

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)				
23.07	23.01	22.97	23.5	QPSK	15MHz	1	0
23.00	22.86	22.97	23.5			1	37
22.89	23.10	22.98	23.5			1	74
22.01	21.99	22.05	22.5			36	0
21.86	21.89	21.95	22.5			36	19
22.09	21.94	21.93	22.5			36	39
22.05	21.81	21.87	22.5			75	0
22.05	21.89	21.91	22.5	16QAM		1	0
22.07	21.80	21.93	22.5			1	37
21.91	21.88	21.81	22.5			1	74
20.81	21.10	20.91	21.5			36	0
20.92	20.93	20.82	21.5			36	19
20.80	21.09	21.04	21.5			36	39
21.06	20.89	21.05	21.5			75	0
20.92	20.82	20.90	21.5	64QAM		1	0
21.00	21.08	20.94	21.5			1	37
20.91	20.93	20.90	21.5			1	74
19.80	19.86	19.96	20.5			36	0
19.81	19.93	19.84	20.5			36	19
20.03	19.87	20.06	20.5			36	39
20.10	19.96	20.07	20.5			75	0
17.93	17.81	17.90	18.5	256QAM		1	0
18.06	17.96	17.99	18.5			1	37
17.80	17.98	18.01	18.5			1	74
17.88	17.83	17.95	18.5			36	0
17.96	17.95	18.10	18.5			36	19
17.90	17.84	17.87	18.5			36	39
18.03	18.08	17.80	18.5			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)				
22.95	22.93	22.98	23.5	QPSK	10MHz	1	0
23.10	22.85	22.86	23.5			1	24
22.91	22.95	23.03	23.5			1	49
22.10	21.81	21.95	22.5			25	0
21.97	22.08	21.92	22.5			25	12
21.90	22.01	21.85	22.5			25	25
21.81	22.06	22.02	22.5			50	0
22.06	21.93	21.99	22.5	16QAM		1	0
21.85	22.09	21.96	22.5			1	24
21.95	22.07	21.84	22.5			1	49
20.82	20.81	21.09	21.5			25	0
21.10	20.88	21.05	21.5			25	12
20.97	20.93	20.83	21.5			25	25
20.92	21.09	20.92	21.5			50	0
20.84	20.88	20.80	21.5	64QAM		1	0
20.82	20.80	20.86	21.5			1	24
20.87	20.81	21.02	21.5			1	49
19.89	19.84	19.98	20.5			25	0
20.00	20.10	19.90	20.5			25	12
19.97	19.96	20.00	20.5			25	25
20.08	19.88	19.91	20.5			50	0
18.02	18.05	17.91	18.5	256QAM		1	0
17.85	17.92	17.84	18.5			1	24
17.99	17.89	17.81	18.5			1	49
17.98	17.92	17.87	18.5			25	0
18.09	17.90	17.83	18.5			25	12
17.97	17.97	17.96	18.5			25	25
17.93	17.83	17.91	18.5			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)				
22.96	23.09	22.81	23.5	QPSK	5MHz	1	0
23.03	22.95	22.90	23.5			1	12
22.94	23.06	22.96	23.5			1	24
21.98	22.07	21.88	22.5			12	0
22.09	21.96	21.86	22.5			12	6
21.83	21.90	22.02	22.5			12	13
21.98	21.87	21.95	22.5			25	0
21.88	21.88	21.84	22.5	16QAM		1	0
21.86	22.02	21.94	22.5			1	12
21.85	22.09	21.87	22.5			1	24
21.10	21.08	20.99	21.5			12	0
20.95	20.94	20.81	21.5			12	6
20.90	20.89	20.90	21.5			12	13
20.91	21.09	21.06	21.5			25	0
20.88	20.87	21.09	21.5	64QAM		1	0
20.92	21.07	20.84	21.5			1	12
20.92	20.92	20.96	21.5			1	24
20.05	19.84	19.88	20.5			12	0
19.81	20.05	20.05	20.5			12	6
20.06	19.97	19.90	20.5			12	13
19.83	19.80	20.01	20.5			25	0
17.84	18.05	18.08	18.5	256QAM		1	0
17.95	17.87	18.10	18.5			1	12
17.84	17.97	17.95	18.5			1	24
18.09	17.90	17.80	18.5			12	0
18.03	17.99	18.00	18.5			12	6
18.03	17.81	18.09	18.5			12	13
17.84	17.94	17.96	18.5			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)				
22.90	22.88	23.06	23.5	QPSK	3MHz	1	0
22.83	22.80	22.83	23.5			1	7
22.82	23.07	22.97	23.5			1	14
22.03	22.08	22.06	22.5			8	0
22.07	22.10	22.08	22.5			8	3
21.89	22.00	21.88	22.5			8	7
21.81	22.06	21.91	22.5			15	0
21.80	22.05	21.93	22.5	16QAM		1	0
21.85	21.87	22.00	22.5			1	7
21.92	22.04	22.00	22.5			1	14
20.88	21.06	21.03	21.5			8	0
20.96	20.99	21.04	21.5			8	3
20.84	21.01	20.97	21.5			8	7
21.01	21.03	21.08	21.5			15	0
20.83	20.99	20.88	21.5	64QAM		1	0
20.86	20.90	20.82	21.5			1	7
20.85	20.92	21.03	21.5			1	14
19.93	19.92	20.06	20.5			8	0
19.86	20.03	19.83	20.5			8	3
20.02	20.10	19.97	20.5			8	7
19.95	20.08	20.07	20.5			15	0
18.07	18.05	17.82	18.5	256QAM		1	0
17.87	18.00	17.98	18.5			1	7
17.83	17.83	18.05	18.5			1	14
17.95	17.91	17.93	18.5			8	0
17.88	18.04	17.99	18.5			8	3
18.07	17.81	18.02	18.5			8	7
17.80	17.91	17.91	18.5			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)				
23.06	22.99	23.06	23.5	QPSK	1.4MHz	1	0
22.93	23.08	22.99	23.5			1	2
23.03	22.91	22.92	23.5			1	5
22.98	22.97	23.10	23.5			3	0
22.97	23.03	22.88	23.5			3	1
22.81	22.96	22.97	23.5			3	3
21.90	22.08	22.02	22.5			6	0
21.83	21.99	22.10	22.5	16QAM		1	0
22.04	22.04	21.94	22.5			1	2
21.95	21.88	22.08	22.5			1	5
21.87	21.97	22.01	22.5			3	0
22.00	21.97	22.05	22.5			3	1
21.96	21.97	21.99	22.5			3	3
21.01	20.84	20.96	21.5			64QAM	6
21.01	20.98	21.09	21.5	1			0
20.85	20.81	21.07	21.5	1			2
20.82	20.81	20.93	21.5	1			5
20.91	21.06	20.97	21.5	3			0
20.88	21.01	20.95	21.5	3			1
20.86	20.94	20.80	21.5	3			3
20.10	19.91	20.01	20.5	6			0
17.84	17.82	17.86	18.5	256QAM		1	0
18.03	17.88	17.81	18.5			1	2
17.97	18.02	17.85	18.5			1	5
17.83	18.07	17.94	18.5			3	0
17.80	17.82	17.99	18.5			3	1
17.80	17.83	17.98	18.5			3	3
18.00	17.97	17.93	18.5			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)				
18.37	18.5	QPSK	10MHz	1	0
18.18	18.5			1	24
18.20	18.5			1	49
17.17	17.5			25	0
17.16	17.5			25	12
17.12	17.5			25	25
17.10	17.5			50	0
17.18	17.5	16QAM		1	0
17.10	17.5			1	24
17.18	17.5			1	49
16.16	16.5			25	0
16.11	16.5			25	12
16.10	16.5			25	25
16.19	16.5			50	0
16.12	16.5	64QAM		1	0
16.18	16.5			1	24
16.17	16.5			1	49
15.20	15.5			25	0
15.16	15.5			25	12
15.12	15.5			25	25
15.18	15.5			50	0
13.17	13.5	256QAM		1	0
13.12	13.5			1	24
13.19	13.5			1	49
13.16	13.5			25	0
13.14	13.5			25	12
13.13	13.5			25	25
13.10	13.5			50	0

LTE Band 30 Ant 3							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
27685	27710	27735	Channel				
2307.5	2310	2312.5	Frequency (MHz)				
18.04	17.89	17.93	18.5	QPSK	5MHz	1	0
18.02	18.09	18.10	18.5			1	12
17.90	17.81	17.83	18.5			1	24
16.94	17.00	17.04	17.5			12	0
16.80	16.87	16.97	17.5			12	6
16.90	16.81	16.99	17.5			12	13
17.10	16.98	17.07	17.5	16QAM		25	0
16.85	16.91	17.07	17.5			1	0
16.98	17.08	16.94	17.5			1	12
17.08	17.03	16.88	17.5			1	24
16.09	15.85	15.91	16.5			12	0
15.91	16.10	15.86	16.5			12	6
15.96	15.88	16.05	16.5	64QAM		12	13
15.82	16.06	15.94	16.5			25	0
15.88	16.07	16.06	16.5			1	0
16.10	16.08	16.04	16.5			1	12
15.90	15.87	16.02	16.5			1	24
14.88	15.03	14.93	15.5			12	0
15.05	15.08	14.84	15.5	256QAM		12	6
14.91	15.02	14.90	15.5			12	13
14.86	14.84	14.86	15.5		25	0	
12.84	13.09	12.97	13.5		1	0	
12.97	12.80	12.90	13.5		1	12	
13.07	13.09	12.87	13.5		1	24	
12.93	13.02	12.97	13.5	12	0		
13.10	12.93	13.08	13.5	12	6		
12.86	13.01	12.98	13.5	12	13		
12.89	13.08	13.10	13.5	25	0		

LTE Band 38 Ant 3							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
37850	38000	38150	Channel				
2580	2595	2610	Frequency (MHz)				
19.26	19.40	19.39	19.5	QPSK	20MHz	1	0
19.24	19.15	19.24	19.5			1	49
19.11	19.19	19.22	19.5			1	99
18.15	18.21	18.15	18.5			50	0
18.11	18.13	18.20	18.5			50	25
18.12	18.17	18.13	18.5			50	50
18.13	18.19	18.17	18.5			100	0
18.14	18.19	18.18	18.5	16QAM		1	0
18.14	18.13	18.13	18.5			1	49
18.10	18.12	18.11	18.5			1	99
17.14	17.20	17.20	17.5			50	0
17.15	17.20	17.20	17.5			50	25
17.19	17.20	17.15	17.5			50	50
17.15	17.13	17.17	17.5			100	0
17.19	17.15	17.13	17.5	64QAM		1	0
17.15	17.15	17.18	17.5			1	49
17.13	17.15	17.15	17.5			1	99
16.17	16.19	16.15	16.5			50	0
16.20	16.13	16.20	16.5			50	25
16.10	16.13	16.14	16.5			50	50
16.15	16.16	16.16	16.5			100	0
14.10	14.10	14.12	14.5	256QAM		1	0
14.12	14.20	14.15	14.5			1	49
14.19	14.19	14.19	14.5			1	99
14.18	14.14	14.17	14.5			50	0
14.14	14.14	14.20	14.5			50	25
14.18	14.16	14.19	14.5			50	50
14.20	14.10	14.12	14.5			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)				
18.97	18.98	18.87	19.5	QPSK	15MHz	1	0
18.92	18.82	19.05	19.5			1	37
18.90	18.90	18.91	19.5			1	74
18.02	17.89	18.04	18.5			36	0
18.09	17.89	17.86	18.5			36	19
17.86	17.92	18.10	18.5			36	39
17.80	17.87	17.89	18.5			75	0
17.87	17.99	18.03	18.5	16QAM		1	0
18.05	18.10	17.93	18.5			1	37
17.88	18.08	17.97	18.5			1	74
17.07	16.88	16.93	17.5			36	0
16.98	16.85	16.98	17.5			36	19
16.85	16.89	16.95	17.5			36	39
17.05	16.82	16.92	17.5			75	0
17.00	16.97	16.82	17.5	64QAM		1	0
17.05	17.01	16.97	17.5			1	37
17.04	16.89	16.87	17.5			1	74
16.08	15.93	15.83	16.5			36	0
15.84	15.84	15.81	16.5			36	19
15.81	16.04	15.94	16.5			36	39
15.82	15.88	15.86	16.5			75	0
14.02	13.93	13.91	14.5	256QAM		1	0
13.82	14.06	13.93	14.5			1	37
13.88	14.09	13.97	14.5			1	74
13.95	13.86	13.83	14.5			36	0
13.98	13.81	14.08	14.5			36	19
13.82	14.10	14.07	14.5			36	39
13.99	13.93	13.89	14.5			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)				
18.94	18.95	19.03	19.5	QPSK	10MHz	1	0
18.84	18.85	19.06	19.5			1	24
19.02	18.87	18.98	19.5			1	49
17.91	17.97	17.98	18.5			25	0
17.86	18.02	17.92	18.5			25	12
18.08	17.96	17.84	18.5			25	25
18.02	17.89	17.99	18.5			50	0
17.86	17.96	18.00	18.5	16QAM		1	0
17.88	17.85	18.09	18.5			1	24
18.06	17.89	17.90	18.5			1	49
17.09	16.94	16.86	17.5			25	0
16.83	16.98	17.06	17.5			25	12
16.95	16.84	17.00	17.5			25	25
16.93	16.84	16.95	17.5			50	0
17.06	17.07	16.94	17.5	64QAM		1	0
17.06	16.87	16.96	17.5			1	24
16.93	16.93	16.81	17.5			1	49
15.85	16.07	15.89	16.5			25	0
16.10	16.00	15.88	16.5			25	12
15.94	15.82	15.98	16.5			25	25
15.95	16.08	15.91	16.5			50	0
14.03	13.89	14.09	14.5	256QAM		1	0
13.87	13.98	14.10	14.5			1	24
14.05	13.91	14.04	14.5			1	49
13.96	13.82	13.98	14.5			25	0
13.97	13.89	13.80	14.5			25	12
14.07	13.93	14.10	14.5			25	25
14.09	13.86	13.93	14.5			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)				
18.92	19.04	18.83	19.5	QPSK	5MHz	1	0
18.95	18.88	19.00	19.5			1	12
19.06	18.81	19.06	19.5			1	24
17.86	17.84	17.88	18.5			12	0
18.08	18.01	17.92	18.5			12	6
17.95	17.90	18.07	18.5			12	13
17.88	17.83	18.09	18.5			25	0
17.87	17.92	17.92	18.5	16QAM		1	0
18.03	17.82	17.81	18.5			1	12
17.81	18.10	18.03	18.5			1	24
16.98	17.04	16.80	17.5			12	0
16.96	17.03	17.06	17.5			12	6
16.86	16.95	16.88	17.5			12	13
16.81	17.10	16.91	17.5			25	0
17.00	17.05	17.00	17.5	64QAM		1	0
16.83	17.08	17.07	17.5			1	12
17.07	16.89	16.96	17.5			1	24
16.05	15.86	15.81	16.5			12	0
15.88	15.96	15.81	16.5			12	6
16.09	15.95	16.00	16.5			12	13
16.02	15.81	15.96	16.5			25	0
14.00	13.95	14.03	14.5	256QAM		1	0
13.94	14.05	13.80	14.5			1	12
13.95	13.81	13.84	14.5			1	24
14.01	13.99	13.83	14.5			12	0
13.93	13.97	13.82	14.5			12	6
13.94	13.90	13.95	14.5			12	13
14.00	14.07	14.08	14.5			25	0

LTE Band 40 Ant 3							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
38750	39150	39550	Channel				
2310	2350	2390	Frequency (MHz)				
20.38	20.09	20.10	20.5	QPSK	20MHz	1	0
20.07	20.05	20.07	20.5			1	49
20.01	20.06	20.01	20.5			1	99
19.21	19.01	19.01	19.5			50	0
19.05	19.10	19.03	19.5			50	25
19.08	19.06	19.06	19.5			50	50
19.05	19.03	19.08	19.5			100	0
19.08	19.00	19.06	19.5	16QAM		1	0
19.07	19.10	19.09	19.5			1	49
19.05	19.08	19.00	19.5			1	99
18.08	18.01	18.07	18.5			50	0
18.03	18.10	18.06	18.5			50	25
18.06	18.03	18.09	18.5			50	50
18.01	18.08	18.04	18.5			100	0
18.07	18.08	18.09	18.5	64QAM		1	0
18.10	18.03	18.10	18.5			1	49
18.09	18.05	18.06	18.5			1	99
17.06	17.07	17.06	17.5			50	0
17.02	17.08	17.04	17.5			50	25
17.05	17.10	17.02	17.5			50	50
17.03	17.01	17.07	17.5			100	0
15.07	15.03	15.04	15.5	256QAM		1	0
15.04	15.00	15.04	15.5			1	49
15.05	15.06	15.06	15.5			1	99
15.05	15.10	15.09	15.5			50	0
15.00	15.06	15.06	15.5			50	25
15.06	15.08	15.02	15.5			50	50
15.06	15.03	15.03	15.5			100	0

LTE Band 40-low Ant 3							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
38725	39150	39575	Channel				
2307.5	2350	2392.5	Frequency (MHz)				
20.04	20.06	20.02	20.5	QPSK	15MHz	1	0
20.01	20.01	20.01	20.5			1	49
20.05	20.08	20.06	20.5			1	99
19.00	19.08	19.10	19.5			50	0
19.08	19.04	19.08	19.5			50	25
19.04	19.08	19.09	19.5			50	50
19.07	19.09	19.03	19.5			100	0
19.01	19.09	19.04	19.5	16QAM		1	0
19.01	19.10	19.06	19.5			1	49
19.04	19.00	19.02	19.5			1	99
18.03	18.04	18.04	18.5			50	0
18.02	18.09	18.02	18.5			50	25
18.04	18.08	18.09	18.5			50	50
18.01	18.10	18.09	18.5			100	0
18.00	18.07	18.03	18.5	64QAM		1	0
18.01	18.03	18.03	18.5			1	49
18.05	18.08	18.05	18.5			1	99
17.09	17.09	17.08	17.5			50	0
17.05	17.08	17.03	17.5			50	25
17.06	17.00	17.05	17.5			50	50
17.03	17.01	17.09	17.5			100	0
15.04	15.01	15.03	15.5	256QAM		1	0
15.07	15.05	15.00	15.5			1	49
15.06	15.04	15.02	15.5			1	99
15.07	15.10	15.02	15.5			50	0
15.09	15.00	15.02	15.5			50	25
15.07	15.04	15.02	15.5			50	50
15.10	15.03	15.01	15.5			100	0

LTE Band 40-low Ant 3							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
38700	39150	39600	Channel				
2305	2350	2395	Frequency (MHz)				
20.07	20.04	20.00	20.5	QPSK	10MHz	1	0
20.00	20.08	20.05	20.5			1	49
20.02	20.00	20.00	20.5			1	99
19.08	19.05	19.00	19.5			50	0
19.00	19.00	19.08	19.5			50	25
19.02	19.03	19.08	19.5			50	50
19.01	19.09	19.07	19.5			100	0
19.10	19.10	19.01	19.5	16QAM		1	0
19.09	19.00	19.06	19.5			1	49
19.09	19.08	19.02	19.5			1	99
18.05	18.10	18.02	18.5			50	0
18.04	18.10	18.09	18.5			50	25
18.02	18.05	18.08	18.5			50	50
18.08	18.09	18.09	18.5			100	0
18.09	18.04	18.00	18.5	64QAM		1	0
18.05	18.06	18.02	18.5			1	49
18.02	18.04	18.10	18.5			1	99
17.04	17.00	17.06	17.5			50	0
17.10	17.03	17.08	17.5			50	25
17.02	17.04	17.07	17.5			50	50
17.08	17.10	17.04	17.5			100	0
15.00	15.05	15.08	15.5	256QAM		1	0
15.10	15.05	15.01	15.5			1	49
15.05	15.01	15.03	15.5			1	99
15.03	15.04	15.01	15.5			50	0
15.05	15.07	15.05	15.5			50	25
15.04	15.03	15.07	15.5			50	50
15.09	15.01	15.04	15.5			100	0

LTE Band 40-low Ant 3							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
38675	39150	39625	Channel				
2302.5	2350	2397.5	Frequency (MHz)				
20.05	20.08	20.02	20.5	QPSK	5MHz	1	0
20.06	20.03	20.02	20.5			1	49
20.00	20.10	20.00	20.5			1	99
19.08	19.02	19.10	19.5			50	0
19.02	19.03	19.10	19.5			50	25
19.01	19.07	19.01	19.5			50	50
19.02	19.07	19.03	19.5			100	0
19.03	19.02	19.10	19.5	16QAM		1	0
19.09	19.05	19.02	19.5			1	49
19.05	19.01	19.09	19.5			1	99
18.01	18.08	18.01	18.5			50	0
18.08	18.02	18.07	18.5			50	25
18.01	18.08	18.09	18.5			50	50
18.07	18.05	18.07	18.5			100	0
18.00	18.04	18.07	18.5	64QAM		1	0
18.02	18.02	18.02	18.5			1	49
18.08	18.01	18.04	18.5			1	99
17.04	17.06	17.04	17.5			50	0
17.03	17.05	17.03	17.5			50	25
17.07	17.08	17.10	17.5			50	50
17.03	17.05	17.05	17.5			100	0
15.04	15.05	15.10	15.5	256QAM		1	0
15.05	15.02	15.07	15.5			1	49
15.06	15.10	15.09	15.5			1	99
15.09	15.02	15.06	15.5			50	0
15.07	15.04	15.02	15.5			50	25
15.03	15.04	15.01	15.5			50	50
15.08	15.09	15.01	15.5			100	0

LTE Band 41 Ant 3									
Maximum Average Power (dBm)					Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
39750	40185	40620	41055	41490	Channel				
2506	2549.5	2593	2636.5	2680	Frequency (MHz)				
19.37	19.35	19.38	19.27	19.26	19.5	QPSK	20MHz	1	0
19.21	19.12	19.27	19.33	19.22	19.5			1	49
19.20	19.17	19.20	19.15	19.14	19.5			1	99
18.14	18.17	18.22	18.14	18.15	18.5			50	0
18.14	18.17	18.20	18.15	18.12	18.5			50	25
18.17	18.20	18.15	18.12	18.14	18.5			50	50
18.11	18.15	18.19	18.18	18.16	18.5			100	0
18.19	18.15	18.12	18.17	18.10	18.5	16QAM		1	0
18.13	18.17	18.10	18.20	18.13	18.5			1	49
18.12	18.19	18.15	18.18	18.17	18.5			1	99
17.14	17.19	17.13	17.15	17.17	17.5			50	0
17.12	17.15	17.18	17.10	17.13	17.5			50	25
17.18	17.14	17.12	17.14	17.14	17.5			50	50
17.14	17.12	17.17	17.10	17.16	17.5			100	0
17.20	17.20	17.13	17.12	17.20	17.5	64QAM		1	0
17.17	17.10	17.18	17.15	17.11	17.5			1	49
17.10	17.11	17.11	17.16	17.19	17.5			1	99
16.19	16.17	16.12	16.18	16.15	16.5			50	0
16.17	16.18	16.13	16.20	16.12	16.5			50	25
16.10	16.14	16.10	16.13	16.18	16.5			50	50
16.15	16.20	16.15	16.11	16.13	16.5			100	0
14.20	14.17	14.14	14.16	14.20	14.5	256QAM		1	0
14.18	14.13	14.17	14.13	14.14	14.5			1	49
14.19	14.11	14.20	14.10	14.11	14.5			1	99
14.20	14.20	14.12	14.13	14.10	14.5			50	0
14.17	14.16	14.13	14.19	14.15	14.5			50	25
14.16	14.12	14.14	14.16	14.13	14.5			50	50
14.19	14.11	14.13	14.14	14.11	14.5			100	0



LTE Band 41 Ant 2									
Maximum Average Power (dBm)					Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
39725	40173	40620	41068	41515	Channel				
2503.5	2548.3	2593	2637.8	2682.5	Frequency (MHz)				
18.93	18.83	18.97	18.94	18.83	19.5	QPSK	15MHz	1	0
18.97	19.06	18.80	18.87	19.04	19.5			1	37
18.83	19.03	19.04	19.04	19.07	19.5			1	74
17.85	17.98	17.82	18.09	17.83	18.5			36	0
17.98	17.95	17.89	17.97	17.86	18.5			36	19
17.99	17.82	17.99	17.86	18.10	18.5			36	39
17.98	17.96	17.95	18.07	17.97	18.5			75	0
17.80	17.92	18.00	17.89	17.88	18.5	16QAM		1	0
18.01	18.01	18.10	17.84	17.97	18.5			1	37
17.91	18.02	18.03	17.80	17.96	18.5			1	74
17.00	16.84	16.83	16.97	16.91	17.5			36	0
16.89	16.83	16.98	16.86	16.89	17.5			36	19
16.89	16.87	16.95	16.80	16.85	17.5			36	39
16.97	17.06	17.09	16.90	16.82	17.5			75	0
16.94	16.94	17.07	16.98	16.91	17.5	64QAM		1	0
16.93	16.95	16.93	16.88	16.92	17.5			1	37
17.02	16.87	16.89	16.83	16.81	17.5			1	74
15.90	16.01	15.88	15.83	16.08	16.5			36	0
15.82	15.96	15.98	15.83	15.81	16.5			36	19
16.08	15.85	15.81	16.04	15.90	16.5			36	39
15.84	15.86	16.01	15.83	15.97	16.5			75	0
13.81	14.05	13.89	13.82	13.82	14.5	256QAM		1	0
14.06	13.92	14.04	13.96	13.80	14.5			1	37
14.01	13.85	13.98	13.85	13.83	14.5			1	74
14.03	14.08	14.01	14.09	14.02	14.5			36	0
13.85	13.95	13.83	14.09	14.01	14.5			36	19
13.95	14.05	13.93	13.86	14.08	14.5			36	39
14.08	13.90	14.06	14.07	14.09	14.5			75	0

LTE Band 41 Ant 2									
Maximum Average Power (dBm)					Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
39700	40160	40620	41080	41540	Channel				
2501	2547	2593	2639	2685	Frequency (MHz)				
19.10	19.06	18.83	19.07	18.95	19.5	QPSK	10MHz	1	0
18.94	18.92	18.85	19.09	19.01	19.5			1	24
18.84	19.03	18.86	18.81	18.93	19.5			1	49
17.97	17.80	18.07	17.84	17.87	18.5			25	0
17.94	17.83	17.81	18.05	17.88	18.5			25	12
18.04	17.89	18.06	18.06	17.84	18.5			25	25
18.04	18.08	17.93	17.88	17.94	18.5			50	0
17.81	17.83	17.96	17.89	17.86	18.5	1		0	
18.10	18.07	17.82	17.84	18.04	18.5	1		24	
18.02	17.94	17.82	17.93	17.84	18.5	1		49	
17.05	16.86	16.82	16.80	16.86	17.5	25		0	
17.07	17.05	16.98	17.06	17.02	17.5	25		12	
16.81	16.88	16.95	16.87	16.94	17.5	25		25	
16.94	17.05	16.81	16.90	17.10	17.5	50		0	
16.82	16.91	17.03	16.97	16.93	17.5	1		0	
17.00	16.82	16.93	16.96	16.85	17.5	1		24	
16.98	16.95	16.96	16.96	17.10	17.5	1		49	
15.81	15.80	15.84	15.80	16.07	16.5	25		0	
16.04	15.82	16.06	16.06	16.02	16.5	25		12	
15.87	15.81	16.00	15.80	16.07	16.5	25		25	
15.97	16.07	15.86	15.83	15.80	16.5	50		0	
13.92	13.86	13.84	13.88	14.08	14.5	1		0	
13.89	14.00	14.02	13.88	13.83	14.5	1		24	
13.98	13.84	13.97	13.91	13.91	14.5	1		49	
14.01	14.04	13.91	13.88	13.90	14.5	25		0	
14.06	13.95	14.10	13.88	13.97	14.5	25		12	
13.89	14.02	13.98	14.02	14.08	14.5	25		25	
13.92	14.06	14.10	13.94	13.85	14.5	50		0	

LTE Band 41 Ant 2									
Maximum Average Power (dBm)					Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
39675	40148	40620	41093	41565	Channel				
2498.5	2545.8	2593	2640.3	2687.5	Frequency (MHz)				
18.98	18.91	18.90	18.91	18.83	19.5	QPSK	5MHz	1	0
18.97	18.91	19.06	18.95	18.96	19.5			1	12
18.92	18.97	18.95	18.85	19.09	19.5			1	24
17.85	17.87	17.93	18.08	18.02	18.5			12	0
17.90	18.10	17.85	17.90	18.00	18.5			12	6
17.85	18.01	17.92	17.97	17.99	18.5			12	13
18.06	17.87	17.90	17.95	17.88	18.5	25		0	
18.02	18.05	18.06	18.10	18.03	18.5	1		0	
17.96	18.03	18.08	17.90	17.94	18.5	1		12	
17.87	18.04	18.10	17.95	17.86	18.5	1		24	
17.06	16.87	17.05	16.99	17.08	17.5	12		0	
16.81	16.81	16.91	16.94	17.02	17.5	12		6	
16.86	16.83	17.04	16.88	16.94	17.5	12		13	
17.10	17.04	17.01	16.93	17.00	17.5	25		0	
16.87	16.86	16.94	17.03	16.93	17.5	1		0	
16.91	16.85	17.06	16.94	16.94	17.5	1		12	
16.84	16.83	17.03	16.93	16.99	17.5	1		24	
16.00	16.05	15.88	15.91	15.81	16.5	12		0	
15.93	15.84	16.01	15.85	16.08	16.5	12		6	
15.83	15.82	15.90	15.85	15.84	16.5	12		13	
15.80	16.00	16.09	15.99	16.09	16.5	25	0		
14.05	13.94	14.09	13.83	14.07	14.5	1	0		
13.90	13.82	14.02	13.97	13.98	14.5	1	12		
14.08	13.81	13.89	13.88	14.05	14.5	1	24		
13.82	13.86	13.88	14.04	13.98	14.5	12	0		
13.84	14.09	13.98	13.88	14.09	14.5	12	6		
14.01	13.96	13.82	14.09	14.10	14.5	12	13		
13.81	14.00	13.97	14.03	14.02	14.5	25	0		

LTE Band 66 Ant 3							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
132072	132322	132572	Channel				
1720	1745	1770	Frequency (MHz)				
23.22	23.26	23.11	24	QPSK	20MHz	1	0
22.96	23.16	23.05	24			1	49
23.12	23.22	23.03	24			1	99
22.51	22.80	22.53	23			50	0
22.78	22.56	22.55	23			50	25
22.69	22.52	22.50	23			50	50
22.58	22.70	22.58	23			100	0
21.97	22.11	22.02	23	16QAM		1	0
22.14	22.04	22.13	23			1	49
22.18	22.10	22.27	23			1	99
21.53	21.50	21.71	22			50	0
21.55	21.61	21.69	22			50	25
21.60	21.55	21.53	22			50	50
21.64	21.77	21.59	22			100	0
21.03	21.26	21.26	22	64QAM		1	0
20.98	21.13	21.01	22			1	49
21.04	20.91	20.93	22			1	99
20.75	20.54	20.69	21			50	0
20.80	20.75	20.53	21			50	25
20.62	20.80	20.75	21			50	50
20.79	20.56	20.73	21			100	0
18.67	18.90	18.68	19	256QAM		1	0
18.59	18.76	18.70	19			1	49
18.66	18.55	18.75	19			1	99
18.65	18.86	18.60	19			50	0
18.85	18.73	18.64	19			50	25
18.77	18.90	18.77	19			50	50
18.71	18.58	18.84	19			100	0

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

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

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

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



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

LTE Band 42 Ant 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)				
17.35	17.39	17.45	17.5	QPSK	20 MHz	1	0
17.08	17.04	17.00	17.5			1	49
17.06	16.95	16.92	17.5			1	99
16.02	15.95	16.49	16.5			50	0
16.05	15.92	16.10	16.5			50	25
15.94	16.05	15.93	16.5			50	50
15.91	15.98	16.45	16.5			100	0
15.95	16.05	15.90	16.5	16QAM		1	0
15.90	15.94	15.90	16.5			1	49
16.04	16.00	15.98	16.5			1	99
14.93	15.05	15.05	15.5			50	0
15.00	15.04	15.01	15.5			50	25
14.94	15.08	14.93	15.5			50	50
14.95	15.10	14.99	15.5			100	0
15.01	15.09	15.00	15.5	64QAM		1	0
14.91	14.93	15.04	15.5			1	49
14.92	14.98	14.99	15.5			1	99
13.93	13.99	13.96	14.5			50	0
14.06	13.92	14.09	14.5			50	25
14.05	13.99	14.01	14.5			50	50
14.00	14.00	14.08	14.5			100	0
11.90	11.96	11.92	12.5	256QAM		1	0
12.03	12.05	11.91	12.5			1	49
11.93	12.08	11.93	12.5			1	99
11.91	12.03	12.04	12.5			50	0
12.08	11.93	11.93	12.5			50	25
12.09	11.97	11.90	12.5			50	50
11.93	12.04	11.97	12.5			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)				
16.93	17.00	17.07	17.5	QPSK	15 MHz	1	0
16.91	17.10	17.03	17.5			1	37
16.93	16.93	17.07	17.5			1	74
16.06	15.99	16.06	16.5			36	0
16.06	15.99	16.05	16.5			36	19
15.99	16.02	16.06	16.5			36	39
15.97	15.93	15.91	16.5			75	0
15.95	15.91	16.06	16.5	16QAM		1	0
16.05	16.04	15.90	16.5			1	37
15.98	16.09	15.98	16.5			1	74
15.00	14.98	15.01	15.5			36	0
14.94	15.05	15.01	15.5			36	19
15.05	15.07	14.93	15.5			36	39
15.02	14.90	14.93	15.5			75	0
15.09	15.07	14.96	15.5	64QAM		1	0
15.06	15.02	15.10	15.5			1	37
15.02	14.97	15.08	15.5			1	74
14.01	13.98	14.09	14.5			36	0
14.08	14.10	14.07	14.5			36	19
13.92	14.01	13.92	14.5			36	39
14.06	14.00	14.07	14.5			75	0
11.90	12.10	11.96	12.5	256QAM		1	0
12.02	12.10	11.93	12.5			1	37
11.95	11.98	11.95	12.5			1	74
12.07	11.91	12.07	12.5			36	0
11.97	12.01	12.06	12.5			36	19
11.93	11.93	12.02	12.5			36	39
11.97	12.02	11.98	12.5			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)				
16.93	16.97	16.91	17.5	QPSK	10 MHz	1	0
16.95	17.08	16.92	17.5			1	24
17.03	16.99	17.04	17.5			1	49
16.01	15.93	15.98	16.5			25	0
15.94	15.97	15.91	16.5			25	12
15.93	16.08	15.91	16.5			25	25
15.90	16.09	16.09	16.5			50	0
16.00	15.91	16.03	16.5	16QAM		1	0
16.03	15.94	15.98	16.5			1	24
16.08	16.02	16.08	16.5			1	49
15.10	15.10	15.03	15.5			25	0
14.99	15.05	14.93	15.5			25	12
14.91	14.99	15.05	15.5			25	25
14.97	14.97	15.06	15.5			50	0
15.07	15.03	14.93	15.5	64QAM		1	0
15.07	15.05	14.92	15.5			1	24
15.10	14.99	14.98	15.5			1	49
14.10	13.91	13.92	14.5			25	0
13.90	14.02	13.93	14.5			25	12
13.91	13.96	13.93	14.5			25	25
14.00	14.09	14.07	14.5			50	0
12.09	11.99	12.06	12.5	256QAM		1	0
12.03	12.00	12.01	12.5			1	24
11.90	11.94	11.94	12.5			1	49
11.90	12.00	12.09	12.5			25	0
12.00	12.02	11.98	12.5			25	12
11.91	12.09	12.00	12.5			25	25
11.96	12.10	11.94	12.5			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)				
17.06	16.97	17.10	17.5	QPSK	5 MHz	1	0
17.10	17.03	16.90	17.5			1	12
17.02	17.06	17.05	17.5			1	24
15.91	15.98	16.07	16.5			12	0
16.06	15.97	16.08	16.5			12	6
15.92	15.98	15.98	16.5			12	13
16.09	16.06	16.03	16.5			25	0
15.97	15.93	16.09	16.5	16QAM		1	0
16.00	16.10	15.93	16.5			1	12
16.05	15.90	16.10	16.5			1	24
14.94	15.06	15.10	15.5			12	0
15.00	15.06	15.03	15.5			12	6
14.91	15.03	14.92	15.5			12	13
15.06	14.90	14.96	15.5			25	0
14.90	15.03	15.10	15.5	64QAM		1	0
14.96	14.98	14.93	15.5			1	12
14.90	14.94	14.93	15.5			1	24
13.97	13.97	13.93	14.5			12	0
14.08	14.00	14.01	14.5			12	6
14.03	14.10	14.03	14.5			12	13
14.05	14.00	13.91	14.5			25	0
12.00	11.99	11.98	12.5	256QAM		1	0
11.92	11.93	12.04	12.5			1	12
12.02	12.03	11.91	12.5			1	24
12.06	11.92	12.04	12.5			12	0
11.90	12.01	12.10	12.5			12	6
12.03	11.94	12.03	12.5			12	13
12.02	12.08	11.91	12.5			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)				
19.38	19.42	19.39	19.5	QPSK	20 MHz	1	0
19.07	19.01	18.93	19.5			1	49
18.93	18.96	18.92	19.5			1	99
18.23	18.27	18.24	18.5			50	0
17.94	17.93	17.98	18.5			50	25
18.03	18.08	18.03	18.5			50	50
18.21	18.26	18.23	18.5			100	0
18.03	17.97	18.00	18.5	16QAM		1	0
18.02	17.94	17.93	18.5			1	49
17.91	18.08	17.98	18.5			1	99
17.04	16.96	17.06	17.5			50	0
17.06	16.96	16.90	17.5			50	25
17.10	17.05	16.97	17.5			50	50
17.04	17.02	16.93	17.5			100	0
17.10	16.97	17.05	17.5	64QAM		1	0
17.04	17.03	16.92	17.5			1	49
16.95	16.96	16.92	17.5			1	99
15.90	16.10	16.08	16.5			50	0
16.09	16.00	16.06	16.5			50	25
15.92	16.08	16.01	16.5			50	50
15.96	16.07	15.92	16.5			100	0
14.09	14.06	14.09	14.5	256QAM		1	0
14.04	14.03	13.98	14.5			1	49
14.10	14.08	14.02	14.5			1	99
13.98	13.93	14.00	14.5			50	0
13.90	13.94	13.91	14.5			50	25
14.00	13.99	13.99	14.5			50	50
14.01	14.09	14.06	14.5			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)				
19.09	18.96	18.92	19.5	QPSK	15 MHz	1	0
19.02	18.90	18.98	19.5			1	37
19.03	18.98	18.92	19.5			1	74
18.06	18.09	18.08	18.5			36	0
17.92	17.91	17.93	18.5			36	19
17.90	17.98	17.91	18.5			36	39
18.03	18.05	18.03	18.5	75		0	
18.05	17.94	18.09	18.5	16QAM		1	0
18.01	17.91	17.99	18.5			1	37
17.91	18.08	18.03	18.5			1	74
16.92	16.95	17.05	17.5			36	0
17.03	16.97	16.95	17.5			36	19
17.05	16.92	16.93	17.5			36	39
17.08	17.10	17.10	17.5	75		0	
17.07	17.08	16.94	17.5	64QAM		1	0
16.96	17.07	16.98	17.5			1	37
16.94	16.90	16.94	17.5			1	74
15.95	15.94	16.06	16.5			36	0
16.01	16.10	16.09	16.5			36	19
15.98	16.08	15.93	16.5			36	39
16.02	15.90	15.91	16.5	75		0	
13.97	14.10	14.07	14.5	256QAM		1	0
13.94	14.02	14.10	14.5			1	37
13.90	13.98	13.92	14.5			1	74
14.05	13.92	13.90	14.5			36	0
13.92	14.00	14.01	14.5			36	19
13.94	13.97	13.96	14.5			36	39
13.93	13.95	14.01	14.5			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)				
19.01	18.99	18.98	19.5	QPSK	10 MHz	1	0
18.91	19.08	19.09	19.5			1	24
19.08	19.00	18.91	19.5			1	49
18.00	17.93	17.97	18.5			25	0
17.96	18.09	17.92	18.5			25	12
17.91	17.92	18.09	18.5			25	25
17.92	17.95	17.99	18.5			50	0
18.03	17.92	17.91	18.5	16QAM		1	0
18.02	18.07	17.91	18.5			1	24
18.08	18.02	18.10	18.5			1	49
16.99	17.06	17.03	17.5			25	0
17.03	16.92	17.07	17.5			25	12
16.96	17.06	17.10	17.5			25	25
16.93	16.93	17.10	17.5			50	0
16.99	16.95	17.04	17.5	64QAM		1	0
16.97	16.95	17.10	17.5			1	24
16.94	17.05	17.00	17.5			1	49
16.10	15.91	16.09	16.5			25	0
16.10	16.10	16.00	16.5			25	12
15.98	16.07	16.02	16.5			25	25
15.91	16.07	15.99	16.5			50	0
14.02	13.90	14.08	14.5	256QAM		1	0
13.90	14.05	14.10	14.5			1	24
13.97	14.03	14.00	14.5			1	49
14.03	13.90	13.91	14.5			25	0
13.99	14.08	13.97	14.5			25	12
14.09	13.98	14.08	14.5			25	25
14.03	13.94	14.05	14.5			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)				
19.06	19.05	18.97	19.5	QPSK	5 MHz	1	0
19.08	18.90	19.03	19.5			1	12
18.97	18.99	19.06	19.5			1	24
17.99	17.90	18.00	18.5			12	0
17.93	17.96	17.96	18.5			12	6
18.01	18.04	18.08	18.5			12	13
18.01	18.03	18.08	18.5			25	0
18.03	18.10	18.05	18.5	16QAM		1	0
18.06	17.97	18.02	18.5			1	12
18.10	17.95	18.02	18.5			1	24
16.90	16.99	16.96	17.5			12	0
16.99	16.95	16.98	17.5			12	6
16.90	16.98	17.10	17.5			12	13
16.97	16.91	17.10	17.5			25	0
16.98	16.92	16.90	17.5	64QAM		1	0
17.01	16.99	16.99	17.5			1	12
17.04	17.09	16.97	17.5			1	24
16.05	16.00	15.95	16.5			12	0
16.07	15.93	15.92	16.5			12	6
16.04	16.05	16.04	16.5			12	13
15.91	16.07	16.01	16.5			25	0
14.03	14.00	14.09	14.5	256QAM		1	0
14.00	14.07	14.00	14.5			1	12
13.95	13.95	13.92	14.5			1	24
13.93	14.07	13.96	14.5			12	0
14.06	14.06	14.01	14.5			12	6
14.06	13.93	14.10	14.5			12	13
14.08	13.95	13.95	14.5			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)				
17.96	17.95	17.98	17.89	18	QPSK	20 MHz	1	0
17.57	17.49	17.53	17.45	18			1	49
17.42	17.42	17.56	17.54	18			1	99
16.87	16.89	16.92	16.84	17			50	0
16.51	16.55	16.58	16.56	17			50	25
16.44	16.44	16.43	16.41	17			50	50
16.71	16.82	16.89	16.77	17			100	0
16.60	16.40	16.49	16.55	17	16QAM		1	0
16.56	16.59	16.53	16.54	17			1	49
16.58	16.54	16.53	16.58	17			1	99
15.60	15.53	15.58	15.59	16			50	0
15.60	15.47	15.44	15.44	16			50	25
15.60	15.49	15.48	15.58	16			50	50
15.47	15.47	15.49	15.43	16			100	0
15.48	15.57	15.45	15.46	16	64QAM		1	0
15.40	15.43	15.53	15.54	16			1	49
15.43	15.52	15.41	15.45	16			1	99
14.53	14.52	14.51	14.53	15			50	0
14.50	14.41	14.58	14.52	15			50	25
14.44	14.42	14.40	14.43	15			50	50
14.57	14.43	14.55	14.58	15			100	0
12.45	12.57	12.55	12.60	13	256QAM		1	0
12.60	12.41	12.40	12.52	13			1	49
12.46	12.43	12.54	12.52	13			1	99
12.52	12.41	12.57	12.40	13			50	0
12.58	12.60	12.48	12.58	13			50	25
12.45	12.59	12.53	12.41	13			50	50
12.42	12.53	12.56	12.52	13			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)				
17.47	17.59	17.55	17.60	18	QPSK	15 MHz	1	0
17.59	17.51	17.50	17.40	18			1	37
17.47	17.54	17.60	17.45	18			1	74
16.59	16.56	16.55	16.47	17			36	0
16.47	16.50	16.47	16.44	17			36	19
16.60	16.42	16.41	16.48	17			36	39
16.60	16.44	16.54	16.46	17			75	0
16.57	16.53	16.55	16.41	17	16QAM		1	0
16.60	16.43	16.58	16.60	17			1	37
16.50	16.54	16.50	16.42	17			1	74
15.48	15.44	15.42	15.58	16			36	0
15.58	15.43	15.59	15.57	16			36	19
15.49	15.59	15.46	15.41	16			36	39
15.47	15.59	15.53	15.52	16			75	0
15.52	15.48	15.56	15.53	16	64QAM		1	0
15.53	15.42	15.48	15.53	16			1	37
15.40	15.46	15.44	15.57	16			1	74
14.40	14.47	14.43	14.48	15			36	0
14.58	14.42	14.50	14.57	15			36	19
14.42	14.45	14.56	14.57	15			36	39
14.47	14.44	14.50	14.53	15			75	0
12.55	12.55	12.52	12.55	13	256QAM		1	0
12.43	12.50	12.41	12.59	13			1	37
12.55	12.48	12.54	12.50	13			1	74
12.54	12.54	12.42	12.51	13			36	0
12.43	12.60	12.54	12.53	13			36	19
12.41	12.42	12.46	12.50	13			36	39
12.48	12.50	12.60	12.41	13			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)				
17.59	17.40	17.40	17.43	18	QPSK	10 MHz	1	0
17.59	17.54	17.57	17.49	18			1	24
17.43	17.52	17.53	17.51	18			1	49
16.42	16.50	16.55	16.46	17			25	0
16.46	16.48	16.43	16.40	17			25	12
16.53	16.48	16.53	16.48	17			25	25
16.40	16.54	16.57	16.42	17			50	0
16.52	16.57	16.54	16.57	17	16QAM		1	0
16.48	16.46	16.41	16.59	17			1	24
16.51	16.41	16.55	16.45	17			1	49
15.51	15.47	15.41	15.54	16			25	0
15.46	15.58	15.47	15.54	16			25	12
15.55	15.49	15.54	15.55	16			25	25
15.47	15.59	15.48	15.49	16			50	0
15.55	15.59	15.53	15.55	16	64QAM		1	0
15.46	15.60	15.42	15.46	16			1	24
15.54	15.42	15.40	15.51	16			1	49
14.58	14.55	14.49	14.47	15			25	0
14.48	14.44	14.43	14.57	15			25	12
14.52	14.43	14.56	14.59	15			25	25
14.52	14.56	14.42	14.51	15			50	0
12.47	12.56	12.47	12.45	13	256QAM		1	0
12.57	12.48	12.50	12.55	13			1	24
12.48	12.60	12.57	12.57	13			1	49
12.47	12.57	12.49	12.58	13			25	0
12.54	12.45	12.56	12.60	13			25	12
12.57	12.53	12.59	12.48	13			25	25
12.48	12.59	12.45	12.55	13			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)				
17.59	17.52	17.46	17.56	18	QPSK	5 MHz	1	0
17.42	17.53	17.58	17.44	18			1	12
17.40	17.41	17.42	17.53	18			1	24
16.54	16.57	16.42	16.57	17			12	0
16.50	16.47	16.44	16.49	17			12	6
16.51	16.41	16.60	16.50	17			12	13
16.42	16.47	16.49	16.47	17			25	0
16.59	16.57	16.60	16.49	17	16QAM		1	0
16.59	16.41	16.40	16.41	17			1	12
16.49	16.43	16.59	16.59	17			1	24
15.57	15.57	15.51	15.40	16			12	0
15.43	15.49	15.41	15.49	16			12	6
15.54	15.60	15.56	15.53	16			12	13
15.48	15.54	15.55	15.41	16			25	0
15.58	15.42	15.53	15.55	16	64QAM		1	0
15.45	15.49	15.42	15.55	16			1	12
15.40	15.54	15.57	15.49	16			1	24
14.58	14.42	14.44	14.56	15			12	0
14.46	14.59	14.51	14.59	15			12	6
14.52	14.44	14.51	14.59	15			12	13
14.47	14.44	14.49	14.55	15			25	0
12.49	12.53	12.45	12.43	13	256QAM		1	0
12.49	12.54	12.47	12.48	13			1	12
12.60	12.57	12.58	12.41	13			1	24
12.42	12.55	12.53	12.46	13			12	0
12.48	12.54	12.44	12.56	13			12	6
12.46	12.58	12.41	12.42	13			12	13
12.43	12.47	12.48	12.54	13			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	23.58	23.78	24	QPSK	20MHz	1	0
23.55	23.54	23.64	24			1	49
23.56	23.60	23.50	24			1	99
22.87	22.97	22.93	23			50	0
22.64	22.73	22.56	23			50	25
22.79	22.81	22.89	23			50	50
22.71	22.65	22.84	23			100	0
22.59	22.94	22.66	23	16QAM		1	0
22.60	22.72	22.86	23			1	49
22.85	22.54	22.89	23			1	99
22.00	21.83	21.57	22			50	0
21.67	21.71	21.70	22			50	25
21.66	21.88	21.72	22			50	50
21.50	21.77	21.77	22			100	0
21.67	21.52	21.52	22	64QAM		1	0
21.70	21.92	21.77	22			1	49
21.60	21.91	21.84	22			1	99
20.65	20.65	20.83	21			50	0
20.97	20.77	20.90	21			50	25
20.91	20.86	20.66	21			50	50
20.60	20.98	20.63	21			100	0
18.90	18.64	18.90	19	256QAM		1	0
18.76	18.93	18.50	19			1	49
18.53	18.72	18.79	19			1	99
18.66	18.60	18.66	19			50	0
18.81	18.80	18.90	19			50	25
18.98	18.95	18.83	19			50	50
18.93	18.89	18.61	19			100	0

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

LTE Band 42 Ant 5							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
43140	43340	43540	Channel				
3555	3575	3595	Frequency (MHz)				
23.45	23.36	23.56	24	QPSK	10MHz	1	0
23.62	23.37	23.35	24			1	24
23.42	23.49	23.47	24			1	49
22.92	22.73	22.69	23			25	0
22.54	22.77	22.85	23			25	12
22.54	22.89	22.62	23			25	25
22.68	22.79	22.65	23			50	0
23.00	22.89	22.56	23	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	16QAM		1	0
22.88	22.67	22.94	23			1	12
22.88	22.54	22.79	23			1	24
21.57	21.86	21.96	22			12	0
21.76	21.85	21.87	22			12	6
21.67	21.58	21.72	22			12	13
21.50	21.63	21.94	22			25	0
21.68	21.64	21.90	22	64QAM		1	0
21.86	21.50	21.51	22			1	12
21.72	21.84	21.84	22			1	24
20.92	20.95	20.51	21			12	0
21.00	20.59	20.59	21			12	6
20.82	20.90	20.77	21			12	13
20.59	20.71	20.50	21			25	0
18.54	18.87	18.55	19	256QAM		1	0
18.73	18.99	18.71	19			1	12
18.86	19.00	18.58	19			1	24
18.67	18.91	18.54	19			12	0
18.73	18.62	18.83	19			12	6
18.77	18.57	18.93	19			12	13
18.84	18.87	18.85	19			25	0

LTE Band 43 Ant 5							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
44190	44340	44490	Channel				
3660	3675	3690	Frequency (MHz)				
23.71	23.78	23.73	24	QPSK	20MHz	1	0
23.77	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	16QAM		1	0
22.71	22.62	22.76	23			1	37
22.88	22.68	22.85	23			1	74
21.55	21.64	21.70	22			36	0
21.57	21.51	21.51	22			36	19
21.68	21.83	21.89	22			36	39
21.86	21.96	21.51	22			75	0
21.92	21.90	21.61	22	64QAM		1	0
21.63	21.67	21.62	22			1	37
21.98	21.56	21.85	22			1	74
20.87	20.55	20.51	21			36	0
20.61	20.88	20.80	21			36	19
21.00	20.88	20.86	21			36	39
20.72	20.73	20.54	21			75	0
18.87	18.96	18.61	19	256QAM		1	0
18.59	18.52	18.73	19			1	37
18.60	18.87	18.83	19			1	74
18.66	18.68	18.98	19			36	0
18.96	18.80	18.57	19			36	19
18.97	18.91	18.52	19			36	39
18.63	18.73	18.70	19			75	0

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

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

LTE Band 48 Ant 5								
Maximum Average Power (dBm)				Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
55340	55773	56207	56640	Channel				
3560	3603.3	3646.7	3690	Frequency (MHz)				
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	16QAM		1	0
22.83	22.57	22.96	22.95	23			1	37
22.53	22.69	22.80	22.50	23			1	74
21.75	21.90	21.82	21.60	22			36	0
21.97	21.71	22.00	21.97	22			36	19
21.64	21.88	21.62	21.61	22			36	39
21.74	21.81	21.74	21.65	22			75	0
21.54	21.59	21.91	21.70	22	64QAM		1	0
21.77	21.91	21.94	21.57	22			1	37
21.74	21.74	21.92	21.65	22			1	74
20.62	20.88	20.67	20.58	21			36	0
20.96	20.96	20.72	21.00	21			36	19
20.72	20.60	20.62	20.86	21			36	39
20.61	20.79	20.94	20.70	21			75	0
18.91	18.95	18.94	18.85	19	256QAM		1	0
18.98	18.69	18.76	18.99	19			1	37
18.62	18.74	18.67	18.66	19			1	74
18.72	18.82	18.73	18.98	19			36	0
18.77	18.85	18.88	18.58	19			36	19
18.74	18.82	18.90	18.87	19			36	39
18.87	18.52	18.61	18.78	19			75	0

LTE Band 48 Ant 5								
Maximum Average Power (dBm)				Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
55290	55757	56223	56690	Channel				
3555	3601.7	3648.3	3695	Frequency (MHz)				
23.09	23.02	23.03	23.05	24	QPSK	10MHz	1	0
23.07	23.12	23.09	22.91	24			1	24
23.06	22.99	22.96	23.01	24			1	49
22.52	22.71	22.83	22.98	23			25	0
22.78	22.58	22.69	22.74	23			25	12
22.58	22.54	22.80	23.00	23			25	25
22.89	22.53	22.61	22.63	23			50	0
22.98	22.86	22.78	22.68	23	16QAM		1	0
22.75	22.84	22.88	22.93	23			1	24
22.86	22.83	22.87	22.64	23			1	49
21.64	21.60	21.86	21.80	22			25	0
21.78	21.81	21.84	21.93	22			25	12
21.84	21.61	21.65	21.59	22			25	25
21.76	21.89	21.68	21.81	22			50	0
21.84	21.79	21.64	21.92	22	64QAM		1	0
21.87	21.83	21.89	21.91	22			1	24
21.82	21.72	21.81	21.71	22			1	49
20.95	20.80	20.98	20.82	21			25	0
20.97	20.85	20.75	20.71	21			25	12
20.68	20.65	20.61	20.73	21			25	25
20.51	20.53	20.77	20.96	21			50	0
18.69	18.81	18.79	18.81	19	256QAM		1	0
18.51	18.74	18.77	18.79	19			1	24
18.59	18.89	18.81	18.93	19			1	49
18.91	18.59	18.55	18.89	19			25	0
18.79	18.55	18.78	18.89	19			25	12
18.84	18.98	18.70	18.59	19			25	25
18.93	18.60	18.62	18.63	19			50	0



LTE Band 48 Ant 5								
Maximum Average Power (dBm)				Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
55265	55748	56232	56715	Channel				
3552.5	3600.8	3649.2	3697.5	Frequency (MHz)				
23.10	22.94	23.05	23.01	24	QPSK	5MHz	1	0
23.06	23.14	22.94	22.92	24			1	12
22.96	22.96	23.10	22.94	24			1	24
22.85	22.93	22.80	22.95	23			12	0
22.93	22.85	22.79	22.85	23			12	6
22.76	22.62	22.71	22.61	23			12	13
22.70	22.62	22.96	22.63	23			25	0
22.96	22.95	22.53	22.75	23	16QAM		1	0
22.76	22.95	22.72	22.88	23			1	12
22.96	22.93	22.68	22.75	23			1	24
21.89	21.89	21.65	21.78	22			12	0
21.73	21.65	22.00	21.66	22			12	6
21.68	21.89	21.70	21.78	22			12	13
21.54	21.78	21.50	21.52	22			25	0
21.55	21.98	21.94	21.81	22	64QAM		1	0
21.81	21.94	21.77	21.67	22			1	12
21.52	21.77	21.73	21.79	22			1	24
20.98	20.72	20.60	20.52	21			12	0
20.84	20.78	20.67	20.93	21			12	6
21.00	20.60	20.96	20.95	21			12	13
20.60	20.88	20.56	20.62	21			25	0
18.58	18.84	18.63	18.64	19	256QAM		1	0
18.95	18.71	18.56	18.98	19			1	12
18.99	18.99	18.66	18.96	19			1	24
18.72	18.75	18.97	18.67	19			12	0
18.69	18.82	18.65	18.96	19			12	6
18.89	18.84	18.81	18.84	19			12	13
18.86	18.58	18.68	18.88	19			25	0

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)				
23.58	23.69	23.84	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	22.99	23			50	0
22.87	22.63	22.77	23			50	25
22.62	22.65	22.71	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	16QAM		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			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	64QAM		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			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	256QAM		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			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	16QAM		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			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	64QAM		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			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 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)				
23.95	23.96	23.70	24	QPSK	20MHz	1	0
23.21	23.31	23.37	24			1	49
23.42	23.45	23.48	24			1	99
22.53	22.88	22.79	23			50	0
22.64	22.79	22.58	23			50	25
22.63	22.50	22.51	23			50	50
22.60	22.58	22.51	23			100	0
22.62	22.68	22.61	23	16QAM		1	0
22.62	22.73	22.66	23			1	49
22.63	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	16QAM		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	64QAM		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	256QAM		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	16QAM		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	64QAM		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	256QAM		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)				
23.75	23.79	23.51	23.74	24	QPSK	20MHz	1	0
23.64	23.61	23.53	23.75	24			1	49
23.48	23.74	23.50	23.78	24			1	99
22.80	22.97	22.64	22.96	23			50	0
22.74	22.70	22.92	22.60	23			50	25
22.80	22.66	22.87	22.98	23			50	50
22.96	22.94	22.74	22.88	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	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	16QAM		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			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	64QAM		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	23.51	24	QPSK	20MHz	1	0
23.15	23.34	23.36	24			1	49
23.29	23.37	23.47	24			1	99
22.59	22.88	23.00	23			50	0
22.69	22.78	22.51	23			50	25
22.73	22.50	22.52	23			50	50
22.51	22.92	22.81	23			100	0
22.66	22.65	22.97	23	16QAM		1	0
22.66	22.73	22.99	23			1	49
22.51	22.80	22.88	23			1	99
21.65	21.93	21.92	22			50	0
21.85	21.64	21.50	22			50	25
22.00	21.81	21.76	22			50	50
21.75	21.57	21.98	22			100	0
21.95	21.55	21.82	22	64QAM		1	0
21.97	21.58	21.59	22			1	49
21.50	21.57	21.77	22			1	99
20.94	20.50	20.72	21			50	0
20.87	20.79	20.61	21			50	25
20.96	20.66	20.67	21			50	50
20.86	20.75	20.91	21			100	0
18.66	18.60	18.96	19	256QAM		1	0
18.66	18.97	18.58	19			1	49
18.60	18.69	18.82	19			1	99
18.96	18.68	18.52	19			50	0
18.94	18.82	18.68	19			50	25
18.66	18.69	18.86	19			50	50
18.73	18.89	18.55	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	16QAM		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			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	64QAM		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			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	256QAM		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			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	16QAM		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	64QAM		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	256QAM		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 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	16QAM		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			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	64QAM		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			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	256QAM		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			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	16QAM		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	64QAM		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	256QAM		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		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		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		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	16QAM		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			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	64QAM		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			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	256QAM		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			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	16QAM		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			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	64QAM		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			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	256QAM		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			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)				
21.16	21.20	21.16	21.5	DFT-S $\pi/2$ BPSK	20 MHz	1	1
21.18	21.17	21.13	21.5			1	53
21.13	21.17	21.20	21.5			1	104
20.60	20.68	20.70	21			50	0
21.16	21.16	21.14	21.5			50	28
20.61	20.60	20.61	21			50	56
20.65	20.60	20.62	21			100	0
21.37	21.40	21.35	21.5	DFT-S QPSK		1	1
21.11	21.15	21.10	21.5			1	53
21.10	21.14	21.18	21.5			1	104
20.19	20.17	20.17	20.5			50	0
21.32	21.35	21.33	21.5			50	28
20.11	20.14	20.15	20.5			50	56
20.33	20.38	20.32	20.5			100	0
20.12	20.20	20.14	20.5	DFT-S 16QAM	1	1	
18.63	18.66	18.65	19	DFT-S 64QAM	1	1	
16.61	16.61	16.65	17	DFT-S 256QAM	1	1	
19.65	19.60	19.67	20	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)					
20.96	20.85	20.85	21.5	DFT-S $\pi/2$ BPSK	15 MHz	1	1	
20.91	21.05	20.82	21.5			1	40	
21.03	20.99	20.80	21.5			1	77	
20.35	20.39	20.59	21			36	0	
20.84	20.83	21.08	21.5			36	22	
20.49	20.45	20.30	21			36	43	
20.32	20.53	20.33	21			75	0	
20.98	21.10	20.98	21.5	DFT-S QPSK		1	1	
20.97	21.02	21.02	21.5			1	40	
20.94	20.86	20.97	21.5			1	77	
19.94	20.06	19.87	20.5			36	0	
20.95	20.94	20.97	21.5			36	22	
19.97	20.03	19.94	20.5			36	43	
20.09	19.84	19.92	20.5			75	0	
19.99	19.92	20.10	20.5	DFT-S 16QAM	1	1		
18.50	18.36	18.43	19	DFT-S 64QAM	1	1		
16.40	16.43	16.46	17	DFT-S 256QAM	1	1		
19.57	19.47	19.53	20	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)				
20.83	20.92	20.90	21.5	DFT-S $\pi/2$ BPSK	10 MHz	1	1
21.07	21.06	21.02	21.5			1	26
20.89	20.81	20.85	21.5			1	50
20.54	20.43	20.43	21			25	0
20.91	21.09	20.85	21.5			25	14
20.48	20.47	20.49	21			25	27
20.53	20.34	20.49	21			50	0
20.81	21.00	21.07	21.5	DFT-S QPSK		1	1
20.95	21.07	20.83	21.5			1	26
20.83	20.82	20.96	21.5			1	50
19.92	19.94	20.10	20.5			25	0
20.89	20.90	20.93	21.5			25	14
20.01	19.83	19.98	20.5			25	27
20.08	19.97	19.94	20.5			50	0
19.91	19.98	19.94	20.5	DFT-S 16QAM	1	1	
18.42	18.56	18.45	19	DFT-S 64QAM	1	1	
16.32	16.48	16.59	17	DFT-S 256QAM	1	1	
19.51	19.50	19.33	20	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)					
20.92	20.90	20.81	21.5	DFT-S $\pi/2$ BPSK	5 MHz	1	1	
20.81	20.85	20.89	21.5			1	13	
20.85	20.99	20.96	21.5			1	23	
20.58	20.32	20.43	21			12	0	
20.94	20.83	20.80	21.5			12	7	
20.47	20.59	20.30	21			12	13	
20.30	20.53	20.36	21			25	0	
20.90	21.01	20.99	21.5	DFT-S QPSK		1	1	
21.03	20.97	21.10	21.5			1	13	
21.02	21.04	20.95	21.5			1	23	
19.88	19.88	20.06	20.5			12	0	
21.05	20.91	21.04	21.5			12	7	
19.94	19.85	19.80	20.5			12	13	
20.03	19.81	19.82	20.5			25	0	
19.95	20.06	20.00	20.5	DFT-S 16QAM	1	1		
18.46	18.57	18.30	19	DFT-S 64QAM	1	1		
16.56	16.59	16.47	17	DFT-S 256QAM	1	1		
19.51	19.37	19.60	20	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)					
23.20	23.18	23.16	23.5	DFT-S $\pi/2$ BPSK	20 MHz	1	1	
23.10	23.19	23.18	23.5			1	53	
23.14	23.19	23.18	23.5			1	104	
22.69	22.60	22.67	23			50	0	
23.12	23.19	23.18	23.5			50	28	
22.69	22.62	22.66	23			50	56	
22.62	22.68	22.62	23			100	0	
23.40	23.46	23.38	23.5	DFT-S QPSK		1	1	
23.11	23.18	23.15	23.5			1	53	
23.19	23.12	23.19	23.5			1	104	
22.10	22.19	22.17	22.5			50	0	
23.38	22.40	22.36	23.5			50	28	
22.15	22.12	22.20	22.5			50	56	
22.40	22.42	22.39	22.5			100	0	
22.15	22.15	22.18	22.5	DFT-S 16QAM	1	1		
20.67	20.65	20.69	21	DFT-S 64QAM	1	1		
18.68	18.63	18.62	19	DFT-S 256QAM	1	1		
21.63	21.60	21.60	22	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)					
23.15	23.13	23.11	23.5	DFT-S $\pi/2$ BPSK	15 MHz	1	1	
23.11	23.14	23.14	23.5			1	40	
23.16	23.15	23.16	23.5			1	77	
22.61	22.69	22.69	23			36	0	
23.12	23.11	23.14	23.5			36	22	
22.60	22.70	22.64	23			36	43	
22.67	22.69	22.67	23			75	0	
23.35	23.36	23.38	23.5	DFT-S QPSK		1	1	
23.19	23.16	23.18	23.5			1	40	
23.10	23.18	23.16	23.5			1	77	
22.14	22.18	22.16	22.5			36	0	
23.43	23.38	23.37	23.5			36	22	
22.14	22.18	22.17	22.5			36	43	
22.38	22.38	22.40	22.5			75	0	
22.19	22.20	22.13	22.5	DFT-S 16QAM	1	1		
20.65	20.61	20.68	21	DFT-S 64QAM	1	1		
18.69	18.62	18.67	19	DFT-S 256QAM	1	1		
21.66	21.70	21.67	22	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)					
23.16	23.18	23.15	23.5	DFT-S $\pi/2$ BPSK	10 MHz	1	1	
23.11	23.13	23.18	23.5			1	26	
23.14	23.11	23.15	23.5			1	50	
22.69	22.63	22.69	23			25	0	
23.18	23.19	23.13	23.5			25	14	
22.64	22.70	22.62	23			25	27	
22.60	22.64	22.68	23			50	0	
23.38	23.38	23.39	23.5	DFT-S QPSK		1	1	
23.14	23.20	23.10	23.5			1	26	
23.11	23.12	23.18	23.5			1	50	
22.14	22.18	22.14	22.5			25	0	
23.35	23.36	23.41	23.5			25	14	
22.18	22.15	22.11	22.5			25	27	
22.31	22.38	22.39	22.5			50	0	
22.10	22.11	22.15	22.5	DFT-S 16QAM	1	1		
20.62	20.67	20.62	21	DFT-S 64QAM	1	1		
18.66	18.64	18.70	19	DFT-S 256QAM	1	1		
21.70	21.61	21.60	22	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)					
23.12	23.10	23.10	23.5	DFT-S $\pi/2$ BPSK	5 MHz	1	1	
23.19	23.15	23.13	23.5			1	13	
23.12	23.16	23.20	23.5			1	23	
22.69	22.65	22.69	23			12	0	
23.19	23.16	23.20	23.5			12	7	
22.63	22.64	22.69	23			12	13	
22.63	22.69	22.66	23			25	0	
23.36	23.39	23.37	23.5	DFT-S QPSK		1	1	
23.16	23.13	23.16	23.5			1	13	
23.15	23.20	23.12	23.5			1	23	
22.12	22.17	22.14	22.5			12	0	
23.40	23.36	23.37	23.5			12	7	
22.11	22.10	22.13	22.5			12	13	
22.38	22.38	22.32	22.5			25	0	
22.17	22.10	22.17	22.5	DFT-S 16QAM	1	1		
20.65	20.60	20.65	21	DFT-S 64QAM	1	1		
18.62	18.67	18.61	19	DFT-S 256QAM	1	1		
21.64	21.69	21.70	22	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)					
17.12	17.20	17.14	17.5	DFT-S $\pi/2$ BPSK	20 MHz	1	1	
17.19	17.12	17.20	17.5			1	53	
17.12	17.14	17.17	17.5			1	104	
16.64	16.69	16.62	17			50	0	
17.19	17.13	17.17	17.5			50	28	
16.67	16.66	16.63	17			50	56	
16.63	16.63	16.70	17			100	0	
17.44	17.45	17.39	17.5	DFT-S QPSK		1	1	
17.12	17.10	17.15	17.5			1	53	
17.20	17.12	17.18	17.5			1	104	
16.10	16.18	16.19	16.5			50	0	
17.33	17.38	17.36	17.5			50	28	
16.16	16.13	16.16	16.5			50	56	
16.35	16.38	16.34	16.5			100	0	
16.10	16.17	16.12	16.5	DFT-S 16QAM	1	1		
14.63	14.66	14.63	15	DFT-S 64QAM	1	1		
12.63	12.65	12.69	13	DFT-S 256QAM	1	1		
15.63	15.63	15.69	16	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)					
17.01	17.04	16.93	17.5	DFT-S $\pi/2$ BPSK	15 MHz	1	1	
16.83	16.85	16.83	17.5			1	40	
16.88	16.88	16.92	17.5			1	77	
16.51	16.34	16.41	17			36	0	
16.84	17.06	16.88	17.5			36	22	
16.43	16.59	16.32	17			36	43	
16.40	16.51	16.53	17			75	0	
16.98	16.92	16.81	17.5	DFT-S QPSK		1	1	
17.04	17.09	16.91	17.5			1	40	
16.97	17.06	17.05	17.5			1	77	
15.96	16.08	15.87	16.5			36	0	
17.01	16.84	17.02	17.5			36	22	
15.85	15.99	15.86	16.5			36	43	
16.09	15.86	15.87	16.5			75	0	
16.02	15.94	16.02	16.5	DFT-S 16QAM	1	1		
14.48	14.50	14.59	15	DFT-S 64QAM	1	1		
12.41	12.32	12.36	13	DFT-S 256QAM	1	1		
15.53	15.51	15.39	16	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)				
16.97	17.09	16.80	17.5	DFT-S $\pi/2$ BPSK	10 MHz	1	1
16.84	16.94	16.96	17.5			1	26
16.93	16.91	16.86	17.5			1	50
16.39	16.55	16.32	17			25	0
17.01	16.93	17.07	17.5			25	14
16.33	16.38	16.40	17			25	27
16.35	16.44	16.40	17			50	0
17.07	17.08	16.97	17.5	DFT-S QPSK		1	1
16.86	16.98	17.00	17.5			1	26
17.05	17.01	17.05	17.5			1	50
15.94	16.05	15.85	16.5			25	0
16.92	16.97	16.83	17.5			25	14
15.93	16.08	15.98	16.5			25	27
15.80	16.01	15.89	16.5			50	0
16.03	15.82	16.09	16.5	DFT-S 16QAM	1	1	
14.47	14.37	14.30	15	DFT-S 64QAM	1	1	
12.41	12.39	12.48	13	DFT-S 256QAM	1	1	
15.54	15.40	15.52	16	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)					
16.83	16.99	16.97	17.5	DFT-S $\pi/2$ BPSK	5 MHz	1	1	
17.01	16.91	16.95	17.5			1	13	
16.90	17.02	16.90	17.5			1	23	
16.47	16.37	16.46	17			12	0	
16.94	16.97	17.02	17.5			12	7	
16.53	16.30	16.40	17			12	13	
16.41	16.53	16.53	17			25	0	
17.07	16.86	16.98	17.5	DFT-S QPSK		1	1	
17.09	16.87	16.97	17.5			1	13	
16.85	16.93	16.86	17.5			1	23	
15.91	16.03	16.07	16.5			12	0	
16.99	17.10	16.89	17.5			12	7	
15.85	16.09	15.89	16.5			12	13	
16.07	16.07	16.10	16.5			25	0	
16.09	16.04	16.07	16.5	DFT-S 16QAM	1	1		
14.47	14.30	14.32	15	DFT-S 64QAM	1	1		
12.49	12.40	12.33	13	DFT-S 256QAM	1	1		
15.35	15.58	15.46	16	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)				
23.63	24	DFT-S $\pi/2$ BPSK	10 MHz	1	1
23.61	24			1	26
23.69	24			1	50
23.20	23.5			25	0
23.62	24			25	14
23.10	23.5			25	27
23.11	23.5			50	0
23.91	24	DFT-S QPSK		1	1
23.67	24			1	26
23.55	24			1	50
22.65	23			25	0
23.89	24			25	14
22.62	23			25	27
22.88	23			50	0
22.66	23	DFT-S 16QAM	1	1	
21.12	21.5	DFT-S 64QAM	1	1	
19.14	19.5	DFT-S 256QAM	1	1	
22.14	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	
158100	158600	159100	Channel					
790.5	793	795.5	Frequency (MHz)					
23.58	23.45	23.31	24	DFT-S $\pi/2$ BPSK	5 MHz	1	1	
23.52	23.47	23.42	24			1	13	
23.40	23.38	23.53	24			1	23	
22.99	22.90	23.10	23.5			12	0	
23.52	23.36	23.54	24			12	7	
22.94	22.96	22.87	23.5			12	13	
22.91	22.86	23.10	23.5			25	0	
23.48	23.60	23.50	24	DFT-S QPSK		1	1	
23.42	23.32	23.39	24			1	13	
23.40	23.57	23.37	24			1	23	
22.59	22.38	22.46	23			12	0	
23.58	23.51	23.48	24			12	7	
22.50	22.44	22.45	23			12	13	
22.52	22.40	22.57	23			25	0	
22.50	22.32	22.45	23		DFT-S 16QAM	1	1	
20.88	20.93	20.85	21.5	DFT-S 64QAM	1	1		
18.90	18.90	19.01	19.5	DFT-S 256QAM	1	1		
22.09	22.06	21.91	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	
372000	376500	381000	Channel					
1860	1882.5	1905	Frequency (MHz)					
21.20	21.11	21.15	21.5	DFT-S $\pi/2$ BPSK	20 MHz	1	1	
21.17	21.18	21.15	21.5			1	53	
21.20	21.11	21.10	21.5			1	104	
20.68	20.66	20.66	21			50	0	
21.14	21.18	21.17	21.5			50	28	
20.64	20.62	20.68	21			50	56	
20.66	20.63	20.64	21			100	0	
21.42	21.43	21.35	21.5	DFT-S QPSK		1	1	
21.10	21.16	21.14	21.5			1	53	
21.20	21.18	21.15	21.5			1	104	
20.13	20.16	20.19	20.5			50	0	
21.36	21.38	21.30	21.5			50	28	
20.14	20.16	20.19	20.5			50	56	
20.35	20.40	20.33	20.5			100	0	
20.15	20.10	20.14	20.5	DFT-S 16QAM	1	1		
18.69	18.68	18.66	19	DFT-S 64QAM	1	1		
16.68	16.67	16.64	17	DFT-S 256QAM	1	1		
19.60	19.66	19.61	20	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)					
21.07	21.07	20.87	21.5	DFT-S $\pi/2$ BPSK	15 MHz	1	1	
20.82	21.03	21.07	21.5			1	40	
20.96	20.93	20.91	21.5			1	77	
20.42	20.49	20.54	21			36	0	
20.95	20.98	21.00	21.5			36	22	
20.41	20.38	20.53	21			36	43	
20.40	20.59	20.54	21			75	0	
20.82	21.03	20.86	21.5	DFT-S QPSK		1	1	
21.00	21.09	20.95	21.5			1	40	
20.96	21.00	20.83	21.5			1	77	
20.07	20.03	20.02	20.5			36	0	
20.97	21.06	21.02	21.5			36	22	
19.87	19.98	19.88	20.5			36	43	
20.07	19.99	19.86	20.5			75	0	
19.91	19.96	20.08	20.5	DFT-S 16QAM	1	1		
18.48	18.36	18.57	19	DFT-S 64QAM	1	1		
16.56	16.53	16.40	17	DFT-S 256QAM	1	1		
19.52	19.56	19.46	20	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)					
21.10	20.89	20.83	21.5	DFT-S $\pi/2$ BPSK	10 MHz	1	1	
20.96	20.80	21.02	21.5			1	26	
21.00	21.09	20.83	21.5			1	50	
20.42	20.34	20.38	21			25	0	
20.80	20.94	20.96	21.5			25	14	
20.43	20.32	20.49	21			25	27	
20.32	20.55	20.39	21			50	0	
20.80	21.02	20.87	21.5	DFT-S QPSK		1	1	
20.91	20.90	21.04	21.5			1	26	
20.97	20.93	20.99	21.5			1	50	
19.88	19.88	20.08	20.5			25	0	
20.84	20.91	20.87	21.5			25	14	
19.94	19.95	19.90	20.5			25	27	
19.85	20.01	20.09	20.5			50	0	
19.92	20.04	20.03	20.5	DFT-S 16QAM	1	1		
18.50	18.41	18.58	19	DFT-S 64QAM	1	1		
16.31	16.60	16.50	17	DFT-S 256QAM	1	1		
19.60	19.56	19.43	20	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)					
21.00	21.04	20.91	21.5	DFT-S $\pi/2$ BPSK	5 MHz	1	1	
20.95	21.03	21.01	21.5			1	13	
21.04	20.81	20.95	21.5			1	23	
20.47	20.47	20.39	21			12	0	
20.97	20.97	21.04	21.5			12	7	
20.31	20.36	20.33	21			12	13	
20.55	20.43	20.34	21			25	0	
20.82	21.10	20.91	21.5	DFT-S QPSK		1	1	
20.87	20.83	20.95	21.5			1	13	
20.94	20.89	21.10	21.5			1	23	
19.96	19.80	19.90	20.5			12	0	
20.88	20.85	20.81	21.5			12	7	
19.83	19.81	19.94	20.5			12	13	
19.89	20.02	20.08	20.5			25	0	
20.09	20.05	19.84	20.5	DFT-S 16QAM	1	1		
18.42	18.52	18.50	19	DFT-S 64QAM	1	1		
16.53	16.45	16.46	17	DFT-S 256QAM	1	1		
19.43	19.31	19.52	20	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)				
18.17	18.5	DFT-S $\pi/2$ BPSK	10 MHz	1	1
18.18	18.5			1	26
18.11	18.5			1	50
17.65	18			25	0
18.11	18.5			25	14
17.68	18			25	27
17.63	18			50	0
18.41	18.5	DFT-S QPSK		1	1
18.16	18.5			1	26
18.20	18.5			1	50
17.12	17.5			25	0
18.38	18.5			25	14
17.10	17.5			25	27
17.31	17.5			50	0
17.15	17.5	DFT-S 16QAM	1	1	
15.63	16	DFT-S 64QAM	1	1	
13.64	14	DFT-S 256QAM	1	1	
16.68	17	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)					
17.90	18.01	18.06	18.5	DFT-S $\pi/2$ BPSK	5 MHz	1	1	
18.03	17.94	18.06	18.5			1	13	
17.93	17.98	17.87	18.5			1	23	
17.54	17.48	17.50	18			12	0	
18.06	17.86	17.81	18.5			12	7	
17.43	17.53	17.33	18			12	13	
17.39	17.55	17.37	18			25	0	
17.98	18.04	17.98	18.5	DFT-S QPSK		1	1	
18.06	18.10	17.97	18.5			1	13	
18.04	17.94	18.10	18.5			1	23	
17.03	16.84	17.02	17.5			12	0	
17.89	17.91	17.92	18.5			12	7	
16.91	16.97	17.05	17.5			12	13	
16.86	17.09	16.90	17.5			25	0	
17.10	16.93	16.82	17.5	DFT-S 16QAM	1	1		
15.55	15.35	15.30	16	DFT-S 64QAM	1	1		
13.54	13.44	13.47	14	DFT-S 256QAM	1	1		
16.34	16.39	16.32	17	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)					
23.17	23.35	23.48	23.5	DFT-S $\pi/2$ BPSK	20 MHz	1	1	
23.24	23.46	23.26	23.5			1	53	
23.41	23.48	23.24	23.5			1	104	
22.25	22.43	22.39	23			50	0	
22.78	22.78	22.68	23.5			50	28	
22.38	22.48	22.41	23			50	56	
22.32	22.38	22.29	23			100	0	
23.30	23.49	23.37	23.5	DFT-S QPSK		1	1	
23.44	23.47	23.42	23.5			1	53	
23.34	23.41	23.39	23.5			1	104	
21.25	21.44	21.42	22.5			50	0	
23.29	23.46	23.26	23.5			50	28	
21.86	21.89	21.74	22.5			50	56	
21.67	21.91	21.91	22.5			100	0	
21.85	21.92	21.66	22.5	DFT-S 16QAM	1	1		
20.40	20.41	20.19	21	DFT-S 64QAM	1	1		
18.37	18.42	18.13	19	DFT-S 256QAM	1	1		
21.26	21.43	21.18	22	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	23.5	DFT-S $\pi/2$ BPSK	15 MHz	1	1	
22.72	22.94	22.75	23.5			1	40	
22.82	22.91	22.65	23.5			1	77	
22.20	22.37	22.32	23			36	0	
22.71	22.75	22.61	23.5			36	22	
22.38	22.41	22.40	23			36	43	
22.27	22.31	22.29	23			75	0	
22.76	22.96	22.84	23.5	DFT-S QPSK		1	1	
22.85	22.92	22.90	23.5			1	40	
22.83	22.85	22.79	23.5			1	77	
21.18	21.36	21.33	22.5			36	0	
22.79	22.91	22.69	23.5			36	22	
21.84	21.80	21.71	22.5			36	43	
21.67	21.91	21.88	22.5			75	0	
21.79	21.83	21.58	22.5		DFT-S 16QAM	1	1	
20.40	20.35	20.11	21	DFT-S 64QAM	1	1		
18.30	18.39	18.06	19	DFT-S 256QAM	1	1		
21.22	21.36	21.09	22	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	23.5	DFT-S $\pi/2$ BPSK	10 MHz	1	1	
22.62	22.91	22.74	23.5			1	26	
22.73	22.91	22.62	23.5			1	50	
22.17	22.31	22.29	23			25	0	
22.64	22.71	22.57	23.5			25	14	
22.34	22.31	22.31	23			25	27	
22.17	22.28	22.28	23			50	0	
22.75	22.88	22.80	23.5	DFT-S QPSK		1	1	
22.83	22.89	22.81	23.5			1	26	
22.82	22.82	22.78	23.5			1	50	
21.08	21.26	21.26	22.5			25	0	
22.77	22.89	22.67	23.5			25	14	
21.77	21.76	21.63	22.5			25	27	
21.64	21.81	21.78	22.5			50	0	
21.76	21.81	21.50	22.5		1	1		
20.30	20.34	20.08	21	DFT-S 16QAM	1	1		
18.24	18.30	18.03	19	DFT-S 64QAM	1	1		
21.17	21.29	21.00	22	DFT-S 256QAM	1	1		
				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	23.5	DFT-S $\pi/2$ BPSK	5 MHz	1	1	
22.61	22.84	22.66	23.5			1	13	
22.64	22.81	22.55	23.5			1	23	
22.15	22.25	22.29	23			12	0	
22.64	22.68	22.53	23.5			12	7	
22.24	22.29	22.29	23			12	13	
22.09	22.28	22.27	23			25	0	
22.74	22.78	22.80	23.5	DFT-S QPSK		1	1	
22.74	22.80	22.76	23.5			1	13	
22.74	22.75	22.71	23.5			1	23	
21.08	21.21	21.17	22.5			12	0	
22.67	22.88	22.58	23.5			12	7	
21.69	21.76	21.62	22.5			12	13	
21.64	21.76	21.69	22.5			25	0	
21.67	21.74	21.42	22.5	DFT-S 16QAM	1	1		
20.24	20.27	19.99	21	DFT-S 64QAM	1	1		
18.19	18.24	17.99	19	DFT-S 256QAM	1	1		
21.08	21.20	20.94	22	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 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)				
22.10	22.18	22.19	22.5	DFT-S $\pi/2$ BPSK	20 MHz	1	1
22.11	22.16	22.15	22.5			1	53
22.12	22.13	22.14	22.5			1	104
21.65	21.60	21.61	22			50	0
22.16	22.17	22.12	22.5			50	28
21.64	21.70	21.66	22			50	56
21.70	21.68	21.66	22			100	0
22.39	22.43	22.40	22.5	DFT-S QPSK		1	1
22.13	22.16	22.11	22.5			1	53
22.18	22.15	22.12	22.5			1	104
21.12	21.16	21.10	21.5			50	0
22.34	22.35	22.32	22.5			50	28
21.20	21.14	21.19	21.5			50	56
21.34	21.38	21.32	21.5			100	0
21.15	21.19	21.19	21.5	DFT-S 16QAM	1	1	
19.63	19.63	19.61	20	DFT-S 64QAM	1	1	
17.66	17.63	17.62	18	DFT-S 256QAM	1	1	
20.68	20.68	20.70	21	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)					
21.96	21.82	22.05	22.5	DFT-S $\pi/2$ BPSK	15 MHz	1	1	
21.99	21.82	21.99	22.5			1	40	
21.86	21.83	21.85	22.5			1	77	
21.35	21.33	21.43	22			36	0	
21.99	21.98	22.01	22.5			36	22	
21.51	21.30	21.33	22			36	43	
21.52	21.52	21.42	22			75	0	
22.04	21.85	21.86	22.5	DFT-S QPSK		1	1	
21.80	22.06	22.09	22.5			1	40	
21.94	21.92	22.02	22.5			1	77	
20.83	21.00	20.87	21.5			36	0	
21.97	21.94	21.87	22.5			36	22	
20.96	20.91	20.84	21.5			36	43	
21.01	20.84	20.82	21.5			75	0	
21.04	20.95	20.99	21.5	DFT-S 16QAM	1	1		
19.59	19.44	19.39	20	DFT-S 64QAM	1	1		
17.45	17.51	17.30	18	DFT-S 256QAM	1	1		
20.38	20.32	20.50	21	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)				
21.91	21.99	21.94	22.5	DFT-S $\pi/2$ BPSK	10 MHz	1	1
21.93	21.84	21.96	22.5			1	26
21.94	22.10	22.03	22.5			1	50
21.55	21.37	21.35	22			25	0
21.87	21.82	21.83	22.5			25	14
21.56	21.49	21.33	22			25	27
21.58	21.57	21.59	22			50	0
21.94	21.86	21.83	22.5	DFT-S QPSK		1	1
22.04	22.03	21.87	22.5			1	26
21.81	22.07	22.08	22.5			1	50
20.93	21.10	20.98	21.5			25	0
21.82	21.99	21.95	22.5			25	14
20.83	20.88	21.03	21.5			25	27
20.99	21.08	20.92	21.5			50	0
20.88	21.02	20.95	21.5	DFT-S 16QAM	1	1	
19.31	19.44	19.58	20	DFT-S 64QAM	1	1	
17.42	17.36	17.42	18	DFT-S 256QAM	1	1	
20.32	20.37	20.58	21	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)					
22.02	21.89	21.84	22.5	DFT-S $\pi/2$ BPSK	5 MHz	1	1	
21.89	21.95	21.97	22.5			1	13	
21.83	21.81	21.92	22.5			1	23	
21.42	21.52	21.52	22			12	0	
21.87	21.89	22.06	22.5			12	7	
21.39	21.49	21.51	22			12	13	
21.34	21.59	21.41	22			25	0	
21.87	21.92	21.91	22.5	DFT-S QPSK		1	1	
22.04	21.99	22.08	22.5			1	13	
22.07	22.04	21.97	22.5			1	23	
20.83	21.00	21.03	21.5			12	0	
22.01	21.86	22.03	22.5			12	7	
21.07	20.97	20.86	21.5			12	13	
20.90	20.81	20.89	21.5			25	0	
20.94	20.89	20.99	21.5	DFT-S 16QAM	1	1		
19.45	19.33	19.57	20	DFT-S 64QAM	1	1		
17.59	17.48	17.33	18	DFT-S 256QAM	1	1		
20.31	20.55	20.50	21	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	
23.79	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)				
18.20	18.12	18.15	18.5	DFT-S $\pi/2$ BPSK	20 MHz	1	1
18.15	18.13	18.19	18.5			1	53
18.15	18.10	18.12	18.5			1	104
17.61	17.67	17.60	18			50	0
18.13	18.19	18.16	18.5			50	28
17.61	17.62	17.61	18			50	56
17.69	17.67	17.69	18			100	0
18.37	18.41	18.39	18.5	DFT-S QPSK		1	1
18.14	18.17	18.16	18.5			1	53
18.11	18.12	18.16	18.5			1	104
17.18	17.20	17.13	17.5			50	0
18.35	18.39	18.30	18.5			50	28
17.13	17.16	17.14	17.5			50	56
17.31	17.39	17.32	17.5			100	0
17.10	17.13	17.18	17.5	DFT-S 16QAM	1	1	
15.70	15.61	15.69	16	DFT-S 64QAM	1	1	
13.70	13.66	13.68	14	DFT-S 256QAM	1	1	
16.69	16.65	16.62	17	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)					
17.96	18.08	17.97	18.5	DFT-S $\pi/2$ BPSK	15 MHz	1	1	
18.08	17.98	18.03	18.5			1	40	
17.84	18.01	17.94	18.5			1	77	
17.51	17.35	17.30	18			36	0	
18.05	18.08	17.85	18.5			36	22	
17.30	17.52	17.59	18			36	43	
17.54	17.38	17.34	18			75	0	
17.91	17.85	17.92	18.5	DFT-S QPSK		1	1	
17.82	17.85	18.10	18.5			1	40	
17.87	17.96	17.93	18.5			1	77	
17.05	17.01	16.89	17.5			36	0	
18.09	17.91	18.05	18.5			36	22	
16.80	16.82	16.98	17.5			36	43	
17.06	16.83	16.91	17.5			75	0	
17.07	17.04	16.93	17.5	DFT-S 16QAM	1	1		
15.40	15.56	15.32	16	DFT-S 64QAM	1	1		
13.31	13.52	13.60	14	DFT-S 256QAM	1	1		
16.34	16.39	16.44	17	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)				
17.81	17.84	17.86	18.5	DFT-S $\pi/2$ BPSK	10 MHz	1	1
18.00	17.88	17.85	18.5			1	26
17.89	17.90	17.88	18.5			1	50
17.34	17.31	17.36	18			25	0
18.09	17.80	17.86	18.5			25	14
17.45	17.43	17.40	18			25	27
17.40	17.49	17.59	18			50	0
17.88	17.80	17.95	18.5	DFT-S QPSK		1	1
18.09	18.03	18.02	18.5			1	26
17.82	17.87	17.97	18.5			1	50
16.97	16.93	17.02	17.5			25	0
17.87	18.08	17.87	18.5			25	14
17.07	17.06	17.02	17.5			25	27
16.94	16.88	17.05	17.5			50	0
16.93	16.90	17.08	17.5	DFT-S 16QAM	1	1	
15.56	15.47	15.54	16	DFT-S 64QAM	1	1	
13.60	13.59	13.55	14	DFT-S 256QAM	1	1	
16.43	16.58	16.43	17	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)					
18.08	18.06	18.01	18.5	DFT-S $\pi/2$ BPSK	5 MHz	1	1	
17.88	18.10	17.89	18.5			1	13	
17.87	18.04	18.09	18.5			1	23	
17.41	17.40	17.34	18			12	0	
17.80	17.86	17.97	18.5			12	7	
17.49	17.53	17.52	18			12	13	
17.52	17.36	17.55	18			25	0	
18.04	18.01	17.84	18.5	DFT-S QPSK		1	1	
18.08	17.87	17.89	18.5			1	13	
17.80	17.92	17.94	18.5			1	23	
16.83	16.96	16.87	17.5			12	0	
17.84	17.92	17.80	18.5			12	7	
17.01	16.81	17.03	17.5			12	13	
17.08	16.89	16.92	17.5			25	0	
17.04	17.06	17.01	17.5	DFT-S 16QAM	1	1		
15.41	15.35	15.58	16	DFT-S 64QAM	1	1		
13.60	13.56	13.56	14	DFT-S 256QAM	1	1		
16.55	16.32	16.31	17	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	
23.08	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 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 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 n14 Ant 1					
Maximum Average Power (dBm)	Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
158600	Channel				
793	Frequency (MHz)				
23.63	24	DFT-S $\pi/2$ BPSK	10 MHz	1	1
23.67	24			1	26
23.60	24			1	50
23.14	23.5			25	0
23.70	24			25	14
23.18	23.5			25	27
23.11	23.5			50	0
23.89	24	DFT-S QPSK		1	1
23.62	24			1	26
23.61	24			1	50
22.61	23			25	0
23.84	24			25	14
22.61	23			25	27
22.85	23			50	0
22.69	23	DFT-S 16QAM	1	1	
21.11	21.5	DFT-S 64QAM	1	1	
19.10	19.5	DFT-S 256QAM	1	1	
22.10	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	
158100	158600	159100	Channel					
790.5	793	795.5	Frequency (MHz)					
23.32	23.32	23.42	24	DFT-S $\pi/2$ BPSK	5 MHz	1	1	
23.32	23.40	23.33	24			1	13	
23.36	23.59	23.48	24			1	23	
22.88	23.01	22.92	23.5			12	0	
23.49	23.43	23.32	24			12	7	
22.88	22.97	22.88	23.5			12	13	
23.10	22.84	22.92	23.5			25	0	
23.40	23.53	23.49	24	DFT-S QPSK		1	1	
23.40	23.59	23.34	24			1	13	
23.35	23.41	23.53	24			1	23	
22.32	22.35	22.59	23			12	0	
23.36	23.57	23.54	24			12	7	
22.46	22.33	22.39	23			12	13	
22.49	22.44	22.51	23			25	0	
22.41	22.38	22.42	23		DFT-S 16QAM	1	1	
20.86	20.98	20.84	21.5	DFT-S 64QAM	1	1		
19.09	19.07	18.99	19.5	DFT-S 256QAM	1	1		
21.90	21.83	21.98	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	
372000	376500	381000	Channel					
1860	1882.5	1905	Frequency (MHz)					
22.11	22.17	22.17	22.5	DFT-S $\pi/2$ BPSK	20 MHz	1	1	
22.17	22.11	22.14	22.5			1	53	
22.20	22.13	22.19	22.5			1	104	
21.66	21.70	21.69	22			50	0	
22.20	22.15	22.14	22.5			50	28	
21.70	21.62	21.69	22			50	56	
21.65	21.69	21.68	22			100	0	
22.35	22.44	22.40	22.5	DFT-S QPSK		1	1	
22.13	22.20	22.18	22.5			1	53	
22.15	22.11	22.15	22.5			1	104	
21.17	21.15	21.13	21.5			50	0	
22.31	22.39	22.35	22.5			50	28	
21.20	21.10	21.15	21.5			50	56	
21.33	21.37	21.35	21.5			100	0	
21.16	21.14	21.15	21.5	DFT-S 16QAM	1	1		
19.63	19.69	19.64	20	DFT-S 64QAM	1	1		
17.63	17.70	17.68	18	DFT-S 256QAM	1	1		
20.64	20.60	20.64	21	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)					
22.01	22.00	21.81	22.5	DFT-S $\pi/2$ BPSK	15 MHz	1	1	
22.08	22.10	22.08	22.5			1	40	
21.80	22.00	21.82	22.5			1	77	
21.56	21.56	21.39	22			36	0	
22.07	22.03	22.03	22.5			36	22	
21.50	21.38	21.49	22			36	43	
21.51	21.32	21.48	22			75	0	
21.88	21.83	21.96	22.5	DFT-S QPSK		1	1	
21.92	21.94	22.10	22.5			1	40	
21.85	22.00	22.03	22.5			1	77	
21.10	21.07	20.83	21.5			36	0	
21.87	22.04	22.00	22.5			36	22	
20.82	21.04	21.03	21.5			36	43	
20.89	20.87	20.88	21.5			75	0	
20.85	21.05	21.00	21.5	DFT-S 16QAM	1	1		
19.57	19.51	19.47	20	DFT-S 64QAM	1	1		
17.36	17.57	17.60	18	DFT-S 256QAM	1	1		
20.53	20.34	20.44	21	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)					
21.82	21.93	21.91	22.5	DFT-S $\pi/2$ BPSK	10 MHz	1	1	
21.85	21.93	21.85	22.5			1	26	
22.10	21.84	21.90	22.5			1	50	
21.57	21.47	21.54	22			25	0	
21.95	21.94	21.88	22.5			25	14	
21.34	21.38	21.48	22			25	27	
21.30	21.57	21.41	22			50	0	
22.07	21.83	21.89	22.5	DFT-S QPSK		1	1	
22.04	21.88	22.01	22.5			1	26	
22.02	22.05	21.80	22.5			1	50	
20.92	20.92	20.94	21.5			25	0	
22.06	21.98	22.01	22.5			25	14	
20.90	20.93	20.93	21.5			25	27	
20.80	20.87	21.06	21.5			50	0	
20.83	21.02	20.82	21.5	DFT-S 16QAM	1	1		
19.57	19.43	19.31	20	DFT-S 64QAM	1	1		
17.48	17.30	17.49	18	DFT-S 256QAM	1	1		
20.50	20.56	20.32	21	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)					
21.84	22.05	22.02	22.5	DFT-S $\pi/2$ BPSK	5 MHz	1	1	
21.97	22.06	22.10	22.5			1	13	
22.03	21.84	21.80	22.5			1	23	
21.31	21.49	21.39	22			12	0	
21.94	21.86	21.96	22.5			12	7	
21.32	21.50	21.30	22			12	13	
21.43	21.42	21.47	22			25	0	
22.00	21.91	21.94	22.5	DFT-S QPSK		1	1	
22.05	21.80	21.99	22.5			1	13	
21.82	21.85	22.00	22.5			1	23	
21.04	21.01	20.93	21.5			12	0	
21.84	21.83	22.02	22.5			12	7	
20.95	20.97	20.96	21.5			12	13	
20.92	20.87	20.82	21.5			25	0	
20.99	20.87	20.93	21.5	DFT-S 16QAM	1	1		
19.55	19.54	19.52	20	DFT-S 64QAM	1	1		
17.34	17.48	17.58	18	DFT-S 256QAM	1	1		
20.46	20.56	20.59	21	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)				
18.13	18.5	DFT-S $\pi/2$ BPSK	10 MHz	1	1
18.14	18.5			1	26
18.20	18.5			1	50
17.63	18			25	0
18.14	18.5			25	14
17.65	18			25	27
17.68	18			50	0
18.37	18.5	DFT-S QPSK		1	1
18.18	18.5			1	26
18.19	18.5			1	50
17.19	17.5			25	0
18.34	18.5			25	14
17.10	17.5			25	27
17.34	17.5			50	0
17.20	17.5	DFT-S 16QAM	1	1	
15.68	16	DFT-S 64QAM	1	1	
13.64	14	DFT-S 256QAM	1	1	
16.69	17	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)					
17.81	17.84	17.95	18.5	DFT-S $\pi/2$ BPSK	5 MHz	1	1	
17.90	18.01	18.00	18.5			1	13	
17.86	18.03	17.83	18.5			1	23	
17.56	17.31	17.38	18			12	0	
17.91	18.08	17.90	18.5			12	7	
17.53	17.49	17.45	18			12	13	
17.48	17.43	17.59	18			25	0	
17.80	18.10	17.81	18.5	DFT-S QPSK		1	1	
17.95	17.81	17.81	18.5			1	13	
17.97	18.07	17.82	18.5			1	23	
17.01	16.82	17.09	17.5			12	0	
17.87	17.88	17.81	18.5			12	7	
17.03	17.04	16.89	17.5			12	13	
16.94	16.91	16.91	17.5			25	0	
17.10	17.02	17.00	17.5	DFT-S 16QAM	1	1		
15.38	15.54	15.30	16	DFT-S 64QAM	1	1		
13.42	13.53	13.52	14	DFT-S 256QAM	1	1		
16.43	16.60	16.57	17	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)					
23.10	23.15	23.13	23.5	DFT-S $\pi/2$ BPSK	20 MHz	1	1	
23.19	23.20	23.20	23.5			1	53	
23.14	23.15	23.13	23.5			1	104	
22.62	22.69	22.65	23			50	0	
23.10	23.18	23.14	23.5			50	28	
22.65	22.64	22.62	23			50	56	
22.70	22.60	22.64	23			100	0	
23.40	23.41	23.40	23.5	DFT-S QPSK		1	1	
23.16	23.13	23.17	23.5			1	53	
23.13	23.11	23.11	23.5			1	104	
22.15	22.13	22.15	22.5			50	0	
23.31	23.40	23.35	23.5			50	28	
22.19	22.18	22.19	22.5			50	56	
22.28	22.39	22.37	22.5			100	0	
22.16	22.11	22.16	22.5	DFT-S 16QAM	1	1		
20.70	20.62	20.69	21	DFT-S 64QAM	1	1		
18.64	18.70	18.60	19	DFT-S 256QAM	1	1		
21.70	21.65	21.65	22	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)					
23.09	22.96	22.98	23.5	DFT-S $\pi/2$ BPSK	15 MHz	1	1	
23.05	23.04	22.97	23.5			1	40	
22.88	22.88	22.83	23.5			1	77	
22.47	22.47	22.32	23			36	0	
22.98	23.01	22.97	23.5			36	22	
22.60	22.45	22.33	23			36	43	
22.47	22.48	22.55	23			75	0	
23.09	23.06	23.01	23.5	DFT-S QPSK		1	1	
22.80	23.02	22.95	23.5			1	40	
23.01	22.99	23.02	23.5			1	77	
21.92	22.05	22.06	22.5			36	0	
22.82	23.09	22.94	23.5			36	22	
22.01	21.89	21.98	22.5			36	43	
21.98	22.10	22.09	22.5			75	0	
22.07	21.92	21.96	22.5	DFT-S 16QAM	1	1		
20.60	20.55	20.42	21	DFT-S 64QAM	1	1		
18.55	18.55	18.49	19	DFT-S 256QAM	1	1		
21.44	21.48	21.40	22	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)					
22.92	23.05	23.04	23.5	DFT-S $\pi/2$ BPSK	10 MHz	1	1	
22.92	23.07	22.85	23.5			1	26	
23.08	22.96	23.05	23.5			1	50	
22.30	22.33	22.30	23			25	0	
22.94	23.03	22.92	23.5			25	14	
22.39	22.30	22.45	23			25	27	
22.33	22.57	22.46	23			50	0	
22.83	22.87	22.91	23.5	DFT-S QPSK		1	1	
22.94	23.08	22.97	23.5			1	26	
22.91	23.09	23.03	23.5			1	50	
21.88	21.98	21.87	22.5			25	0	
23.01	23.01	22.83	23.5			25	14	
22.06	21.93	21.90	22.5			25	27	
22.01	21.97	21.93	22.5			50	0	
22.07	22.03	22.01	22.5	DFT-S 16QAM	1	1		
20.57	20.39	20.44	21	DFT-S 64QAM	1	1		
18.36	18.32	18.44	19	DFT-S 256QAM	1	1		
21.56	21.51	21.56	22	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)					
22.90	23.00	23.07	23.5	DFT-S $\pi/2$ BPSK	5 MHz	1	1	
22.97	22.87	22.92	23.5			1	13	
22.91	23.03	22.82	23.5			1	23	
22.40	22.42	22.49	23			12	0	
22.93	22.91	22.84	23.5			12	7	
22.32	22.59	22.59	23			12	13	
22.48	22.30	22.42	23			25	0	
22.98	22.97	23.06	23.5	DFT-S QPSK		1	1	
23.06	23.03	22.80	23.5			1	13	
23.00	23.09	22.98	23.5			1	23	
21.97	21.87	22.06	22.5			12	0	
22.95	22.99	22.80	23.5			12	7	
21.90	21.82	21.92	22.5			12	13	
22.05	21.81	22.00	22.5			25	0	
21.88	21.80	21.95	22.5		DFT-S 16QAM	1	1	
20.60	20.36	20.58	21	DFT-S 64QAM	1	1		
18.58	18.30	18.44	19	DFT-S 256QAM	1	1		
21.49	21.57	21.43	22	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 n2 Ant 2							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
372000	376000	380000	Channel				
1860	1880	1900	Frequency (MHz)				
21.20	21.16	21.20	21.5	DFT-S $\pi/2$ BPSK	20 MHz	1	1
21.17	21.20	21.20	21.5			1	53
21.14	21.13	21.19	21.5			1	104
20.60	20.62	20.67	21			50	0
21.18	21.13	21.19	21.5			50	28
20.62	20.64	20.65	21			50	56
20.65	20.64	20.61	21			100	0
21.38	21.44	21.35	21.5	DFT-S QPSK		1	1
21.13	21.11	21.17	21.5			1	53
21.18	21.16	21.20	21.5			1	104
20.11	20.16	20.14	20.5			50	0
21.31	21.40	21.37	21.5			50	28
20.19	20.19	20.17	20.5			50	56
20.34	20.38	20.35	20.5			100	0
20.13	20.13	20.18	20.5	DFT-S 16QAM	1	1	
18.63	18.62	18.64	19	DFT-S 64QAM	1	1	
16.69	16.64	16.68	17	DFT-S 256QAM	1	1	
19.60	19.64	19.60	20	CP QPSK	1	1	

NR Band n2 Ant 2								
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)					
20.97	20.90	20.94	21.5	DFT-S $\pi/2$ BPSK	15 MHz	1	1	
21.09	21.07	20.90	21.5			1	40	
20.90	20.84	20.93	21.5			1	77	
20.31	20.32	20.44	21			36	0	
20.85	21.09	20.84	21.5			36	22	
20.39	20.54	20.42	21			36	43	
20.51	20.57	20.33	21			75	0	
20.91	21.01	20.86	21.5	DFT-S QPSK		1	1	
21.10	20.93	20.98	21.5			1	40	
20.96	20.97	21.05	21.5			1	77	
19.92	19.87	20.06	20.5			36	0	
21.02	20.91	21.08	21.5			36	22	
19.95	19.87	20.10	20.5			36	43	
20.02	19.91	20.08	20.5			75	0	
19.97	19.80	19.94	20.5	DFT-S 16QAM	1	1		
18.34	18.59	18.38	19	DFT-S 64QAM	1	1		
16.56	16.47	16.54	17	DFT-S 256QAM	1	1		
19.54	19.33	19.60	20	CP QPSK	1	1		

NR Band n2 Ant 2							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
371000	376000	381000	Channel				
1855	1880	1905	Frequency (MHz)				
20.87	21.08	20.94	21.5	DFT-S $\pi/2$ BPSK	10 MHz	1	1
21.09	20.99	20.81	21.5			1	26
20.97	20.86	20.90	21.5			1	50
20.60	20.52	20.42	21			25	0
21.06	20.84	20.98	21.5			25	14
20.57	20.40	20.60	21			25	27
20.50	20.38	20.54	21			50	0
21.05	21.05	20.93	21.5	DFT-S QPSK		1	1
21.02	21.06	21.02	21.5			1	26
20.85	21.02	21.08	21.5			1	50
19.99	19.95	20.09	20.5			25	0
21.06	20.85	20.95	21.5			25	14
19.99	19.90	19.96	20.5			25	27
19.83	19.85	19.87	20.5			50	0
19.89	19.96	19.92	20.5	DFT-S 16QAM	1	1	
18.31	18.48	18.53	19	DFT-S 64QAM	1	1	
16.45	16.53	16.34	17	DFT-S 256QAM	1	1	
19.59	19.30	19.48	20	CP QPSK	1	1	

NR Band n2 Ant 2								
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)					
20.89	21.08	21.04	21.5	DFT-S $\pi/2$ BPSK	5 MHz	1	1	
20.87	20.81	21.06	21.5			1	13	
20.88	20.93	20.99	21.5			1	23	
20.38	20.56	20.46	21			12	0	
20.92	21.10	20.99	21.5			12	7	
20.42	20.59	20.57	21			12	13	
20.55	20.45	20.53	21			25	0	
20.83	21.03	20.87	21.5	DFT-S QPSK		1	1	
21.00	20.99	20.96	21.5			1	13	
20.87	20.81	20.95	21.5			1	23	
20.01	19.87	19.82	20.5			12	0	
20.91	20.89	20.86	21.5			12	7	
19.99	20.09	20.01	20.5			12	13	
19.83	20.05	19.90	20.5			25	0	
19.87	20.08	20.01	20.5	DFT-S 16QAM	1	1		
18.46	18.53	18.55	19	DFT-S 64QAM	1	1		
16.43	16.31	16.53	17	DFT-S 256QAM	1	1		
19.44	19.55	19.48	20	CP QPSK	1	1		

NR Band n7 Ant 2								
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset	
502000	507000	512000	Channel					
2510	2535	2560	Frequency (MHz)					
20.13	20.13	20.10	20.5	DFT-S $\pi/2$ BPSK	20 MHz	1	1	
20.17	20.10	20.17	20.5			1	53	
20.10	20.11	20.12	20.5			1	104	
19.70	19.62	19.63	20			50	0	
20.14	20.15	20.13	20.5			50	28	
19.70	19.68	19.65	20			50	56	
19.67	19.67	19.64	20			100	0	
20.37	20.44	20.42	20.5	DFT-S QPSK		1	1	
20.13	20.12	20.19	20.5			1	53	
20.16	20.16	20.15	20.5			1	104	
19.20	19.19	19.20	19.5			50	0	
20.35	20.38	20.33	20.5			50	28	
19.13	19.10	19.10	19.5			50	56	
19.35	19.41	19.39	19.5			100	0	
19.13	19.14	19.11	19.5	DFT-S 16QAM	1	1		
17.63	17.63	17.68	18	DFT-S 64QAM	1	1		
15.60	15.68	15.61	16	DFT-S 256QAM	1	1		
18.61	18.62	18.69	19	CP QPSK	1	1		



NR Band n7 Ant 2								
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)					
19.83	19.87	19.84	20.5	DFT-S $\pi/2$ BPSK	15 MHz	1	1	
19.91	19.93	19.87	20.5			1	40	
20.00	20.04	19.96	20.5			1	77	
19.56	19.43	19.34	20			36	0	
20.05	19.98	19.92	20.5			36	22	
19.57	19.38	19.59	20			36	43	
19.48	19.60	19.30	20			75	0	
19.83	19.86	19.85	20.5	DFT-S QPSK		1	1	
19.89	19.89	20.08	20.5			1	40	
20.06	19.88	20.08	20.5			1	77	
19.08	19.10	18.89	19.5			36	0	
19.95	20.10	19.83	20.5			36	22	
19.07	18.85	18.98	19.5			36	43	
19.06	18.84	19.08	19.5			75	0	
18.97	19.02	18.89	19.5	DFT-S 16QAM	1	1		
17.41	17.32	17.31	18	DFT-S 64QAM	1	1		
15.30	15.58	15.31	16	DFT-S 256QAM	1	1		
18.34	18.36	18.51	19	CP QPSK	1	1		

NR Band n7 Ant 2							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
501000	507000	513000	Channel				
2505	2535	2565	Frequency (MHz)				
20.07	20.02	20.09	20.5	DFT-S $\pi/2$ BPSK	10 MHz	1	1
20.07	19.92	19.81	20.5			1	26
19.88	20.00	19.84	20.5			1	50
19.46	19.30	19.34	20			25	0
19.84	19.86	19.99	20.5			25	14
19.47	19.54	19.56	20			25	27
19.43	19.34	19.47	20			50	0
19.99	19.90	19.98	20.5	DFT-S QPSK		1	1
19.98	20.02	19.92	20.5			1	26
19.96	19.88	20.00	20.5			1	50
18.85	19.10	19.02	19.5			25	0
19.91	19.96	19.99	20.5			25	14
18.80	19.01	19.05	19.5			25	27
18.82	18.95	18.94	19.5			50	0
18.92	18.86	18.95	19.5	DFT-S 16QAM	1	1	
17.46	17.52	17.35	18	DFT-S 64QAM	1	1	
15.45	15.52	15.48	16	DFT-S 256QAM	1	1	
18.55	18.34	18.30	19	CP QPSK	1	1	

NR Band n7 Ant 2								
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)					
20.05	19.99	20.05	20.5	DFT-S $\pi/2$ BPSK	5 MHz	1	1	
19.99	19.93	20.10	20.5			1	13	
19.99	20.04	20.02	20.5			1	23	
19.59	19.36	19.44	20			12	0	
19.81	19.97	20.02	20.5			12	7	
19.33	19.49	19.51	20			12	13	
19.35	19.56	19.55	20			25	0	
19.92	19.95	19.94	20.5	DFT-S QPSK		1	1	
19.85	20.00	19.90	20.5			1	13	
19.99	20.10	19.99	20.5			1	23	
18.90	18.98	18.97	19.5			12	0	
19.87	19.92	19.98	20.5			12	7	
19.10	19.02	18.94	19.5			12	13	
19.03	18.87	19.05	19.5			25	0	
19.00	18.95	19.07	19.5	DFT-S 16QAM	1	1		
17.31	17.46	17.54	18	DFT-S 64QAM	1	1		
15.44	15.41	15.44	16	DFT-S 256QAM	1	1		
18.50	18.35	18.46	19	CP QPSK	1	1		

NR Band n25 Ant 2								
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)					
21.10	21.17	21.10	21.5	DFT-S $\pi/2$ BPSK	20 MHz	1	1	
21.20	21.10	21.13	21.5			1	53	
21.11	21.16	21.18	21.5			1	104	
20.69	20.65	20.69	21			50	0	
21.16	21.13	21.10	21.5			50	28	
20.69	20.66	20.67	21			50	56	
20.68	20.62	20.67	21			100	0	
21.38	21.42	21.37	21.5	DFT-S QPSK		1	1	
21.17	21.11	21.19	21.5			1	53	
21.19	21.11	21.17	21.5			1	104	
20.15	20.15	20.13	20.5			50	0	
21.33	21.40	21.31	21.5			50	28	
20.11	20.18	20.11	20.5			50	56	
20.18	20.25	20.16	20.5			100	0	
20.15	20.11	20.17	20.5	DFT-S 16QAM	1	1		
18.63	18.64	18.63	19	DFT-S 64QAM	1	1		
16.67	16.62	16.64	17	DFT-S 256QAM	1	1		
19.65	19.70	19.61	20	CP QPSK	1	1		

NR Band n25 Ant 2								
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)					
21.03	20.95	21.08	21.5	DFT-S $\pi/2$ BPSK	15 MHz	1	1	
20.90	21.10	20.93	21.5			1	40	
21.06	20.87	20.90	21.5			1	77	
20.35	20.37	20.50	21			36	0	
21.10	20.83	20.90	21.5			36	22	
20.43	20.34	20.46	21			36	43	
20.32	20.33	20.48	21			75	0	
20.99	20.92	20.97	21.5	DFT-S QPSK		1	1	
21.08	21.08	21.03	21.5			1	40	
20.96	20.93	20.86	21.5			1	77	
19.81	20.10	19.94	20.5			36	0	
20.86	21.10	20.82	21.5			36	22	
19.94	20.03	19.97	20.5			36	43	
19.95	19.82	19.98	20.5			75	0	
20.05	20.09	19.84	20.5	DFT-S 16QAM	1	1		
18.34	18.49	18.42	19	DFT-S 64QAM	1	1		
16.39	16.40	16.45	17	DFT-S 256QAM	1	1		
19.48	19.49	19.52	20	CP QPSK	1	1		

NR Band n25 Ant 2								
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)					
20.88	21.03	21.03	21.5	DFT-S $\pi/2$ BPSK	10 MHz	1	1	
21.08	20.89	20.88	21.5			1	26	
20.95	21.00	20.91	21.5			1	50	
20.55	20.54	20.51	21			25	0	
20.84	21.07	21.06	21.5			25	14	
20.51	20.49	20.51	21			25	27	
20.55	20.53	20.58	21			50	0	
20.93	21.04	20.92	21.5	DFT-S QPSK		1	1	
20.93	20.88	20.84	21.5			1	26	
20.92	20.95	20.92	21.5			1	50	
20.06	19.85	20.08	20.5			25	0	
20.92	20.80	20.81	21.5			25	14	
20.08	19.86	20.03	20.5			25	27	
19.83	19.90	19.81	20.5			50	0	
20.10	20.04	19.80	20.5	DFT-S 16QAM	1	1		
18.55	18.33	18.50	19	DFT-S 64QAM	1	1		
16.41	16.59	16.38	17	DFT-S 256QAM	1	1		
19.48	19.33	19.58	20	CP QPSK	1	1		

NR Band n25 Ant 2								
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)					
20.81	21.04	21.00	21.5	DFT-S $\pi/2$ BPSK	5 MHz	1	1	
21.04	20.80	21.05	21.5			1	13	
21.02	20.83	20.86	21.5			1	23	
20.55	20.33	20.44	21			12	0	
20.91	20.91	21.03	21.5			12	7	
20.34	20.33	20.47	21			12	13	
20.53	20.60	20.52	21			25	0	
20.96	20.82	20.88	21.5	DFT-S QPSK		1	1	
20.85	20.97	20.93	21.5			1	13	
20.89	21.06	20.97	21.5			1	23	
19.88	19.89	20.02	20.5			12	0	
20.88	20.91	21.02	21.5			12	7	
20.07	19.89	20.00	20.5			12	13	
20.10	19.91	19.98	20.5			25	0	
20.06	20.02	19.99	20.5	DFT-S 16QAM	1	1		
18.46	18.46	18.38	19	DFT-S 64QAM	1	1		
16.36	16.34	16.57	17	DFT-S 256QAM	1	1		
19.38	19.55	19.43	20	CP QPSK	1	1		

NR Band n30 Ant 2					
Maximum Average Power (dBm)	Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
462000	Channel				
2310	Frequency (MHz)				
20.13	20.5	DFT-S $\pi/2$ BPSK	10 MHz	1	1
20.10	20.5			1	26
20.10	20.5			1	50
19.64	20			25	0
20.15	20.5			25	14
19.61	20			25	27
19.70	20			50	0
20.43	20.5	DFT-S QPSK		1	1
20.17	20.5			1	26
20.11	20.5			1	50
19.19	19.5			25	0
20.31	20.5			25	14
19.20	19.5			25	27
19.33	19.5			50	0
19.12	19.5	DFT-S 16QAM	1	1	
17.66	18	DFT-S 64QAM	1	1	
15.64	16	DFT-S 256QAM	1	1	
18.62	19	CP QPSK	1	1	



NR Band n30 Ant 2								
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)					
19.87	19.98	19.99	20.5	DFT-S $\pi/2$ BPSK	5 MHz	1	1	
19.94	19.84	19.93	20.5			1	13	
19.81	20.05	20.08	20.5			1	23	
19.31	19.33	19.54	20			12	0	
19.94	19.94	20.07	20.5			12	7	
19.42	19.53	19.57	20			12	13	
19.32	19.56	19.38	20			25	0	
20.04	20.04	19.92	20.5	DFT-S QPSK		1	1	
19.93	19.80	20.06	20.5			1	13	
19.82	19.94	20.05	20.5			1	23	
18.92	18.91	18.96	19.5			12	0	
19.83	19.95	20.05	20.5			12	7	
18.97	18.91	18.81	19.5			12	13	
18.83	18.94	18.93	19.5			25	0	
18.88	19.10	19.03	19.5	DFT-S 16QAM	1	1		
17.55	17.58	17.60	18	DFT-S 64QAM	1	1		
15.33	15.57	15.37	16	DFT-S 256QAM	1	1		
18.35	18.56	18.37	19	CP QPSK	1	1		

NR Band n66 Ant 2								
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset	
344000	349000	354000	Channel					
1720	1745	1770	Frequency (MHz)					
23.20	23.11	23.10	23.5	DFT-S $\pi/2$ BPSK	20 MHz	1	1	
23.17	23.19	23.15	23.5			1	53	
23.11	23.18	23.14	23.5			1	104	
22.69	22.62	22.63	23			50	0	
23.18	23.15	23.13	23.5			50	28	
22.61	22.62	22.65	23			50	56	
22.67	22.66	22.70	23			100	0	
23.35	23.43	23.37	23.5	DFT-S QPSK		1	1	
23.16	23.19	23.12	23.5			1	53	
23.20	23.20	23.13	23.5			1	104	
22.14	22.18	22.10	22.5			50	0	
23.36	23.40	23.37	23.5			50	28	
22.15	22.10	22.19	22.5			50	56	
22.33	22.37	22.34	22.5			100	0	
22.20	22.18	22.19	22.5	DFT-S 16QAM	1	1		
20.68	20.65	20.69	21	DFT-S 64QAM	1	1		
18.65	18.66	18.64	19	DFT-S 256QAM	1	1		
21.62	21.63	21.70	22	CP QPSK	1	1		

NR Band n66 Ant 2								
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)					
22.88	22.98	22.88	23.5	DFT-S $\pi/2$ BPSK	15 MHz	1	1	
22.93	23.02	22.89	23.5			1	40	
23.06	23.00	23.06	23.5			1	77	
22.47	22.33	22.37	23			36	0	
22.94	22.87	22.93	23.5			36	22	
22.52	22.33	22.41	23			36	43	
22.41	22.49	22.43	23			75	0	
23.09	22.98	22.85	23.5	DFT-S QPSK		1	1	
22.99	23.06	22.83	23.5			1	40	
22.83	22.93	22.94	23.5			1	77	
22.06	21.84	22.07	22.5			36	0	
22.80	23.09	22.86	23.5			36	22	
22.02	22.10	22.04	22.5			36	43	
22.10	22.09	21.80	22.5			75	0	
22.04	22.07	22.07	22.5	DFT-S 16QAM	1	1		
20.50	20.39	20.45	21	DFT-S 64QAM	1	1		
18.35	18.38	18.59	19	DFT-S 256QAM	1	1		
21.57	21.47	21.60	22	CP QPSK	1	1		

NR Band n66 Ant 2								
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset	
343000	349000	355000	Channel					
1715	1745	1775	Frequency (MHz)					
22.88	22.99	22.98	23.5	DFT-S $\pi/2$ BPSK	10 MHz	1	1	
22.94	23.04	23.10	23.5			1	26	
22.86	23.06	22.96	23.5			1	50	
22.39	22.56	22.47	23			25	0	
22.98	23.07	23.10	23.5			25	14	
22.40	22.34	22.52	23			25	27	
22.43	22.41	22.42	23			50	0	
22.85	23.03	22.86	23.5	DFT-S QPSK		1	1	
22.96	22.90	22.89	23.5			1	26	
22.80	22.88	23.09	23.5			1	50	
22.05	21.93	22.01	22.5			25	0	
23.03	22.90	23.07	23.5			25	14	
21.81	21.84	21.83	22.5			25	27	
21.96	22.06	21.97	22.5			50	0	
22.00	22.03	21.87	22.5	DFT-S 16QAM	1	1		
20.47	20.40	20.36	21	DFT-S 64QAM	1	1		
18.50	18.48	18.49	19	DFT-S 256QAM	1	1		
21.51	21.58	21.44	22	CP QPSK	1	1		

NR Band n66 Ant 2								
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)					
22.90	23.04	22.97	23.5	DFT-S $\pi/2$ BPSK	5 MHz	1	1	
22.89	23.10	23.03	23.5			1	13	
23.10	23.05	22.91	23.5			1	23	
22.52	22.45	22.54	23			12	0	
22.92	22.92	23.03	23.5			12	7	
22.52	22.38	22.44	23			12	13	
22.52	22.33	22.43	23			25	0	
22.96	22.93	23.06	23.5	DFT-S QPSK		1	1	
22.81	23.00	23.04	23.5			1	13	
22.94	22.86	22.94	23.5			1	23	
21.86	22.09	22.04	22.5			12	0	
22.96	23.07	22.99	23.5			12	7	
21.93	21.91	21.89	22.5			12	13	
21.88	21.99	21.96	22.5			25	0	
21.82	22.05	21.95	22.5		1	1		
20.60	20.36	20.30	21	DFT-S 64QAM	1	1		
18.35	18.35	18.38	19	DFT-S 256QAM	1	1		
21.51	21.40	21.35	22	CP QPSK	1	1		

NR Band n2 Ant 3							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
372000	376000	380000	Channel				
1860	1880	1900	Frequency (MHz)				
23.11	23.20	23.20	23.5	DFT-S $\pi/2$ BPSK	20 MHz	1	1
23.11	23.13	23.20	23.5			1	53
23.10	23.14	23.12	23.5			1	104
22.70	22.62	22.66	23			50	0
23.18	23.17	23.12	23.5			50	28
22.61	22.61	22.65	23			50	56
22.63	22.63	22.60	23			100	0
23.36	23.42	23.40	23.5	DFT-S QPSK		1	1
23.11	23.18	23.11	23.5			1	53
23.10	23.15	23.16	23.5			1	104
22.12	22.16	22.13	22.5			50	0
23.35	23.38	23.31	23.5			50	28
22.12	22.19	22.11	22.5			50	56
22.37	22.40	22.31	22.5			100	0
22.12	22.17	22.15	22.5	DFT-S 16QAM	1	1	
20.66	20.63	20.62	21	DFT-S 64QAM	1	1	
18.64	18.61	18.70	19	DFT-S 256QAM	1	1	
21.61	21.62	21.62	22	CP QPSK	1	1	

NR Band n2 Ant 3								
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)					
22.90	22.93	22.96	23.5	DFT-S $\pi/2$ BPSK	15 MHz	1	1	
23.05	22.92	22.97	23.5			1	40	
23.00	22.98	23.09	23.5			1	77	
22.38	22.54	22.59	23			36	0	
22.98	22.98	22.85	23.5			36	22	
22.36	22.42	22.37	23			36	43	
22.39	22.53	22.41	23			75	0	
23.02	23.04	23.07	23.5	DFT-S QPSK		1	1	
22.96	23.03	23.00	23.5			1	40	
23.09	23.10	23.06	23.5			1	77	
21.80	21.98	21.96	22.5			36	0	
22.91	22.89	22.81	23.5			36	22	
21.95	21.86	21.87	22.5			36	43	
21.80	21.83	22.08	22.5			75	0	
21.98	22.01	21.80	22.5	DFT-S 16QAM	1	1		
20.57	20.55	20.54	21	DFT-S 64QAM	1	1		
18.48	18.43	18.30	19	DFT-S 256QAM	1	1		
21.34	21.30	21.48	22	CP QPSK	1	1		

NR Band n2 Ant 3							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
371000	376000	381000	Channel				
1855	1880	1905	Frequency (MHz)				
23.09	22.82	23.10	23.5	DFT-S $\pi/2$ BPSK	10 MHz	1	1
22.96	22.91	22.80	23.5			1	26
23.08	23.07	23.10	23.5			1	50
22.47	22.43	22.58	23			25	0
22.99	23.04	23.00	23.5			25	14
22.44	22.38	22.43	23			25	27
22.35	22.40	22.54	23			50	0
23.00	22.84	22.93	23.5	DFT-S QPSK		1	1
22.92	23.07	22.81	23.5			1	26
23.01	23.05	22.95	23.5			1	50
22.00	22.08	21.98	22.5			25	0
22.84	23.04	22.99	23.5			25	14
21.83	21.92	21.89	22.5			25	27
21.81	21.81	22.04	22.5			50	0
21.96	21.87	21.80	22.5	DFT-S 16QAM	1	1	
20.45	20.46	20.40	21	DFT-S 64QAM	1	1	
18.48	18.41	18.43	19	DFT-S 256QAM	1	1	
21.48	21.42	21.57	22	CP QPSK	1	1	



NR Band n2 Ant 3								
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)					
22.82	23.04	23.10	23.5	DFT-S $\pi/2$ BPSK	5 MHz	1	1	
23.03	22.85	22.81	23.5			1	13	
23.03	23.00	22.81	23.5			1	23	
22.59	22.49	22.34	23			12	0	
22.84	22.98	23.05	23.5			12	7	
22.56	22.35	22.48	23			12	13	
22.48	22.38	22.53	23			25	0	
22.91	22.91	23.07	23.5	DFT-S QPSK		1	1	
23.10	22.95	22.85	23.5			1	13	
22.89	23.10	22.98	23.5			1	23	
21.98	21.81	21.87	22.5			12	0	
23.07	22.84	22.98	23.5			12	7	
21.87	21.99	21.80	22.5			12	13	
21.92	21.88	21.84	22.5			25	0	
21.90	21.89	21.91	22.5	DFT-S 16QAM	1	1		
20.45	20.31	20.54	21	DFT-S 64QAM	1	1		
18.34	18.55	18.33	19	DFT-S 256QAM	1	1		
21.35	21.30	21.57	22	CP QPSK	1	1		

NR Band n7 Ant 3							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
502000	507000	512000	Channel				
2510	2535	2560	Frequency (MHz)				
17.11	17.18	17.19	17.5	DFT-S $\pi/2$ BPSK	20 MHz	1	1
17.17	17.13	17.15	17.5			1	53
17.13	17.17	17.14	17.5			1	104
16.65	16.63	16.62	17			50	0
17.19	17.18	17.12	17.5			50	28
16.65	16.67	16.66	17			50	56
16.69	16.65	16.68	17			100	0
17.43	17.44	17.35	17.5	DFT-S QPSK		1	1
17.15	17.12	17.10	17.5			1	53
17.20	17.13	17.15	17.5			1	104
16.15	16.19	16.17	16.5			50	0
17.32	17.35	17.30	17.5			50	28
16.15	16.14	16.17	16.5			50	56
16.31	16.39	16.36	16.5			100	0
16.12	16.11	16.10	16.5	DFT-S 16QAM	1	1	
14.64	14.61	14.61	15	DFT-S 64QAM	1	1	
12.65	12.64	12.64	13	DFT-S 256QAM	1	1	
15.70	15.69	15.65	16	CP QPSK	1	1	

NR Band n7 Ant 3								
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)					
16.87	17.00	17.10	17.5	DFT-S $\pi/2$ BPSK	15 MHz	1	1	
16.84	16.88	17.03	17.5			1	40	
17.04	16.81	16.80	17.5			1	77	
16.31	16.41	16.53	17			36	0	
16.96	16.92	16.82	17.5			36	22	
16.54	16.53	16.35	17			36	43	
16.37	16.51	16.46	17			75	0	
17.10	16.95	17.03	17.5	DFT-S QPSK		1	1	
17.06	16.82	16.94	17.5			1	40	
16.89	17.08	16.83	17.5			1	77	
16.05	15.83	15.95	16.5			36	0	
17.06	16.81	17.10	17.5			36	22	
16.02	16.02	15.95	16.5			36	43	
16.08	16.02	16.09	16.5			75	0	
15.90	16.10	15.85	16.5	DFT-S 16QAM	1	1		
14.57	14.48	14.47	15	DFT-S 64QAM	1	1		
12.56	12.32	12.34	13	DFT-S 256QAM	1	1		
15.40	15.30	15.43	16	CP QPSK	1	1		

NR Band n7 Ant 3							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
501000	507000	513000	Channel				
2505	2535	2565	Frequency (MHz)				
16.89	17.02	16.83	17.5	DFT-S $\pi/2$ BPSK	10 MHz	1	1
17.06	17.04	16.87	17.5			1	26
17.10	17.04	16.90	17.5			1	50
16.56	16.44	16.48	17			25	0
17.10	17.04	16.98	17.5			25	14
16.50	16.38	16.55	17			25	27
16.36	16.40	16.37	17			50	0
16.89	16.82	17.03	17.5	DFT-S QPSK		1	1
16.82	17.09	16.95	17.5			1	26
16.81	16.94	17.01	17.5			1	50
16.04	16.08	16.02	16.5			25	0
16.95	16.82	16.82	17.5			25	14
16.07	15.90	15.83	16.5			25	27
15.90	15.98	16.06	16.5			50	0
15.95	15.82	15.99	16.5	DFT-S 16QAM	1	1	
14.31	14.36	14.50	15	DFT-S 64QAM	1	1	
12.40	12.37	12.56	13	DFT-S 256QAM	1	1	
15.48	15.35	15.60	16	CP QPSK	1	1	

NR Band n7 Ant 3								
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)					
17.03	16.86	16.92	17.5	DFT-S $\pi/2$ BPSK	5 MHz	1	1	
16.88	16.84	17.07	17.5			1	13	
16.85	16.86	16.91	17.5			1	23	
16.35	16.42	16.53	17			12	0	
16.88	17.10	17.06	17.5			12	7	
16.48	16.57	16.49	17			12	13	
16.50	16.30	16.44	17			25	0	
17.08	16.80	16.86	17.5	DFT-S QPSK		1	1	
17.01	17.07	16.83	17.5			1	13	
17.03	16.85	16.93	17.5			1	23	
16.03	15.92	15.95	16.5			12	0	
16.81	16.98	17.06	17.5			12	7	
16.01	16.04	15.99	16.5			12	13	
15.99	15.88	15.95	16.5			25	0	
15.82	15.81	15.83	16.5	DFT-S 16QAM	1	1		
14.58	14.43	14.58	15	DFT-S 64QAM	1	1		
12.54	12.42	12.52	13	DFT-S 256QAM	1	1		
15.41	15.35	15.41	16	CP QPSK	1	1		

NR Band n25 Ant 3								
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)					
23.14	23.20	23.16	23.5	DFT-S $\pi/2$ BPSK	20 MHz	1	1	
23.16	23.13	23.14	23.5			1	53	
23.18	23.19	23.13	23.5			1	104	
22.63	22.63	22.62	23			50	0	
23.19	23.18	23.19	23.5			50	28	
22.64	22.64	22.60	23			50	56	
22.60	22.63	22.61	23			100	0	
23.35	23.45	23.41	23.5	DFT-S QPSK		1	1	
23.10	23.17	23.11	23.5			1	53	
23.17	23.20	23.18	23.5			1	104	
22.11	22.16	22.12	22.5			50	0	
23.33	23.36	23.34	23.5			50	28	
22.20	22.19	22.18	22.5			50	56	
22.32	22.36	22.30	22.5			100	0	
22.17	22.20	22.12	22.5	DFT-S 16QAM	1	1		
20.69	20.67	20.61	21	DFT-S 64QAM	1	1		
18.64	18.65	18.70	19	DFT-S 256QAM	1	1		
21.66	21.63	21.62	22	CP QPSK	1	1		

NR Band n25 Ant 3								
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)					
22.82	22.96	22.81	23.5	DFT-S $\pi/2$ BPSK	15 MHz	1	1	
23.00	22.80	23.03	23.5			1	40	
22.95	22.81	22.94	23.5			1	77	
22.49	22.55	22.58	23			36	0	
22.86	22.83	23.02	23.5			36	22	
22.55	22.30	22.38	23			36	43	
22.58	22.58	22.35	23			75	0	
22.82	22.85	22.90	23.5	DFT-S QPSK		1	1	
22.86	23.08	23.04	23.5			1	40	
22.86	23.10	22.90	23.5			1	77	
21.85	22.07	21.97	22.5			36	0	
23.07	22.90	23.02	23.5			36	22	
22.05	22.04	22.04	22.5			36	43	
21.83	21.93	21.81	22.5			75	0	
21.93	21.80	21.84	22.5	DFT-S 16QAM	1	1		
20.41	20.41	20.55	21	DFT-S 64QAM	1	1		
18.30	18.33	18.59	19	DFT-S 256QAM	1	1		
21.43	21.48	21.47	22	CP QPSK	1	1		

NR Band n25 Ant 3								
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)					
22.84	22.95	22.96	23.5	DFT-S $\pi/2$ BPSK	10 MHz	1	1	
22.88	22.82	23.02	23.5			1	26	
22.88	22.82	23.07	23.5			1	50	
22.41	22.56	22.55	23			25	0	
22.98	23.01	23.03	23.5			25	14	
22.56	22.44	22.59	23			25	27	
22.50	22.39	22.38	23			50	0	
22.83	22.99	22.87	23.5	DFT-S QPSK		1	1	
23.08	22.98	22.81	23.5			1	26	
22.87	22.88	22.99	23.5			1	50	
21.98	21.81	22.09	22.5			25	0	
23.00	22.90	22.99	23.5			25	14	
21.89	21.94	21.85	22.5			25	27	
21.82	21.96	21.87	22.5			50	0	
22.05	22.01	22.04	22.5	DFT-S 16QAM	1	1		
20.36	20.37	20.37	21	DFT-S 64QAM	1	1		
18.32	18.31	18.30	19	DFT-S 256QAM	1	1		
21.53	21.59	21.39	22	CP QPSK	1	1		



NR Band n25 Ant 3								
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)					
23.08	22.84	23.04	23.5	DFT-S $\pi/2$ BPSK	5 MHz	1	1	
23.04	22.88	22.91	23.5			1	13	
22.83	22.89	23.02	23.5			1	23	
22.39	22.49	22.60	23			12	0	
23.03	22.96	22.85	23.5			12	7	
22.45	22.56	22.37	23			12	13	
22.58	22.42	22.48	23			25	0	
22.87	22.83	22.88	23.5	DFT-S QPSK		1	1	
23.05	22.94	23.06	23.5			1	13	
22.86	22.98	22.84	23.5			1	23	
21.85	21.95	21.94	22.5			12	0	
23.04	23.06	22.87	23.5			12	7	
21.95	21.87	21.83	22.5			12	13	
22.10	22.09	21.83	22.5			25	0	
21.93	21.98	21.91	22.5	DFT-S 16QAM	1	1		
20.55	20.48	20.40	21	DFT-S 64QAM	1	1		
18.33	18.46	18.35	19	DFT-S 256QAM	1	1		
21.41	21.53	21.54	22	CP QPSK	1	1		

NR Band n30 Ant 3					
Maximum Average Power (dBm)	Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
462000	Channel				
2310	Frequency (MHz)				
18.20	18.5	DFT-S $\pi/2$ BPSK	10 MHz	1	1
18.17	18.5			1	26
18.14	18.5			1	50
17.70	18			25	0
18.18	18.5			25	14
17.65	18			25	27
17.66	18			50	0
18.35	18.5	DFT-S QPSK		1	1
18.12	18.5			1	26
18.16	18.5			1	50
17.15	17.5			25	0
18.33	18.5			25	14
17.16	17.5			25	27
17.33	17.5			50	0
17.11	17.5	DFT-S 16QAM	1	1	
15.63	16	DFT-S 64QAM	1	1	
13.64	14	DFT-S 256QAM	1	1	
16.65	17	CP QPSK	1	1	

NR Band n30 Ant 3								
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)					
18.07	17.85	17.98	18.5	DFT-S $\pi/2$ BPSK	5 MHz	1	1	
18.09	17.85	17.87	18.5			1	13	
17.81	17.87	18.01	18.5			1	23	
17.43	17.35	17.41	18			12	0	
17.95	17.94	17.87	18.5			12	7	
17.45	17.34	17.47	18			12	13	
17.41	17.56	17.40	18			25	0	
17.96	17.81	17.96	18.5	DFT-S QPSK		1	1	
17.98	18.05	17.92	18.5			1	13	
17.80	17.85	17.90	18.5			1	23	
16.92	17.06	16.99	17.5			12	0	
17.94	17.87	17.83	18.5			12	7	
17.05	17.00	17.07	17.5			12	13	
16.90	17.03	16.94	17.5			25	0	
16.80	17.05	17.00	17.5	DFT-S 16QAM	1	1		
15.47	15.59	15.44	16	DFT-S 64QAM	1	1		
13.42	13.55	13.38	14	DFT-S 256QAM	1	1		
16.47	16.42	16.58	17	CP QPSK	1	1		

NR Band n66 Ant 3							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
344000	349000	354000	Channel				
1720	1745	1770	Frequency (MHz)				
23.45	23.38	23.30	24	DFT-S $\pi/2$ BPSK	20 MHz	1	1
23.46	23.34	23.34	24			1	53
23.44	23.39	23.27	24			1	104
23.06	23.13	23.06	23.5			50	0
23.28	23.26	23.24	24			50	28
23.03	23.13	23.00	23.5			50	56
23.09	23.01	23.19	23.5			100	0
23.50	23.70	23.50	24	DFT-S QPSK		1	1
23.34	23.23	23.28	24			1	53
23.22	23.38	23.49	24			1	104
22.70	22.53	22.56	23			50	0
23.32	23.39	23.34	24			50	28
22.52	22.62	22.51	23			50	56
22.50	22.54	22.54	23			100	0
22.70	22.64	22.55	23	DFT-S 16QAM	1	1	
21.18	21.06	21.15	21.5	DFT-S 64QAM	1	1	
19.04	19.08	19.13	19.5	DFT-S 256QAM	1	1	
22.03	22.10	22.06	22.5	CP QPSK	1	1	

NR Band n66 Ant 3								
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)					
23.42	23.28	23.39	24	DFT-S $\pi/2$ BPSK	15 MHz	1	1	
23.23	23.33	23.40	24			1	40	
23.46	23.27	23.35	24			1	77	
23.18	23.06	23.06	23.5			36	0	
23.46	23.22	23.49	24			36	22	
23.13	23.10	23.11	23.5			36	43	
23.02	23.14	23.09	23.5			75	0	
23.62	23.50	23.68	24	DFT-S QPSK		1	1	
23.30	23.32	23.40	24			1	40	
23.20	23.29	23.25	24			1	77	
22.50	22.54	22.51	23			36	0	
23.25	23.45	23.45	24			36	22	
22.65	22.69	22.65	23			36	43	
22.59	22.64	22.62	23			75	0	
22.62	22.51	22.52	23	DFT-S 16QAM	1	1		
21.13	21.04	21.04	21.5	DFT-S 64QAM	1	1		
19.03	19.04	19.09	19.5	DFT-S 256QAM	1	1		
22.16	22.15	22.03	22.5	CP QPSK	1	1		

NR Band n66 Ant 3								
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset	
343000	349000	355000	Channel					
1715	1745	1775	Frequency (MHz)					
23.35	23.24	23.45	24	DFT-S $\pi/2$ BPSK	10 MHz	1	1	
23.50	23.42	23.41	24			1	26	
23.38	23.31	23.20	24			1	50	
23.03	23.02	23.09	23.5			25	0	
23.35	23.35	23.29	24			25	14	
23.20	23.07	23.16	23.5			25	27	
23.18	23.19	23.01	23.5			50	0	
23.51	23.54	23.60	24	DFT-S QPSK		1	1	
23.39	23.37	23.25	24			1	26	
23.33	23.22	23.42	24			1	50	
22.63	22.50	22.58	23			25	0	
23.29	23.27	23.46	24			25	14	
22.54	22.69	22.69	23			25	27	
22.50	22.55	22.66	23			50	0	
22.70	22.53	22.70	23	DFT-S 16QAM	1	1		
21.10	21.10	21.13	21.5	DFT-S 64QAM	1	1		
19.16	19.01	19.01	19.5	DFT-S 256QAM	1	1		
22.00	22.15	22.17	22.5	CP QPSK	1	1		

NR Band n66 Ant 3								
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)					
23.29	23.46	23.31	24	DFT-S $\pi/2$ BPSK	5 MHz	1	1	
23.25	23.26	23.43	24			1	13	
23.35	23.30	23.32	24			1	23	
23.01	23.03	23.05	23.5			12	0	
23.48	23.46	23.36	24			12	7	
23.10	23.14	23.20	23.5			12	13	
23.03	23.19	23.16	23.5			25	0	
23.62	23.62	23.54	24	DFT-S QPSK		1	1	
23.47	23.48	23.50	24			1	13	
23.41	23.28	23.43	24			1	23	
22.52	22.69	22.51	23			12	0	
23.40	23.48	23.44	24			12	7	
22.53	22.57	22.67	23			12	13	
22.64	22.68	22.68	23			25	0	
22.69	22.70	22.63	23	DFT-S 16QAM	1	1		
21.07	21.06	21.10	21.5	DFT-S 64QAM	1	1		
19.01	19.18	19.13	19.5	DFT-S 256QAM	1	1		
22.08	22.05	22.16	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)				
17.89	17.93	17.83	18.5	DFT-S $\pi/2$ BPSK	40 MHz	1	1
17.80	18.01	17.93	18.5			1	53
18.00	18.10	17.91	18.5			1	104
17.36	17.60	17.48	18			50	0
17.84	17.87	17.88	18.5			50	28
17.42	17.59	17.55	18			50	56
17.38	17.56	17.30	18			100	0
18.36	18.42	18.41	18.5	DFT-S QPSK		1	1
17.94	17.93	17.91	18.5			1	53
17.91	17.98	18.04	18.5			1	104
16.91	17.00	17.07	17.5			50	0
18.14	18.35	18.16	18.5			50	28
16.91	16.94	16.88	17.5			50	56
17.39	17.43	17.41	17.5			100	0
16.81	16.99	16.93	17.5	DFT-S 16QAM	1	1	
15.47	15.36	15.34	16	DFT-S 64QAM	1	1	
13.51	13.45	13.57	14	DFT-S 256QAM	1	1	
16.57	16.55	16.35	17	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)				
17.89	17.89	18.07	18.5	DFT-S $\pi/2$ BPSK	30 MHz	1	1
17.86	18.03	17.96	18.5			1	39
18.07	17.83	17.87	18.5			1	76
17.46	17.37	17.57	18			36	0
17.97	17.92	17.93	18.5			36	21
17.43	17.51	17.33	18			36	42
17.37	17.47	17.33	18			75	0
17.89	17.87	17.80	18.5	DFT-S QPSK		1	1
17.80	18.02	17.82	18.5			1	39
17.98	18.03	17.91	18.5			1	76
16.92	16.88	17.02	17.5			36	0
17.89	18.05	17.95	18.5			36	21
16.92	16.92	16.97	17.5			36	42
16.90	16.83	16.89	17.5			75	0
16.90	17.04	16.97	17.5	DFT-S 16QAM	1	1	
15.47	15.34	15.56	16	DFT-S 64QAM	1	1	
13.38	13.49	13.34	14	DFT-S 256QAM	1	1	
16.32	16.38	16.34	17	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)				
18.08	17.95	18.03	18.5	DFT-S $\pi/2$ BPSK	25 MHz	1	1
17.89	18.07	18.10	18.5			1	33
18.03	17.90	17.82	18.5			1	63
17.38	17.48	17.45	18			32	0
17.90	17.97	17.83	18.5			32	17
17.38	17.37	17.56	18			32	33
17.42	17.59	17.37	18			64	0
17.86	17.90	17.94	18.5	DFT-S QPSK		1	1
18.10	17.91	17.95	18.5			1	33
17.83	18.03	17.82	18.5			1	63
16.97	16.92	17.08	17.5			32	0
17.99	17.95	17.86	18.5			32	17
17.01	16.99	16.88	17.5			32	33
16.92	16.83	17.06	17.5			64	0
16.89	16.95	16.80	17.5		DFT-S 16QAM	1	1
15.45	15.57	15.43	16	DFT-S 64QAM	1	1	
13.59	13.31	13.50	14	DFT-S 256QAM	1	1	
16.44	16.34	16.59	17	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)				
17.99	17.80	18.02	18.5	DFT-S $\pi/2$ BPSK	20 MHz	1	1
17.93	17.90	17.91	18.5			1	26
17.96	17.98	17.97	18.5			1	49
17.37	17.36	17.35	18			25	0
18.07	18.10	18.03	18.5			25	13
17.55	17.56	17.32	18			25	26
17.44	17.58	17.33	18			50	0
18.05	18.08	18.06	18.5	DFT-S QPSK		1	1
17.97	18.02	17.97	18.5			1	26
18.01	18.05	17.88	18.5			1	49
16.88	16.82	17.06	17.5			25	0
17.83	18.01	18.01	18.5			25	13
16.87	17.04	16.83	17.5			25	26
17.08	16.83	16.99	17.5			50	0
16.82	16.97	16.95	17.5		DFT-S 16QAM	1	1
15.59	15.48	15.33	16	DFT-S 64QAM	1	1	
13.49	13.49	13.51	14	DFT-S 256QAM	1	1	
16.51	16.46	16.54	17	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)				
17.95	17.80	17.88	18.5	DFT-S $\pi/2$ BPSK	15 MHz	1	1
18.03	17.87	18.02	18.5			1	19
17.90	17.91	17.87	18.5			1	36
17.50	17.49	17.50	18			18	0
18.06	17.91	18.10	18.5			18	10
17.43	17.38	17.30	18			18	20
17.57	17.54	17.38	18			36	0
17.83	18.03	18.08	18.5	DFT-S QPSK		1	1
17.91	18.06	18.09	18.5			1	19
17.85	17.96	17.89	18.5			1	36
16.82	17.10	17.10	17.5			18	0
18.03	18.10	17.90	18.5			18	10
16.85	16.89	16.97	17.5			18	20
16.81	17.05	16.85	17.5			36	0
16.93	17.03	16.92	17.5		1	1	
15.44	15.32	15.36	16	DFT-S 64QAM	1	1	
13.41	13.39	13.39	14	DFT-S 256QAM	1	1	
16.37	16.58	16.51	17	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)				
17.85	17.95	18.08	18.5	DFT-S $\pi/2$ BPSK	10 MHz	1	1
17.96	17.97	17.97	18.5			1	11
17.90	17.95	18.03	18.5			1	22
17.52	17.35	17.53	18			12	0
18.09	18.04	18.08	18.5			12	6
17.56	17.50	17.47	18			12	12
17.57	17.33	17.42	18			24	0
17.81	17.80	18.10	18.5	DFT-S QPSK		1	1
18.09	18.05	18.06	18.5			1	11
18.00	17.89	17.81	18.5			1	22
16.82	16.83	16.96	17.5			12	0
17.84	18.05	18.00	18.5			12	6
16.86	16.93	16.88	17.5			12	12
16.82	17.02	16.84	17.5			24	0
16.84	16.92	17.07	17.5	DFT-S 16QAM	1	1	
15.49	15.51	15.39	16	DFT-S 64QAM	1	1	
13.53	13.33	13.54	14	DFT-S 256QAM	1	1	
16.33	16.38	16.52	17	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)				
17.84	17.93	18.07	18.00	17.89	18.5	DFT-S $\pi/2$ BPSK	100 MHz	1	1
18.09	17.89	18.08	18.00	18.02	18.5			1	137
18.03	18.01	17.97	18.03	18.10	18.5			1	271
17.34	17.56	17.58	17.54	17.38	18			135	0
17.81	17.94	17.84	17.81	17.83	18.5			135	69
17.34	17.36	17.50	17.30	17.35	18			135	138
17.37	17.39	17.32	17.40	17.32	18			270	0
18.37	18.39	18.41	18.35	18.29	18.5	DFT-S QPSK		1	1
17.97	17.96	17.93	18.00	18.00	18.5			1	137
17.83	17.85	17.90	18.02	18.07	18.5			1	271
17.05	17.01	16.89	16.90	17.06	17.5			135	0
18.29	18.31	18.39	18.25	18.21	18.5			135	69
17.07	17.05	16.98	16.81	16.84	17.5			135	138
17.42	17.41	17.49	17.35	17.41	17.5			270	0
16.95	16.93	16.87	16.91	17.02	17.5		1	1	
15.52	15.42	15.46	15.35	15.37	16	DFT-S 64QAM	1	1	
13.34	13.52	13.36	13.34	13.42	14	DFT-S 256QAM	1	1	
16.34	16.47	16.35	16.55	16.37	17	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)					
17.89	17.85	18.07	17.83	18.05	18.5	DFT-S $\pi/2$ BPSK	90 MHz	1	1	
17.87	17.80	18.04	17.94	17.82	18.5			1	123	
17.82	17.95	17.99	18.10	18.08	18.5			1	243	
17.41	17.47	17.38	17.52	17.44	18			120	0	
17.87	18.07	17.86	17.92	17.81	18.5			120	63	
17.31	17.60	17.32	17.56	17.59	18			120	125	
17.59	17.33	17.32	17.52	17.32	18			243	0	
17.99	17.83	17.92	17.80	17.80	18.5	DFT-S QPSK		1	1	
17.84	17.87	17.95	18.06	17.84	18.5			1	123	
17.81	17.83	17.96	17.98	18.03	18.5			1	243	
16.96	16.97	16.99	16.89	16.95	17.5			120	0	
18.10	18.00	17.80	17.97	18.10	18.5			120	63	
16.92	16.82	17.10	16.86	17.10	17.5			120	125	
16.96	16.87	16.88	16.89	17.05	17.5			243	0	
16.93	17.02	16.93	16.99	17.06	17.5		1	1		
15.31	15.44	15.37	15.53	15.58	16	DFT-S 64QAM	1	1		
13.42	13.35	13.52	13.36	13.44	14	DFT-S 256QAM	1	1		
16.41	16.33	16.36	16.57	16.60	17	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)				
18.05	17.88	17.81	17.88	18.05	18.5	DFT-S $\pi/2$ BPSK	80 MHz	1	1
18.05	17.80	17.94	17.85	18.08	18.5			1	109
17.88	18.08	17.80	18.03	18.01	18.5			1	215
17.32	17.51	17.32	17.59	17.60	18			108	0
17.96	18.01	18.10	18.06	17.99	18.5			108	55
17.48	17.39	17.43	17.37	17.37	18			108	109
17.56	17.57	17.44	17.38	17.40	18			216	0
17.98	17.97	17.87	18.04	17.99	18.5	1		1	
17.84	18.01	17.87	17.91	17.90	18.5	1		109	
17.82	17.81	17.89	17.99	17.85	18.5	1		215	
17.01	16.99	16.94	16.93	17.09	17.5	DFT-S QPSK		108	0
17.94	17.95	18.05	18.00	17.83	18.5	108		55	
16.95	16.99	17.06	16.95	16.96	17.5	108		109	
17.00	16.91	17.06	17.05	16.84	17.5	216		0	
16.81	16.92	16.94	16.97	16.91	17.5	DFT-S 16QAM	1	1	
15.34	15.32	15.46	15.52	15.47	16	DFT-S 64QAM	1	1	
13.34	13.45	13.36	13.37	13.46	14	DFT-S 256QAM	1	1	
16.43	16.59	16.47	16.56	16.41	17	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)					
18.00	17.81	17.90	18.01	18.03	18.5	DFT-S $\pi/2$ BPSK	70 MHz	1	1	
18.06	17.80	17.98	18.04	17.96	18.5			1	95	
18.00	17.85	17.82	18.08	17.98	18.5			1	187	
17.41	17.47	17.49	17.52	17.37	18			90	0	
17.80	17.87	17.90	17.86	17.87	18.5			90	50	
17.45	17.42	17.55	17.37	17.60	18			90	99	
17.33	17.45	17.50	17.42	17.30	18			180	0	
18.01	18.08	18.05	17.81	17.97	18.5	DFT-S QPSK		1	1	
17.94	17.97	17.90	18.04	18.10	18.5			1	95	
17.84	17.86	17.88	18.09	17.90	18.5			1	187	
17.09	17.09	16.82	16.93	16.92	17.5			90	0	
17.82	18.10	18.10	18.02	17.86	18.5			90	50	
17.06	16.90	17.00	17.08	16.85	17.5			90	99	
17.01	16.93	16.81	16.97	16.80	17.5			180	0	
16.89	16.89	16.93	16.97	16.83	17.5		1	1		
15.43	15.41	15.34	15.35	15.49	16	DFT-S 64QAM	1	1		
13.57	13.47	13.57	13.37	13.47	14	DFT-S 256QAM	1	1		
16.50	16.36	16.32	16.36	16.44	17	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)				
17.93	17.80	18.07	17.99	17.99	18.5	DFT-S $\pi/2$ BPSK	60 MHz	1	1
17.98	18.08	17.92	17.90	18.05	18.5			1	81
18.08	17.84	18.00	17.98	17.89	18.5			1	160
17.46	17.38	17.58	17.54	17.35	18			81	0
17.81	17.94	17.88	17.82	18.01	18.5			81	41
17.40	17.55	17.55	17.31	17.41	18			81	81
17.39	17.38	17.60	17.53	17.37	18			162	0
17.89	17.99	18.02	18.01	18.05	18.5	DFT-S QPSK		1	1
18.07	18.05	17.97	17.91	17.90	18.5			1	81
17.92	17.80	17.86	18.09	18.03	18.5			1	160
16.95	17.07	17.08	17.04	16.98	17.5			81	0
17.99	18.06	18.03	17.87	17.87	18.5			81	41
17.06	17.00	16.89	16.93	16.91	17.5			81	81
16.96	17.00	16.86	16.90	17.01	17.5			162	0
16.81	17.05	17.01	16.86	16.88	17.5		1	1	
15.44	15.37	15.40	15.51	15.60	16	DFT-S 64QAM	1	1	
13.60	13.57	13.53	13.35	13.30	14	DFT-S 256QAM	1	1	
16.46	16.39	16.30	16.44	16.44	17	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)					
17.88	17.82	18.04	17.97	18.07	18.5	DFT-S $\pi/2$ BPSK	50 MHz	1	1	
17.89	17.99	18.09	17.85	17.83	18.5			1	67	
18.09	18.06	17.93	17.92	18.08	18.5			1	131	
17.34	17.48	17.49	17.49	17.36	18			64	0	
17.99	17.98	17.83	17.97	18.10	18.5			64	35	
17.47	17.47	17.48	17.36	17.40	18			64	69	
17.40	17.54	17.51	17.47	17.41	18			128	0	
17.80	18.10	18.00	17.86	17.80	18.5	1		1		
17.96	17.90	17.85	18.03	18.04	18.5	1		67		
17.84	17.97	17.87	17.84	18.08	18.5	1		131		
16.85	16.84	16.82	16.88	16.85	17.5	DFT-S QPSK		64	0	
18.09	17.85	17.86	17.83	17.87	18.5	64		35		
17.02	16.94	17.10	16.99	16.97	17.5	64		69		
17.09	17.07	16.97	16.82	16.87	17.5	128		0		
17.04	17.01	16.89	16.81	17.10	17.5	DFT-S 16QAM	1	1		
15.58	15.31	15.49	15.32	15.60	16	DFT-S 64QAM	1	1		
13.40	13.34	13.43	13.58	13.39	14	DFT-S 256QAM	1	1		
16.52	16.51	16.37	16.35	16.31	17	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)					
17.85	17.92	18.05	18.08	17.97	18.5	DFT-S $\pi/2$ BPSK	40 MHz	1	1	
17.95	17.96	18.01	17.91	18.05	18.5			1	53	
17.95	17.92	18.06	17.80	17.97	18.5			1	104	
17.43	17.58	17.35	17.38	17.45	18			50	0	
18.08	17.95	17.90	18.03	17.99	18.5			50	28	
17.48	17.36	17.36	17.43	17.44	18			50	56	
17.57	17.50	17.44	17.36	17.46	18	100		0		
18.01	17.84	17.95	17.88	17.80	18.5	DFT-S QPSK		1	1	
17.81	17.83	17.89	18.03	17.83	18.5			1	53	
17.92	18.02	17.83	17.82	17.96	18.5			1	104	
16.96	17.05	16.83	16.87	16.82	17.5			50	0	
17.88	17.98	17.91	18.03	18.09	18.5			50	28	
16.86	16.97	16.86	16.81	16.90	17.5		50	56		
16.84	16.87	16.98	16.83	16.87	17.5		100	0		
17.04	17.04	17.03	16.91	16.86	17.5		1	1		
15.52	15.47	15.50	15.57	15.36	16	DFT-S 64QAM	1	1		
13.34	13.32	13.30	13.53	13.52	14	DFT-S 256QAM	1	1		
16.35	16.54	16.59	16.57	16.51	17	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)					
18.07	18.00	18.06	17.96	18.05	18.5	DFT-S $\pi/2$ BPSK	30 MHz	1	1	
18.01	18.04	18.03	17.94	17.89	18.5			1	39	
17.99	17.86	17.95	17.87	17.95	18.5			1	76	
17.49	17.49	17.40	17.47	17.48	18			36	0	
18.01	17.92	17.84	17.91	17.99	18.5			36	21	
17.40	17.35	17.55	17.49	17.51	18			36	42	
17.37	17.51	17.60	17.40	17.31	18			75	0	
17.88	17.97	17.99	18.10	18.00	18.5	DFT-S QPSK		1	1	
17.90	17.85	17.98	18.05	17.80	18.5			1	39	
17.91	18.08	17.91	17.84	18.07	18.5			1	76	
17.07	17.09	16.87	16.99	16.95	17.5			36	0	
17.85	17.88	17.84	17.95	17.97	18.5			36	21	
16.87	16.86	17.06	17.10	16.86	17.5			36	42	
16.97	16.95	17.10	17.09	16.92	17.5			75	0	
16.95	17.09	17.09	17.01	16.88	17.5	DFT-S 16QAM	1	1		
15.44	15.49	15.45	15.42	15.35	16	DFT-S 64QAM	1	1		
13.43	13.48	13.47	13.40	13.58	14	DFT-S 256QAM	1	1		
16.59	16.59	16.43	16.42	16.46	17	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)					
18.08	17.95	18.08	18.01	18.00	18.5	DFT-S $\pi/2$ BPSK	20 MHz	1	1	
17.99	17.88	18.09	18.08	18.01	18.5			1	26	
18.02	17.80	18.02	17.97	17.94	18.5			1	49	
17.36	17.34	17.35	17.50	17.60	18			25	0	
17.90	17.84	18.05	17.94	17.83	18.5			25	13	
17.49	17.34	17.35	17.37	17.39	18			25	26	
17.56	17.48	17.44	17.46	17.51	18			50	0	
18.05	17.91	18.00	17.92	18.03	18.5	DFT-S QPSK		1	1	
17.86	17.94	17.87	17.80	18.10	18.5			1	26	
18.00	18.06	17.92	17.97	17.87	18.5			1	49	
16.91	16.96	16.97	16.84	17.07	17.5			25	0	
17.86	18.09	17.80	17.80	18.02	18.5			25	13	
16.83	16.95	17.10	17.07	17.08	17.5			25	26	
16.85	16.80	16.84	16.89	17.09	17.5			50	0	
16.91	16.85	16.99	16.90	16.81	17.5	DFT-S 16QAM	1	1		
15.32	15.56	15.53	15.46	15.33	16	DFT-S 64QAM	1	1		
13.54	13.37	13.47	13.59	13.57	14	DFT-S 256QAM	1	1		
16.57	16.42	16.33	16.52	16.55	17	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)					
17.93	18.06	17.90	17.82	18.01	18.5	DFT-S $\pi/2$ BPSK	15 MHz	1	1	
17.92	18.10	17.93	17.88	18.05	18.5			1	19	
17.81	17.90	17.87	17.81	17.99	18.5			1	36	
17.44	17.45	17.42	17.38	17.50	18			18	0	
17.97	17.95	18.05	17.89	18.07	18.5			18	10	
17.36	17.37	17.50	17.60	17.48	18			18	20	
17.33	17.41	17.31	17.50	17.34	18			36	0	
17.93	17.83	17.99	17.88	18.05	18.5	DFT-S QPSK	15 MHz	1	1	
18.05	17.99	17.88	17.82	17.81	18.5			1	19	
17.85	17.81	17.80	17.95	17.88	18.5			1	36	
16.97	16.92	16.99	16.98	17.10	17.5			18	0	
17.80	18.10	17.97	18.03	17.89	18.5			18	10	
16.89	17.00	17.00	17.07	16.93	17.5			18	20	
16.85	16.84	16.99	17.03	17.04	17.5			36	0	
16.87	16.87	16.96	16.92	16.84	17.5	DFT-S 16QAM	1	1		
15.44	15.50	15.30	15.54	15.32	16	DFT-S 64QAM	1	1		
13.59	13.44	13.34	13.48	13.53	14	DFT-S 256QAM	1	1		
16.42	16.41	16.35	16.32	16.53	17	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)					
17.81	17.93	17.87	17.89	17.93	18.5	DFT-S $\pi/2$ BPSK	10 MHz	1	1	
18.02	18.07	17.99	17.80	17.84	18.5			1	11	
17.95	18.06	17.88	18.01	17.95	18.5			1	22	
17.51	17.43	17.42	17.56	17.60	18			12	0	
18.00	17.92	17.96	18.08	17.99	18.5			12	6	
17.48	17.48	17.33	17.59	17.51	18			12	12	
17.60	17.42	17.55	17.52	17.42	18			24	0	
17.99	18.00	17.93	17.92	17.85	18.5	DFT-S QPSK		1	1	
18.00	18.06	17.83	17.82	18.05	18.5			1	11	
17.92	17.87	17.82	17.94	18.00	18.5			1	22	
16.89	17.04	17.06	17.09	17.00	17.5			12	0	
18.01	17.93	18.05	17.93	17.90	18.5			12	6	
17.01	17.04	16.86	17.02	16.96	17.5			12	12	
16.84	17.07	17.10	17.08	17.04	17.5			24	0	
17.05	16.90	16.95	16.96	16.91	17.5		1	1		
15.32	15.42	15.45	15.56	15.42	16	DFT-S 64QAM	1	1		
13.43	13.58	13.51	13.60	13.52	14	DFT-S 256QAM	1	1		
16.58	16.42	16.57	16.32	16.40	17	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)				
20.11	20.16	20.16	20.5	DFT-S $\pi/2$ BPSK	40 MHz	1	1
20.18	20.17	20.19	20.5			1	53
20.19	20.11	20.20	20.5			1	104
19.69	19.60	19.62	20			50	0
20.17	20.20	20.11	20.5			50	28
19.60	19.64	19.64	20			50	56
19.63	19.66	19.69	20			100	0
20.40	20.45	20.36	20.5	DFT-S QPSK		1	1
20.17	20.18	20.14	20.5			1	53
20.18	20.16	20.16	20.5			1	104
19.12	19.20	19.20	19.5			50	0
20.33	20.35	20.31	20.5			50	28
19.11	19.14	19.13	19.5			50	56
19.31	19.38	19.36	19.5			100	0
19.10	19.11	19.13	19.5		DFT-S 16QAM	1	1
17.61	17.67	17.61	18	DFT-S 64QAM	1	1	
15.60	15.60	15.61	16	DFT-S 256QAM	1	1	
18.62	18.60	18.61	19	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)				
19.86	20.09	19.86	20.5	DFT-S $\pi/2$ BPSK	30 MHz	1	1
19.99	19.95	20.03	20.5			1	39
19.84	19.87	20.02	20.5			1	76
19.44	19.53	19.41	20			36	0
19.98	19.92	19.86	20.5			36	21
19.59	19.54	19.41	20			36	42
19.46	19.44	19.51	20			75	0
20.07	19.90	19.81	20.5	DFT-S QPSK		1	1
20.04	19.92	19.92	20.5			1	39
19.93	19.86	19.87	20.5			1	76
18.92	19.03	18.90	19.5			36	0
19.83	20.05	20.05	20.5			36	21
19.00	19.10	19.00	19.5			36	42
18.82	19.04	19.05	19.5			75	0
18.86	18.93	19.06	19.5	DFT-S 16QAM	1	1	
17.40	17.33	17.47	18	DFT-S 64QAM	1	1	
15.59	15.31	15.46	16	DFT-S 256QAM	1	1	
18.58	18.42	18.34	19	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)				
20.04	19.81	20.02	20.5	DFT-S $\pi/2$ BPSK	25 MHz	1	1
19.89	19.86	19.99	20.5			1	33
19.94	19.87	19.94	20.5			1	63
19.31	19.32	19.60	20			32	0
19.88	19.94	20.07	20.5			32	17
19.40	19.49	19.51	20			32	33
19.46	19.52	19.53	20			64	0
19.89	19.91	20.05	20.5	DFT-S QPSK		1	1
19.95	19.98	19.87	20.5			1	33
19.90	20.10	19.85	20.5			1	63
19.02	18.96	19.05	19.5			32	0
19.96	19.94	19.96	20.5			32	17
18.88	19.09	19.03	19.5			32	33
18.90	18.89	19.01	19.5			64	0
18.90	18.94	19.08	19.5	DFT-S 16QAM	1	1	
17.52	17.46	17.37	18	DFT-S 64QAM	1	1	
15.50	15.38	15.53	16	DFT-S 256QAM	1	1	
18.31	18.41	18.32	19	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)				
20.05	20.01	20.06	20.5	DFT-S $\pi/2$ BPSK	20 MHz	1	1
19.88	19.83	19.89	20.5			1	26
19.88	20.08	20.10	20.5			1	49
19.34	19.40	19.36	20			25	0
19.81	19.80	20.03	20.5			25	13
19.57	19.44	19.42	20			25	26
19.53	19.33	19.32	20			50	0
19.98	19.99	19.80	20.5	DFT-S QPSK		1	1
19.97	19.88	19.80	20.5			1	26
20.05	19.99	19.97	20.5			1	49
19.06	18.93	18.81	19.5			25	0
20.10	20.03	19.94	20.5			25	13
18.83	19.09	18.86	19.5			25	26
18.80	18.95	18.85	19.5			50	0
19.07	18.85	19.04	19.5		1	1	
17.50	17.32	17.50	18	DFT-S 64QAM	1	1	
15.40	15.43	15.30	16	DFT-S 256QAM	1	1	
18.47	18.57	18.33	19	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)				
20.10	19.80	20.02	20.5	DFT-S $\pi/2$ BPSK	15 MHz	1	1
19.82	19.97	19.97	20.5			1	19
19.96	19.86	20.06	20.5			1	36
19.39	19.47	19.60	20			18	0
20.03	19.97	19.95	20.5			18	10
19.57	19.43	19.33	20			18	20
19.34	19.47	19.43	20			36	0
20.02	19.86	20.10	20.5	DFT-S QPSK		1	1
19.99	19.84	19.95	20.5			1	19
20.07	19.87	20.05	20.5			1	36
18.86	18.89	18.97	19.5			18	0
19.99	19.91	20.01	20.5			18	10
18.95	18.89	18.81	19.5			18	20
19.00	19.01	18.92	19.5			36	0
18.84	18.83	18.81	19.5	DFT-S 16QAM	1	1	
17.41	17.51	17.31	18	DFT-S 64QAM	1	1	
15.31	15.44	15.35	16	DFT-S 256QAM	1	1	
18.44	18.38	18.44	19	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				
2575	2595	2615	Frequency (MHz)				
19.94	19.84	20.10	20.5	DFT-S $\pi/2$ BPSK	10 MHz	1	1
20.04	19.84	20.08	20.5			1	11
20.06	19.98	19.99	20.5			1	22
19.42	19.38	19.47	20			12	0
19.94	20.04	20.02	20.5			12	6
19.44	19.59	19.39	20			12	12
19.41	19.49	19.30	20			24	0
20.10	19.86	19.92	20.5	DFT-S QPSK		1	1
19.86	20.08	19.84	20.5			1	11
19.84	19.89	20.01	20.5			1	22
19.08	18.87	19.05	19.5			12	0
20.02	19.97	19.85	20.5			12	6
18.89	18.82	18.87	19.5			12	12
18.89	18.83	18.90	19.5			24	0
19.03	19.09	18.82	19.5	DFT-S 16QAM	1	1	
17.55	17.55	17.47	18	DFT-S 64QAM	1	1	
15.51	15.55	15.30	16	DFT-S 256QAM	1	1	
18.40	18.56	18.30	19	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)					
20.16	20.10	20.20	20.12	20.15	20.5	DFT-S $\pi/2$ BPSK	100 MHz	1	1	
20.10	20.14	20.13	20.18	20.12	20.5			1	137	
20.19	20.18	20.10	20.12	20.19	20.5			1	271	
19.67	19.69	19.61	19.60	19.62	20			135	0	
20.17	20.10	20.16	20.11	20.11	20.5			135	69	
19.69	19.67	19.64	19.62	19.70	20			135	138	
19.64	19.69	19.70	19.63	19.60	20			270	0	
20.35	20.38	20.46	20.43	20.36	20.5	DFT-S QPSK		1	1	
20.14	20.11	20.20	20.13	20.16	20.5			1	137	
20.17	20.20	20.12	20.17	20.16	20.5			1	271	
19.19	19.13	19.12	19.19	19.16	19.5			135	0	
20.35	20.33	20.39	20.38	20.35	20.5			135	69	
19.17	19.13	19.19	19.20	19.16	19.5			135	138	
19.34	19.33	19.38	19.33	19.37	19.5			270	0	
19.20	19.18	19.19	19.12	19.14	19.5	DFT-S 16QAM	1	1		
17.61	17.66	17.62	17.60	17.70	18	DFT-S 64QAM	1	1		
15.63	15.62	15.67	15.64	15.69	16	DFT-S 256QAM	1	1		
18.62	18.62	18.70	18.69	18.65	19	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)				
20.10	19.87	19.87	20.03	19.87	20.5	DFT-S $\pi/2$ BPSK	90 MHz	1	1
20.06	20.08	19.84	19.89	20.01	20.5			1	123
19.84	19.97	19.94	20.01	19.97	20.5			1	243
19.32	19.49	19.44	19.33	19.59	20			120	0
20.05	19.90	19.90	19.85	19.89	20.5			120	63
19.54	19.44	19.43	19.46	19.38	20			120	125
19.46	19.38	19.52	19.51	19.38	20	243		0	
19.96	19.88	19.97	20.03	19.84	20.5	DFT-S QPSK		1	1
19.84	19.84	19.93	19.98	20.00	20.5			1	123
19.96	19.80	20.02	19.86	19.84	20.5			1	243
18.88	19.00	19.08	19.06	19.07	19.5			120	0
19.97	19.99	19.91	20.00	19.98	20.5			120	63
18.81	18.95	19.01	19.04	18.88	19.5		120	125	
18.98	18.95	19.01	19.10	18.90	19.5		243	0	
18.81	18.93	19.08	19.01	19.03	19.5		1	1	
17.35	17.30	17.47	17.51	17.48	18	DFT-S 64QAM	1	1	
15.37	15.59	15.46	15.44	15.52	16	DFT-S 256QAM	1	1	
18.34	18.38	18.41	18.44	18.36	19	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)					
19.80	19.83	20.02	20.01	19.95	20.5	DFT-S $\pi/2$ BPSK	80 MHz	1	1	
19.87	19.91	19.86	20.00	19.91	20.5			1	109	
20.04	20.03	19.84	19.96	19.87	20.5			1	215	
19.37	19.54	19.53	19.38	19.50	20			108	0	
19.98	19.84	19.87	19.87	19.89	20.5			108	55	
19.51	19.39	19.60	19.60	19.37	20			108	109	
19.34	19.41	19.47	19.52	19.44	20			216	0	
19.97	20.01	20.00	19.88	20.01	20.5	DFT-S QPSK		1	1	
20.10	19.86	19.89	20.05	20.03	20.5			1	109	
19.80	19.86	20.03	20.03	19.83	20.5			1	215	
19.04	19.03	18.95	18.97	19.04	19.5			108	0	
19.82	19.92	20.01	19.90	20.01	20.5			108	55	
18.93	18.83	18.97	19.09	18.97	19.5			108	109	
19.00	18.86	18.89	18.83	18.84	19.5			216	0	
18.87	19.06	18.90	18.98	18.80	19.5		1	1		
17.45	17.53	17.37	17.50	17.38	18		1	1		
15.36	15.42	15.53	15.57	15.55	16		1	1		
18.41	18.31	18.52	18.54	18.39	19	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)					
20.07	19.89	20.09	19.92	19.83	20.5	DFT-S $\pi/2$ BPSK	70 MHz	1	1	
20.10	19.89	19.99	20.01	19.83	20.5			1	95	
19.98	20.01	19.96	19.82	20.04	20.5			1	187	
19.45	19.49	19.54	19.45	19.44	20			90	0	
20.10	20.06	19.90	19.85	20.06	20.5			90	50	
19.60	19.33	19.58	19.59	19.41	20			90	99	
19.51	19.36	19.31	19.54	19.47	20	180		0		
19.89	20.00	19.83	19.80	19.80	20.5	DFT-S QPSK		1	1	
20.06	19.98	19.87	20.01	19.82	20.5			1	95	
20.04	19.97	19.83	19.88	19.93	20.5			1	187	
18.95	19.08	18.92	19.00	18.93	19.5			90	0	
20.07	20.00	19.80	20.04	20.00	20.5			90	50	
18.92	19.01	19.06	19.03	18.86	19.5			90	99	
19.02	18.93	18.91	18.93	18.94	19.5			180	0	
18.94	19.07	19.03	18.96	18.97	19.5		1	1		
17.47	17.34	17.48	17.50	17.40	18	DFT-S 64QAM	1	1		
15.42	15.39	15.39	15.55	15.54	16	DFT-S 256QAM	1	1		
18.41	18.34	18.49	18.49	18.39	19	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)					
20.10	20.00	20.01	20.01	19.89	20.5	DFT-S $\pi/2$ BPSK	60 MHz	1	1	
19.94	19.82	19.97	20.08	19.97	20.5			1	81	
19.85	19.82	20.04	20.10	19.82	20.5			1	160	
19.37	19.50	19.38	19.30	19.43	20			81	0	
19.90	20.00	19.88	19.94	20.08	20.5			81	41	
19.39	19.30	19.55	19.57	19.54	20			81	81	
19.58	19.38	19.50	19.42	19.59	20	162		0		
19.85	20.06	20.07	20.10	19.93	20.5	DFT-S QPSK		1	1	
20.06	19.81	19.81	20.08	20.10	20.5			1	81	
20.07	19.91	19.85	19.88	20.00	20.5			1	160	
18.80	18.89	18.97	18.93	18.90	19.5			81	0	
19.92	19.93	19.86	19.98	19.90	20.5			81	41	
18.94	19.01	18.93	19.07	18.82	19.5		81	81		
19.10	18.98	19.03	18.98	18.85	19.5		162	0		
18.80	18.87	18.81	18.90	18.92	19.5		1	1		
17.58	17.53	17.45	17.54	17.41	18	DFT-S 64QAM	1	1		
15.59	15.58	15.47	15.48	15.33	16	DFT-S 256QAM	1	1		
18.56	18.38	18.55	18.59	18.58	19	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)					
20.05	20.01	19.82	19.98	19.96	20.5	DFT-S $\pi/2$ BPSK	50 MHz	1	1	
19.87	19.92	19.88	20.01	20.00	20.5			1	67	
19.80	20.08	19.89	19.86	19.86	20.5			1	131	
19.33	19.36	19.33	19.57	19.38	20			64	0	
20.07	19.80	20.10	19.84	20.08	20.5			64	35	
19.43	19.33	19.44	19.32	19.52	20			64	69	
19.32	19.58	19.50	19.31	19.54	20			128	0	
19.84	20.05	19.90	19.84	20.03	20.5	DFT-S QPSK		1	1	
19.98	19.94	19.86	19.94	19.81	20.5			1	67	
20.07	20.07	20.04	19.83	20.08	20.5			1	131	
18.84	18.80	18.92	18.81	18.81	19.5			64	0	
19.87	20.10	19.95	19.97	20.10	20.5			64	35	
18.88	18.88	19.09	18.87	18.87	19.5			64	69	
19.05	18.84	18.84	18.92	19.09	19.5			128	0	
18.91	18.94	19.07	18.82	19.06	19.5		1	1		
17.37	17.52	17.44	17.39	17.30	18	DFT-S 64QAM	1	1		
15.50	15.56	15.56	15.37	15.40	16	DFT-S 256QAM	1	1		
18.36	18.37	18.57	18.32	18.48	19	CP QPSK	1	1		

NR Band n41 Ant 1										
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)					
20.00	19.95	19.89	20.10	19.83	20.5	DFT-S $\pi/2$ BPSK	40 MHz	1	1	
19.94	20.01	19.93	19.95	20.10	20.5			1	53	
20.07	20.01	20.00	20.05	19.97	20.5			1	104	
19.40	19.34	19.43	19.53	19.54	20			50	0	
20.09	20.00	19.97	19.82	19.81	20.5			50	28	
19.36	19.50	19.38	19.56	19.37	20			50	56	
19.51	19.53	19.34	19.37	19.30	20	100		0		
19.96	19.96	19.87	20.09	19.97	20.5	DFT-S QPSK		1	1	
19.85	20.00	20.10	19.83	20.02	20.5			1	53	
19.99	19.80	19.88	19.84	19.97	20.5			1	104	
19.08	18.96	19.00	19.00	18.81	19.5			50	0	
19.95	19.80	19.84	19.94	20.07	20.5			50	28	
19.02	19.02	18.97	18.87	18.90	19.5		50	56		
18.93	18.95	18.93	18.99	18.89	19.5		100	0		
18.97	18.90	18.87	18.96	19.08	19.5		1	1		
17.47	17.54	17.40	17.37	17.36	18	DFT-S 64QAM	1	1		
15.48	15.45	15.59	15.55	15.60	16	DFT-S 256QAM	1	1		
18.44	18.31	18.48	18.32	18.30	19	CP QPSK	1	1		

NR Band n41 Ant 1									
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)				
19.80	19.96	19.95	19.84	19.89	20.5	DFT-S $\pi/2$ BPSK	30 MHz	1	1
19.98	19.96	20.00	19.83	19.96	20.5			1	39
20.05	19.94	19.85	19.95	19.82	20.5			1	76
19.40	19.32	19.58	19.56	19.30	20			36	0
19.91	20.01	19.98	20.01	19.98	20.5			36	21
19.33	19.54	19.41	19.50	19.57	20			36	42
19.32	19.44	19.52	19.37	19.34	20			75	0
19.91	20.09	19.92	19.80	19.97	20.5	DFT-S QPSK		1	1
20.05	20.08	19.94	20.03	20.06	20.5			1	39
19.80	19.83	19.81	19.84	20.01	20.5			1	76
18.87	18.86	18.99	18.84	18.96	19.5			36	0
19.82	20.09	20.00	19.85	19.95	20.5			36	21
19.10	18.92	18.84	18.98	18.89	19.5			36	42
18.82	18.85	18.87	19.10	18.81	19.5			75	0
18.82	19.10	18.81	18.83	18.83	19.5		1	1	
17.44	17.60	17.35	17.55	17.60	18	DFT-S 64QAM	1	1	
15.43	15.32	15.30	15.38	15.47	16	DFT-S 256QAM	1	1	
18.50	18.59	18.46	18.59	18.38	19	CP QPSK	1	1	

NR Band n41 Ant 1									
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)				
19.84	19.92	20.06	20.05	20.03	20.5	DFT-S $\pi/2$ BPSK	20 MHz	1	1
20.09	20.02	19.81	19.89	20.10	20.5			1	26
19.96	19.85	20.07	19.92	20.00	20.5			1	49
19.40	19.47	19.52	19.60	19.44	20			25	0
20.02	20.08	20.05	19.91	20.08	20.5			25	13
19.53	19.50	19.56	19.30	19.47	20			25	26
19.45	19.41	19.45	19.46	19.47	20			50	0
20.03	19.91	19.93	20.08	19.99	20.5	DFT-S QPSK		1	1
19.80	19.94	20.01	20.07	19.89	20.5			1	26
19.85	19.92	19.88	20.04	19.85	20.5			1	49
18.90	18.94	18.95	18.86	18.97	19.5			25	0
19.90	20.08	19.82	19.99	20.05	20.5			25	13
18.82	18.96	18.86	19.02	18.86	19.5			25	26
19.00	18.93	18.97	18.96	18.96	19.5			50	0
18.98	18.94	19.03	18.93	18.92	19.5	DFT-S 16QAM	1	1	
17.45	17.58	17.58	17.52	17.58	18	DFT-S 64QAM	1	1	
15.37	15.35	15.57	15.53	15.42	16	DFT-S 256QAM	1	1	
18.34	18.60	18.44	18.33	18.58	19	CP QPSK	1	1	

NR Band n41 Ant 1										
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)					
19.92	19.96	19.80	19.84	19.88	20.5	DFT-S $\pi/2$ BPSK	15 MHz	1	1	
19.81	20.08	20.05	19.92	20.06	20.5			1	19	
19.89	19.88	20.07	19.82	20.07	20.5			1	36	
19.58	19.38	19.32	19.53	19.52	20			18	0	
19.81	20.10	20.09	19.98	19.80	20.5			18	10	
19.51	19.39	19.51	19.32	19.34	20			18	20	
19.57	19.47	19.48	19.38	19.30	20	36		0		
19.91	19.82	19.85	19.80	20.06	20.5	DFT-S QPSK		1	1	
19.87	19.83	20.06	19.93	19.96	20.5			1	19	
19.91	20.09	20.01	19.80	19.84	20.5			1	36	
19.06	18.94	19.02	19.01	18.92	19.5			18	0	
19.96	19.87	19.85	20.00	19.92	20.5			18	10	
19.04	19.08	19.02	19.02	19.03	19.5		18	20		
19.08	19.06	18.81	19.10	19.10	19.5	36	0			
18.95	18.91	18.81	18.89	19.06	19.5	DFT-S 16QAM	1	1		
17.30	17.44	17.56	17.37	17.49	18	DFT-S 64QAM	1	1		
15.60	15.52	15.58	15.55	15.34	16	DFT-S 256QAM	1	1		
18.57	18.60	18.41	18.31	18.57	19	CP QPSK	1	1		



NR Band n41 Ant 1									
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)				
19.93	19.92	19.99	19.96	19.82	20.5	DFT-S $\pi/2$ BPSK	10 MHz	1	1
19.99	19.90	20.05	19.97	19.90	20.5			1	11
19.94	19.98	20.04	20.06	19.99	20.5			1	22
19.46	19.54	19.51	19.37	19.50	20			12	0
20.03	20.02	20.08	19.98	20.07	20.5			12	6
19.59	19.54	19.40	19.57	19.58	20			12	12
19.58	19.31	19.59	19.46	19.48	20	24		0	
19.97	19.87	19.98	19.98	19.94	20.5	DFT-S QPSK		1	1
19.96	19.80	19.98	20.10	19.83	20.5			1	11
19.94	19.87	20.09	19.97	19.85	20.5			1	22
19.06	18.81	18.80	18.96	18.84	19.5			12	0
20.08	19.92	19.82	19.96	20.01	20.5			12	6
18.96	19.02	19.03	19.00	18.98	19.5		12	12	
19.00	19.02	19.05	18.92	18.86	19.5	24	0		
19.08	19.03	18.98	18.80	18.86	19.5	DFT-S 16QAM	1	1	
17.59	17.42	17.52	17.56	17.42	18	DFT-S 64QAM	1	1	
15.39	15.59	15.48	15.31	15.31	16	DFT-S 256QAM	1	1	
18.44	18.39	18.40	18.51	18.58	19	CP QPSK	1	1	

NR Band n38 Ant 2							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
518000	519000	520000	Channel				
2590	2595	2600	Frequency (MHz)				
22.11	22.16	22.20	22.5	DFT-S $\pi/2$ BPSK	40 MHz	1	1
22.18	22.20	22.17	22.5			1	53
22.17	22.19	22.15	22.5			1	104
21.69	21.60	21.65	22			50	0
22.14	22.11	22.20	22.5			50	28
21.61	21.61	21.61	22			50	56
21.67	21.66	21.67	22			100	0
22.38	22.43	22.36	22.5	DFT-S QPSK		1	1
22.18	22.13	22.10	22.5			1	53
22.16	22.15	22.19	22.5			1	104
21.14	21.15	21.11	21.5			50	0
22.40	22.42	22.31	22.5			50	28
21.11	21.14	21.14	21.5			50	56
21.30	21.41	21.40	21.5			100	0
21.20	21.14	21.14	21.5		DFT-S 16QAM	1	1
19.66	19.68	19.66	20	DFT-S 64QAM	1	1	
17.66	17.69	17.63	18	DFT-S 256QAM	1	1	
20.70	20.65	20.61	21	CP QPSK	1	1	

NR Band n38 Ant 2							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
517000	519000	521000	Channel				
2585	2595	2605	Frequency (MHz)				
21.84	21.90	22.00	22.5	DFT-S $\pi/2$ BPSK	30 MHz	1	1
21.85	22.03	22.08	22.5			1	39
21.87	21.93	22.09	22.5			1	76
21.40	21.43	21.33	22			36	0
22.08	21.89	22.04	22.5			36	21
21.35	21.38	21.40	22			36	42
21.57	21.56	21.53	22			75	0
22.03	21.97	21.96	22.5	DFT-S QPSK		1	1
22.03	22.07	21.98	22.5			1	39
22.02	21.90	21.89	22.5			1	76
21.01	20.93	21.06	21.5			36	0
22.10	22.03	21.83	22.5			36	21
20.99	20.86	20.93	21.5			36	42
20.88	20.92	20.86	21.5			75	0
20.89	21.08	21.06	21.5	DFT-S 16QAM	1	1	
19.49	19.59	19.42	20	DFT-S 64QAM	1	1	
17.47	17.53	17.53	18	DFT-S 256QAM	1	1	
20.59	20.38	20.43	21	CP QPSK	1	1	

NR Band n38 Ant 2							
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)				
22.10	21.87	21.86	22.5	DFT-S $\pi/2$ BPSK	25 MHz	1	1
21.87	22.07	21.98	22.5			1	33
21.84	21.99	21.84	22.5			1	63
21.42	21.34	21.33	22			32	0
22.07	21.99	22.01	22.5			32	17
21.53	21.44	21.34	22			32	33
21.57	21.45	21.53	22			64	0
21.84	21.93	21.99	22.5	DFT-S QPSK		1	1
21.95	21.92	21.94	22.5			1	33
21.85	21.81	21.82	22.5			1	63
20.90	21.04	20.81	21.5			32	0
21.88	21.84	21.89	22.5			32	17
21.05	20.92	21.04	21.5			32	33
20.95	21.06	21.10	21.5			64	0
20.82	20.81	21.10	21.5	DFT-S 16QAM	1	1	
19.49	19.37	19.57	20	DFT-S 64QAM	1	1	
17.48	17.57	17.53	18	DFT-S 256QAM	1	1	
20.46	20.37	20.46	21	CP QPSK	1	1	

NR Band n38 Ant 2							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
516000	519000	522000	Channel				
2580	2595	2610	Frequency (MHz)				
22.07	22.05	22.08	22.5	DFT-S $\pi/2$ BPSK	20 MHz	1	1
21.97	21.81	22.04	22.5			1	26
21.93	21.87	21.89	22.5			1	49
21.56	21.47	21.46	22			25	0
22.04	21.97	22.09	22.5			25	13
21.47	21.49	21.49	22			25	26
21.34	21.44	21.37	22			50	0
22.00	22.08	21.97	22.5	DFT-S QPSK		1	1
21.92	21.85	22.00	22.5			1	26
21.95	21.99	21.99	22.5			1	49
20.99	21.06	21.02	21.5			25	0
22.04	22.03	21.82	22.5			25	13
20.95	21.00	20.88	21.5			25	26
21.03	21.04	20.93	21.5			50	0
20.80	21.01	20.88	21.5	DFT-S 16QAM	1	1	
19.43	19.51	19.41	20	DFT-S 64QAM	1	1	
17.50	17.60	17.57	18	DFT-S 256QAM	1	1	
20.43	20.55	20.31	21	CP QPSK	1	1	

NR Band n38 Ant 2							
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)				
22.05	22.01	22.04	22.5	DFT-S $\pi/2$ BPSK	15 MHz	1	1
21.83	22.00	22.08	22.5			1	19
21.92	22.00	21.88	22.5			1	36
21.42	21.51	21.48	22			18	0
22.00	21.91	21.98	22.5			18	10
21.41	21.39	21.48	22			18	20
21.60	21.31	21.52	22			36	0
21.97	21.92	21.90	22.5	DFT-S QPSK		1	1
22.02	21.88	21.89	22.5			1	19
21.86	21.96	22.09	22.5			1	36
20.86	21.02	20.83	21.5			18	0
21.84	21.82	21.92	22.5			18	10
20.80	21.06	20.96	21.5			18	20
21.08	21.07	20.88	21.5			36	0
21.08	21.03	20.92	21.5		DFT-S 16QAM	1	1
19.50	19.40	19.34	20	DFT-S 64QAM	1	1	
17.58	17.58	17.51	18	DFT-S 256QAM	1	1	
20.44	20.54	20.40	21	CP QPSK	1	1	

NR Band n38 Ant 2							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
515000	519000	523000	Channel				
2575	2595	2615	Frequency (MHz)				
21.89	22.02	21.97	22.5	DFT-S $\pi/2$ BPSK	10 MHz	1	1
21.89	22.03	22.03	22.5			1	11
21.81	21.94	22.02	22.5			1	22
21.55	21.47	21.53	22			12	0
22.03	21.98	21.89	22.5			12	6
21.45	21.35	21.51	22			12	12
21.33	21.43	21.51	22			24	0
21.89	21.95	21.86	22.5	DFT-S QPSK		1	1
21.90	21.84	22.02	22.5			1	11
21.97	22.05	21.88	22.5			1	22
20.90	21.08	20.89	21.5			12	0
22.03	22.07	22.05	22.5			12	6
21.05	20.97	20.89	21.5			12	12
21.09	20.88	20.82	21.5			24	0
21.09	20.97	20.85	21.5	DFT-S 16QAM	1	1	
19.60	19.39	19.53	20	DFT-S 64QAM	1	1	
17.45	17.53	17.58	18	DFT-S 256QAM	1	1	
20.46	20.35	20.49	21	CP QPSK	1	1	

NR Band n41 Ant 2										
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)					
22.10	22.16	22.18	22.10	22.17	22.5	DFT-S $\pi/2$ BPSK	100 MHz	1	1	
22.14	22.15	22.20	22.14	22.14	22.5			1	137	
22.13	22.13	22.19	22.14	22.13	22.5			1	271	
21.69	21.62	21.62	21.69	21.61	22			135	0	
22.20	22.16	22.12	22.20	22.15	22.5			135	69	
21.62	21.70	21.66	21.62	21.64	22			135	138	
21.65	21.64	21.60	21.61	21.68	22			270	0	
22.41	22.35	22.43	22.39	22.39	22.5	DFT-S QPSK		1	1	
22.13	22.11	22.18	22.19	22.17	22.5			1	137	
22.18	22.12	22.12	22.19	22.17	22.5			1	271	
21.13	21.10	21.15	21.12	21.11	21.5			135	0	
22.31	22.32	22.38	22.36	22.34	22.5			135	69	
21.14	21.15	21.20	21.16	21.19	21.5			135	138	
21.37	21.35	21.39	21.31	21.30	21.5			270	0	
21.14	21.13	21.10	21.14	21.16	21.5	DFT-S 16QAM	1	1		
19.60	19.61	19.63	19.68	19.64	20	DFT-S 64QAM	1	1		
17.70	17.66	17.65	17.63	17.65	18	DFT-S 256QAM	1	1		
20.70	20.61	20.62	20.68	20.66	21	CP QPSK	1	1		



NR Band n41 Ant 2										
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)					
21.82	21.95	21.94	21.83	22.01	22.5	DFT-S $\pi/2$ BPSK	90 MHz	1	1	
21.89	21.90	21.92	22.05	22.09	22.5			1	123	
21.92	22.09	21.93	21.87	22.00	22.5			1	243	
21.47	21.42	21.42	21.33	21.51	22			120	0	
21.92	21.93	22.04	21.87	21.92	22.5			120	63	
21.34	21.51	21.51	21.37	21.36	22			120	125	
21.46	21.30	21.32	21.34	21.42	22			243	0	
21.84	21.92	21.93	21.91	21.81	22.5	DFT-S QPSK		1	1	
22.09	21.85	21.90	21.98	21.86	22.5			1	123	
21.87	21.82	22.01	21.85	22.01	22.5			1	243	
21.08	20.88	21.06	20.81	21.06	21.5			120	0	
22.02	21.91	21.96	21.94	21.87	22.5			120	63	
20.88	20.86	20.96	20.89	20.80	21.5			120	125	
21.02	21.07	20.81	20.85	20.99	21.5			243	0	
21.08	21.04	20.89	20.91	21.07	21.5		1	1		
19.41	19.34	19.41	19.53	19.43	20	DFT-S 64QAM	1	1		
17.60	17.52	17.46	17.52	17.30	18	DFT-S 256QAM	1	1		
20.46	20.46	20.50	20.56	20.42	21	CP QPSK	1	1		

NR Band n41 Ant 2									
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)				
21.93	21.89	21.83	21.99	21.91	22.5	DFT-S $\pi/2$ BPSK	80 MHz	1	1
22.01	21.88	22.08	21.84	21.99	22.5			1	109
21.86	21.85	22.04	22.03	22.05	22.5			1	215
21.58	21.31	21.59	21.42	21.30	22			108	0
21.87	21.94	22.07	21.99	21.84	22.5			108	55
21.39	21.32	21.30	21.35	21.56	22			108	109
21.46	21.46	21.50	21.59	21.54	22	216		0	
21.90	21.83	22.08	21.84	21.89	22.5	DFT-S QPSK		1	1
21.96	22.01	21.80	21.80	21.91	22.5			1	109
22.00	21.96	21.84	22.00	21.95	22.5			1	215
21.10	20.95	20.91	21.10	21.08	21.5			108	0
22.01	21.92	21.85	22.03	21.88	22.5			108	55
20.94	20.80	20.80	21.09	20.90	21.5			108	109
21.03	21.03	20.86	20.87	21.04	21.5			216	0
20.91	20.96	20.89	20.88	20.80	21.5			1	1
19.42	19.58	19.35	19.33	19.48	20	DFT-S 64QAM		1	1
17.57	17.57	17.42	17.37	17.40	18	DFT-S 256QAM	1	1	
20.58	20.43	20.59	20.50	20.44	21	CP QPSK	1	1	

NR Band n41 Ant 2										
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)					
22.08	21.82	21.83	22.07	21.87	22.5	DFT-S $\pi/2$ BPSK	70 MHz	1	1	
21.93	22.07	21.93	21.96	22.08	22.5			1	95	
21.85	21.95	22.03	22.10	21.89	22.5			1	187	
21.60	21.56	21.45	21.37	21.58	22			90	0	
22.05	21.99	21.96	21.81	21.87	22.5			90	50	
21.41	21.30	21.49	21.39	21.50	22			90	99	
21.53	21.31	21.44	21.53	21.30	22			180	0	
22.04	22.04	22.04	21.87	22.05	22.5	DFT-S QPSK		1	1	
21.81	21.83	21.81	21.94	21.97	22.5			1	95	
21.93	21.96	21.97	21.96	22.02	22.5			1	187	
20.90	21.06	21.08	20.81	20.98	21.5			90	0	
21.81	22.01	21.81	21.87	21.81	22.5			90	50	
20.90	20.95	21.09	20.94	20.97	21.5			90	99	
20.82	20.84	21.06	20.97	21.05	21.5			180	0	
20.96	20.85	21.06	21.07	20.97	21.5		1	1		
19.57	19.56	19.57	19.44	19.57	20	DFT-S 64QAM	1	1		
17.41	17.42	17.35	17.38	17.36	18	DFT-S 256QAM	1	1		
20.36	20.39	20.36	20.34	20.36	21	CP QPSK	1	1		

NR Band n41 Ant 2										
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)					
22.00	22.10	22.01	21.85	21.97	22.5	DFT-S $\pi/2$ BPSK	60 MHz	1	1	
21.93	22.08	21.99	21.84	21.97	22.5			1	81	
21.83	21.83	21.87	21.91	21.94	22.5			1	160	
21.44	21.51	21.52	21.37	21.32	22			81	0	
22.04	22.08	21.90	21.85	22.01	22.5			81	41	
21.52	21.51	21.32	21.48	21.50	22			81	81	
21.39	21.55	21.30	21.57	21.42	22			162	0	
22.10	21.93	21.91	21.89	22.07	22.5	DFT-S QPSK		1	1	
21.99	21.86	21.92	22.02	21.97	22.5			1	81	
21.91	21.96	21.82	22.10	22.04	22.5			1	160	
20.88	21.03	20.84	20.85	21.04	21.5			81	0	
22.00	22.07	21.97	21.90	21.81	22.5			81	41	
21.01	20.93	20.84	20.96	20.97	21.5			81	81	
20.93	20.88	21.10	21.10	20.83	21.5			162	0	
20.94	20.98	20.89	21.02	21.06	21.5		DFT-S 16QAM	1	1	
19.56	19.46	19.39	19.40	19.58	20	DFT-S 64QAM	1	1		
17.46	17.34	17.39	17.30	17.35	18	DFT-S 256QAM	1	1		
20.56	20.58	20.35	20.40	20.56	21	CP QPSK	1	1		

NR Band n41 Ant 2										
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)					
21.81	22.01	21.89	21.84	21.99	22.5	DFT-S $\pi/2$ BPSK	50 MHz	1	1	
21.84	21.98	21.98	21.90	21.82	22.5			1	67	
22.00	21.93	21.93	22.04	21.87	22.5			1	131	
21.44	21.43	21.37	21.39	21.58	22			64	0	
21.98	22.03	21.85	21.92	21.93	22.5			64	35	
21.36	21.59	21.59	21.55	21.30	22			64	69	
21.58	21.57	21.45	21.48	21.59	22			128	0	
22.03	21.90	22.00	22.02	21.91	22.5	DFT-S QPSK		1	1	
21.83	21.98	21.84	22.02	21.85	22.5			1	67	
21.93	21.99	22.03	21.84	22.04	22.5			1	131	
21.09	20.86	21.03	20.85	20.80	21.5			64	0	
21.81	21.83	21.92	22.02	21.96	22.5			64	35	
20.98	21.03	20.92	21.09	20.96	21.5			64	69	
20.81	20.80	20.92	21.05	21.07	21.5			128	0	
21.00	20.84	21.06	21.06	20.98	21.5		DFT-S 16QAM	1	1	
19.53	19.30	19.46	19.31	19.59	20	DFT-S 64QAM	1	1		
17.31	17.31	17.41	17.47	17.60	18	DFT-S 256QAM	1	1		
20.57	20.32	20.55	20.36	20.33	21	CP QPSK	1	1		

NR Band n41 Ant 2										
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)					
22.10	21.88	21.95	21.99	22.05	22.5	DFT-S $\pi/2$ BPSK	40 MHz	1	1	
21.85	22.07	21.95	22.01	22.01	22.5			1	53	
21.96	22.01	21.85	21.85	21.88	22.5			1	104	
21.36	21.34	21.35	21.51	21.40	22			50	0	
22.10	21.96	22.02	22.10	21.87	22.5			50	28	
21.31	21.41	21.47	21.43	21.45	22			50	56	
21.60	21.39	21.33	21.60	21.44	22	100		0		
21.95	21.96	22.10	22.06	21.84	22.5	DFT-S QPSK		1	1	
21.86	22.04	21.86	21.85	21.81	22.5			1	53	
21.99	21.86	21.98	21.99	22.05	22.5			1	104	
20.97	20.93	20.85	20.85	20.84	21.5			50	0	
22.02	21.88	22.00	21.93	22.06	22.5			50	28	
21.09	20.97	20.94	20.82	20.87	21.5		50	56		
20.96	21.06	21.06	20.80	21.03	21.5	100	0			
21.00	21.10	20.97	20.93	21.08	21.5	DFT-S 16QAM	1	1		
19.49	19.59	19.46	19.32	19.57	20	DFT-S 64QAM	1	1		
17.53	17.48	17.48	17.36	17.54	18	DFT-S 256QAM	1	1		
20.32	20.36	20.40	20.49	20.39	21	CP QPSK	1	1		

NR Band n41 Ant 2										
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)					
21.92	21.82	21.81	21.81	21.89	22.5	DFT-S $\pi/2$ BPSK	30 MHz	1	1	
21.99	21.82	21.95	21.90	21.94	22.5			1	39	
21.81	21.99	21.93	21.84	22.06	22.5			1	76	
21.49	21.59	21.52	21.49	21.31	22			36	0	
21.99	21.90	22.09	21.99	21.85	22.5			36	21	
21.31	21.55	21.37	21.50	21.31	22			36	42	
21.53	21.58	21.59	21.31	21.42	22	75		0		
22.08	22.08	21.98	21.93	21.86	22.5	DFT-S QPSK		1	1	
21.81	21.82	21.90	21.81	21.84	22.5			1	39	
22.01	21.88	22.07	21.80	21.95	22.5			1	76	
20.97	20.98	20.96	21.03	21.04	21.5			36	0	
22.01	21.80	21.91	21.86	21.91	22.5			36	21	
21.03	21.02	20.84	20.91	20.86	21.5		36	42		
21.01	20.95	20.92	20.87	20.80	21.5	75	0			
21.00	20.93	20.84	20.95	21.00	21.5	DFT-S 16QAM	1	1		
19.54	19.47	19.60	19.40	19.54	20	DFT-S 64QAM	1	1		
17.38	17.46	17.46	17.41	17.34	18	DFT-S 256QAM	1	1		
20.56	20.59	20.50	20.38	20.35	21	CP QPSK	1	1		

NR Band n41 Ant 2									
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)				
22.07	21.91	22.06	21.97	21.87	22.5	DFT-S $\pi/2$ BPSK	20 MHz	1	1
21.98	22.09	22.04	21.87	21.96	22.5			1	26
22.08	21.81	21.89	22.02	21.81	22.5			1	49
21.42	21.36	21.46	21.58	21.40	22			25	0
22.04	22.09	21.92	22.04	21.90	22.5			25	13
21.39	21.59	21.39	21.56	21.45	22			25	26
21.52	21.43	21.50	21.37	21.43	22	50		0	
21.85	21.89	21.80	22.01	22.07	22.5	DFT-S QPSK		1	1
21.89	22.08	21.97	21.99	21.87	22.5			1	26
21.97	22.10	21.81	21.81	21.89	22.5			1	49
20.84	20.82	20.80	20.92	20.81	21.5			25	0
21.97	22.04	21.93	21.85	21.97	22.5			25	13
21.04	20.82	21.07	21.10	21.01	21.5		25	26	
20.80	20.97	20.99	20.96	21.00	21.5		50	0	
20.99	21.05	21.05	20.94	21.06	21.5		DFT-S 16QAM	1	1
19.56	19.57	19.45	19.34	19.30	20	DFT-S 64QAM	1	1	
17.41	17.52	17.47	17.32	17.36	18	DFT-S 256QAM	1	1	
20.49	20.55	20.30	20.52	20.41	21	CP QPSK	1	1	



NR Band n41 Ant 2										
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)					
21.94	21.97	22.10	21.81	21.84	22.5	DFT-S $\pi/2$ BPSK	15 MHz	1	1	
21.88	21.96	21.99	21.84	21.93	22.5			1	19	
21.87	21.89	22.08	22.00	21.82	22.5			1	36	
21.41	21.56	21.55	21.53	21.38	22			18	0	
22.04	21.84	22.10	21.97	21.98	22.5			18	10	
21.41	21.53	21.31	21.51	21.46	22			18	20	
21.49	21.34	21.38	21.50	21.52	22	36		0		
21.84	21.80	21.92	21.84	21.95	22.5	DFT-S QPSK		1	1	
21.90	21.99	22.03	22.07	21.87	22.5			1	19	
21.95	21.82	22.08	22.00	21.97	22.5			1	36	
20.95	20.86	21.06	20.89	20.96	21.5			18	0	
21.96	21.81	21.97	21.98	22.05	22.5			18	10	
20.99	20.92	21.03	20.82	20.94	21.5		18	20		
20.90	20.93	21.09	21.07	20.91	21.5	36	0			
20.88	20.96	20.97	20.89	20.82	21.5	DFT-S 16QAM	1	1		
19.37	19.40	19.43	19.53	19.56	20	DFT-S 64QAM	1	1		
17.43	17.34	17.42	17.39	17.38	18	DFT-S 256QAM	1	1		
20.36	20.43	20.40	20.40	20.46	21	CP QPSK	1	1		

NR Band n41 Ant 2										
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)					
22.10	22.03	21.90	22.05	22.00	22.5	DFT-S $\pi/2$ BPSK	10 MHz	1	1	
21.93	21.91	21.87	22.04	22.05	22.5			1	11	
21.84	21.96	21.93	21.82	22.09	22.5			1	22	
21.37	21.32	21.59	21.47	21.37	22			12	0	
21.88	22.00	21.81	21.93	21.90	22.5			12	6	
21.32	21.52	21.46	21.32	21.46	22			12	12	
21.51	21.35	21.38	21.37	21.33	22			24	0	
22.03	22.03	22.02	22.05	21.87	22.5	DFT-S QPSK		1	1	
21.86	21.93	22.09	21.93	21.85	22.5			1	11	
22.06	22.00	21.87	22.09	21.82	22.5			1	22	
21.08	20.85	20.85	20.88	20.81	21.5			12	0	
21.84	21.98	21.97	22.10	22.00	22.5			12	6	
21.10	21.09	21.07	21.09	20.90	21.5			12	12	
21.05	20.80	21.07	20.98	20.92	21.5			24	0	
20.94	20.99	21.00	20.91	20.80	21.5		1	1		
19.57	19.31	19.34	19.37	19.59	20	DFT-S 64QAM	1	1		
17.52	17.54	17.56	17.47	17.35	18	DFT-S 256QAM	1	1		
20.55	20.32	20.52	20.59	20.50	21	CP QPSK	1	1		