	22.46	23		1	1		
20.80	20.96	21.00	20.91	20.85	21.5	DFT-S 64QAM	1	1		
18.98	18.94	18.98	18.92	18.92	19.5	DFT-S 256QAM	1	1		
22.00	21.82	21.96	21.98	22.00	22.5	CP QPSK	1	1		

NR Band n41 Ant 0										
Maximum Average Power (dBm)					Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset	
500202	509400	518598	527796	537000	Channel					
2501.01	2547	2592.99	2638.98	2685	Frequency (MHz)					
23.26	23.24	23.20	23.26	23.23	24	DFT-S $\pi/2$ BPSK	10 MHz	1	1	
23.21	23.24	23.30	23.21	23.27	24			1	11	
23.23	23.23	23.21	23.23	23.30	24			1	22	
22.91	22.97	22.95	22.85	22.84	23.5			12	0	
23.26	23.22	23.28	23.22	23.23	24			12	6	
22.86	22.85	22.93	22.89	22.81	23.5			12	12	
22.96	22.95	22.80	22.95	22.90	23.5			24	0	
23.40	23.36	23.39	23.37	23.39	24	DFT-S QPSK		1	1	
23.29	23.21	23.25	23.22	23.29	24			1	11	
23.25	23.28	23.25	23.29	23.26	24			1	22	
22.45	22.41	22.45	22.33	22.30	23			12	0	
23.21	23.23	23.21	23.23	23.22	24			12	6	
22.30	22.46	22.40	22.43	22.34	23			12	12	
22.47	22.32	22.47	22.35	22.44	23			24	0	
22.46	22.49	22.42	22.38	22.49	23	DFT-S 16QAM	1	1		
20.90	20.91	20.92	20.80	20.83	21.5	DFT-S 64QAM	1	1		
19.00	18.96	18.99	18.96	18.92	19.5	DFT-S 256QAM	1	1		
22.00	21.83	21.86	21.84	21.98	22.5	CP QPSK	1	1		

NR Band n41 Ant 0										
Maximum Average Power (dBm)					Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset	
510000	513900	518598	523302	528000	Channel					
2550	2569.5	2592.99	2616.51	2640	Frequency (MHz)					
23.21	23.29	23.28	23.28	23.21	24	DFT-S $\pi/2$ BPSK	100 MHz	1	1	
23.26	23.20	23.20	23.23	23.28	24			1	137	
23.23	23.20	23.27	23.23	23.20	24			1	271	
22.90	22.83	22.81	22.86	22.81	23.5			135	0	
23.23	23.26	23.23	23.20	23.21	24			135	69	
22.89	22.98	22.92	22.86	22.88	23.5			135	138	
22.99	22.90	22.98	22.96	22.85	23.5			270	0	
23.42	23.33	23.49	23.37	23.41	24	DFT-S QPSK		1	1	
23.20	23.24	23.30	23.29	23.22	24			1	137	
23.22	23.25	23.29	23.25	23.30	24			1	271	
22.49	22.34	22.46	22.43	22.45	23			135	0	
23.30	23.24	23.33	23.26	23.21	24			135	69	
22.35	22.42	22.39	22.32	22.36	23			135	138	
22.35	22.40	22.44	22.32	22.34	23			270	0	
22.40	22.33	22.49	22.32	22.37	23	DFT-S 16QAM	1	1		
20.86	20.93	20.83	20.80	20.93	21.5	DFT-S 64QAM	1	1		
18.89	18.97	18.82	18.90	18.82	19.5	DFT-S 256QAM	1	1		
21.85	21.85	21.99	21.97	21.83	22.5	CP QPSK	1	1		

NR Band n41 Ant 0										
Maximum Average Power (dBm)					Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset	
509004	513402	518598	523800	528996	Channel					
2545.02	2567.01	2592.99	2619	2644.98	Frequency (MHz)					
23.20	23.21	23.28	23.27	23.30	24	DFT-S $\pi/2$ BPSK	90 MHz	1	1	
23.30	23.29	23.25	23.30	23.28	24			1	123	
23.28	23.30	23.25	23.27	23.22	24			1	243	
22.85	22.84	22.88	22.96	22.90	23.5			120	0	
23.28	23.22	23.30	23.29	23.29	24			120	63	
22.89	22.83	22.87	22.88	22.80	23.5			120	125	
22.89	22.87	22.80	22.92	22.97	23.5			243	0	
23.44	23.33	23.48	23.45	23.45	24	DFT-S QPSK		1	1	
23.27	23.22	23.29	23.24	23.29	24			1	123	
23.30	23.30	23.27	23.20	23.22	24			1	243	
22.34	22.44	22.45	22.40	22.44	23			120	0	
23.21	23.22	23.23	23.23	23.23	24			120	63	
22.40	22.33	22.32	22.45	22.41	23			120	125	
22.31	22.45	22.48	22.36	22.33	23			243	0	
22.38	22.39	22.42	22.34	22.43	23	DFT-S 16QAM	1	1		
20.80	20.88	20.84	20.81	20.96	21.5	DFT-S 64QAM	1	1		
18.85	18.94	18.89	18.98	18.96	19.5	DFT-S 256QAM	1	1		
21.91	21.88	21.95	21.83	21.87	22.5	CP QPSK	1	1		

NR Band n41 Ant 0										
Maximum Average Power (dBm)					Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset	
508002	509304	518598	500298	529998	Channel					
2540.01	2546.52	2592.99	2621.49	2649.99	Frequency (MHz)					
23.28	23.28	23.26	23.25	23.29	24	DFT-S $\pi/2$ BPSK	80 MHz	1	1	
23.26	23.30	23.23	23.24	23.20	24			1	109	
23.29	23.29	23.26	23.26	23.23	24			1	215	
22.84	22.90	22.98	22.90	22.89	23.5			108	0	
23.26	23.30	23.24	23.30	23.23	24			108	55	
22.86	22.93	22.89	22.85	22.89	23.5			108	109	
22.95	22.91	22.92	22.97	22.85	23.5			216	0	
23.33	23.40	23.49	23.44	23.39	24	DFT-S QPSK		1	1	
23.30	23.23	23.29	23.26	23.29	24			1	109	
23.30	23.30	23.22	23.20	23.25	24			1	215	
22.39	22.39	22.46	22.45	22.34	23			108	0	
23.22	23.23	23.26	23.29	23.21	24			108	55	
22.33	22.41	22.34	22.41	22.39	23			108	109	
22.45	22.50	22.42	22.38	22.50	23			216	0	
22.31	22.45	22.30	22.40	22.30	23	DFT-S 16QAM	1	1		
20.80	20.98	20.83	21.00	20.99	21.5	DFT-S 64QAM	1	1		
18.89	18.86	18.90	18.85	18.97	19.5	DFT-S 256QAM	1	1		
21.99	21.96	21.96	21.82	21.93	22.5	CP QPSK	1	1		

NR Band n41 Ant 0										
Maximum Average Power (dBm)					Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset	
507000	512400	518598	524802	531000	Channel					
2535	2562	2592.99	2624.01	2655	Frequency (MHz)					
23.20	23.27	23.27	23.22	23.25	24	DFT-S $\pi/2$ BPSK	70 MHz	1	1	
23.29	23.27	23.29	23.24	23.24	24			1	95	
23.26	23.30	23.21	23.29	23.21	24			1	187	
22.87	22.85	22.84	23.00	22.80	23.5			90	0	
23.27	23.29	23.28	23.20	23.22	24			90	50	
22.83	22.81	22.87	22.96	22.84	23.5			90	99	
22.94	22.99	22.93	22.90	22.87	23.5	180		0		
23.31	23.47	23.32	23.31	23.45	24	DFT-S QPSK		1	1	
23.20	23.25	23.24	23.21	23.20	24			1	95	
23.22	23.28	23.25	23.28	23.20	24			1	187	
22.31	22.34	22.36	22.50	22.48	23			90	0	
23.29	23.30	23.30	23.23	23.22	24			90	50	
22.39	22.34	22.44	22.31	22.35	23		90	99		
22.30	22.47	22.46	22.30	22.49	23		180	0		
22.39	22.37	22.49	22.44	22.30	23		1	1		
20.82	20.85	20.86	20.95	20.91	21.5	DFT-S 16QAM	1	1		
18.90	18.81	18.80	18.89	18.95	19.5	DFT-S 64QAM	1	1		
21.84	22.00	21.85	21.88	21.86	22.5	DFT-S 256QAM	1	1		
						CP QPSK	1	1		

NR Band n41 Ant 0										
Maximum Average Power (dBm)					Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset	
506004	511896	518598	525294	531996	Channel					
2530.02	2559.48	2592.99	2626.48	2659.98	Frequency (MHz)					
23.20	23.26	23.20	23.26	23.29	24	DFT-S $\pi/2$ BPSK	60 MHz	1	1	
23.30	23.29	23.24	23.22	23.29	24			1	81	
23.27	23.25	23.26	23.27	23.28	24			1	160	
22.99	22.88	22.87	22.85	22.91	23.5			81	0	
23.28	23.21	23.24	23.25	23.22	24			81	41	
22.85	22.84	22.95	22.96	22.93	23.5			81	81	
22.96	22.90	22.83	22.87	22.98	23.5	162		0		
23.31	23.33	23.33	23.35	23.45	24	DFT-S QPSK		1	1	
23.27	23.28	23.22	23.30	23.20	24			1	81	
23.27	23.30	23.20	23.27	23.22	24			1	160	
22.48	22.45	22.35	22.36	22.35	23			81	0	
23.29	23.20	23.27	23.28	23.30	24			81	41	
22.40	22.34	22.45	22.34	22.41	23			81	81	
22.34	22.46	22.50	22.36	22.37	23			162	0	
22.41	22.43	22.43	22.33	22.50	23			1	1	
20.99	20.97	20.99	20.92	20.82	21.5	DFT-S 64QAM		1	1	
18.85	18.91	18.98	18.83	18.85	19.5	DFT-S 256QAM	1	1		
21.86	21.84	21.83	21.87	21.95	22.5	CP QPSK	1	1		

NR Band n41 Ant 0										
Maximum Average Power (dBm)					Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset	
505002	511404	518598	525798	532998	Channel					
2525.01	2557.02	2592.99	2628.99	2664.99	Frequency (MHz)					
23.30	23.26	23.25	23.30	23.23	24	DFT-S $\pi/2$ BPSK	50 MHz	1	1	
23.22	23.25	23.27	23.30	23.30	24			1	67	
23.25	23.29	23.30	23.26	23.25	24			1	131	
23.00	22.94	22.80	22.94	22.85	23.5			64	0	
23.29	23.28	23.26	23.28	23.26	24			64	35	
22.86	22.94	22.98	22.87	22.86	23.5			64	69	
22.81	22.88	22.89	22.85	22.81	23.5			128	0	
23.43	23.30	23.32	23.49	23.44	24	DFT-S QPSK		1	1	
23.30	23.25	23.30	23.22	23.30	24			1	67	
23.28	23.23	23.22	23.21	23.29	24			1	131	
22.43	22.50	22.31	22.49	22.45	23			64	0	
23.28	23.26	23.24	23.27	23.29	24			64	35	
22.50	22.50	22.42	22.39	22.46	23			64	69	
22.49	22.43	22.44	22.43	22.44	23			128	0	
22.37	22.37	22.32	22.48	22.31	23	DFT-S 16QAM	1	1		
20.91	20.99	20.86	20.83	20.98	21.5	DFT-S 64QAM	1	1		
18.89	18.94	18.94	18.81	18.99	19.5	DFT-S 256QAM	1	1		
21.88	21.81	21.94	21.97	21.96	22.5	CP QPSK	1	1		

NR Band n41 Ant 0										
Maximum Average Power (dBm)					Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset	
504000	510900	518598	526296	534000	Channel					
2520	2554.5	2592.99	2631.48	2670	Frequency (MHz)					
23.27	23.21	23.20	23.28	23.20	24	DFT-S $\pi/2$ BPSK	40 MHz	1	1	
23.29	23.21	23.29	23.24	23.22	24			1	53	
23.24	23.28	23.24	23.25	23.28	24			1	104	
22.91	22.97	22.98	22.86	22.95	23.5			50	0	
23.23	23.24	23.28	23.30	23.27	24			50	28	
22.85	22.87	22.84	22.99	22.80	23.5			50	56	
22.96	22.97	22.89	22.89	22.94	23.5	100		0		
23.32	23.38	23.34	23.41	23.47	24	DFT-S QPSK		1	1	
23.21	23.24	23.26	23.26	23.23	24			1	53	
23.23	23.24	23.24	23.29	23.23	24			1	104	
22.49	22.35	22.38	22.44	22.50	23			50	0	
23.29	23.25	23.20	23.27	23.28	24			50	28	
22.47	22.41	22.34	22.32	22.36	23		50	56		
22.35	22.42	22.39	22.31	22.34	23		100	0		
22.32	22.43	22.33	22.46	22.34	23		1	1		
20.94	20.94	20.87	20.84	20.97	21.5	DFT-S 64QAM	1	1		
18.88	18.86	18.80	18.97	18.95	19.5	DFT-S 256QAM	1	1		
21.88	21.84	21.83	21.98	21.91	22.5	CP QPSK	1	1		

NR Band n41 Ant 0									
Maximum Average Power (dBm)					Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
503004	510402	518598	526800	534996	Channel				
2515.02	2552.01	2592.99	2634	2674.98	Frequency (MHz)				
23.25	23.28	23.21	23.28	23.26	24	DFT-S $\pi/2$ BPSK	30 MHz	1	1
23.20	23.29	23.25	23.21	23.23	24			1	39
23.29	23.29	23.30	23.28	23.25	24			1	76
22.93	22.90	22.94	22.87	22.92	23.5			36	0
23.23	23.30	23.27	23.29	23.27	24			36	21
22.95	22.93	22.93	22.83	22.93	23.5			36	42
22.88	22.83	22.81	22.97	22.91	23.5			75	0
23.48	23.34	23.38	23.40	23.38	24	DFT-S QPSK		1	1
23.30	23.23	23.29	23.28	23.23	24			1	39
23.20	23.26	23.22	23.24	23.28	24			1	76
22.46	22.45	22.30	22.42	22.36	23			36	0
23.26	23.25	23.28	23.24	23.24	24			36	21
22.48	22.50	22.37	22.35	22.30	23			36	42
22.42	22.47	22.31	22.35	22.50	23			75	0
22.39	22.48	22.47	22.37	22.48	23	DFT-S 16QAM	1	1	
20.93	20.85	20.85	20.84	20.92	21.5	DFT-S 64QAM	1	1	
18.86	18.96	18.83	18.81	18.87	19.5	DFT-S 256QAM	1	1	
21.90	21.87	21.94	21.94	21.88	22.5	CP QPSK	1	1	

NR Band n41 Ant 0										
Maximum Average Power (dBm)					Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset	
502002	509898	518598	527298	535998	Channel					
2510.01	2549.49	2592.99	2636.49	2679.99	Frequency (MHz)					
23.21	23.28	23.21	23.30	23.21	24	DFT-S $\pi/2$ BPSK	20 MHz	1	1	
23.21	23.24	23.28	23.20	23.24	24			1	26	
23.28	23.23	23.23	23.26	23.30	24			1	49	
22.88	23.00	22.99	22.83	23.00	23.5			25	0	
23.20	23.30	23.25	23.28	23.28	24			25	13	
22.92	22.97	22.81	22.97	22.90	23.5			25	26	
22.97	22.99	22.82	22.99	23.00	23.5	50		0		
23.47	23.48	23.46	23.37	23.41	24	DFT-S QPSK		1	1	
23.21	23.22	23.25	23.30	23.23	24			1	26	
23.20	23.25	23.20	23.26	23.30	24			1	49	
22.46	22.30	22.50	22.32	22.31	23			25	0	
23.25	23.24	23.21	23.30	23.28	24			25	13	
22.37	22.42	22.33	22.31	22.43	23			25	26	
22.50	22.42	22.41	22.40	22.48	23			50	0	
22.46	22.43	22.40	22.44	22.49	23			1	1	
20.96	20.90	20.80	21.00	20.82	21.5	DFT-S 16QAM		1	1	
18.89	18.83	18.98	18.81	18.96	19.5	DFT-S 64QAM	1	1		
21.96	21.91	21.80	21.85	21.84	22.5	DFT-S 256QAM	1	1		
						CP QPSK	1	1		

NR Band n41 Ant 0										
Maximum Average Power (dBm)					Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset	
501504	509646	518598	527544	536496	Channel					
2507.5	2548.23	2592.99	2637.72	2682.48	Frequency (MHz)					
23.22	23.25	23.29	23.25	23.20	24	DFT-S $\pi/2$ BPSK	15 MHz	1	1	
23.27	23.21	23.30	23.24	23.21	24			1	19	
23.28	23.23	23.30	23.25	23.26	24			1	36	
22.86	22.93	22.84	22.85	22.84	23.5			18	0	
23.25	23.25	23.25	23.22	23.25	24			18	10	
22.92	22.97	22.92	22.85	22.92	23.5			18	20	
22.87	22.87	22.86	23.00	22.94	23.5	36		0		
23.34	23.38	23.33	23.36	23.48	24	DFT-S QPSK		1	1	
23.28	23.27	23.20	23.30	23.28	24			1	19	
23.27	23.26	23.30	23.26	23.27	24			1	36	
22.48	22.32	22.30	22.40	22.48	23			18	0	
23.27	23.29	23.25	23.23	23.29	24			18	10	
22.46	22.33	22.45	22.50	22.47	23		18	20		
22.37	22.46	22.47	22.37	22.48	23		36	0		
22.43	22.40	22.36	22.40	22.46	23		1	1		
20.88	20.96	21.00	20.91	20.85	21.5	DFT-S 64QAM	1	1		
18.93	18.94	18.98	18.92	18.92	19.5	DFT-S 256QAM	1	1		
21.98	21.82	21.96	21.98	22.00	22.5	CP QPSK	1	1		

NR Band n41 Ant 0										
Maximum Average Power (dBm)					Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset	
501000	509400	518598	527796	537000	Channel					
2505	2547	2592.99	2638.98	2685	Frequency (MHz)					
23.26	23.24	23.20	23.26	23.23	24	DFT-S $\pi/2$ BPSK	10 MHz	1	1	
23.29	23.24	23.30	23.21	23.27	24			1	11	
23.25	23.23	23.21	23.23	23.30	24			1	22	
22.92	22.97	22.95	22.85	22.84	23.5			12	0	
23.21	23.22	23.28	23.22	23.23	24			12	6	
22.94	22.85	22.93	22.89	22.81	23.5			12	12	
22.81	22.95	22.80	22.95	22.90	23.5			24	0	
23.46	23.36	23.39	23.37	23.39	24	DFT-S QPSK		1	1	
23.30	23.21	23.25	23.22	23.29	24			1	11	
23.26	23.28	23.25	23.29	23.26	24			1	22	
22.48	22.41	22.45	22.33	22.30	23			12	0	
23.27	23.23	23.21	23.23	23.22	24			12	6	
22.36	22.46	22.40	22.43	22.34	23			12	12	
22.47	22.32	22.47	22.35	22.44	23			24	0	
22.44	22.49	22.42	22.38	22.49	23		1	1		
20.86	20.91	20.92	20.80	20.83	21.5	DFT-S 64QAM	1	1		
18.95	18.96	18.99	18.96	18.92	19.5	DFT-S 256QAM	1	1		
21.81	21.83	21.86	21.84	21.98	22.5	CP QPSK	1	1		

NR Band n2 Ant 1							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
372000	376000	380000	Channel				
1860	1880	1900	Frequency (MHz)				
23.06	23.10	23.04	24	DFT-S $\pi/2$ BPSK	20 MHz	1	1
22.95	23.07	22.99	24			1	53
22.96	23.05	23.01	24			1	104
22.79	22.78	22.79	23.5			50	0
23.12	23.02	23.01	24			50	28
22.53	22.63	22.50	23.5			50	56
22.68	22.42	22.41	23.5			100	0
23.22	23.29	23.06	24	DFT-S QPSK		1	1
23.14	22.98	22.91	24			1	53
22.92	23.18	22.99	24			1	104
21.99	22.11	21.94	23			50	0
23.16	23.20	23.11	24			50	28
22.28	22.00	22.09	23			50	56
22.19	22.30	22.19	23			100	0
22.05	22.26	22.23	23	DFT-S 16QAM	1	1	
20.80	20.77	20.56	21.5	DFT-S 64QAM	1	1	
18.44	18.67	18.66	19.5	DFT-S 256QAM	1	1	
21.72	21.40	21.46	22.5	CP QPSK	1	1	

NR Band n2 Ant 1								
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset	
371500	376000	380500	Channel					
1857.5	1880	1902.5	Frequency (MHz)					
23.04	22.93	23.09	24	DFT-S $\pi/2$ BPSK	15 MHz	1	1	
23.06	22.96	22.98	24			1	40	
23.00	22.92	22.95	24			1	77	
22.59	22.61	22.45	23.5			36	0	
23.09	23.07	23.15	24			36	22	
22.77	22.50	22.68	23.5			36	43	
22.62	22.80	22.80	23.5			75	0	
23.24	23.13	23.01	24	DFT-S QPSK		1	1	
22.98	23.09	22.90	24			1	40	
23.07	23.09	23.18	24			1	77	
21.99	22.28	22.09	23			36	0	
23.13	23.17	23.01	24			36	22	
22.07	22.06	22.06	23			36	43	
22.05	22.04	22.10	23			75	0	
22.26	21.94	21.93	23	DFT-S 16QAM	1	1		
20.74	20.46	20.51	21.5	DFT-S 64QAM	1	1		
18.63	18.49	18.51	19.5	DFT-S 256QAM	1	1		
21.52	21.71	21.68	22.5	CP QPSK	1	1		

NR Band n2 Ant 1								
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset	
371000	376000	381000	Channel					
1855	1880	1905	Frequency (MHz)					
22.99	22.91	22.93	24	DFT-S $\pi/2$ BPSK	10 MHz	1	1	
22.96	22.95	23.05	24			1	26	
22.94	23.05	22.95	24			1	50	
22.73	22.71	22.56	23.5			25	0	
23.10	22.92	23.06	24			25	14	
22.43	22.54	22.41	23.5			25	27	
22.70	22.64	22.55	23.5			50	0	
23.05	23.18	22.96	24	DFT-S QPSK		1	1	
22.92	23.18	22.91	24			1	26	
22.93	23.20	23.02	24			1	50	
21.99	22.29	21.90	23			25	0	
22.91	23.11	23.11	24			25	14	
21.92	22.21	22.23	23			25	27	
22.22	22.04	21.94	23			50	0	
22.23	22.14	22.09	23	DFT-S 16QAM	1	1		
20.42	20.74	20.65	21.5	DFT-S 64QAM	1	1		
18.55	18.75	18.48	19.5	DFT-S 256QAM	1	1		
21.58	21.55	21.74	22.5	CP QPSK	1	1		

NR Band n2 Ant 1								
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset	
370500	376000	381500	Channel					
1852.5	1880	1907.5	Frequency (MHz)					
22.90	23.09	23.00	24	DFT-S $\pi/2$ BPSK	5 MHz	1	1	
22.91	23.05	23.10	24			1	13	
22.92	22.99	22.93	24			1	23	
22.56	22.68	22.68	23.5			12	0	
23.05	22.94	23.04	24			12	7	
22.65	22.60	22.78	23.5			12	13	
22.43	22.67	22.55	23.5			25	0	
23.21	23.14	23.08	24	DFT-S QPSK		1	1	
22.93	22.94	23.09	24			1	13	
23.10	23.14	23.00	24			1	23	
22.18	22.03	21.97	23			12	0	
23.02	22.91	23.11	24			12	7	
22.29	21.97	22.24	23			12	13	
22.07	21.91	21.91	23			25	0	
22.08	22.30	22.25	23	DFT-S 16QAM	1	1		
20.80	20.59	20.47	21.5	DFT-S 64QAM	1	1		
18.65	18.77	18.55	19.5	DFT-S 256QAM	1	1		
21.64	21.72	21.60	22.5	CP QPSK	1	1		

NR Band n5 Ant 1								
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset	
166800	167300	167800	Channel					
834	836.5	839	Frequency (MHz)					
23.70	23.78	23.80	24	DFT-S $\pi/2$ BPSK	20 MHz	1	1	
23.74	23.70	23.74	24			1	53	
23.75	23.70	23.70	24			1	104	
23.35	23.25	23.28	23.5			50	0	
23.73	23.73	23.73	24			50	28	
23.35	23.24	23.22	23.5			50	56	
23.20	23.30	23.23	23.5			100	0	
23.80	23.84	23.83	24	DFT-S QPSK		1	1	
23.73	23.60	23.75	24			1	53	
23.77	23.72	23.71	24			1	104	
22.60	22.74	22.68	23			50	0	
23.67	23.67	23.68	24			50	28	
22.62	22.62	22.77	23			50	56	
22.61	22.67	22.79	23			100	0	
22.64	22.61	22.68	23	DFT-S 16QAM	1	1		
21.30	21.26	21.15	21.5	DFT-S 64QAM	1	1		
19.25	19.17	19.11	19.5	DFT-S 256QAM	1	1		
22.11	22.17	22.17	22.5	CP QPSK	1	1		

NR Band n5 Ant 1								
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset	
166300	167300	168300	Channel					
831.5	836.5	841.5	Frequency (MHz)					
23.70	23.72	23.78	24	DFT-S $\pi/2$ BPSK	15 MHz	1	1	
23.75	23.72	23.79	24			1	40	
23.77	23.75	23.74	24			1	77	
23.24	23.40	23.28	23.5			36	0	
23.77	23.74	23.72	24			36	22	
23.40	23.37	23.30	23.5			36	43	
23.29	23.26	23.29	23.5			75	0	
23.82	23.82	23.82	24	DFT-S QPSK		1	1	
23.61	23.74	23.79	24			1	40	
23.75	23.77	23.79	24			1	77	
22.76	22.64	22.61	23			36	0	
23.76	23.65	23.60	24			36	22	
22.66	22.72	22.79	23			36	43	
22.74	22.72	22.77	23			75	0	
22.74	22.62	22.62	23	DFT-S 16QAM	1	1		
21.22	21.24	21.29	21.5	DFT-S 64QAM	1	1		
19.12	19.20	19.11	19.5	DFT-S 256QAM	1	1		
22.18	22.28	22.29	22.5	CP QPSK	1	1		

NR Band n5 Ant 1								
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset	
165800	167300	168800	Channel					
829	836.5	844	Frequency (MHz)					
23.71	23.79	23.74	24	DFT-S $\pi/2$ BPSK	10 MHz	1	1	
23.71	23.70	23.78	24			1	26	
23.72	23.79	23.76	24			1	50	
23.40	23.29	23.31	23.5			25	0	
23.76	23.77	23.76	24			25	14	
23.37	23.30	23.26	23.5			25	27	
23.27	23.25	23.20	23.5			50	0	
23.84	23.81	23.80	24	DFT-S QPSK		1	1	
23.67	23.76	23.79	24			1	26	
23.68	23.68	23.61	24			1	50	
22.69	22.74	22.80	23			25	0	
23.74	23.71	23.72	24			25	14	
22.79	22.61	22.80	23			25	27	
22.60	22.68	22.61	23			50	0	
22.70	22.69	22.78	23	DFT-S 16QAM	1	1		
21.23	21.14	21.30	21.5	DFT-S 64QAM	1	1		
19.20	19.30	19.13	19.5	DFT-S 256QAM	1	1		
22.27	22.29	22.24	22.5	CP QPSK	1	1		

NR Band n5 Ant 1								
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset	
165300	167300	169300	Channel					
826.5	836.5	846.5	Frequency (MHz)					
23.73	23.80	23.75	24	DFT-S $\pi/2$ BPSK	5 MHz	1	1	
23.77	23.72	23.73	24			1	13	
23.76	23.73	23.80	24			1	23	
23.34	23.23	23.28	23.5			12	0	
23.73	23.75	23.76	24			12	7	
23.39	23.32	23.22	23.5			12	13	
23.40	23.28	23.36	23.5			25	0	
23.82	23.82	23.80	24	DFT-S QPSK		1	1	
23.63	23.66	23.70	24			1	13	
23.70	23.63	23.79	24			1	23	
22.69	22.63	22.78	23			12	0	
23.77	23.60	23.66	24			12	7	
22.60	22.70	22.74	23			12	13	
22.71	22.68	22.78	23			25	0	
22.60	22.64	22.70	23	DFT-S 16QAM	1	1		
21.10	21.27	21.21	21.5	DFT-S 64QAM	1	1		
19.14	19.20	19.13	19.5	DFT-S 256QAM	1	1		
22.15	22.12	22.20	22.5	CP QPSK	1	1		

NR Band n7 Ant 1								
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset	
502000	507000	512000	Channel					
2510	2535	2560	Frequency (MHz)					
23.08	23.11	23.03	24	DFT-S $\pi/2$ BPSK	20 MHz	1	1	
23.08	23.15	23.05	24			1	53	
23.01	23.05	23.16	24			1	104	
22.61	22.67	22.50	23.5			50	0	
23.16	23.00	23.09	24			50	28	
22.52	22.60	22.68	23.5			50	56	
22.70	22.51	22.63	23.5			100	0	
23.37	23.46	23.24	24	DFT-S QPSK		1	1	
23.18	23.03	23.11	24			1	53	
23.08	23.03	23.10	24			1	104	
22.07	22.01	22.11	23			50	0	
23.14	23.14	23.08	24			50	28	
22.02	22.03	22.16	23			50	56	
22.07	22.02	22.17	23			100	0	
22.13	22.03	22.07	23	DFT-S 16QAM	1	1		
20.62	20.58	20.64	21.5	DFT-S 64QAM	1	1		
18.51	18.53	18.54	19.5	DFT-S 256QAM	1	1		
21.52	21.63	21.56	22.5	CP QPSK	1	1		

NR Band n7 Ant 1								
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset	
501500	507000	512500	Channel					
2507.5	2535	2562.5	Frequency (MHz)					
23.01	23.09	23.17	24	DFT-S $\pi/2$ BPSK	15 MHz	1	1	
23.05	23.14	23.11	24			1	40	
23.17	23.02	23.14	24			1	77	
22.67	22.66	22.67	23.5			36	0	
23.11	23.14	23.02	24			36	22	
22.64	22.68	22.62	23.5			36	43	
22.56	22.66	22.55	23.5			75	0	
23.26	23.23	23.24	24	DFT-S QPSK		1	1	
23.04	23.20	23.02	24			1	40	
23.10	23.10	23.19	24			1	77	
22.16	22.01	22.05	23			36	0	
23.01	23.18	23.14	24			36	22	
22.17	22.17	22.03	23			36	43	
22.20	22.05	22.07	23			75	0	
22.03	22.14	22.16	23	DFT-S 16QAM	1	1		
20.62	20.62	20.52	21.5	DFT-S 64QAM	1	1		
18.65	18.52	18.62	19.5	DFT-S 256QAM	1	1		
21.65	21.63	21.69	22.5	CP QPSK	1	1		

NR Band n7 Ant 1								
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset	
501000	507000	513000	Channel					
2505	2535	2565	Frequency (MHz)					
23.20	23.00	23.09	24	DFT-S $\pi/2$ BPSK	10 MHz	1	1	
23.18	23.07	23.19	24			1	26	
23.04	23.15	23.13	24			1	50	
22.65	22.70	22.50	23.5			25	0	
23.07	23.12	23.09	24			25	14	
22.58	22.64	22.51	23.5			25	27	
22.65	22.57	22.65	23.5			50	0	
23.26	23.28	23.34	24	DFT-S QPSK		1	1	
23.07	23.10	23.19	24			1	26	
23.10	23.12	23.08	24			1	50	
22.19	22.01	22.01	23			25	0	
23.08	23.16	23.16	24			25	14	
22.15	22.11	22.06	23			25	27	
22.13	22.16	22.10	23			50	0	
22.09	22.03	22.09	23	DFT-S 16QAM	1	1		
20.69	20.52	20.56	21.5	DFT-S 64QAM	1	1		
18.60	18.59	18.50	19.5	DFT-S 256QAM	1	1		
21.51	21.60	21.50	22.5	CP QPSK	1	1		

NR Band n7 Ant 1								
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset	
500500	507000	513500	Channel					
2502.5	2535	2567.5	Frequency (MHz)					
23.00	23.14	23.02	24	DFT-S $\pi/2$ BPSK	5 MHz	1	1	
23.08	23.05	23.02	24			1	13	
23.13	23.02	23.16	24			1	23	
22.59	22.70	22.69	23.5			12	0	
23.01	23.01	23.16	24			12	7	
22.57	22.65	22.50	23.5			12	13	
22.67	22.63	22.60	23.5			25	0	
23.32	23.23	23.29	24	DFT-S QPSK		1	1	
23.13	23.09	23.19	24			1	13	
23.11	23.18	23.19	24			1	23	
22.09	22.00	22.13	23			12	0	
23.05	23.11	23.14	24			12	7	
22.03	22.08	22.00	23			12	13	
22.15	22.03	22.14	23			25	0	
22.10	22.18	22.19	23	DFT-S 16QAM	1	1		
20.68	20.59	20.67	21.5	DFT-S 64QAM	1	1		
18.68	18.68	18.63	19.5	DFT-S 256QAM	1	1		
21.52	21.52	21.51	22.5	CP QPSK	1	1		

NR Band n12 Ant 1								
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset	
141300	141500	141700	Channel					
706.5	707.5	708.5	Frequency (MHz)					
23.09	23.16	23.14	24	DFT-S $\pi/2$ BPSK	15 MHz	1	1	
22.95	22.93	23.05	24			1	40	
22.99	23.01	23.18	24			1	77	
22.45	22.54	22.59	23.5			36	0	
23.14	23.08	22.95	24			36	22	
22.41	22.46	22.67	23.5			36	43	
22.42	22.74	22.79	23.5			75	0	
22.94	23.28	23.10	24	DFT-S QPSK		1	1	
23.02	23.19	23.17	24			1	40	
23.02	23.05	23.06	24			1	77	
22.02	22.26	21.93	23			36	0	
22.89	22.96	22.93	24			36	22	
22.16	21.93	21.98	23			36	43	
22.23	22.19	22.11	23			75	0	
22.15	22.25	22.20	23	DFT-S 16QAM	1	1		
20.70	20.43	20.40	21.5	DFT-S 64QAM	1	1		
18.50	18.42	18.64	19.5	DFT-S 256QAM	1	1		
21.74	21.49	21.49	22.5	CP QPSK	1	1		

NR Band n12 Ant 1								
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset	
140800	141500	142200	Channel					
704	707.5	711	Frequency (MHz)					
23.18	23.00	23.07	24	DFT-S $\pi/2$ BPSK	10 MHz	1	1	
22.98	23.04	23.02	24			1	26	
23.10	23.18	23.17	24			1	50	
22.75	22.53	22.40	23.5			25	0	
22.96	23.08	23.07	24			25	14	
22.41	22.40	22.69	23.5			25	27	
22.41	22.46	22.57	23.5			50	0	
22.98	23.04	23.13	24	DFT-S QPSK		1	1	
23.20	23.19	22.90	24			1	26	
22.99	23.01	23.04	24			1	50	
21.95	22.00	22.26	23			25	0	
23.03	23.04	23.18	24			25	14	
22.26	22.17	22.00	23			25	27	
22.26	21.99	22.06	23			50	0	
22.15	22.05	22.01	23	DFT-S 16QAM	1	1		
20.43	20.56	20.62	21.5	DFT-S 64QAM	1	1		
18.70	18.44	18.60	19.5	DFT-S 256QAM	1	1		
21.57	21.48	21.72	22.5	CP QPSK	1	1		

NR Band n13 Ant 1					
Maximum Average Power (dBm)	Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
156400	Channel				
782	Frequency (MHz)				
23.05	24	DFT-S $\pi/2$ BPSK	10 MHz	1	1
23.07	24			1	26
23.09	24			1	50
22.44	23.5			25	0
23.10	24			25	14
22.55	23.5			25	27
22.77	23.5			50	0
23.23	24	DFT-S QPSK		1	1
23.09	24			1	26
22.98	24			1	50
22.07	23			25	0
23.05	24			25	14
21.92	23			25	27
21.95	23			50	0
22.03	23	DFT-S 16QAM	1	1	
20.80	21.5	DFT-S 64QAM	1	1	
18.40	19.5	DFT-S 256QAM	1	1	
21.41	22.5	CP QPSK	1	1	

NR Band n13 Ant 1								
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset	
155900	156400	156900	Channel					
779.5	782	784.5	Frequency (MHz)					
23.06	23.00	22.98	24	DFT-S $\pi/2$ BPSK	5 MHz	1	1	
22.90	23.09	23.05	24			1	13	
22.90	22.97	22.92	24			1	23	
22.67	22.46	22.49	23.5			12	0	
23.20	23.14	23.10	24			12	7	
22.44	22.74	22.61	23.5			12	13	
22.69	22.54	22.72	23.5			25	0	
23.05	23.11	23.01	24	DFT-S QPSK		1	1	
23.16	22.95	23.05	24			1	13	
23.06	23.09	23.09	24			1	23	
22.26	21.93	22.17	23			12	0	
23.09	23.14	23.03	24			12	7	
22.22	21.97	22.00	23			12	13	
22.25	21.96	22.02	23			25	0	
22.09	22.19	22.30	23	DFT-S 16QAM	1	1		
20.53	20.48	20.79	21.5	DFT-S 64QAM	1	1		
18.60	18.80	18.54	19.5	DFT-S 256QAM	1	1		
21.74	21.46	21.55	22.5	CP QPSK	1	1		

NR Band n12 Ant 1								
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset	
140300	141500	142700	Channel					
701.5	707.5	713.5	Frequency (MHz)					
23.14	23.04	23.01	24	DFT-S $\pi/2$ BPSK	5 MHz	1	1	
22.91	22.96	22.99	24			1	13	
23.18	22.94	23.10	24			1	23	
22.44	22.73	22.63	23.5			12	0	
23.02	23.12	23.06	24			12	7	
22.56	22.68	22.46	23.5			12	13	
22.66	22.80	22.45	23.5			25	0	
22.98	23.18	22.92	24	DFT-S QPSK		1	1	
23.08	23.16	23.15	24			1	13	
23.09	23.13	22.92	24			1	23	
22.15	22.09	22.04	23			12	0	
23.17	23.16	23.14	24			12	7	
22.21	22.11	21.94	23			12	13	
22.28	22.07	22.16	23			25	0	
22.14	22.01	22.17	23	DFT-S 16QAM	1	1		
20.76	20.63	20.60	21.5	DFT-S 64QAM	1	1		
18.56	18.80	18.52	19.5	DFT-S 256QAM	1	1		
21.47	21.60	21.44	22.5	CP QPSK	1	1		

NR Band n14 Ant 1					
Maximum Average Power (dBm)	Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
158600	Channel				
793	Frequency (MHz)				
24.86	25	DFT-S $\pi/2$ BPSK	10 MHz	1	1
24.83	25			1	26
24.76	25			1	50
24.18	24.5			25	0
24.55	25			25	14
24.01	24.5			25	27
24.11	24.5			50	0
24.91	25	DFT-S QPSK		1	1
24.70	25			1	26
24.69	25			1	50
23.69	24			25	0
24.90	25			25	14
23.66	24			25	27
23.86	24			50	0
23.67	24	DFT-S 16QAM	1	1	
22.43	22.5	DFT-S 64QAM	1	1	
20.07	20.5	DFT-S 256QAM	1	1	
23.28	23.5	CP QPSK	1	1	

NR Band n14 Ant 1								
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset	
158100	158600	159100	Channel					
790.5	793	795.5	Frequency (MHz)					
24.80	24.52	24.65	25	DFT-S $\pi/2$ BPSK	5 MHz	1	1	
24.58	24.68	24.57	25			1	13	
24.72	24.77	24.81	25			1	23	
24.16	24.32	24.14	24.5			12	0	
24.52	24.71	24.87	25			12	7	
24.04	24.31	24.04	24.5			12	13	
24.34	24.32	24.21	24.5			25	0	
24.54	24.50	24.61	25	DFT-S QPSK		1	1	
24.85	24.61	24.83	25			1	13	
24.53	24.60	24.78	25			1	23	
23.62	23.55	23.53	24			12	0	
24.75	24.65	24.62	25			12	7	
23.65	23.59	23.70	24			12	13	
23.64	23.65	23.89	24			25	0	
23.78	23.56	23.74	24	DFT-S 16QAM	1	1		
22.21	22.19	22.07	22.5	DFT-S 64QAM	1	1		
20.28	20.02	20.16	20.5	DFT-S 256QAM	1	1		
23.09	23.09	23.18	23.5	CP QPSK	1	1		

NR Band n25 Ant 1								
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset	
372000	376500	381000	Channel					
1860	1882.5	1905	Frequency (MHz)					
22.20	22.45	22.26	24	DFT-S $\pi/2$ BPSK	20 MHz	1	1	
22.37	22.84	22.68	24			1	53	
22.62	22.48	22.57	24			1	104	
22.17	21.81	22.19	23.5			50	0	
22.67	22.63	22.37	24			50	28	
22.40	22.04	21.86	23.5			50	56	
22.16	21.87	22.35	23.5			100	0	
22.87	22.64	22.76	24	DFT-S QPSK		1	1	
22.46	22.33	22.65	24			1	53	
22.71	22.68	22.68	24			1	104	
21.58	21.90	21.46	23			50	0	
22.78	22.49	22.71	24			50	28	
21.40	21.32	21.29	23			50	56	
21.83	21.61	21.36	23			100	0	
21.73	21.39	21.56	23	DFT-S 16QAM	1	1		
20.27	20.37	20.30	21.5	DFT-S 64QAM	1	1		
18.28	17.73	18.18	19.5	DFT-S 256QAM	1	1		
20.78	20.79	21.05	22.5	CP QPSK	1	1		

NR Band n25 Ant 1								
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset	
371500	376500	381500	Channel					
1857.5	1882.5	1907.5	Frequency (MHz)					
22.26	22.27	22.43	24	DFT-S $\pi/2$ BPSK	15 MHz	1	1	
22.59	22.29	22.56	24			1	40	
22.78	22.83	22.66	24			1	77	
22.05	21.98	21.90	23.5			36	0	
22.64	22.84	22.72	24			36	22	
22.03	21.99	21.89	23.5			36	43	
21.90	21.82	21.85	23.5			75	0	
22.48	22.60	22.58	24	DFT-S QPSK		1	1	
22.39	22.41	22.25	24			1	40	
22.84	22.35	22.37	24			1	77	
21.27	21.63	21.90	23			36	0	
22.43	22.32	22.23	24			36	22	
21.76	21.90	21.84	23			36	43	
21.70	21.77	21.74	23			75	0	
21.29	21.32	21.46	23		DFT-S 16QAM	1	1	
20.32	20.25	19.72	21.5	DFT-S 64QAM	1	1		
17.99	18.18	18.33	19.5	DFT-S 256QAM	1	1		
20.73	21.24	20.93	22.5	CP QPSK	1	1		

NR Band n25 Ant 1								
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset	
371000	376500	382000	Channel					
1855	1882.5	1910	Frequency (MHz)					
22.47	22.37	22.52	24	DFT-S $\pi/2$ BPSK	10 MHz	1	1	
22.44	22.66	22.68	24			1	26	
22.67	22.36	22.64	24			1	50	
22.29	21.98	22.18	23.5			25	0	
22.39	22.45	22.66	24			25	14	
22.35	22.15	22.15	23.5			25	27	
22.10	21.75	22.26	23.5			50	0	
22.35	22.48	22.78	24	DFT-S QPSK		1	1	
22.68	22.83	22.29	24			1	26	
22.21	22.56	22.39	24			1	50	
21.90	21.56	21.73	23			25	0	
22.63	22.60	22.38	24			25	14	
21.79	21.32	21.62	23			25	27	
21.45	21.23	21.35	23			50	0	
21.30	21.32	21.64	23	DFT-S 16QAM	1	1		
19.87	20.12	19.90	21.5	DFT-S 64QAM	1	1		
18.40	18.17	17.71	19.5	DFT-S 256QAM	1	1		
21.10	21.28	20.90	22.5	CP QPSK	1	1		

NR Band n25 Ant 1								
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset	
370500	376500	382500	Channel					
1852.5	1882.5	1912.5	Frequency (MHz)					
22.44	22.55	22.69	24	DFT-S $\pi/2$ BPSK	5 MHz	1	1	
22.60	22.79	22.62	24			1	13	
22.54	22.42	22.64	24			1	23	
21.85	21.93	22.11	23.5			12	0	
22.53	22.42	22.38	24			12	7	
21.83	22.13	21.90	23.5			12	13	
22.11	21.84	21.90	23.5			25	0	
22.56	22.25	22.42	24	DFT-S QPSK		1	1	
22.66	22.45	22.30	24			1	13	
22.86	22.65	22.83	24			1	23	
21.51	21.22	21.26	23			12	0	
22.57	22.83	22.51	24			12	7	
21.83	21.66	21.77	23			12	13	
21.59	21.31	21.41	23			25	0	
21.20	21.51	21.28	23		DFT-S 16QAM	1	1	
19.90	19.91	20.19	21.5	DFT-S 64QAM	1	1		
18.07	18.27	17.82	19.5	DFT-S 256QAM	1	1		
21.25	21.23	20.87	22.5	CP QPSK	1	1		

NR Band n30 Ant 1					
Maximum Average Power (dBm)	Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
462000	Channel				
2310	Frequency (MHz)				
23.54	24	DFT-S $\pi/2$ BPSK	10 MHz	1	1
23.51	24			1	26
23.58	24			1	50
23.11	23.5			25	0
23.66	24			25	14
23.14	23.5			25	27
23.02	23.5			50	0
23.69	24	DFT-S QPSK		1	1
23.54	24			1	26
23.67	24			1	50
22.60	23			25	0
23.66	24			25	14
22.53	23			25	27
22.52	23			50	0
22.65	23	DFT-S 16QAM	1	1	
21.10	21.5	DFT-S 64QAM	1	1	
19.08	19.5	DFT-S 256QAM	1	1	
22.17	22.5	CP QPSK	1	1	

NR Band n30 Ant 1								
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset	
461500	462000	462500	Channel					
2307.5	2310	2312.5	Frequency (MHz)					
23.47	23.31	23.04	24	DFT-S $\pi/2$ BPSK	5 MHz	1	1	
23.11	23.32	23.45	24			1	13	
23.26	23.25	23.14	24			1	23	
22.76	22.97	22.78	23.5			12	0	
23.08	23.22	23.43	24			12	7	
23.00	22.59	22.52	23.5			12	13	
22.84	22.53	22.76	23.5			25	0	
23.45	23.23	23.40	24	DFT-S QPSK		1	1	
23.01	23.00	23.21	24			1	13	
23.39	23.35	23.15	24			1	23	
22.50	22.30	22.32	23			12	0	
23.12	23.40	23.02	24			12	7	
22.11	22.08	22.24	23			12	13	
22.50	22.29	22.28	23			25	0	
22.36	22.49	22.42	23	DFT-S 16QAM	1	1		
20.60	20.72	20.50	21.5	DFT-S 64QAM	1	1		
18.72	18.97	18.59	19.5	DFT-S 256QAM	1	1		
21.68	21.98	21.70	22.5	CP QPSK	1	1		

NR Band n66 Ant 1								
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset	
344000	349000	354000	Channel					
1720	1745	1770	Frequency (MHz)					
23.32	23.38	23.46	24	DFT-S $\pi/2$ BPSK	20 MHz	1	1	
23.44	23.50	23.42	24			1	53	
23.43	23.29	23.26	24			1	104	
23.17	23.15	23.07	23.5			50	0	
23.49	23.33	23.32	24			50	28	
23.17	23.03	23.18	23.5			50	56	
23.17	23.11	23.14	23.5			100	0	
23.64	23.67	23.63	24	DFT-S QPSK		1	1	
23.31	23.38	23.42	24			1	53	
23.40	23.42	23.32	24			1	104	
22.53	22.70	22.52	23			50	0	
23.48	23.20	23.40	24			50	28	
22.58	22.51	22.54	23			50	56	
22.66	22.68	22.53	23			100	0	
22.56	22.55	22.70	23	DFT-S 16QAM	1	1		
21.08	21.14	21.18	21.5	DFT-S 64QAM	1	1		
19.06	19.18	19.02	19.5	DFT-S 256QAM	1	1		
22.05	22.19	22.01	22.5	CP QPSK	1	1		

NR Band n66 Ant 1								
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset	
343500	349000	354500	Channel					
1717.5	1745	1772.5	Frequency (MHz)					
23.33	23.50	23.36	24	DFT-S $\pi/2$ BPSK	15 MHz	1	1	
23.47	23.39	23.30	24			1	40	
23.40	23.37	23.49	24			1	77	
23.12	23.20	23.17	23.5			36	0	
23.46	23.25	23.42	24			36	22	
23.15	23.01	23.14	23.5			36	43	
23.09	23.00	23.01	23.5			75	0	
23.52	23.61	23.61	24	DFT-S QPSK		1	1	
23.32	23.25	23.44	24			1	40	
23.50	23.30	23.36	24			1	77	
22.54	22.59	22.53	23			36	0	
23.24	23.22	23.49	24			36	22	
22.68	22.69	22.70	23			36	43	
22.70	22.62	22.61	23			75	0	
22.60	22.51	22.70	23	DFT-S 16QAM	1	1		
21.19	21.03	21.01	21.5	DFT-S 64QAM	1	1		
19.03	19.00	19.14	19.5	DFT-S 256QAM	1	1		
22.07	22.06	22.18	22.5	CP QPSK	1	1		

NR Band n66 Ant 1								
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset	
343000	349000	355000	Channel					
1715	1745	1775	Frequency (MHz)					
23.24	23.36	23.38	24	DFT-S $\pi/2$ BPSK	10 MHz	1	1	
23.38	23.41	23.22	24			1	26	
23.44	23.45	23.43	24			1	50	
23.17	23.06	23.17	23.5			25	0	
23.48	23.32	23.31	24			25	14	
23.05	23.15	23.16	23.5			25	27	
23.03	23.19	23.02	23.5			50	0	
23.62	23.52	23.65	24	DFT-S QPSK		1	1	
23.28	23.43	23.43	24			1	26	
23.32	23.21	23.33	24			1	50	
22.61	22.53	22.53	23			25	0	
23.45	23.47	23.50	24			25	14	
22.60	22.51	22.52	23			25	27	
22.66	22.61	22.57	23			50	0	
22.67	22.67	22.59	23	DFT-S 16QAM	1	1		
21.09	21.12	21.11	21.5	DFT-S 64QAM	1	1		
19.12	19.08	19.18	19.5	DFT-S 256QAM	1	1		
22.02	22.18	22.05	22.5	CP QPSK	1	1		

NR Band n66 Ant 1								
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset	
342500	349000	355500	Channel					
1712.5	1745	1777.5	Frequency (MHz)					
23.33	23.30	23.34	24	DFT-S $\pi/2$ BPSK	5 MHz	1	1	
23.46	23.45	23.38	24			1	13	
23.49	23.22	23.47	24			1	23	
23.06	23.13	23.10	23.5			12	0	
23.24	23.46	23.31	24			12	7	
23.08	23.07	23.00	23.5			12	13	
23.08	23.06	23.20	23.5			25	0	
23.57	23.61	23.63	24	DFT-S QPSK		1	1	
23.21	23.24	23.50	24			1	13	
23.48	23.33	23.28	24			1	23	
22.57	22.70	22.69	23			12	0	
23.20	23.34	23.47	24			12	7	
22.68	22.53	22.54	23			12	13	
22.68	22.67	22.51	23			25	0	
22.70	22.51	22.69	23		DFT-S 16QAM	1	1	
21.05	21.00	21.02	21.5	DFT-S 64QAM	1	1		
19.06	19.07	19.04	19.5	DFT-S 256QAM	1	1		
22.01	22.06	22.14	22.5	CP QPSK	1	1		

NR Band n71 Ant 1								
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset	
134600	136100	137600	Channel					
673	680.5	688	Frequency (MHz)					
23.38	23.41	23.39	24	DFT-S $\pi/2$ BPSK	20 MHz	1	1	
23.46	23.49	23.50	24			1	53	
23.45	23.39	23.35	24			1	104	
23.19	23.02	23.17	23.5			50	0	
23.28	23.29	23.21	24			50	28	
23.10	23.13	23.06	23.5			50	56	
23.06	23.07	23.17	23.5			100	0	
23.58	23.66	23.54	24	DFT-S QPSK		1	1	
23.42	23.48	23.25	24			1	53	
23.24	23.43	23.35	24			1	104	
22.58	22.65	22.50	23			50	0	
23.20	23.39	23.29	24			50	28	
22.59	22.66	22.53	23			50	56	
22.51	22.60	22.59	23			100	0	
22.53	22.54	22.69	23	DFT-S 16QAM	1	1		
21.19	21.12	21.17	21.5	DFT-S 64QAM	1	1		
19.08	19.13	19.12	19.5	DFT-S 256QAM	1	1		
22.00	22.10	22.03	22.5	CP QPSK	1	1		

NR Band n71 Ant 1								
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset	
134100	136100	138100	Channel					
670.5	680.5	690.5	Frequency (MHz)					
23.38	23.47	23.48	24	DFT-S $\pi/2$ BPSK	15 MHz	1	1	
23.26	23.47	23.46	24			1	40	
23.32	23.47	23.39	24			1	77	
23.07	23.02	23.04	23.5			36	0	
23.42	23.30	23.24	24			36	22	
23.19	23.00	23.19	23.5			36	43	
23.13	23.03	23.02	23.5			75	0	
23.56	23.61	23.63	24	DFT-S QPSK		1	1	
23.48	23.21	23.49	24			1	40	
23.20	23.32	23.32	24			1	77	
22.69	22.59	22.58	23			36	0	
23.33	23.25	23.32	24			36	22	
22.60	22.68	22.56	23			36	43	
22.62	22.67	22.50	23			75	0	
22.65	22.63	22.54	23		DFT-S 16QAM	1	1	
21.01	21.04	21.08	21.5	DFT-S 64QAM	1	1		
19.12	19.13	19.03	19.5	DFT-S 256QAM	1	1		
22.02	22.12	22.14	22.5	CP QPSK	1	1		

NR Band n71 Ant 1								
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset	
133600	136100	138600	Channel					
668	680.5	693	Frequency (MHz)					
23.28	23.28	23.31	24	DFT-S $\pi/2$ BPSK	10 MHz	1	1	
23.42	23.49	23.44	24			1	26	
23.32	23.20	23.43	24			1	50	
23.00	23.18	23.16	23.5			25	0	
23.28	23.30	23.24	24			25	14	
23.06	23.06	23.03	23.5			25	27	
23.09	23.16	23.04	23.5			50	0	
23.53	23.60	23.63	24	DFT-S QPSK		1	1	
23.40	23.22	23.47	24			1	26	
23.42	23.46	23.50	24			1	50	
22.63	22.68	22.53	23			25	0	
23.50	23.41	23.44	24			25	14	
22.70	22.54	22.61	23			25	27	
22.66	22.55	22.58	23			50	0	
22.62	22.52	22.61	23	DFT-S 16QAM	1	1		
21.10	21.02	21.01	21.5	DFT-S 64QAM	1	1		
19.06	19.11	19.02	19.5	DFT-S 256QAM	1	1		
22.01	22.18	22.14	22.5	CP QPSK	1	1		

NR Band n71 Ant 1								
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset	
133100	136100	139100	Channel					
665.5	680.5	695.5	Frequency (MHz)					
23.36	23.24	23.40	24	DFT-S $\pi/2$ BPSK	5 MHz	1	1	
23.32	23.24	23.44	24			1	13	
23.47	23.40	23.40	24			1	23	
23.01	23.01	23.17	23.5			12	0	
23.43	23.36	23.21	24			12	7	
23.00	23.09	23.09	23.5			12	13	
23.01	23.04	23.01	23.5			25	0	
23.64	23.52	23.61	24	DFT-S QPSK		1	1	
23.23	23.45	23.26	24			1	13	
23.26	23.27	23.30	24			1	23	
22.65	22.60	22.66	23			12	0	
23.38	23.36	23.37	24			12	7	
22.64	22.61	22.51	23			12	13	
22.52	22.70	22.58	23			25	0	
22.70	22.70	22.54	23	DFT-S 16QAM	1	1		
21.11	21.02	21.00	21.5	DFT-S 64QAM	1	1		
19.15	19.05	19.16	19.5	DFT-S 256QAM	1	1		
22.02	22.12	22.06	22.5	CP QPSK	1	1		

NR Band n38 Ant 1							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
518000	519000	520000	Channel				
2590	2595	2600	Frequency (MHz)				
22.37	22.30	22.41	24	DFT-S $\pi/2$ BPSK	40 MHz	1	1
22.18	22.14	22.28	24			1	53
22.28	22.22	22.33	24			1	104
22.15	22.10	22.24	23.5			50	0
22.53	22.48	22.58	24			50	28
22.16	22.11	22.25	23.5			50	56
22.34	22.28	22.39	23.5			100	0
22.37	22.63	22.41	24	DFT-S QPSK		1	1
22.30	22.55	22.33	24			1	53
22.18	22.44	22.22	24			1	104
21.35	21.60	21.44	23			50	0
22.10	22.40	22.24	24			50	28
21.48	21.82	21.64	23			50	56
21.38	21.63	21.46	23			100	0
21.13	21.46	21.33	23	DFT-S 16QAM	1	1	
19.72	20.01	19.79	21.5	DFT-S 64QAM	1	1	
17.54	17.80	17.62	19.5	DFT-S 256QAM	1	1	
20.66	20.94	20.76	22.5	CP QPSK	1	1	

NR Band n38 Ant 1							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
517000	519000	521000	Channel				
2585	2595	2605	Frequency (MHz)				
22.29	22.22	22.33	24	DFT-S $\pi/2$ BPSK	30 MHz	1	1
22.10	22.06	22.20	24			1	39
22.20	22.14	22.25	24			1	76
22.07	22.02	22.16	23.5			36	0
22.45	22.40	22.50	24			36	21
22.08	22.03	22.17	23.5			36	42
22.26	22.20	22.31	23.5			75	0
22.29	22.55	22.33	24	DFT-S QPSK		1	1
22.22	22.47	22.25	24			1	39
22.10	22.36	22.14	24			1	76
21.27	21.52	21.36	23			36	0
22.02	22.32	22.16	24			36	21
21.40	21.74	21.56	23			36	42
21.30	21.55	21.38	23			75	0
21.05	21.38	21.25	23	DFT-S 16QAM	1	1	
19.64	19.93	19.71	21.5	DFT-S 64QAM	1	1	
17.56	17.72	17.64	19.5	DFT-S 256QAM	1	1	
20.58	20.86	20.68	22.5	CP QPSK	1	1	

NR Band n38 Ant 1							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
516500	519000	521500	Channel				
2582.5	2595	2607.5	Frequency (MHz)				
22.32	22.25	22.36	24	DFT-S $\pi/2$ BPSK	25 MHz	1	1
22.13	22.09	22.23	24			1	33
22.23	22.17	22.28	24			1	63
22.10	22.05	22.19	23.5			32	0
22.48	22.43	22.53	24			32	17
22.11	22.06	22.20	23.5			32	33
22.29	22.23	22.34	23.5			64	0
22.32	22.58	22.36	24	DFT-S QPSK		1	1
22.25	22.50	22.28	24			1	33
22.13	22.39	22.17	24			1	63
21.30	21.55	21.39	23			32	0
22.05	22.35	22.19	24			32	17
21.43	21.77	21.59	23			32	33
21.33	21.58	21.41	23			64	0
21.08	21.41	21.28	23	DFT-S 16QAM	1	1	
19.67	19.96	19.74	21.5	DFT-S 64QAM	1	1	
17.59	17.75	17.67	19.5	DFT-S 256QAM	1	1	
20.61	20.89	20.71	22.5	CP QPSK	1	1	

NR Band n38 Ant 1							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
516000	519000	522000	Channel				
2580	2595	2610	Frequency (MHz)				
22.34	22.27	22.38	24	DFT-S $\pi/2$ BPSK	20 MHz	1	1
22.15	22.11	22.25	24			1	26
22.25	22.19	22.30	24			1	49
22.12	22.07	22.21	23.5			25	0
22.50	22.45	22.55	24			25	13
22.13	22.08	22.22	23.5			25	26
22.31	22.25	22.36	23.5			50	0
22.34	22.60	22.38	24	DFT-S QPSK		1	1
22.27	22.52	22.30	24			1	26
22.15	22.41	22.19	24			1	49
21.32	21.57	21.41	23			25	0
22.07	22.37	22.21	24			25	13
21.45	21.79	21.61	23			25	26
21.35	21.60	21.43	23			50	0
21.10	21.43	21.30	23	DFT-S 16QAM	1	1	
19.69	19.98	19.76	21.5	DFT-S 64QAM	1	1	
17.61	17.77	17.69	19.5	DFT-S 256QAM	1	1	
20.63	20.91	20.73	22.5	CP QPSK	1	1	

NR Band n38 Ant 1							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
515500	519000	522500	Channel				
2577.5	2595	2612.5	Frequency (MHz)				
22.32	22.25	22.36	24	DFT-S $\pi/2$ BPSK	15 MHz	1	1
22.13	22.09	22.23	24			1	19
22.23	22.17	22.28	24			1	36
22.10	22.05	22.19	23.5			18	0
22.48	22.43	22.53	24			18	10
22.11	22.06	22.20	23.5			18	20
22.29	22.23	22.34	23.5			36	0
22.32	22.58	22.36	24	DFT-S QPSK		1	1
22.25	22.50	22.28	24			1	19
22.13	22.39	22.17	24			1	36
21.30	21.55	21.39	23			18	0
22.05	22.35	22.19	24			18	10
21.43	21.77	21.59	23			18	20
21.33	21.58	21.41	23			36	0
21.08	21.41	21.28	23	DFT-S 16QAM	1	1	
19.67	19.96	19.74	21.5	DFT-S 64QAM	1	1	
17.59	17.75	17.67	19.5	DFT-S 256QAM	1	1	
20.61	20.89	20.71	22.5	CP QPSK	1	1	

NR Band n38 Ant 1							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
515000	519000	523000					
Channel			Frequency (MHz)				
2575	2595	2615					
22.27	22.20	22.31	24	DFT-S $\pi/2$ BPSK	10 MHz	1	1
22.08	22.04	22.18	24			1	11
22.18	22.12	22.23	24			1	22
22.05	22.00	22.14	23.5			12	0
22.43	22.38	22.48	24			12	6
22.06	22.01	22.15	23.5			12	12
22.24	22.18	22.29	23.5			24	0
22.27	22.53	22.31	24	DFT-S QPSK		1	1
22.20	22.45	22.23	24			1	11
22.08	22.34	22.12	24			1	22
21.25	21.50	21.34	23			12	0
22.00	22.30	22.14	24			12	6
21.38	21.72	21.54	23			12	12
21.28	21.53	21.36	23			24	0
21.03	21.36	21.23	23	DFT-S 16QAM	1	1	
19.62	19.91	19.69	21.5	DFT-S 64QAM	1	1	
17.54	17.70	17.62	19.5	DFT-S 256QAM	1	1	
20.56	20.84	20.66	22.5	CP QPSK	1	1	

NR Band n41 Ant 1									
Maximum Average Power (dBm)					Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
509202	513900	518598	523302	528000	Channel				
2546.01	2569.5	2592.99	2616.51	2640	Frequency (MHz)				
22.66	22.33	22.73	22.51	22.37	24	DFT-S $\pi/2$ BPSK	100 MHz	1	1
22.34	22.50	22.51	22.71	22.33	24			1	137
22.31	22.56	22.39	22.80	22.58	24			1	271
22.04	22.01	22.23	22.19	22.20	23.5			135	0
22.48	22.67	22.72	22.33	22.80	24			135	69
21.90	22.15	22.22	21.88	22.09	23.5			135	138
22.13	22.30	22.16	21.94	22.30	23.5			270	0
22.93	22.91	22.96	22.94	22.90	24	DFT-S QPSK	100 MHz	1	1
22.35	22.61	22.53	22.72	22.46	24			1	137
22.43	22.43	22.76	22.60	22.50	24			1	271
21.63	21.32	21.36	21.51	21.52	23			135	0
22.35	22.55	22.65	22.61	22.52	24			135	69
21.77	21.31	21.51	21.62	21.51	23			135	138
21.42	21.41	21.77	21.43	21.48	23			270	0
21.54	21.33	21.56	21.72	21.47	23	DFT-S 16QAM	1	1	
20.00	19.82	20.02	19.93	19.96	21.5	DFT-S 64QAM	1	1	
17.84	18.25	17.96	17.93	17.97	19.5	DFT-S 256QAM	1	1	
21.09	20.82	20.93	21.01	20.92	22.5	CP QPSK	1	1	

NR Band n41 Ant 1									
Maximum Average Power (dBm)					Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
508200	513402	518598	523800	528996	Channel				
2541	2567.01	2592.99	2619	2644.98	Frequency (MHz)				
22.65	22.57	22.76	22.72	22.43	24	DFT-S $\pi/2$ BPSK	90 MHz	1	1
22.76	22.55	22.55	22.57	22.34	24			1	123
22.50	22.49	22.57	22.70	22.74	24			1	243
22.27	22.06	22.26	22.11	22.13	23.5			120	0
22.66	22.39	22.68	22.79	22.42	24			120	63
22.05	22.02	21.96	22.09	21.95	23.5			120	125
22.06	21.95	21.92	21.99	22.00	23.5			243	0
22.84	22.89	22.80	22.90	22.83	24	DFT-S QPSK	90 MHz	1	1
22.37	22.31	22.48	22.67	22.54	24			1	123
22.50	22.43	22.39	22.31	22.41	24			1	243
21.62	21.67	21.42	21.48	21.46	23			120	0
22.49	22.47	22.38	22.59	22.76	24			120	63
21.64	21.44	21.79	21.38	21.44	23			120	125
21.69	21.69	21.51	21.58	21.40	23			243	0
21.73	21.68	21.72	21.59	21.61	23	DFT-S 16QAM	1	1	
20.17	20.30	19.94	20.30	20.24	21.5	DFT-S 64QAM	1	1	
17.93	18.24	18.23	18.02	17.84	19.5	DFT-S 256QAM	1	1	
21.11	21.20	21.26	21.29	20.95	22.5	CP QPSK	1	1	

NR Band n41 Ant 1										
Maximum Average Power (dBm)					Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset	
507204	509304	518598	500298	529998	Channel					
2536.02	2546.52	2592.99	2621.49	2649.99	Frequency (MHz)					
22.58	22.44	22.46	22.38	22.32	24	DFT-S $\pi/2$ BPSK	80 MHz	1	1	
22.77	22.38	22.59	22.44	22.47	24			1	109	
22.72	22.48	22.54	22.39	22.68	24			1	215	
21.96	22.22	22.09	22.09	21.86	23.5			108	0	
22.38	22.34	22.62	22.55	22.31	24			108	55	
21.89	22.08	22.14	22.03	22.20	23.5			108	109	
21.87	22.03	21.95	22.02	21.85	23.5			216	0	
22.84	22.90	22.89	22.86	22.83	24	DFT-S QPSK		1	1	
22.39	22.58	22.46	22.36	22.70	24			1	109	
22.72	22.75	22.61	22.34	22.36	24			1	215	
21.34	21.37	21.60	21.42	21.36	23			108	0	
22.68	22.80	22.63	22.36	22.68	24			108	55	
21.38	21.46	21.77	21.49	21.53	23			108	109	
21.61	21.34	21.74	21.69	21.38	23			216	0	
21.73	21.49	21.40	21.46	21.45	23	DFT-S 16QAM	1	1		
20.08	20.16	20.29	20.02	20.04	21.5	DFT-S 64QAM	1	1		
18.02	18.30	17.97	18.25	17.82	19.5	DFT-S 256QAM	1	1		
20.81	21.02	21.13	21.11	21.28	22.5	CP QPSK	1	1		

NR Band n41 Ant 1										
Maximum Average Power (dBm)					Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset	
506202	512400	518598	524802	531000	Channel					
2531.01	2562	2592.99	2624.01	2655	Frequency (MHz)					
22.65	22.46	22.60	22.64	22.54	24	DFT-S $\pi/2$ BPSK	70 MHz	1	1	
22.62	22.60	22.34	22.34	22.37	24			1	95	
22.43	22.38	22.79	22.34	22.79	24			1	187	
21.87	22.17	21.88	22.10	22.13	23.5			90	0	
22.57	22.49	22.70	22.47	22.65	24			90	50	
22.09	21.85	21.87	22.26	22.22	23.5			90	99	
22.18	22.01	22.08	21.99	22.27	23.5			180	0	
22.86	22.86	22.80	22.81	22.80	24	DFT-S QPSK		1	1	
22.35	22.60	22.33	22.68	22.42	24			1	95	
22.66	22.58	22.61	22.60	22.53	24			1	187	
21.64	21.31	21.57	21.32	21.58	23			90	0	
22.34	22.76	22.38	22.46	22.34	24			90	50	
21.32	21.78	21.66	21.50	21.33	23			90	99	
21.79	21.39	21.55	21.45	21.77	23			180	0	
21.30	21.31	21.80	21.34	21.61	23	DFT-S 16QAM	1	1		
19.89	20.03	20.20	19.89	20.16	21.5	DFT-S 64QAM	1	1		
17.85	17.93	18.06	17.82	18.29	19.5	DFT-S 256QAM	1	1		
21.06	21.20	21.25	20.99	20.92	22.5	CP QPSK	1	1		

NR Band n41 Ant 1										
Maximum Average Power (dBm)					Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset	
505200	511896	518598	525294	531996	Channel					
2526	2559.48	2592.99	2626.48	2659.98	Frequency (MHz)					
22.43	22.42	22.55	22.54	22.62	24	DFT-S $\pi/2$ BPSK	60 MHz	1	1	
22.47	22.40	22.46	22.67	22.45	24			1	81	
22.57	22.30	22.63	22.70	22.58	24			1	160	
22.15	22.19	21.91	22.28	21.82	23.5			81	0	
22.40	22.54	22.43	22.72	22.33	24			81	41	
22.19	22.02	22.27	22.06	21.80	23.5			81	81	
21.90	21.81	21.97	22.00	22.01	23.5			162	0	
22.90	22.84	22.90	22.81	22.82	24	DFT-S QPSK		1	1	
22.44	22.51	22.39	22.63	22.68	24			1	81	
22.49	22.39	22.44	22.47	22.75	24			1	160	
21.56	21.78	21.63	21.69	21.64	23			81	0	
22.41	22.56	22.39	22.66	22.58	24			81	41	
21.42	21.49	21.40	21.78	21.54	23			81	81	
21.39	21.36	21.77	21.42	21.31	23			162	0	
21.59	21.45	21.66	21.60	21.51	23		1	1		
20.03	19.92	20.03	19.92	20.30	21.5	DFT-S 64QAM	1	1		
18.06	17.81	17.82	17.92	18.14	19.5	DFT-S 256QAM	1	1		
20.81	21.10	21.24	21.12	21.17	22.5	CP QPSK	1	1		

NR Band n41 Ant 1										
Maximum Average Power (dBm)					Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset	
504204	511404	518598	525798	532998	Channel					
2521.02	2557.02	2592.99	2628.99	2664.99	Frequency (MHz)					
22.48	22.55	22.38	22.74	22.62	24	DFT-S $\pi/2$ BPSK	50 MHz	1	1	
22.63	22.70	22.75	22.55	22.55	24			1	67	
22.51	22.48	22.58	22.50	22.66	24			1	131	
21.85	22.10	21.87	21.98	21.87	23.5			64	0	
22.76	22.73	22.78	22.38	22.65	24			64	35	
21.99	21.89	22.12	22.24	21.87	23.5			64	69	
22.30	22.20	22.21	21.90	22.23	23.5			128	0	
22.89	22.87	22.84	22.85	22.89	24	DFT-S QPSK		1	1	
22.57	22.76	22.65	22.73	22.47	24			1	67	
22.45	22.73	22.64	22.41	22.65	24			1	131	
21.72	21.45	21.47	21.52	21.79	23			64	0	
22.69	22.69	22.53	22.69	22.65	24			64	35	
21.72	21.57	21.36	21.79	21.64	23			64	69	
21.41	21.60	21.59	21.58	21.30	23			128	0	
21.44	21.43	21.44	21.71	21.63	23	DFT-S 16QAM	1	1		
20.15	19.98	20.16	20.16	20.28	21.5	DFT-S 64QAM	1	1		
18.22	18.06	18.00	18.23	18.13	19.5	DFT-S 256QAM	1	1		
20.87	21.20	21.14	21.12	21.00	22.5	CP QPSK	1	1		