

NR Band n38 Ant 3							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
518000	519000	520000	Channel				
2590	2595	2600	Frequency (MHz)				
19.12	19.13	19.17	19.5	DFT-S $\pi/2$ BPSK	40 MHz	1	1
19.16	19.10	19.17	19.5			1	53
19.16	19.11	19.17	19.5			1	104
18.66	18.60	18.66	19			50	0
19.19	19.11	19.12	19.5			50	28
18.60	18.65	18.65	19			50	56
18.70	18.67	18.64	19			100	0
19.37	19.42	19.35	19.5	DFT-S QPSK	40 MHz	1	1
19.14	19.16	19.13	19.5			1	53
19.12	19.17	19.12	19.5			1	104
18.12	18.20	18.15	18.5			50	0
19.37	19.38	19.33	19.5			50	28
18.14	18.10	18.11	18.5			50	56
18.36	18.39	18.30	18.5			100	0
18.12	18.19	18.11	18.5	DFT-S 16QAM	1	1	
16.63	16.63	16.69	17	DFT-S 64QAM	1	1	
14.67	14.65	14.64	15	DFT-S 256QAM	1	1	
17.60	17.63	17.63	18	CP QPSK	1	1	

NR Band n38 Ant 3							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
517000	519000	521000	Channel				
2585	2595	2605	Frequency (MHz)				
19.04	18.88	18.82	19.5	DFT-S $\pi/2$ BPSK	30 MHz	1	1
18.84	18.83	19.02	19.5			1	39
18.92	19.10	19.10	19.5			1	76
18.37	18.59	18.40	19			36	0
19.00	18.97	18.93	19.5			36	21
18.51	18.55	18.55	19			36	42
18.59	18.42	18.49	19			75	0
19.05	18.87	18.92	19.5	DFT-S QPSK		1	1
18.81	18.83	18.95	19.5			1	39
18.86	18.95	18.98	19.5			1	76
18.04	17.89	17.83	18.5			36	0
19.06	18.98	18.92	19.5			36	21
17.83	18.09	18.01	18.5			36	42
18.06	18.06	18.02	18.5			75	0
18.07	17.81	18.06	18.5	DFT-S 16QAM	1	1	
16.41	16.60	16.35	17	DFT-S 64QAM	1	1	
14.30	14.51	14.46	15	DFT-S 256QAM	1	1	
17.50	17.52	17.42	18	CP QPSK	1	1	

NR Band n38 Ant 3							
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)				
18.87	18.89	18.98	19.5	DFT-S $\pi/2$ BPSK	25 MHz	1	1
19.07	19.06	18.82	19.5			1	33
18.84	18.80	18.99	19.5			1	63
18.53	18.49	18.30	19			32	0
18.98	19.03	18.96	19.5			32	17
18.55	18.44	18.44	19			32	33
18.41	18.51	18.56	19			64	0
18.87	18.82	18.81	19.5	DFT-S QPSK		1	1
19.09	18.80	18.81	19.5			1	33
18.91	18.84	18.94	19.5			1	63
17.98	17.95	17.80	18.5			32	0
19.01	18.82	18.84	19.5			32	17
17.93	17.98	17.93	18.5			32	33
18.04	17.82	17.89	18.5			64	0
17.89	17.82	17.92	18.5	DFT-S 16QAM	1	1	
16.43	16.43	16.60	17	DFT-S 64QAM	1	1	
14.54	14.56	14.50	15	DFT-S 256QAM	1	1	
17.43	17.53	17.60	18	CP QPSK	1	1	

NR Band n38 Ant 3							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
516000	519000	522000	Channel				
2580	2595	2610	Frequency (MHz)				
18.89	19.07	19.01	19.5	DFT-S $\pi/2$ BPSK	20 MHz	1	1
18.89	19.07	19.07	19.5			1	26
18.86	19.01	19.02	19.5			1	49
18.53	18.56	18.41	19			25	0
18.97	18.94	19.07	19.5			25	13
18.56	18.43	18.41	19			25	26
18.34	18.38	18.43	19			50	0
18.88	18.83	19.08	19.5	DFT-S QPSK		1	1
19.00	19.00	18.82	19.5			1	26
19.10	18.90	18.98	19.5			1	49
17.94	17.97	17.96	18.5			25	0
18.89	18.96	18.80	19.5			25	13
17.81	17.85	17.91	18.5			25	26
18.06	17.95	18.07	18.5			50	0
18.05	18.03	17.96	18.5	DFT-S 16QAM	1	1	
16.50	16.40	16.32	17	DFT-S 64QAM	1	1	
14.52	14.37	14.58	15	DFT-S 256QAM	1	1	
17.48	17.48	17.52	18	CP QPSK	1	1	

NR Band n38 Ant 3							
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)				
18.96	18.96	19.03	19.5	DFT-S $\pi/2$ BPSK	15 MHz	1	1
19.05	18.83	18.95	19.5			1	19
18.85	18.97	18.96	19.5			1	36
18.57	18.49	18.57	19			18	0
18.81	18.97	18.80	19.5			18	10
18.42	18.53	18.33	19			18	20
18.44	18.46	18.30	19			36	0
18.82	18.97	18.99	19.5	DFT-S QPSK		1	1
19.08	18.97	18.85	19.5			1	19
18.85	18.94	18.94	19.5			1	36
18.05	18.04	18.09	18.5			18	0
18.94	18.87	19.01	19.5			18	10
17.82	18.06	18.04	18.5			18	20
17.86	17.85	17.92	18.5			36	0
18.04	18.03	17.87	18.5	DFT-S 16QAM	1	1	
16.58	16.52	16.40	17	DFT-S 64QAM	1	1	
14.53	14.40	14.36	15	DFT-S 256QAM	1	1	
17.44	17.48	17.49	18	CP QPSK	1	1	

NR Band n38 Ant 3							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
515000	519000	523000	Channel				
2575	2595	2615	Frequency (MHz)				
18.94	18.97	18.84	19.5	DFT-S $\pi/2$ BPSK	10 MHz	1	1
18.94	18.91	18.81	19.5			1	11
18.87	19.01	18.87	19.5			1	22
18.54	18.50	18.34	19			12	0
19.04	18.86	18.95	19.5			12	6
18.43	18.52	18.39	19			12	12
18.33	18.39	18.33	19			24	0
18.89	18.85	19.09	19.5	DFT-S QPSK		1	1
19.03	18.93	19.09	19.5			1	11
19.04	19.01	18.94	19.5			1	22
18.08	17.92	17.93	18.5			12	0
18.83	18.88	19.00	19.5			12	6
17.97	17.92	17.85	18.5			12	12
17.92	17.95	17.99	18.5			24	0
17.94	17.85	18.01	18.5		1	1	
16.51	16.40	16.49	17	DFT-S 64QAM	1	1	
14.40	14.38	14.30	15	DFT-S 256QAM	1	1	
17.42	17.56	17.51	18	CP QPSK	1	1	

NR Band n41 Ant 3										
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)					
19.17	19.20	19.17	19.13	19.14	19.5	DFT-S $\pi/2$ BPSK	100 MHz	1	1	
19.11	19.14	19.18	19.10	19.17	19.5			1	137	
19.12	19.11	19.14	19.10	19.12	19.5			1	271	
18.64	18.60	18.64	18.66	18.70	19			135	0	
19.18	19.19	19.16	19.17	19.20	19.5			135	69	
18.67	18.64	18.64	18.64	18.62	19			135	138	
18.65	18.69	18.62	18.61	18.67	19			270	0	
19.37	19.43	19.44	19.37	19.41	19.5	DFT-S QPSK		1	1	
19.11	19.20	19.17	19.10	19.19	19.5			1	137	
19.14	19.17	19.16	19.19	19.14	19.5			1	271	
18.16	18.16	18.17	18.14	18.20	18.5			135	0	
19.33	19.30	19.40	19.38	19.33	19.5			135	69	
18.14	18.15	18.11	18.14	18.13	18.5			135	138	
18.35	18.33	18.37	18.36	18.31	18.5			270	0	
18.10	18.16	18.15	18.12	18.18	18.5	DFT-S 16QAM	1	1		
16.69	16.65	16.64	16.64	16.66	17	DFT-S 64QAM	1	1		
14.60	14.64	14.66	14.68	14.64	15	DFT-S 256QAM	1	1		
17.60	17.67	17.66	17.62	17.68	18	CP QPSK	1	1		

NR Band n41 Ant 3										
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)					
19.03	19.04	18.87	18.87	19.05	19.5	DFT-S $\pi/2$ BPSK	90 MHz	1	1	
18.83	19.07	19.04	19.08	18.87	19.5			1	123	
18.99	19.01	19.09	19.09	18.97	19.5			1	243	
18.42	18.48	18.46	18.46	18.34	19			120	0	
19.05	18.97	18.99	19.06	18.92	19.5			120	63	
18.47	18.48	18.49	18.49	18.59	19			120	125	
18.43	18.38	18.49	18.36	18.43	19			243	0	
19.06	19.04	18.90	19.10	19.03	19.5	DFT-S QPSK		1	1	
18.94	18.84	18.94	18.81	19.05	19.5			1	123	
18.99	18.93	19.07	18.80	18.82	19.5			1	243	
18.02	17.98	17.81	18.08	17.99	18.5			120	0	
18.93	19.02	18.86	18.91	19.06	19.5			120	63	
17.80	18.09	17.99	18.09	18.10	18.5			120	125	
17.99	17.96	17.93	17.95	18.04	18.5			243	0	
18.01	18.10	17.93	17.87	17.89	18.5	DFT-S 16QAM	1	1		
16.44	16.47	16.35	16.50	16.37	17	DFT-S 64QAM	1	1		
14.59	14.32	14.32	14.34	14.32	15	DFT-S 256QAM	1	1		
17.39	17.38	17.36	17.41	17.32	18	CP QPSK	1	1		

NR Band n41 Ant 3										
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)					
19.06	19.01	18.86	19.07	18.96	19.5	DFT-S $\pi/2$ BPSK	80 MHz	1	1	
18.96	19.01	18.82	19.10	19.04	19.5			1	109	
19.03	18.97	18.85	18.99	18.93	19.5			1	215	
18.42	18.37	18.42	18.35	18.42	19			108	0	
19.01	19.04	18.82	18.89	19.04	19.5			108	55	
18.58	18.32	18.54	18.34	18.58	19			108	109	
18.36	18.58	18.41	18.36	18.55	19			216	0	
19.04	19.00	19.10	19.09	18.87	19.5	DFT-S QPSK		1	1	
18.93	19.04	19.04	19.02	18.90	19.5			1	109	
18.83	19.00	18.92	18.83	18.97	19.5			1	215	
17.85	17.92	18.02	17.81	18.07	18.5			108	0	
18.92	19.09	19.03	19.09	18.97	19.5			108	55	
17.96	17.91	17.94	17.96	17.91	18.5			108	109	
17.80	17.93	18.02	17.85	17.89	18.5			216	0	
17.96	18.03	18.01	17.84	17.81	18.5	DFT-S 16QAM	1	1		
16.44	16.40	16.30	16.49	16.50	17	DFT-S 64QAM	1	1		
14.48	14.47	14.58	14.60	14.56	15	DFT-S 256QAM	1	1		
17.36	17.40	17.50	17.55	17.36	18	CP QPSK	1	1		

NR Band n41 Ant 3										
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)					
18.88	18.96	18.91	18.82	18.85	19.5	DFT-S $\pi/2$ BPSK	70 MHz	1	1	
18.93	18.86	19.00	18.88	19.00	19.5			1	95	
18.98	18.93	19.05	18.92	19.01	19.5			1	187	
18.53	18.43	18.35	18.33	18.37	19			90	0	
18.91	18.88	18.96	19.10	18.93	19.5			90	50	
18.35	18.32	18.30	18.31	18.41	19			90	99	
18.41	18.55	18.55	18.41	18.48	19			180	0	
18.93	18.96	19.09	19.03	18.80	19.5	DFT-S QPSK		1	1	
18.80	18.91	18.86	18.88	19.10	19.5			1	95	
18.96	18.90	18.94	18.95	18.98	19.5			1	187	
18.03	18.08	17.85	18.01	17.82	18.5			90	0	
19.01	19.04	19.00	18.84	19.09	19.5			90	50	
17.97	17.80	17.94	18.07	18.09	18.5			90	99	
18.10	17.80	17.85	18.05	17.91	18.5			180	0	
18.04	18.00	17.88	17.93	17.92	18.5	DFT-S 16QAM	1	1		
16.39	16.51	16.30	16.41	16.31	17	DFT-S 64QAM	1	1		
14.50	14.32	14.35	14.52	14.33	15	DFT-S 256QAM	1	1		
17.32	17.44	17.36	17.30	17.44	18	CP QPSK	1	1		

NR Band n41 Ant 3										
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)					
18.93	19.03	19.08	18.95	19.00	19.5	DFT-S $\pi/2$ BPSK	60 MHz	1	1	
18.98	18.82	19.05	18.81	18.83	19.5			1	81	
18.86	19.02	19.05	19.00	18.83	19.5			1	160	
18.38	18.44	18.37	18.32	18.36	19			81	0	
18.96	18.90	19.06	19.05	19.01	19.5			81	41	
18.47	18.58	18.34	18.43	18.60	19			81	81	
18.54	18.38	18.31	18.46	18.58	19			162	0	
18.86	18.82	18.82	19.07	19.03	19.5	DFT-S QPSK		1	1	
18.88	18.83	19.02	19.00	18.82	19.5			1	81	
19.09	19.08	18.97	18.95	18.93	19.5			1	160	
18.00	18.00	18.08	17.85	18.05	18.5			81	0	
18.82	18.84	19.07	18.95	19.04	19.5			81	41	
18.03	18.05	18.06	18.01	17.95	18.5			81	81	
17.92	18.02	17.80	17.84	18.06	18.5			162	0	
17.84	17.85	18.05	17.84	17.95	18.5	DFT-S 16QAM	1	1		
16.59	16.59	16.50	16.37	16.51	17	DFT-S 64QAM	1	1		
14.36	14.36	14.45	14.51	14.49	15	DFT-S 256QAM	1	1		
17.33	17.30	17.54	17.49	17.50	18	CP QPSK	1	1		

NR Band n41 Ant 3										
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)					
18.80	18.81	18.94	19.08	19.01	19.5	DFT-S $\pi/2$ BPSK	50 MHz	1	1	
18.94	19.04	18.80	19.08	18.96	19.5			1	67	
19.01	19.06	19.05	18.88	18.85	19.5			1	131	
18.30	18.59	18.31	18.32	18.40	19			64	0	
19.03	18.95	18.97	18.80	18.81	19.5			64	35	
18.57	18.50	18.57	18.32	18.39	19			64	69	
18.37	18.55	18.39	18.32	18.41	19			128	0	
18.96	18.86	19.05	18.83	19.02	19.5	DFT-S QPSK		1	1	
19.03	18.84	19.01	19.01	18.96	19.5			1	67	
19.04	18.99	18.98	19.04	18.94	19.5			1	131	
17.81	17.91	17.98	17.82	17.99	18.5			64	0	
18.89	18.84	18.88	18.92	19.00	19.5			64	35	
17.99	18.00	17.81	18.01	18.09	18.5			64	69	
18.04	17.80	17.95	17.83	18.08	18.5			128	0	
17.95	18.10	17.82	17.85	18.00	18.5	DFT-S 16QAM	1	1		
16.60	16.57	16.32	16.38	16.30	17	DFT-S 64QAM	1	1		
14.56	14.55	14.46	14.47	14.35	15	DFT-S 256QAM	1	1		
17.59	17.50	17.56	17.37	17.37	18	CP QPSK	1	1		

NR Band n41 Ant 3										
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)					
18.95	18.99	18.90	19.08	19.00	19.5	DFT-S $\pi/2$ BPSK	40 MHz	1	1	
19.07	18.96	19.07	18.97	18.82	19.5			1	53	
18.87	19.02	18.88	18.97	18.98	19.5			1	104	
18.30	18.34	18.52	18.44	18.57	19			50	0	
18.98	18.83	18.87	18.85	18.93	19.5			50	28	
18.43	18.56	18.35	18.52	18.55	19			50	56	
18.37	18.51	18.57	18.44	18.53	19			100	0	
19.10	19.08	19.00	18.84	18.95	19.5	DFT-S QPSK		1	1	
19.07	19.01	18.96	19.10	18.88	19.5			1	53	
19.10	18.92	19.04	19.07	18.87	19.5			1	104	
18.07	17.80	18.01	18.07	17.81	18.5			50	0	
19.01	19.02	19.05	19.02	19.04	19.5			50	28	
17.88	18.03	18.02	18.02	18.02	18.5			50	56	
17.90	18.06	17.98	17.95	18.10	18.5			100	0	
17.99	17.97	17.82	18.01	18.07	18.5	DFT-S 16QAM	1	1		
16.43	16.46	16.47	16.38	16.57	17	DFT-S 64QAM	1	1		
14.54	14.35	14.30	14.44	14.30	15	DFT-S 256QAM	1	1		
17.44	17.43	17.40	17.39	17.57	18	CP QPSK	1	1		

NR Band n41 Ant 3									
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)				
19.09	18.86	18.95	19.09	19.00	19.5	DFT-S $\pi/2$ BPSK	30 MHz	1	1
18.83	18.86	18.99	18.97	19.03	19.5			1	39
18.90	19.08	19.00	19.02	19.00	19.5			1	76
18.30	18.37	18.52	18.60	18.35	19			36	0
18.96	18.98	18.82	18.88	19.01	19.5			36	21
18.46	18.60	18.40	18.44	18.31	19			36	42
18.53	18.33	18.36	18.49	18.58	19			75	0
18.97	18.86	18.85	19.02	19.04	19.5	DFT-S QPSK		1	1
18.95	18.85	19.03	18.92	18.81	19.5			1	39
18.96	18.84	18.94	19.01	19.10	19.5			1	76
17.83	17.82	17.96	17.80	17.97	18.5			36	0
18.98	18.96	18.81	18.82	19.08	19.5			36	21
18.09	17.81	18.09	17.89	18.09	18.5			36	42
17.89	18.08	18.09	17.97	17.89	18.5			75	0
17.80	17.86	17.98	17.92	17.94	18.5	DFT-S 16QAM	1	1	
16.50	16.36	16.36	16.35	16.60	17	DFT-S 64QAM	1	1	
14.47	14.33	14.52	14.38	14.39	15	DFT-S 256QAM	1	1	
17.42	17.45	17.53	17.47	17.54	18	CP QPSK	1	1	

NR Band n41 Ant 3										
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)					
18.80	18.84	19.00	18.82	18.85	19.5	DFT-S $\pi/2$ BPSK	20 MHz	1	1	
18.83	19.09	18.95	18.96	18.86	19.5			1	26	
19.02	19.02	18.88	18.89	18.98	19.5			1	49	
18.60	18.50	18.44	18.51	18.56	19			25	0	
19.08	18.94	18.90	19.02	19.08	19.5			25	13	
18.34	18.32	18.52	18.50	18.50	19			25	26	
18.30	18.37	18.57	18.41	18.46	19			50	0	
18.89	18.89	18.80	19.00	19.08	19.5	DFT-S QPSK		1	1	
18.98	18.95	18.94	19.04	19.01	19.5			1	26	
18.84	19.10	18.95	19.02	18.95	19.5			1	49	
17.96	18.09	17.88	18.03	18.04	18.5			25	0	
18.82	18.80	19.06	18.96	19.01	19.5			25	13	
17.88	17.88	17.93	17.93	17.93	18.5			25	26	
17.99	18.10	18.01	17.98	17.94	18.5			50	0	
18.03	18.04	17.92	17.87	17.92	18.5	DFT-S 16QAM	1	1		
16.44	16.51	16.40	16.36	16.58	17	DFT-S 64QAM	1	1		
14.54	14.33	14.57	14.47	14.48	15	DFT-S 256QAM	1	1		
17.55	17.54	17.50	17.38	17.46	18	CP QPSK	1	1		

NR Band n41 Ant 3									
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)				
18.84	18.97	18.89	18.82	19.01	19.5	DFT-S $\pi/2$ BPSK	15 MHz	1	1
18.90	18.96	18.98	18.98	18.91	19.5			1	19
18.80	18.89	19.07	19.08	19.00	19.5			1	36
18.54	18.45	18.31	18.50	18.31	19			18	0
18.98	18.82	19.01	19.00	19.10	19.5			18	10
18.42	18.35	18.53	18.43	18.48	19			18	20
18.44	18.50	18.54	18.42	18.35	19			36	0
19.07	19.05	18.83	18.90	18.94	19.5	DFT-S QPSK		1	1
18.90	18.97	18.99	18.85	18.83	19.5			1	19
18.97	18.81	19.01	18.85	19.10	19.5			1	36
17.91	17.97	17.82	18.07	17.82	18.5			18	0
19.05	19.09	18.81	18.89	18.94	19.5			18	10
17.91	17.89	17.81	17.90	18.05	18.5			18	20
18.00	18.09	17.92	18.09	17.92	18.5			36	0
18.05	18.00	18.05	17.84	17.91	18.5	DFT-S 16QAM	1	1	
16.46	16.56	16.38	16.44	16.42	17	DFT-S 64QAM	1	1	
14.51	14.42	14.50	14.52	14.35	15	DFT-S 256QAM	1	1	
17.36	17.56	17.51	17.41	17.45	18	CP QPSK	1	1	

NR Band n41 Ant 3										
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)					
19.10	19.08	19.06	19.02	19.06	19.5	DFT-S $\pi/2$ BPSK	10 MHz	1	1	
18.89	18.89	18.87	18.97	19.03	19.5			1	11	
19.08	18.80	18.86	18.88	19.07	19.5			1	22	
18.42	18.39	18.44	18.35	18.46	19			12	0	
19.03	18.88	19.10	18.91	18.84	19.5			12	6	
18.38	18.52	18.55	18.54	18.34	19			12	12	
18.37	18.46	18.38	18.40	18.39	19			24	0	
19.02	18.94	18.81	18.81	18.96	19.5	DFT-S QPSK		1	1	
19.02	18.92	18.96	19.02	19.04	19.5			1	11	
18.97	18.81	19.03	18.87	19.04	19.5			1	22	
18.05	18.01	18.00	18.04	18.10	18.5			12	0	
19.02	18.80	18.95	19.02	18.92	19.5			12	6	
18.08	17.97	18.01	18.04	18.02	18.5			12	12	
17.87	18.03	17.88	17.94	18.09	18.5			24	0	
17.81	17.80	17.80	18.00	17.93	18.5		1	1		
16.43	16.45	16.59	16.41	16.45	17	DFT-S 64QAM	1	1		
14.52	14.36	14.46	14.54	14.31	15	DFT-S 256QAM	1	1		
17.51	17.34	17.30	17.32	17.36	18	CP QPSK	1	1		

NR Band n48 Ant 4								
Maximum Average Power (dBm)				Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
638000	640444	642888	645332	Channel				
3570	3606.66	3643.32	3679.98	Frequency (MHz)				
17.45	17.35	17.32	17.40	18	DFT-S $\pi/2$ BPSK	40 MHz	1	1
17.46	17.30	17.37	17.52	18			1	53
17.53	17.40	17.58	17.56	18			1	104
17.02	16.90	16.98	17.10	17.5			50	0
17.42	17.52	17.51	17.46	18			50	28
16.88	17.07	16.81	16.85	17.5			50	56
16.91	16.84	16.97	16.99	17.5			100	0
17.96	17.99	17.97	17.94	18	DFT-S QPSK		1	1
17.41	17.43	17.30	17.30	18			1	53
17.54	17.57	17.40	17.58	18			1	104
16.57	16.49	16.36	16.49	17			50	0
17.91	17.95	17.92	17.88	18			50	28
16.53	16.42	16.40	16.46	17			50	56
16.95	16.98	16.97	16.91	17			100	0
16.58	16.37	16.30	16.38	17	DFT-S 16QAM	1	1	
14.99	14.85	15.04	14.84	15.5	DFT-S 64QAM	1	1	
12.93	12.94	12.85	12.98	13.5	DFT-S 256QAM	1	1	
15.84	15.87	15.89	15.83	16.5	CP QPSK	1	1	

NR Band n48								
Maximum Average Power (dBm)				Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
637668	640334	643000	645666					
Channel				Frequency (MHz)				
3565.02	3605.01	3645	3684.99					
17.53	17.48	17.30	17.51	18	DFT-S $\pi/2$ BPSK	30 MHz	1	1
17.39	17.41	17.47	17.41	18			1	39
17.51	17.48	17.31	17.36	18			1	76
17.08	16.97	17.06	17.02	17.5			36	0
17.47	17.33	17.49	17.53	18			36	21
16.92	16.92	16.86	16.85	17.5			36	42
16.95	16.98	17.00	16.83	17.5			75	0
17.55	17.60	17.49	17.34	18	DFT-S QPSK		1	1
17.33	17.54	17.32	17.43	18			1	39
17.48	17.44	17.46	17.47	18			1	76
16.34	16.53	16.50	16.33	17			36	0
17.60	17.41	17.55	17.53	18			36	21
16.44	16.34	16.38	16.36	17			36	42
16.50	16.30	16.40	16.45	17			75	0
16.53	16.41	16.41	16.38	17	DFT-S 16QAM	1	1	
14.88	14.87	15.07	15.01	15.5	DFT-S 64QAM	1	1	
13.05	13.03	12.81	13.01	13.5	DFT-S 256QAM	1	1	
16.07	15.89	16.09	16.09	16.5	CP QPSK	1	1	

NR Band n48								
Maximum Average Power (dBm)				Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
637334	640220	643114	646000					
Channel				Frequency (MHz)				
3560.01	3603.3	3646.71	3690					
17.46	17.30	17.32	17.35	18	DFT-S $\pi/2$ BPSK	20 MHz	1	1
17.44	17.42	17.52	17.47	18			1	26
17.47	17.50	17.42	17.36	18			1	49
17.02	17.03	16.80	17.05	17.5			25	0
17.37	17.45	17.31	17.32	18			25	13
17.05	16.85	17.06	17.01	17.5			25	26
16.81	16.84	16.88	16.93	17.5			50	0
17.41	17.59	17.33	17.59	18	DFT-S QPSK		1	1
17.34	17.50	17.45	17.33	18			1	26
17.50	17.46	17.40	17.32	18			1	49
16.39	16.32	16.40	16.30	17			25	0
17.54	17.46	17.30	17.57	18			25	13
16.60	16.30	16.32	16.30	17			25	26
16.35	16.59	16.52	16.49	17			50	0
16.34	16.38	16.34	16.45	17	DFT-S 16QAM	1	1	
14.99	14.92	14.82	14.85	15.5	DFT-S 64QAM	1	1	
13.01	13.07	12.80	12.82	13.5	DFT-S 256QAM	1	1	
15.83	16.07	16.07	15.81	16.5	CP QPSK	1	1	

NR Band n48								
Maximum Average Power (dBm)				Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
637168	640168	643166	646166					
Channel				Frequency (MHz)				
3557.52	3602.52	3647.49	3692.49					
17.39	17.42	17.44	17.52	18	DFT-S $\pi/2$ BPSK	15 MHz	1	1
17.44	17.31	17.34	17.49	18			1	19
17.42	17.41	17.54	17.56	18			1	36
17.03	16.89	16.92	16.95	17.5			18	0
17.35	17.42	17.33	17.42	18			18	10
16.84	16.82	16.85	17.07	17.5			18	20
16.98	16.91	17.01	17.08	17.5			36	0
17.42	17.49	17.43	17.30	18	DFT-S QPSK		1	1
17.44	17.41	17.56	17.57	18			1	19
17.39	17.57	17.47	17.35	18			1	36
16.49	16.59	16.48	16.60	17			18	0
17.37	17.53	17.55	17.47	18			18	10
16.44	16.42	16.30	16.51	17			18	20
16.55	16.59	16.53	16.41	17			36	0
16.30	16.32	16.57	16.32	17	DFT-S 16QAM	1	1	
14.96	15.00	15.01	14.83	15.5	DFT-S 64QAM	1	1	
13.07	13.09	12.97	13.03	13.5	DFT-S 256QAM	1	1	
15.83	16.09	15.99	16.08	16.5	CP QPSK	1	1	

NR Band n48								
Maximum Average Power (dBm)				Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
637000	640110	643222	646332					
Channel				Frequency (MHz)				
3555	3601.65	3648.33	3694.98					
17.37	17.53	17.35	17.38	18	DFT-S $\pi/2$ BPSK	10 MHz	1	1
17.49	17.56	17.56	17.45	18			1	11
17.54	17.55	17.49	17.52	18			1	22
17.00	16.84	16.94	17.10	17.5			12	0
17.52	17.36	17.38	17.53	18			12	6
16.95	16.84	17.00	16.92	17.5			12	12
16.85	16.96	16.89	16.90	17.5			24	0
17.41	17.54	17.52	17.40	18	DFT-S QPSK		1	1
17.52	17.49	17.37	17.36	18			1	11
17.55	17.50	17.59	17.47	18			1	22
16.33	16.43	16.40	16.60	17			12	0
17.57	17.32	17.44	17.39	18			12	6
16.49	16.56	16.44	16.54	17			12	12
16.41	16.30	16.46	16.47	17			24	0
16.58	16.43	16.59	16.48	17	DFT-S 16QAM	1	1	
14.99	15.02	14.91	15.02	15.5	DFT-S 64QAM	1	1	
13.00	13.06	12.96	13.03	13.5	DFT-S 256QAM	1	1	
15.90	15.97	16.07	16.09	16.5	CP QPSK	1	1	

NR Band n77 Ant 4												
Maximum Average Power (dBm)								Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
633334	637430	641524	645619	649714	653810	657904	662000	Channel				
3500.01	3561.45	3622.86	3684.3	3745.71	3807.15	3868.56	3930	Frequency (MHz)				
17.41	17.58	17.36	17.42	17.45	17.36	17.39	17.57	18	DFT-S $\pi/2$ BPSK	100 MHz	1	1
17.50	17.30	17.44	17.59	17.45	17.35	17.41	17.41	18			1	137
17.35	17.48	17.60	17.55	17.36	17.34	17.40	17.31	18			1	271
17.04	16.87	17.03	16.97	16.88	16.81	16.92	16.88	17.5			135	0
17.42	17.58	17.32	17.46	17.35	17.60	17.58	17.45	18			135	69
16.99	17.00	16.84	16.86	16.94	17.04	17.04	16.84	17.5			135	138
16.87	16.82	16.91	17.06	16.81	16.96	16.88	17.04	17.5			270	0
17.91	17.88	17.77	17.92	17.86	17.85	17.84	17.79	18	DFT-S QPSK		1	1
17.34	17.41	17.34	17.34	17.45	17.51	17.33	17.55	18			1	137
17.30	17.30	17.38	17.45	17.30	17.48	17.34	17.34	18			1	271
16.49	16.57	16.58	16.41	16.59	16.48	16.57	16.34	17			135	0
17.81	17.79	17.62	17.89	17.81	17.78	17.73	17.71	18			135	69
16.34	16.50	16.49	16.30	16.54	16.54	16.31	16.37	17			135	138
16.85	16.84	16.61	16.87	16.83	16.81	16.77	16.72	17			270	0
16.32	16.30	16.53	16.32	16.46	16.46	16.34	16.33	17	DFT-S 16QAM	1	1	
15.04	15.00	15.08	14.93	14.85	15.07	15.09	14.82	15.5	DFT-S 64QAM	1	1	
13.03	13.04	12.99	13.06	13.10	12.88	12.85	12.84	13.5	DFT-S 256QAM	1	1	
15.91	15.96	15.93	15.93	15.92	16.07	16.05	15.97	16.5	CP QPSK	1	1	

NR Band n77 Ant 4												
Maximum Average Power (dBm)								Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
633000	637190	641380	645570	649760	653950	658140	662333	Channel				
3495	3557.85	3620.7	3683.55	3746.4	3809.25	3872.1	3934.99	Frequency (MHz)				
17.33	17.32	17.44	17.44	17.44	17.30	17.40	17.49	18	DFT-S $\pi/2$ BPSK	90 MHz	1	1
17.30	17.49	17.46	17.47	17.53	17.53	17.47	17.56	18			1	123
17.43	17.33	17.59	17.49	17.48	17.37	17.38	17.47	18			1	243
17.02	16.99	16.91	17.02	16.84	16.98	17.02	16.88	17.5			120	0
17.33	17.36	17.56	17.33	17.38	17.46	17.45	17.38	18			120	63
16.98	17.00	17.04	16.83	16.99	17.10	16.95	16.94	17.5			120	125
17.10	16.81	17.09	16.82	17.03	16.89	16.97	16.81	17.5			243	0
17.34	17.46	17.41	17.35	17.45	17.36	17.49	17.46	18	DFT-S QPSK		1	1
17.50	17.54	17.30	17.60	17.54	17.47	17.46	17.42	18			1	123
17.39	17.40	17.58	17.36	17.43	17.56	17.56	17.43	18			1	243
16.30	16.39	16.45	16.52	16.43	16.43	16.30	16.37	17			120	0
17.31	17.30	17.42	17.35	17.30	17.56	17.55	17.34	18			120	63
16.60	16.53	16.42	16.48	16.46	16.47	16.51	16.32	17			120	125
16.54	16.43	16.52	16.39	16.34	16.51	16.52	16.56	17			243	0
16.57	16.53	16.60	16.31	16.46	16.43	16.50	16.41	17	DFT-S 16QAM	1	1	
14.85	14.86	14.94	14.95	15.00	14.81	14.89	14.99	15.5	DFT-S 64QAM	1	1	
13.10	13.04	12.86	13.06	12.82	12.99	12.93	12.99	13.5	DFT-S 256QAM	1	1	
15.97	16.08	16.00	15.93	15.91	15.85	16.03	15.88	16.5	CP QPSK	1	1	

NR Band n77 Ant 4												
Maximum Average Power (dBm)								Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
632680	636964	641248	645532	649816	654100	658382	662666	Channel				
3490.2	3554.46	3618.72	3682.98	3747.24	3811.5	3875.73	3939.99	Frequency (MHz)				
17.42	17.49	17.38	17.41	17.36	17.33	17.52	17.37	18	DFT-S $\pi/2$ BPSK	80 MHz	1	1
17.35	17.37	17.50	17.50	17.55	17.55	17.47	17.41	18			1	109
17.38	17.55	17.53	17.41	17.60	17.33	17.55	17.58	18			1	215
17.05	16.94	16.88	16.87	17.09	16.94	16.91	16.90	17.5			108	0
17.40	17.30	17.56	17.36	17.40	17.60	17.46	17.46	18			108	55
16.92	16.81	16.96	17.05	16.83	17.10	16.96	17.00	17.5			108	109
16.99	17.02	16.96	16.97	16.90	16.97	16.96	16.98	17.5			216	0
17.50	17.48	17.42	17.46	17.48	17.37	17.46	17.32	18	DFT-S QPSK		1	1
17.34	17.52	17.39	17.41	17.48	17.60	17.57	17.44	18			1	109
17.37	17.43	17.58	17.32	17.59	17.43	17.39	17.33	18			1	215
16.60	16.39	16.60	16.58	16.49	16.42	16.39	16.42	17			108	0
17.53	17.32	17.36	17.50	17.56	17.31	17.35	17.46	18			108	55
16.53	16.37	16.52	16.41	16.49	16.57	16.49	16.35	17			108	109
16.50	16.35	16.36	16.40	16.45	16.53	16.38	16.45	17			216	0
16.46	16.56	16.34	16.43	16.55	16.47	16.43	16.32	17	DFT-S 16QAM	1	1	
14.80	15.02	14.90	14.82	15.07	14.81	14.87	15.08	15.5	DFT-S 64QAM	1	1	
12.98	13.03	12.92	12.90	12.97	13.07	12.92	12.97	13.5	DFT-S 256QAM	1	1	
15.81	15.98	15.92	15.96	15.97	15.97	16.07	15.85	16.5	CP QPSK	1	1	

NR Band n77 Ant 4												
Maximum Average Power (dBm)								Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
632333	636712	641092	645472	649852	654232	658612	663000	Channel				
3485	3550.68	3616.38	3682.08	3747.78	3813.48	3879.18	3945	Frequency (MHz)				
17.37	17.38	17.34	17.46	17.56	17.53	17.47	17.42	18	DFT-S $\pi/2$ BPSK	70 MHz	1	1
17.48	17.43	17.56	17.44	17.40	17.30	17.57	17.36	18			1	95
17.34	17.40	17.50	17.58	17.43	17.60	17.42	17.50	18			1	187
16.87	17.09	16.83	16.94	16.83	17.03	16.87	16.94	17.5			90	0
17.34	17.53	17.51	17.48	17.45	17.52	17.38	17.59	18			90	50
17.01	16.82	16.93	17.10	17.10	16.82	17.09	16.99	17.5			90	99
16.80	17.07	17.01	16.85	16.89	16.89	17.06	17.02	17.5			180	0
17.53	17.55	17.42	17.40	17.54	17.45	17.55	17.53	18	DFT-S QPSK		1	1
17.31	17.44	17.36	17.53	17.53	17.57	17.57	17.31	18			1	95
17.53	17.45	17.54	17.56	17.32	17.31	17.51	17.36	18			1	187
16.48	16.56	16.54	16.30	16.50	16.53	16.49	16.36	17			90	0
17.37	17.60	17.41	17.32	17.43	17.32	17.30	17.44	18			90	50
16.58	16.32	16.48	16.46	16.59	16.58	16.51	16.42	17			90	99
16.44	16.37	16.59	16.58	16.53	16.33	16.41	16.60	17			180	0
16.34	16.38	16.48	16.48	16.34	16.34	16.59	16.42	17	DFT-S 16QAM	1	1	
14.93	14.90	15.02	14.95	15.09	15.07	15.03	14.98	15.5	DFT-S 64QAM	1	1	
13.01	12.84	12.99	12.91	12.85	12.90	12.89	12.89	13.5	DFT-S 256QAM	1	1	
15.87	16.07	15.95	16.08	15.84	15.80	15.84	16.01	16.5	CP QPSK	1	1	

NR Band n77 Ant 4												
Maximum Average Power (dBm)								Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
632000	636476	640952	645428	649904	654380	658856	663333	Channel				
3480	3547.14	3614.28	3681.42	3748.56	3815.7	3882.84	3949.99	Frequency (MHz)				
17.43	17.60	17.55	17.59	17.57	17.56	17.44	17.58	18	DFT-S $\pi/2$ BPSK	60 MHz	1	1
17.52	17.60	17.60	17.48	17.54	17.55	17.57	17.34	18			1	81
17.47	17.51	17.56	17.54	17.33	17.45	17.59	17.54	18			1	160
17.05	16.89	16.87	16.81	16.82	17.03	16.94	16.85	17.5			81	0
17.57	17.60	17.39	17.55	17.40	17.33	17.44	17.46	18			81	41
17.08	16.92	16.80	16.82	16.96	16.99	16.87	17.03	17.5			81	81
16.94	16.87	17.06	16.98	16.89	16.85	16.88	17.07	17.5			162	0
17.60	17.46	17.45	17.38	17.30	17.58	17.38	17.35	18	DFT-S QPSK		1	1
17.43	17.42	17.49	17.59	17.47	17.53	17.43	17.54	18			1	81
17.37	17.30	17.50	17.38	17.51	17.53	17.53	17.45	18			1	160
16.58	16.56	16.34	16.58	16.49	16.32	16.44	16.44	17			81	0
17.60	17.32	17.35	17.55	17.58	17.59	17.38	17.48	18			81	41
16.42	16.33	16.59	16.55	16.42	16.38	16.57	16.33	17			81	81
16.30	16.55	16.33	16.51	16.42	16.37	16.39	16.38	17			162	0
16.46	16.41	16.38	16.54	16.36	16.56	16.34	16.49	17	DFT-S 16QAM	1	1	
14.96	15.10	14.99	14.84	14.83	14.93	14.95	14.98	15.5	DFT-S 64QAM	1	1	
12.83	12.94	12.94	13.05	13.00	12.98	12.87	12.97	13.5	DFT-S 256QAM	1	1	
15.90	15.86	16.05	16.08	15.94	15.84	15.82	15.92	16.5	CP QPSK	1	1	

NR Band n77 Ant 4												
Maximum Average Power (dBm)								Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
631666	636238	640810	645382	649954	654526	659098	663666	Channel				
3474.99	3543.57	3612.15	3680.73	3749.31	3817.89	3886.47	3954.99	Frequency (MHz)				
17.42	17.57	17.55	17.48	17.48	17.50	17.30	17.40	18	DFT-S $\pi/2$ BPSK	50 MHz	1	1
17.32	17.40	17.56	17.52	17.35	17.42	17.49	17.36	18			1	67
17.41	17.35	17.55	17.42	17.51	17.57	17.45	17.35	18			1	131
17.06	17.00	16.93	16.94	17.08	16.83	16.89	16.95	17.5			64	0
17.54	17.52	17.60	17.46	17.46	17.44	17.52	17.34	18			64	35
16.81	16.88	16.86	17.00	17.00	17.02	16.88	16.89	17.5			64	69
17.08	16.84	16.99	17.10	17.10	17.05	17.00	16.95	17.5			128	0
17.53	17.36	17.49	17.51	17.50	17.57	17.38	17.44	18	DFT-S QPSK		1	1
17.30	17.55	17.58	17.43	17.59	17.32	17.47	17.50	18			1	1
17.37	17.42	17.43	17.39	17.49	17.39	17.35	17.35	18			1	67
16.31	16.42	16.43	16.39	16.46	16.42	16.33	16.59	17			1	131
17.31	17.55	17.50	17.49	17.59	17.60	17.44	17.42	18			64	0
16.41	16.58	16.53	16.46	16.35	16.34	16.55	16.57	17			64	35
16.43	16.40	16.48	16.52	16.57	16.33	16.33	16.35	17			64	69
16.54	16.47	16.36	16.32	16.34	16.34	16.48	16.54	17	DFT-S 16QAM	128	0	
14.96	14.83	15.05	15.08	14.88	14.83	14.99	14.81	15.5	DFT-S 64QAM	1	1	
13.01	13.07	13.06	13.09	12.81	13.07	12.80	12.98	13.5	DFT-S 256QAM	1	1	
16.05	15.90	16.04	15.86	15.84	16.09	15.92	15.94	16.5	CP QPSK	1	1	

NR Band n77 Ant 4												
Maximum Average Power (dBm)								Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
631340	636006	640672	654338	650004	654700	659336	664000	Channel				
3470.1	3540.09	3610.08	3680.07	3750.06	3820.05	3890.04	3960	Frequency (MHz)				
17.54	17.57	17.34	17.34	17.44	17.60	17.57	17.46	18	DFT-S $\pi/2$ BPSK	40 MHz	1	1
17.33	17.37	17.50	17.44	17.39	17.44	17.51	17.36	18			1	53
17.49	17.35	17.48	17.52	17.32	17.47	17.46	17.46	18			1	104
16.81	16.99	16.82	17.04	17.06	16.85	16.90	16.87	17.5			50	0
17.46	17.37	17.59	17.37	17.57	17.59	17.58	17.34	18			50	28
17.09	16.85	16.86	17.09	16.83	16.84	16.96	17.05	17.5			50	56
16.98	16.90	16.91	16.88	16.86	16.82	16.82	16.83	17.5			100	0
17.44	17.57	17.30	17.30	17.44	17.48	17.56	17.37	18	DFT-S QPSK		1	1
17.56	17.56	17.44	17.58	17.49	17.54	17.41	17.37	18			1	53
17.35	17.40	17.46	17.38	17.35	17.51	17.57	17.45	18			1	104
16.42	16.38	16.42	16.36	16.39	16.34	16.46	16.43	17			50	0
17.46	17.40	17.56	17.59	17.51	17.43	17.51	17.49	18			50	28
16.58	16.30	16.45	16.48	16.32	16.56	16.46	16.32	17			50	56
16.52	16.35	16.60	16.54	16.33	16.41	16.42	16.35	17			100	0
16.39	16.38	16.40	16.53	16.39	16.34	16.56	16.55	17	DFT-S 16QAM	128	0	
14.86	14.85	14.86	14.81	15.06	14.98	15.08	15.05	15.5	DFT-S 64QAM	1	1	
13.04	12.99	12.81	13.02	12.96	12.95	13.06	12.80	13.5	DFT-S 256QAM	1	1	
16.10	15.87	16.01	15.91	15.96	15.90	16.10	15.92	16.5	CP QPSK	1	1	

NR Band n77 Ant 4												
Maximum Average Power (dBm)								Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
631000	635762	640524	645286	650048	654810	659572	664333	Channel				
3465	3536.43	3607.86	3679.29	3750.72	3822.15	3893.58	3964.99	Frequency (MHz)				
17.48	17.58	17.43	17.49	17.47	17.37	17.32	17.35	18	DFT-S $\pi/2$ BPSK	30 MHz	1	1
17.60	17.51	17.60	17.48	17.42	17.34	17.41	17.59	18			1	39
17.47	17.45	17.60	17.51	17.50	17.40	17.49	17.32	18			1	76
17.01	17.09	17.02	17.07	17.01	17.01	16.94	16.95	17.5			36	0
17.37	17.42	17.36	17.40	17.60	17.31	17.39	17.45	18			36	21
17.01	16.89	17.05	17.10	16.95	16.91	17.08	16.91	17.5			36	42
16.83	16.99	16.99	17.06	16.92	16.90	17.10	16.92	17.5			75	0
17.41	17.34	17.39	17.59	17.32	17.50	17.56	17.45	18	DFT-S QPSK	30 MHz	1	1
17.52	17.56	17.55	17.49	17.35	17.42	17.51	17.34	18			1	39
17.41	17.43	17.53	17.43	17.51	17.38	17.53	17.31	18			1	76
16.30	16.51	16.41	16.45	16.54	16.54	16.48	16.47	17			36	0
17.46	17.57	17.38	17.31	17.60	17.38	17.50	17.45	18			36	21
16.39	16.59	16.39	16.59	16.57	16.39	16.41	16.56	17			36	42
16.57	16.41	16.41	16.54	16.34	16.45	16.54	16.60	17			75	0
16.50	16.59	16.31	16.30	16.41	16.58	16.31	16.45	17	DFT-S 16QAM	128	0	
15.10	15.08	14.81	14.86	15.05	14.81	15.09	15.08	15.5	DFT-S 64QAM	1	1	
13.09	13.04	13.01	12.94	13.04	12.90	12.92	12.98	13.5	DFT-S 256QAM	1	1	
15.97	16.03	15.85	15.93	15.95	15.88	15.93	15.95	16.5	CP QPSK	1	1	

NR Band n77 Ant 4												
Maximum Average Power (dBm)								Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
630840	635648	640456	645264	650072	654880	659690	664500	Channel				
3462.6	3534.72	3606.84	3678.96	3751.08	3823.2	3895.35	3967.5	Frequency (MHz)				
17.48	17.58	17.43	17.49	17.47	17.37	17.32	17.35	18	DFT-S $\pi/2$ BPSK	25 MHz	1	1
17.60	17.51	17.60	17.48	17.42	17.34	17.41	17.59	18			1	33
17.47	17.45	17.60	17.51	17.50	17.40	17.49	17.32	18			1	63
17.01	17.09	17.02	17.07	17.01	17.01	16.94	16.95	17.5			32	0
17.37	17.42	17.36	17.40	17.60	17.31	17.39	17.45	18			32	17
17.01	16.89	17.05	17.10	16.95	16.91	17.08	16.91	17.5			32	33
16.83	16.99	16.99	17.06	16.92	16.90	17.10	16.92	17.5			64	0
17.41	17.34	17.39	17.59	17.32	17.50	17.56	17.45	18	DFT-S QPSK		1	1
17.52	17.56	17.55	17.49	17.35	17.42	17.51	17.34	18			1	33
17.41	17.43	17.53	17.43	17.51	17.38	17.53	17.31	18			1	63
16.30	16.51	16.41	16.45	16.54	16.54	16.48	16.47	17			32	0
17.46	17.57	17.38	17.31	17.60	17.38	17.50	17.45	18			32	17
16.39	16.59	16.39	16.59	16.57	16.39	16.41	16.56	17			32	33
16.57	16.41	16.41	16.54	16.34	16.45	16.54	16.60	17			64	0
16.50	16.59	16.31	16.30	16.41	16.58	16.31	16.45	17	DFT-S 16QAM	128	0	
15.10	15.08	14.81	14.86	15.05	14.81	15.09	15.08	15.5	DFT-S 64QAM	1	1	
13.09	13.04	13.01	12.94	13.04	12.90	12.92	12.98	13.5	DFT-S 256QAM	1	1	
15.97	16.03	15.85	15.93	15.95	15.88	15.93	15.95	16.5	CP QPSK	1	1	

NR Band n77 Ant 4												
Maximum Average Power (dBm)								Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
630666	635522	640378	645236	650094	654950	659808	664666	Channel				
3459.99	3532.83	3605.67	3678.54	3751.41	3824.25	3897.12	3969.99	Frequency (MHz)				
17.44	17.31	17.40	17.35	17.35	17.53	17.38	17.45	18	DFT-S $\pi/2$ BPSK	20 MHz	1	1
17.36	17.49	17.48	17.45	17.38	17.42	17.40	17.43	18			1	26
17.40	17.45	17.53	17.41	17.51	17.30	17.37	17.44	18			1	49
17.07	17.10	16.88	17.03	17.01	16.98	17.10	17.08	17.5			25	0
17.34	17.43	17.51	17.58	17.51	17.36	17.41	17.48	18			25	13
17.03	16.94	17.08	17.04	16.84	17.10	16.90	16.89	17.5			25	26
16.89	16.91	17.10	17.09	16.88	16.82	16.89	16.85	17.5			50	0
17.30	17.53	17.46	17.37	17.38	17.58	17.30	17.48	18	DFT-S QPSK		1	1
17.48	17.38	17.56	17.53	17.47	17.34	17.32	17.43	18			1	26
17.56	17.32	17.43	17.48	17.40	17.59	17.32	17.36	18			1	49
16.55	16.50	16.36	16.60	16.56	16.59	16.39	16.31	17			25	0
17.45	17.50	17.53	17.43	17.34	17.39	17.45	17.45	18			25	13
16.51	16.34	16.55	16.36	16.36	16.49	16.38	16.41	17			25	26
16.41	16.56	16.51	16.36	16.38	16.38	16.57	16.59	17			50	0
16.46	16.30	16.30	16.32	16.56	16.54	16.46	16.43	17	DFT-S 16QAM	128	0	
14.97	15.03	14.92	14.83	14.87	15.02	14.84	14.98	15.5	DFT-S 64QAM	1	1	
13.09	12.84	13.09	13.07	12.88	12.88	13.04	12.94	13.5	DFT-S 256QAM	1	1	
15.80	15.90	16.08	15.95	15.92	15.94	16.08	15.90	16.5	CP QPSK	1	1	

NR Band n77 Ant 4												
Maximum Average Power (dBm)								Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
630500	635404	640308	645212	650118	655022	659926	664833					
3457.5	3531.06	3604.62	3678.18	3751.77	3825.33	3898.89	3972.5	Frequency (MHz)				
17.47	17.43	17.60	17.52	17.31	17.53	17.33	17.54	18	DFT-S $\pi/2$ BPSK	15 MHz	1	1
17.58	17.51	17.32	17.33	17.33	17.41	17.43	17.38	18			1	19
17.41	17.55	17.58	17.33	17.59	17.35	17.47	17.41	18			1	36
16.93	16.89	17.10	16.83	16.89	17.06	17.01	16.83	17.5			18	0
17.32	17.59	17.35	17.30	17.53	17.48	17.35	17.46	18			18	10
16.87	16.88	16.92	16.80	17.09	16.95	16.95	16.80	17.5			18	20
16.91	16.81	17.05	16.84	16.95	16.80	16.84	17.06	17.5			36	0
17.41	17.39	17.50	17.36	17.50	17.38	17.48	17.34	18	DFT-S QPSK		1	1
17.57	17.50	17.45	17.54	17.55	17.45	17.59	17.39	18			1	19
17.47	17.50	17.56	17.57	17.30	17.44	17.48	17.31	18			1	36
16.43	16.31	16.48	16.47	16.30	16.39	16.57	16.45	17			18	0
17.58	17.40	17.54	17.35	17.52	17.48	17.38	17.58	18			18	10
16.57	16.46	16.58	16.52	16.32	16.48	16.40	16.42	17			18	20
16.56	16.34	16.53	16.30	16.53	16.35	16.40	16.36	17			36	0
16.35	16.31	16.37	16.40	16.46	16.55	16.54	16.52	17	DFT-S 16QAM	128	0	
14.92	14.89	14.83	14.86	14.80	14.82	14.91	14.93	15.5	DFT-S 64QAM	1	1	
13.03	13.01	12.91	12.85	13.08	12.99	12.87	12.91	13.5	DFT-S 256QAM	1	1	
16.04	15.96	15.99	15.99	15.90	16.01	15.95	16.00	16.5	CP QPSK	1	1	

NR Band n77 Ant 4												
Maximum Average Power (dBm)								Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
630333	635286	640238	645190	650142	655094	660046	665000	Channel				
3454.99	3529.29	3603.57	3677.85	3752.13	3826.41	3900.69	3975	Frequency (MHz)				
17.35	17.34	17.30	17.57	17.41	17.40	17.42	17.46	18	DFT-S $\pi/2$ BPSK	10 MHz	1	1
17.53	17.31	17.43	17.49	17.58	17.32	17.58	17.59	18			1	11
17.40	17.32	17.45	17.57	17.57	17.46	17.46	17.37	18			1	22
17.06	16.80	16.82	16.86	16.99	16.95	17.09	16.96	17.5			12	0
17.49	17.34	17.44	17.46	17.57	17.50	17.45	17.47	18			12	6
16.89	17.03	16.86	16.91	17.03	17.00	17.06	16.91	17.5			12	12
16.96	16.91	17.02	17.04	17.01	17.08	16.89	16.86	17.5			24	0
17.55	17.40	17.39	17.36	17.51	17.54	17.50	17.39	18	DFT-S QPSK		1	1
17.48	17.55	17.39	17.51	17.33	17.42	17.42	17.43	18			1	11
17.31	17.35	17.32	17.35	17.56	17.53	17.40	17.49	18			1	22
16.31	16.59	16.58	16.35	16.44	16.44	16.31	16.57	17			12	0
17.52	17.56	17.34	17.35	17.58	17.45	17.50	17.56	18			12	6
16.39	16.57	16.34	16.34	16.43	16.45	16.43	16.53	17			12	12
16.32	16.38	16.47	16.37	16.53	16.54	16.54	16.59	17			24	0
16.60	16.40	16.58	16.38	16.31	16.58	16.45	16.34	17	DFT-S 16QAM	128	0	
14.93	15.04	14.89	14.84	14.92	15.08	14.97	14.87	15.5	DFT-S 64QAM	1	1	
13.06	12.94	12.81	12.86	12.95	13.07	12.95	13.03	13.5	DFT-S 256QAM	1	1	
15.92	16.07	16.04	15.94	15.93	15.97	15.90	15.86	16.5	CP QPSK	1	1	

NR Band n48 Ant 5								
Maximum Average Power (dBm)				Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
638000	640444	642888	645332	Channel				
3570	3606.66	3643.32	3679.98	Frequency (MHz)				
23.02	23.04	23.03	23.16	24	DFT-S $\pi/2$ BPSK	40 MHz	1	1
23.00	23.20	23.09	23.19	24			1	53
23.03	23.12	23.16	23.00	24			1	104
22.68	22.66	22.70	22.70	23.5			50	0
23.06	23.16	23.01	23.11	24			50	28
22.50	22.64	22.62	22.70	23.5			50	56
22.51	22.52	22.58	22.67	23.5			100	0
23.32	23.33	23.18	23.21	24	DFT-S QPSK		1	1
23.13	23.11	23.11	23.07	24			1	53
23.17	23.18	23.03	23.01	24			1	104
22.16	22.04	22.02	22.06	23			50	0
23.14	23.20	23.07	23.13	24			50	28
22.07	22.19	22.20	22.12	23			50	56
22.18	22.29	22.02	22.18	23			100	0
22.19	22.15	22.16	22.12	23	DFT-S 16QAM	1	1	
20.56	20.60	20.63	20.58	21.5	DFT-S 64QAM	1	1	
18.55	18.64	18.54	18.55	19.5	DFT-S 256QAM	1	1	
21.57	21.55	21.54	21.67	22.5	CP QPSK	1	1	

NR Band n48								
Maximum Average Power (dBm)				Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
637668	640334	643000	645666					
Channel				Frequency (MHz)				
3565.02	3605.01	3645	3684.99					
23.00	23.02	23.16	23.08	24	DFT-S $\pi/2$ BPSK	30 MHz	1	1
23.09	23.07	23.00	23.03	24			1	39
23.01	23.07	23.11	23.06	24			1	76
22.64	22.63	22.64	22.54	23.5			36	0
23.02	23.05	23.12	23.16	24			36	21
22.66	22.64	22.69	22.59	23.5			36	42
22.50	22.70	22.55	22.53	23.5			75	0
23.19	23.16	23.16	23.03	24	DFT-S QPSK		1	1
23.18	23.15	23.14	23.12	24			1	39
23.06	23.14	23.18	23.17	24			1	76
22.06	22.18	22.00	22.18	23			36	0
23.12	23.15	23.11	23.06	24			36	21
22.17	22.09	22.04	22.17	23			36	42
22.10	22.18	22.05	22.19	23			75	0
22.10	22.10	22.20	22.05	23	DFT-S 16QAM	1	1	
20.60	20.51	20.57	20.69	21.5	DFT-S 64QAM	1	1	
18.60	18.59	18.68	18.54	19.5	DFT-S 256QAM	1	1	
21.70	21.52	21.53	21.66	22.5	CP QPSK	1	1	

NR Band n48								
Maximum Average Power (dBm)				Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
637334	640220	643114	646000					
Channel				Frequency (MHz)				
3560.01	3603.3	3646.71	3690					
23.15	23.12	23.20	23.19	24	DFT-S $\pi/2$ BPSK	20 MHz	1	1
23.10	23.02	23.03	23.14	24			1	26
23.12	23.18	23.06	23.08	24			1	49
22.60	22.53	22.62	22.52	23.5			25	0
23.02	23.12	23.04	23.07	24			25	13
22.53	22.70	22.67	22.70	23.5			25	26
22.60	22.64	22.60	22.68	23.5			50	0
23.06	23.04	23.18	23.15	24	1		1	
23.12	23.02	23.00	23.03	24	1		26	
23.05	23.02	23.12	23.10	24	1		49	
22.03	22.03	22.10	22.19	23	25		0	
23.17	23.15	23.11	23.00	24	25		13	
22.12	22.14	22.01	22.06	23	25		26	
22.00	22.07	22.17	22.05	23	50		0	
22.14	22.15	22.03	22.20	23	DFT-S 16QAM	1	1	
20.70	20.61	20.70	20.55	21.5	DFT-S 64QAM	1	1	
18.67	18.55	18.62	18.59	19.5	DFT-S 256QAM	1	1	
21.65	21.50	21.64	21.60	22.5	CP QPSK	1	1	

NR Band n48								
Maximum Average Power (dBm)				Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
637168	640168	643166	646166					
Channel				Frequency (MHz)				
3557.52	3602.52	3647.49	3692.49					
23.15	23.01	23.16	23.10	24	DFT-S $\pi/2$ BPSK	15 MHz	1	1
23.09	23.09	23.20	23.06	24			1	19
23.15	23.20	23.17	23.11	24			1	36
22.69	22.55	22.56	22.54	23.5			18	0
23.07	23.05	23.15	23.03	24			18	10
22.70	22.70	22.50	22.66	23.5			18	20
22.70	22.65	22.58	22.70	23.5			36	0
23.05	23.19	23.11	23.18	24	DFT-S QPSK		1	1
23.07	23.05	23.11	23.08	24			1	19
23.16	23.20	23.07	23.02	24			1	36
22.19	22.12	22.19	22.18	23			18	0
23.14	23.18	23.16	23.04	24			18	10
22.02	22.17	22.04	22.00	23			18	20
22.19	22.15	22.07	22.00	23			36	0
22.17	22.02	22.05	22.19	23	DFT-S 16QAM	1	1	
20.59	20.65	20.51	20.66	21.5	DFT-S 64QAM	1	1	
18.69	18.66	18.66	18.68	19.5	DFT-S 256QAM	1	1	
21.66	21.67	21.57	21.52	22.5	CP QPSK	1	1	

NR Band n48								
Maximum Average Power (dBm)				Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
637000	640110	643222	646332					
Channel				Frequency (MHz)				
3555	3601.65	3648.33	3694.98					
23.00	23.11	23.19	23.18	24	DFT-S $\pi/2$ BPSK	10 MHz	1	1
23.17	23.09	23.06	23.19	24			1	11
23.16	23.16	23.17	23.09	24			1	22
22.70	22.65	22.62	22.70	23.5			12	0
23.07	23.05	23.05	23.11	24			12	6
22.57	22.61	22.69	22.60	23.5			12	12
22.63	22.70	22.53	22.67	23.5	24		0	
23.09	23.09	23.14	23.16	24	DFT-S QPSK		1	1
23.05	23.05	23.01	23.18	24			1	11
23.02	23.04	23.08	23.15	24			1	22
22.17	22.06	22.20	22.20	23			12	0
23.04	23.05	23.13	23.09	24			12	6
22.08	22.00	22.15	22.16	23		12	12	
22.03	22.02	22.15	22.04	23	24	0		
22.20	22.13	22.04	22.07	23	DFT-S 16QAM	1	1	
20.68	20.68	20.70	20.55	21.5	DFT-S 64QAM	1	1	
18.54	18.68	18.65	18.54	19.5	DFT-S 256QAM	1	1	
21.60	21.56	21.70	21.64	22.5	CP QPSK	1	1	

NR Band n77 Ant 5												
Maximum Average Power (dBm)								Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
633334	637430	641524	645619	649714	653810	657904	662000	Channel				
3500.01	3561.45	3622.86	3684.3	3745.71	3807.15	3868.56	3930	Frequency (MHz)				
23.72	23.79	23.70	23.71	23.80	23.78	23.74	23.72	24	DFT-S $\pi/2$ BPSK	100 MHz	1	1
23.71	23.74	23.80	23.70	23.76	23.80	23.80	23.74	24			1	137
23.80	23.71	23.74	23.72	23.79	23.76	23.80	23.71	24			1	271
23.22	23.29	23.23	23.22	23.29	23.20	23.21	23.21	23.5			135	0
23.76	23.70	23.75	23.72	23.72	23.79	23.71	23.74	24			135	69
23.25	23.22	23.22	23.20	23.28	23.22	23.21	23.25	23.5			135	138
23.22	23.20	23.25	23.30	23.29	23.20	23.25	23.23	23.5			270	0
23.87	23.93	23.93	23.98	23.87	23.96	23.94	23.87	24	DFT-S QPSK	100 MHz	1	1
23.78	23.80	23.80	23.73	23.73	23.74	23.74	23.74	24			1	137
23.70	23.72	23.77	23.72	23.79	23.78	23.73	23.79	24			1	271
22.74	22.77	22.70	22.75	22.71	22.76	22.73	22.76	23			135	0
23.78	23.71	23.72	23.82	23.77	23.73	23.70	23.78	24			135	69
22.70	22.77	22.79	22.74	22.79	22.77	22.74	22.73	23			135	138
22.73	22.76	22.73	22.78	22.71	22.78	22.76	22.73	23			270	0
22.73	22.75	22.78	22.80	22.80	22.79	22.77	22.79	23	DFT-S 16QAM	1	1	
21.26	21.27	21.24	21.28	21.26	21.25	21.30	21.28	21.5	DFT-S 64QAM	1	1	
19.26	19.26	19.21	19.23	19.24	19.30	19.26	19.20	19.5	DFT-S 256QAM	1	1	
22.23	22.23	22.21	22.20	22.30	22.21	22.24	22.21	22.5	CP QPSK	1	1	

NR Band n77 Ant 5												
Maximum Average Power (dBm)								Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
633000	637190	641380	645570	649760	653950	658140	662333	Channel				
3495	3557.85	3620.7	3683.55	3746.4	3809.25	3872.1	3934.99	Frequency (MHz)				
23.76	23.70	23.76	23.77	23.75	23.71	23.73	23.71	24	DFT-S $\pi/2$ BPSK	90 MHz	1	1
23.80	23.76	23.77	23.73	23.72	23.77	23.77	23.76	24			1	123
23.75	23.70	23.73	23.70	23.80	23.75	23.74	23.80	24			1	243
23.27	23.20	23.30	23.25	23.29	23.21	23.22	23.24	23.5			120	0
23.77	23.80	23.70	23.75	23.77	23.80	23.79	23.73	24			120	63
23.30	23.28	23.25	23.25	23.30	23.23	23.25	23.21	23.5			120	125
23.21	23.29	23.26	23.28	23.20	23.29	23.27	23.27	23.5			243	0
23.92	23.89	23.87	23.92	23.96	23.96	23.87	23.94	24	DFT-S QPSK		1	1
23.77	23.72	23.74	23.70	23.78	23.72	23.79	23.74	24			1	123
23.75	23.79	23.73	23.80	23.70	23.76	23.70	23.72	24			1	243
22.73	22.73	22.72	22.74	22.75	22.79	22.77	22.80	23			120	0
23.74	23.72	23.71	23.71	23.76	23.80	23.72	23.80	24			120	63
22.79	22.76	22.71	22.74	22.76	22.78	22.77	22.77	23			120	125
22.76	22.77	22.79	22.78	22.76	22.72	22.79	22.80	23			243	0
22.80	22.73	22.80	22.77	22.75	22.80	22.75	22.80	23	DFT-S 16QAM	1	1	
21.23	21.27	21.25	21.26	21.21	21.22	21.21	21.30	21.5	DFT-S 64QAM	1	1	
19.20	19.28	19.24	19.25	19.23	19.28	19.21	19.29	19.5	DFT-S 256QAM	1	1	
22.23	22.20	22.22	22.30	22.25	22.26	22.21	22.27	22.5	CP QPSK	1	1	

NR Band n77 Ant 5													
Maximum Average Power (dBm)								Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset	
632680	636964	641248	645532	649816	654100	658382	662666	Channel					
3490.2	3554.46	3618.72	3682.98	3747.24	3811.5	3875.73	3939.99	Frequency (MHz)					
23.70	23.77	23.73	23.77	23.77	23.73	23.80	23.74	24	DFT-S $\pi/2$ BPSK	80 MHz	1	1	
23.75	23.79	23.77	23.78	23.74	23.71	23.75	23.71	24			1	109	
23.75	23.71	23.75	23.75	23.79	23.73	23.77	23.75	24			1	215	
23.22	23.21	23.28	23.30	23.30	23.25	23.23	23.20	23.5			108	0	
23.73	23.80	23.74	23.79	23.76	23.71	23.75	23.75	24			108	55	
23.28	23.20	23.26	23.21	23.24	23.26	23.27	23.20	23.5			108	109	
23.23	23.30	23.23	23.25	23.28	23.30	23.23	23.25	23.5			216	0	
23.91	23.87	23.96	23.88	23.90	23.95	23.91	23.89	24			1	1	
23.80	23.78	23.71	23.71	23.79	23.70	23.76	23.79	24	DFT-S QPSK	80 MHz	1	109	
23.75	23.75	23.70	23.73	23.73	23.70	23.74	23.75	24			1	215	
22.73	22.76	22.79	22.78	22.79	22.80	22.76	22.71	23			108	0	
23.72	23.70	23.80	23.73	23.77	23.78	23.70	23.73	24			108	55	
22.79	22.77	22.70	22.79	22.73	22.77	22.76	22.73	23			108	109	
22.78	22.79	22.71	22.80	22.78	22.74	22.77	22.78	23			216	0	
22.75	22.71	22.73	22.78	22.75	22.79	22.75	22.79	23			DFT-S 16QAM	1	1
21.28	21.21	21.29	21.23	21.21	21.25	21.28	21.22	21.5			DFT-S 64QAM	1	1
19.26	19.26	19.25	19.22	19.22	19.23	19.26	19.26	19.5	DFT-S 256QAM	1	1		
22.23	22.23	22.22	22.20	22.27	22.29	22.27	22.21	22.5	CP QPSK	1	1		

NR Band n77 Ant 5													
Maximum Average Power (dBm)								Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset	
632333	636712	641092	645472	649852	654232	658612	663000	Channel					
3485	3550.68	3616.38	3682.08	3747.78	3813.48	3879.18	3945	Frequency (MHz)					
23.73	23.80	23.80	23.70	23.70	23.71	23.71	23.76	24	DFT-S $\pi/2$ BPSK	70 MHz	1	1	
23.77	23.76	23.76	23.78	23.71	23.70	23.70	23.74	24			1	95	
23.70	23.74	23.74	23.75	23.76	23.72	23.77	23.74	24			1	187	
23.26	23.20	23.22	23.22	23.24	23.30	23.27	23.21	23.5			90	0	
23.77	23.73	23.71	23.70	23.74	23.78	23.80	23.70	24			90	50	
23.29	23.26	23.20	23.28	23.23	23.25	23.30	23.20	23.5			90	99	
23.23	23.26	23.20	23.20	23.27	23.29	23.26	23.29	23.5			180	0	
23.86	23.91	23.94	23.85	23.90	23.92	23.87	23.96	24			1	1	
23.75	23.74	23.70	23.77	23.71	23.79	23.74	23.77	24	DFT-S QPSK	70 MHz	1	95	
23.79	23.79	23.77	23.74	23.70	23.75	23.74	23.78	24			1	187	
22.75	22.77	22.71	22.80	22.76	22.74	22.76	22.80	23			90	0	
23.78	23.70	23.73	23.76	23.77	23.75	23.76	23.77	24			90	50	
22.75	22.71	22.77	22.74	22.78	22.70	22.70	22.76	23			90	99	
22.74	22.77	22.74	22.80	22.80	22.71	22.74	22.77	23			180	0	
22.70	22.79	22.77	22.73	22.75	22.71	22.77	22.70	23			DFT-S 16QAM	1	1
21.29	21.22	21.28	21.30	21.28	21.20	21.22	21.23	21.5			DFT-S 64QAM	1	1
19.25	19.21	19.23	19.23	19.30	19.24	19.25	19.25	19.5	DFT-S 256QAM	1	1		
22.20	22.22	22.25	22.27	22.23	22.22	22.20	22.23	22.5	CP QPSK	1	1		

NR Band n77 Ant 5												
Maximum Average Power (dBm)								Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
632000	636476	640952	645428	649904	654380	658856	663333	Channel				
3480	3547.14	3614.28	3681.42	3748.56	3815.7	3882.84	3949.99	Frequency (MHz)				
23.80	23.80	23.80	23.71	23.78	23.80	23.76	23.70	24	DFT-S $\pi/2$ BPSK	60 MHz	1	1
23.79	23.77	23.71	23.73	23.71	23.78	23.72	23.73	24			1	81
23.78	23.72	23.76	23.70	23.71	23.80	23.70	23.75	24			1	160
23.26	23.27	23.30	23.24	23.29	23.24	23.20	23.22	23.5			81	0
23.70	23.75	23.73	23.76	23.80	23.71	23.73	23.70	24			81	41
23.23	23.20	23.30	23.30	23.28	23.30	23.21	23.24	23.5			81	81
23.22	23.27	23.20	23.27	23.24	23.27	23.25	23.20	23.5			162	0
23.92	23.91	23.91	23.88	23.87	23.91	23.89	23.90	24	DFT-S QPSK	60 MHz	1	1
23.80	23.79	23.76	23.77	23.77	23.78	23.77	23.72	24			1	81
23.76	23.72	23.77	23.73	23.79	23.70	23.71	23.80	24			1	160
22.70	22.74	22.75	22.80	22.77	22.79	22.72	22.76	23			81	0
23.78	23.76	23.76	23.73	23.74	23.77	23.70	23.78	24			81	41
22.72	22.75	22.73	22.80	22.76	22.76	22.78	22.80	23			81	81
22.76	22.72	22.79	22.79	22.75	22.73	22.73	22.74	23			162	0
22.73	22.80	22.73	22.79	22.78	22.78	22.73	22.75	23	DFT-S 16QAM	60 MHz	1	1
21.30	21.30	21.23	21.27	21.20	21.25	21.29	21.29	21.5	DFT-S 64QAM		1	1
19.30	19.28	19.21	19.29	19.23	19.21	19.27	19.23	19.5	DFT-S 256QAM		1	1
22.20	22.24	22.27	22.23	22.25	22.21	22.26	22.26	22.5	CP QPSK		1	1

NR Band n77 Ant 5												
Maximum Average Power (dBm)								Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
631666	636238	640810	645382	649954	654526	659098	663666	Channel				
3474.99	3543.57	3612.15	3680.73	3749.31	3817.89	3886.47	3954.99	Frequency (MHz)				
23.78	23.79	23.76	23.74	23.72	23.71	23.80	23.75	24	DFT-S $\pi/2$ BPSK	50 MHz	1	1
23.77	23.75	23.74	23.72	23.74	23.80	23.74	23.73	24			1	67
23.79	23.80	23.70	23.75	23.78	23.70	23.73	23.75	24			1	131
23.24	23.29	23.24	23.24	23.25	23.30	23.26	23.29	23.5			64	0
23.74	23.73	23.77	23.73	23.79	23.71	23.76	23.77	24			64	35
23.21	23.24	23.22	23.30	23.27	23.26	23.30	23.29	23.5			64	69
23.26	23.25	23.24	23.23	23.25	23.24	23.24	23.24	23.5			128	0
23.95	23.93	23.85	23.89	23.87	23.93	23.90	23.94	24			1	1
23.74	23.74	23.71	23.78	23.80	23.75	23.76	23.79	24	DFT-S QPSK	50 MHz	1	1
23.74	23.80	23.77	23.79	23.80	23.72	23.70	23.72	24			1	67
22.79	22.79	22.76	22.78	22.75	22.74	22.74	22.75	23			1	131
23.80	23.76	23.79	23.77	23.78	23.74	23.79	23.71	24			64	0
22.79	22.76	22.70	22.80	22.80	22.75	22.78	22.80	23			64	35
22.75	22.77	22.79	22.79	22.71	22.76	22.75	22.70	23			64	69
22.76	22.75	22.70	22.79	22.74	22.74	22.77	22.70	23			128	0
21.21	21.23	21.27	21.26	21.20	21.26	21.25	21.30	21.5			DFT-S 16QAM	50 MHz
19.22	19.27	19.23	19.21	19.22	19.26	19.23	19.27	19.5	DFT-S 64QAM	1	1	
22.29	22.22	22.28	22.27	22.21	22.28	22.29	22.24	22.5	DFT-S 256QAM	1	1	
									CP QPSK		1	1

NR Band n77 Ant 5													
Maximum Average Power (dBm)								Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset	
631340	636006	640672	654338	650004	654700	659336	664000	Channel					
3470.1	3540.09	3610.08	3680.07	3750.06	3820.05	3890.04	3960	Frequency (MHz)					
23.79	23.74	23.74	23.71	23.80	23.71	23.75	23.76	24	DFT-S $\pi/2$ BPSK	40 MHz	1	1	
23.80	23.78	23.75	23.72	23.77	23.75	23.73	23.70	24			1	53	
23.74	23.75	23.79	23.73	23.74	23.78	23.79	23.79	24			1	104	
23.20	23.25	23.26	23.26	23.24	23.29	23.24	23.20	23.5			50	0	
23.74	23.72	23.79	23.77	23.71	23.75	23.70	23.75	24			50	28	
23.23	23.30	23.26	23.20	23.27	23.25	23.22	23.30	23.5			50	56	
23.23	23.23	23.23	23.22	23.26	23.29	23.23	23.21	23.5			100	0	
23.96	23.86	23.95	23.89	23.93	23.89	23.96	23.89	24			1	1	
23.80	23.77	23.71	23.79	23.75	23.78	23.77	23.74	24	DFT-S QPSK	40 MHz	1	53	
23.75	23.73	23.76	23.73	23.77	23.75	23.75	23.71	24			1	104	
22.73	22.79	22.72	22.75	22.70	22.70	22.72	22.73	23			50	0	
23.70	23.70	23.75	23.77	23.75	23.71	23.80	23.78	24			50	28	
22.73	22.70	22.71	22.78	22.79	22.73	22.79	22.77	23			50	56	
22.80	22.75	22.76	22.75	22.73	22.73	22.72	22.73	23			100	0	
22.79	22.71	22.73	22.70	22.80	22.72	22.78	22.79	23			DFT-S 16QAM	128	0
21.21	21.24	21.29	21.27	21.29	21.22	21.23	21.30	21.5			DFT-S 64QAM	1	1
19.30	19.20	19.29	19.26	19.26	19.23	19.25	19.26	19.5	DFT-S 256QAM	1	1		
22.24	22.24	22.22	22.23	22.21	22.25	22.27	22.21	22.5	CP QPSK	1	1		

NR Band n77 Ant 5												
Maximum Average Power (dBm)								Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
631000	635762	640524	645286	650048	654810	659572	664333	Channel				
3465	3536.43	3607.86	3679.29	3750.72	3822.15	3893.58	3964.99	Frequency (MHz)				
23.74	23.72	23.78	23.80	23.72	23.70	23.70	23.80	24	DFT-S $\pi/2$ BPSK	30 MHz	1	1
23.73	23.78	23.71	23.71	23.73	23.73	23.75	23.77	24			1	39
23.70	23.78	23.70	23.74	23.72	23.79	23.80	23.71	24			1	76
23.23	23.21	23.29	23.30	23.22	23.26	23.21	23.22	23.5			36	0
23.71	23.71	23.77	23.79	23.75	23.74	23.71	23.80	24			36	21
23.29	23.23	23.26	23.30	23.22	23.29	23.23	23.29	23.5			36	42
23.20	23.27	23.23	23.24	23.22	23.23	23.29	23.29	23.5			75	0
23.85	23.87	23.86	23.88	23.87	23.92	23.89	23.94	24	DFT-S QPSK	30 MHz	1	1
23.78	23.76	23.78	23.75	23.72	23.72	23.78	23.79	24			1	39
23.75	23.73	23.79	23.72	23.78	23.80	23.71	23.71	24			1	76
22.72	22.71	22.78	22.75	22.73	22.70	22.80	22.74	23			36	0
23.74	23.71	23.77	23.70	23.76	23.75	23.72	23.74	24			36	21
22.72	22.72	22.73	22.79	22.72	22.72	22.73	22.72	23			36	42
22.74	22.78	22.73	22.72	22.76	22.75	22.77	22.74	23			75	0
22.70	22.70	22.78	22.75	22.75	22.79	22.71	22.71	23	DFT-S 16QAM	128	0	
21.24	21.28	21.20	21.29	21.25	21.29	21.25	21.24	21.5	DFT-S 64QAM	1	1	
19.23	19.29	19.27	19.30	19.28	19.21	19.29	19.30	19.5	DFT-S 256QAM	1	1	
22.27	22.26	22.25	22.30	22.29	22.25	22.21	22.26	22.5	CP QPSK	1	1	

NR Band n77 Ant 5												
Maximum Average Power (dBm)								Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
630840	635648	640456	645264	650072	654880	659690	664500	Channel				
3462.6	3534.72	3606.84	3678.96	3751.08	3823.2	3895.35	3967.5	Frequency (MHz)				
23.80	23.78	23.72	23.76	23.70	23.80	23.77	23.76	24	DFT-S $\pi/2$ BPSK	25 MHz	1	1
23.72	23.80	23.70	23.76	23.75	23.76	23.77	23.72	24			1	33
23.76	23.71	23.74	23.74	23.72	23.71	23.80	23.74	24			1	63
23.26	23.30	23.21	23.27	23.25	23.27	23.27	23.21	23.5			32	0
23.80	23.78	23.74	23.80	23.75	23.76	23.76	23.72	24			32	17
23.30	23.30	23.21	23.26	23.21	23.30	23.20	23.24	23.5			32	33
23.25	23.22	23.24	23.22	23.27	23.27	23.21	23.29	23.5			64	0
23.90	23.85	23.85	23.94	23.96	23.96	23.94	23.96	24	DFT-S QPSK		1	1
23.71	23.70	23.76	23.71	23.78	23.72	23.78	23.71	24			1	33
23.80	23.71	23.79	23.71	23.73	23.74	23.77	23.72	24			1	63
22.74	22.72	22.80	22.78	22.75	22.74	22.76	22.71	23			32	0
23.79	23.73	23.75	23.70	23.75	23.74	23.70	23.72	24			32	17
22.70	22.75	22.71	22.78	22.75	22.79	22.70	22.77	23			32	33
22.74	22.76	22.78	22.73	22.77	22.75	22.70	22.78	23			64	0
22.72	22.79	22.72	22.71	22.74	22.73	22.73	22.77	23		DFT-S 16QAM	128	0
21.25	21.28	21.20	21.30	21.28	21.25	21.25	21.22	21.5	DFT-S 64QAM	1	1	
19.26	19.27	19.23	19.24	19.23	19.25	19.28	19.22	19.5	DFT-S 256QAM	1	1	
22.30	22.25	22.20	22.28	22.30	22.20	22.29	22.26	22.5	CP QPSK	1	1	

NR Band n77 Ant 5												
Maximum Average Power (dBm)								Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
630666	635522	640378	645236	650094	654950	659808	664666	Channel				
3459.99	3532.83	3605.67	3678.54	3751.41	3824.25	3897.12	3969.99	Frequency (MHz)				
23.79	23.74	23.76	23.73	23.80	23.75	23.77	23.73	24	DFT-S $\pi/2$ BPSK	20 MHz	1	1
23.71	23.75	23.75	23.79	23.75	23.80	23.78	23.73	24			1	26
23.72	23.79	23.74	23.72	23.70	23.77	23.78	23.75	24			1	49
23.30	23.22	23.27	23.30	23.28	23.28	23.24	23.21	23.5			25	0
23.80	23.77	23.76	23.70	23.78	23.70	23.80	23.79	24			25	13
23.21	23.27	23.25	23.24	23.28	23.25	23.24	23.20	23.5			25	26
23.24	23.29	23.27	23.30	23.29	23.25	23.26	23.21	23.5			50	0
23.96	23.85	23.96	23.94	23.86	23.92	23.87	23.89	24	DFT-S QPSK		1	1
23.78	23.78	23.71	23.78	23.74	23.80	23.76	23.70	24			1	26
23.71	23.76	23.74	23.73	23.77	23.80	23.75	23.75	24			1	49
22.71	22.79	22.71	22.79	22.73	22.74	22.77	22.76	23			25	0
23.74	23.72	23.80	23.78	23.71	23.75	23.72	23.80	24			25	13
22.80	22.75	22.76	22.73	22.75	22.73	22.79	22.76	23			25	26
22.80	22.77	22.74	22.76	22.79	22.79	22.80	22.76	23			50	0
22.77	22.77	22.71	22.80	22.74	22.79	22.70	22.79	23		DFT-S 16QAM	128	0
21.26	21.20	21.23	21.28	21.23	21.24	21.25	21.29	21.5	DFT-S 64QAM	1	1	
19.21	19.28	19.26	19.26	19.24	19.28	19.29	19.21	19.5	DFT-S 256QAM	1	1	
22.22	22.20	22.30	22.26	22.21	22.20	22.24	22.20	22.5	CP QPSK	1	1	

NR Band n77 Ant 5													
Maximum Average Power (dBm)								Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset	
630500	635404	640308	645212	650118	655022	659926	664833	Channel					
3457.5	3531.06	3604.62	3678.18	3751.77	3825.33	3898.89	3972.5	Frequency (MHz)					
23.75	23.71	23.79	23.80	23.77	23.75	23.74	23.77	24	DFT-S $\pi/2$ BPSK	15 MHz	1	1	
23.79	23.79	23.78	23.79	23.79	23.77	23.73	23.75	24			1	19	
23.73	23.77	23.74	23.73	23.80	23.73	23.76	23.80	24			1	36	
23.24	23.29	23.29	23.27	23.25	23.25	23.28	23.24	23.5			18	0	
23.71	23.75	23.72	23.80	23.72	23.70	23.77	23.77	24			18	10	
23.22	23.21	23.22	23.20	23.29	23.29	23.25	23.27	23.5			18	20	
23.24	23.26	23.21	23.22	23.24	23.26	23.29	23.25	23.5			36	0	
23.93	23.89	23.87	23.87	23.90	23.88	23.93	23.88	24			1	1	
23.71	23.72	23.75	23.80	23.71	23.71	23.73	23.78	24	DFT-S QPSK	15 MHz	1	19	
23.80	23.72	23.72	23.72	23.75	23.71	23.78	23.74	24			1	36	
22.72	22.73	22.75	22.75	22.75	22.78	22.78	22.78	23			18	0	
23.74	23.73	23.71	23.78	23.74	23.71	23.79	23.79	24			18	10	
22.71	22.71	22.75	22.70	22.72	22.73	22.73	22.71	23			18	20	
22.71	22.70	22.73	22.76	22.80	22.76	22.70	22.74	23			36	0	
22.70	22.80	22.76	22.74	22.73	22.72	22.76	22.78	23			DFT-S 16QAM	128	0
21.28	21.24	21.23	21.30	21.21	21.22	21.21	21.23	21.5			DFT-S 64QAM	1	1
19.25	19.29	19.30	19.29	19.29	19.20	19.27	19.28	19.5	DFT-S 256QAM	1	1		
22.21	22.26	22.28	22.21	22.24	22.21	22.25	22.22	22.5	CP QPSK	1	1		

NR Band n77 Ant 5													
Maximum Average Power (dBm)								Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset	
630333	635286	640238	645190	650142	655094	660046	665000	Channel					
3454.99	3529.29	3603.57	3677.85	3752.13	3826.41	3900.69	3975	Frequency (MHz)					
23.79	23.72	23.70	23.76	23.70	23.74	23.80	23.76	24	DFT-S $\pi/2$ BPSK	10 MHz	1	1	
23.77	23.78	23.76	23.77	23.80	23.70	23.79	23.78	24			1	11	
23.79	23.79	23.73	23.70	23.78	23.76	23.70	23.79	24			1	22	
23.21	23.24	23.21	23.26	23.25	23.25	23.29	23.29	23.5			12	0	
23.77	23.71	23.70	23.73	23.77	23.76	23.75	23.74	24			12	6	
23.30	23.28	23.26	23.27	23.26	23.20	23.30	23.27	23.5			12	12	
23.26	23.26	23.27	23.26	23.25	23.20	23.25	23.27	23.5			24	0	
23.93	23.87	23.88	23.87	23.86	23.93	23.90	23.95	24			1	1	
23.72	23.78	23.79	23.71	23.74	23.75	23.71	23.71	24	DFT-S QPSK	10 MHz	1	11	
23.80	23.78	23.73	23.74	23.73	23.72	23.79	23.77	24			1	22	
22.71	22.80	22.79	22.77	22.73	22.78	22.75	22.72	23			12	0	
23.76	23.70	23.78	23.75	23.77	23.75	23.72	23.77	24			12	6	
22.73	22.76	22.76	22.77	22.71	22.72	22.70	22.73	23			12	12	
22.72	22.78	22.70	22.80	22.72	22.75	22.73	22.72	23			24	0	
22.80	22.78	22.74	22.75	22.78	22.77	22.71	22.79	23			DFT-S 16QAM	128	0
21.23	21.26	21.30	21.28	21.21	21.22	21.23	21.30	21.5			DFT-S 64QAM	1	1
19.24	19.25	19.30	19.24	19.22	19.30	19.24	19.26	19.5	DFT-S 256QAM	1	1		
22.20	22.26	22.28	22.27	22.20	22.28	22.29	22.22	22.5	CP QPSK	1	1		

NR Band n48 Ant 6								
Maximum Average Power (dBm)				Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
638000	640444	642888	645332	Channel				
3570	3606.66	3643.32	3679.98	Frequency (MHz)				
23.01	23.10	23.20	23.18	24	DFT-S $\pi/2$ BPSK	40 MHz	1	1
23.12	23.09	23.07	23.06	24			1	53
23.00	23.12	23.08	23.15	24			1	104
22.54	22.60	22.57	22.57	23.5			50	0
23.12	23.06	23.02	23.13	24			50	28
22.50	22.55	22.58	22.70	23.5			50	56
22.63	22.62	22.52	22.55	23.5			100	0
23.70	23.91	23.77	23.63	24	DFT-S QPSK		1	1
23.58	23.50	23.56	23.67	24			1	53
23.57	23.55	23.52	23.50	24			1	104
22.18	22.20	22.05	22.01	23			50	0
23.70	23.80	23.73	23.68	24			50	28
22.07	22.07	22.13	22.19	23			50	56
22.07	22.15	22.02	22.14	23			100	0
22.05	22.16	22.16	22.07	23	DFT-S 16QAM	1	1	
20.66	20.67	20.53	20.59	21.5	DFT-S 64QAM	1	1	
18.56	18.62	18.68	18.55	19.5	DFT-S 256QAM	1	1	
21.66	21.55	21.57	21.64	22.5	CP QPSK	1	1	

NR Band n48								
Maximum Average Power (dBm)				Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
637668	640334	643000	645666					
Channel				Frequency (MHz)				
3565.02	3605.01	3645	3684.99					
23.11	23.13	23.07	23.02	24	DFT-S $\pi/2$ BPSK	30 MHz	1	1
23.16	23.16	23.07	23.07	24			1	39
23.09	23.09	23.15	23.09	24			1	76
22.62	22.60	22.70	22.57	23.5			36	0
23.08	23.09	23.05	23.15	24			36	21
22.66	22.60	22.63	22.64	23.5			36	42
22.55	22.62	22.51	22.69	23.5			75	0
23.02	23.02	23.00	23.00	24	DFT-S QPSK		1	1
23.17	23.05	23.19	23.17	24			1	39
23.03	23.00	23.03	23.09	24			1	76
22.17	22.15	22.08	22.01	23			36	0
23.12	23.17	23.16	23.11	24			36	21
22.11	22.01	22.15	22.04	23			36	42
22.15	22.12	22.09	22.08	23			75	0
22.11	22.13	22.09	22.06	23	DFT-S 16QAM	1	1	
20.59	20.60	20.59	20.66	21.5	DFT-S 64QAM	1	1	
18.55	18.50	18.64	18.55	19.5	DFT-S 256QAM	1	1	
21.54	21.55	21.69	21.58	22.5	CP QPSK	1	1	

NR Band n48								
Maximum Average Power (dBm)				Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
637334	640220	643114	646000					
Channel				Frequency (MHz)				
3560.01	3603.3	3646.71	3690					
23.17	23.17	23.12	23.11	24	DFT-S $\pi/2$ BPSK	20 MHz	1	1
23.20	23.02	23.04	23.08	24			1	26
23.19	23.18	23.07	23.15	24			1	49
22.67	22.66	22.58	22.58	23.5			25	0
23.04	23.14	23.15	23.06	24			25	13
22.51	22.53	22.61	22.54	23.5			25	26
22.53	22.60	22.62	22.51	23.5	50		0	
23.20	23.03	23.10	23.01	24	DFT-S QPSK		1	1
23.19	23.01	23.01	23.03	24			1	26
23.00	23.08	23.10	23.02	24			1	49
22.12	22.07	22.04	22.11	23			25	0
23.04	23.18	23.02	23.06	24			25	13
22.07	22.20	22.01	22.09	23		25	26	
22.17	22.13	22.00	22.14	23	50	0		
22.05	22.00	22.01	22.15	23	DFT-S 16QAM	1	1	
20.61	20.53	20.50	20.62	21.5	DFT-S 64QAM	1	1	
18.52	18.55	18.52	18.51	19.5	DFT-S 256QAM	1	1	
21.51	21.63	21.54	21.62	22.5	CP QPSK	1	1	

NR Band n48								
Maximum Average Power (dBm)				Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
637168	640168	643166	646166					
Channel				Frequency (MHz)				
3557.52	3602.52	3647.49	3692.49					
23.13	23.17	23.15	23.06	24	DFT-S $\pi/2$ BPSK	15 MHz	1	1
23.02	23.20	23.17	23.01	24			1	19
23.04	23.14	23.14	23.09	24			1	36
22.62	22.63	22.67	22.64	23.5			18	0
23.18	23.04	23.11	23.16	24			18	10
22.57	22.70	22.66	22.55	23.5			18	20
22.67	22.61	22.64	22.53	23.5			36	0
23.04	23.04	23.00	23.06	24	DFT-S QPSK		1	1
23.02	23.06	23.18	23.12	24			1	19
23.06	23.00	23.06	23.02	24			1	36
22.15	22.08	22.04	22.09	23			18	0
23.17	23.11	23.15	23.19	24			18	10
22.19	22.14	22.18	22.02	23			18	20
22.15	22.19	22.12	22.05	23			36	0
22.05	22.19	22.14	22.00	23	DFT-S 16QAM	1	1	
20.54	20.64	20.58	20.57	21.5	DFT-S 64QAM	1	1	
18.59	18.59	18.59	18.52	19.5	DFT-S 256QAM	1	1	
21.69	21.55	21.67	21.51	22.5	CP QPSK	1	1	

NR Band n48								
Maximum Average Power (dBm)				Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
637000	640110	643222	646332					
3555	3601.65	3648.33	3694.98	Frequency (MHz)				
23.17	23.17	23.11	23.07	24	DFT-S $\pi/2$ BPSK	10 MHz	1	1
23.20	23.05	23.18	23.04	24			1	11
23.01	23.07	23.14	23.19	24			1	22
22.57	22.67	22.56	22.67	23.5			12	0
23.10	23.15	23.13	23.03	24			12	6
22.62	22.65	22.60	22.69	23.5			12	12
22.53	22.63	22.60	22.57	23.5	24		0	
23.18	23.11	23.13	23.13	24	DFT-S QPSK		1	1
23.09	23.20	23.16	23.11	24			1	11
23.18	23.17	23.04	23.14	24			1	22
22.01	22.16	22.11	22.03	23			12	0
23.20	23.13	23.11	23.00	24			12	6
22.02	22.09	22.11	22.13	23		12	12	
22.15	22.20	22.10	22.04	23	24	0		
22.12	22.04	22.01	22.19	23	DFT-S 16QAM	1	1	
20.62	20.52	20.59	20.57	21.5	DFT-S 64QAM	1	1	
18.54	18.52	18.51	18.56	19.5	DFT-S 256QAM	1	1	
21.67	21.66	21.56	21.60	22.5	CP QPSK	1	1	

NR Band n77 Ant 6												
Maximum Average Power (dBm)								Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
633334	637430	641524	645619	649714	653810	657904	662000	Channel				
3500.01	3561.45	3622.86	3684.3	3745.71	3807.15	3868.56	3930	Frequency (MHz)				
23.70	23.56	23.61	23.57	23.56	23.58	23.69	23.62	24	DFT-S $\pi/2$ BPSK	100 MHz	1	1
23.61	23.56	23.56	23.59	23.63	23.61	23.51	23.60	24			1	137
23.69	23.64	23.70	23.51	23.53	23.55	23.64	23.52	24			1	271
23.07	23.12	23.12	23.04	23.07	23.13	23.20	23.07	23.5			135	0
23.53	23.55	23.68	23.63	23.62	23.50	23.61	23.51	24			135	69
23.12	23.13	23.01	23.02	23.12	23.11	23.11	23.06	23.5			135	138
23.11	23.16	23.16	23.20	23.00	23.06	23.01	23.19	23.5			270	0
23.79	23.55	23.52	23.90	23.63	23.51	23.72	23.58	24	DFT-S QPSK		1	1
23.52	23.58	23.53	23.54	23.55	23.53	23.58	23.67	24			1	137
23.56	23.53	23.53	23.57	23.59	23.55	23.59	23.68	24			1	271
22.59	22.67	22.63	22.58	22.55	22.52	22.68	22.57	23			135	0
23.54	23.57	23.53	23.53	23.51	23.58	23.53	23.54	24			135	69
22.62	22.57	22.64	22.66	22.69	22.60	22.51	22.50	23			135	138
22.67	22.66	22.70	22.72	22.66	22.62	22.64	22.56	23			270	0
22.61	22.70	22.56	22.68	22.64	22.68	22.52	22.64	23		DFT-S 16QAM	1	1
21.15	21.20	21.19	21.09	21.10	21.17	21.05	21.05	21.5	DFT-S 64QAM	1	1	
19.07	19.15	19.20	19.13	19.16	19.03	19.20	19.08	19.5	DFT-S 256QAM	1	1	
22.02	22.10	22.07	22.06	22.18	22.18	22.09	22.18	22.5	CP QPSK	1	1	

NR Band n77 Ant 6												
Maximum Average Power (dBm)								Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
633000	637190	641380	645570	649760	653950	658140	662333	Channel				
3495	3557.85	3620.7	3683.55	3746.4	3809.25	3872.1	3934.99	Frequency (MHz)				
23.65	23.57	23.55	23.52	23.55	23.60	23.66	23.53	24	DFT-S $\pi/2$ BPSK	90 MHz	1	1
23.69	23.55	23.63	23.65	23.64	23.52	23.60	23.66	24			1	123
23.52	23.52	23.54	23.51	23.69	23.66	23.63	23.70	24			1	243
23.07	23.05	23.16	23.03	23.06	23.12	23.18	23.13	23.5			120	0
23.55	23.69	23.69	23.66	23.66	23.56	23.55	23.61	24			120	63
23.06	23.20	23.07	23.19	23.01	23.07	23.06	23.13	23.5			120	125
23.07	23.12	23.14	23.01	23.13	23.02	23.19	23.02	23.5			243	0
23.59	23.60	23.63	23.66	23.63	23.57	23.60	23.59	24	DFT-S QPSK		1	1
23.60	23.64	23.66	23.68	23.61	23.63	23.54	23.56	24			1	123
23.58	23.51	23.58	23.59	23.66	23.59	23.54	23.70	24			1	243
22.62	22.62	22.69	22.53	22.51	22.58	22.53	22.68	23			120	0
23.52	23.67	23.70	23.67	23.54	23.61	23.63	23.50	24			120	63
22.64	22.54	22.69	22.57	22.54	22.58	22.51	22.58	23			120	125
22.61	22.63	22.69	22.58	22.53	22.66	22.66	22.68	23			243	0
22.69	22.58	22.56	22.70	22.58	22.68	22.61	22.50	23	DFT-S 16QAM	1	1	
21.11	21.07	21.06	21.20	21.13	21.15	21.06	21.15	21.5	DFT-S 64QAM	1	1	
19.17	19.19	19.15	19.18	19.18	19.17	19.01	19.14	19.5	DFT-S 256QAM	1	1	
22.03	22.06	22.16	22.07	22.19	22.06	22.11	22.16	22.5	CP QPSK	1	1	

NR Band n77 Ant 6												
Maximum Average Power (dBm)								Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
632680	636964	641248	645532	649816	654100	658382	662666	Channel				
3490.2	3554.46	3618.72	3682.98	3747.24	3811.5	3875.73	3939.99	Frequency (MHz)				
23.62	23.60	23.58	23.55	23.69	23.54	23.58	23.65	24	DFT-S $\pi/2$ BPSK	80 MHz	1	1
23.59	23.61	23.69	23.51	23.62	23.66	23.55	23.70	24			1	109
23.59	23.69	23.62	23.67	23.57	23.51	23.58	23.63	24			1	215
23.00	23.10	23.12	23.12	23.10	23.18	23.02	23.08	23.5			108	0
23.56	23.53	23.55	23.54	23.53	23.52	23.58	23.69	24			108	55
23.06	23.00	23.18	23.17	23.05	23.16	23.11	23.14	23.5			108	109
23.03	23.11	23.02	23.19	23.13	23.04	23.00	23.20	23.5			216	0
23.65	23.55	23.51	23.70	23.55	23.52	23.63	23.67	24	DFT-S QPSK		1	1
23.64	23.63	23.52	23.58	23.56	23.66	23.56	23.59	24			1	109
23.60	23.54	23.58	23.50	23.54	23.67	23.65	23.62	24			1	215
22.53	22.60	22.66	22.50	22.69	22.57	22.60	22.70	23			108	0
23.69	23.61	23.53	23.60	23.57	23.57	23.68	23.69	24			108	55
22.61	22.66	22.50	22.66	22.62	22.66	22.69	22.51	23			108	109
22.62	22.65	22.55	22.60	22.67	22.61	22.68	22.54	23			216	0
22.53	22.58	22.57	22.58	22.57	22.58	22.62	22.58	23	DFT-S 16QAM	1	1	
21.18	21.16	21.05	21.06	21.18	21.18	21.17	21.04	21.5	DFT-S 64QAM	1	1	
19.19	19.00	19.16	19.11	19.19	19.04	19.01	19.03	19.5	DFT-S 256QAM	1	1	
22.16	22.02	22.05	22.12	22.18	22.07	22.15	22.20	22.5	CP QPSK	1	1	

NR Band n77 Ant 6												
Maximum Average Power (dBm)								Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
632333	636712	641092	645472	649852	654232	658612	663000	Channel				
3485	3550.68	3616.38	3682.08	3747.78	3813.48	3879.18	3945	Frequency (MHz)				
23.62	23.54	23.57	23.50	23.67	23.59	23.55	23.56	24	DFT-S $\pi/2$ BPSK	70 MHz	1	1
23.50	23.52	23.56	23.53	23.66	23.58	23.52	23.50	24			1	95
23.65	23.62	23.56	23.56	23.64	23.53	23.66	23.54	24			1	187
23.11	23.09	23.11	23.12	23.03	23.07	23.14	23.06	23.5			90	0
23.56	23.58	23.62	23.66	23.54	23.55	23.51	23.65	24			90	50
23.07	23.04	23.15	23.00	23.03	23.05	23.04	23.18	23.5			90	99
23.08	23.08	23.18	23.05	23.15	23.14	23.01	23.13	23.5			180	0
23.61	23.65	23.52	23.64	23.54	23.63	23.56	23.66	24	DFT-S QPSK		1	1
23.60	23.57	23.56	23.66	23.70	23.54	23.65	23.63	24			1	95
23.55	23.50	23.57	23.61	23.59	23.65	23.62	23.51	24			1	187
22.62	22.57	22.68	22.57	22.52	22.69	22.68	22.67	23			90	0
23.54	23.61	23.56	23.50	23.66	23.54	23.54	23.64	24			90	50
22.61	22.66	22.59	22.54	22.50	22.51	22.68	22.53	23			90	99
22.59	22.56	22.56	22.67	22.56	22.63	22.60	22.58	23			180	0
22.52	22.50	22.56	22.61	22.61	22.58	22.64	22.50	23	DFT-S 16QAM	1	1	
21.08	21.05	21.16	21.18	21.12	21.02	21.02	21.06	21.5	DFT-S 64QAM	1	1	
19.00	19.17	19.02	19.08	19.17	19.08	19.11	19.15	19.5	DFT-S 256QAM	1	1	
22.13	22.18	22.13	22.01	22.03	22.06	22.09	22.20	22.5	CP QPSK	1	1	

NR Band n77 Ant 6												
Maximum Average Power (dBm)								Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
632000	636476	640952	645428	649904	654380	658856	663333	Channel				
3480	3547.14	3614.28	3681.42	3748.56	3815.7	3882.84	3949.99	Frequency (MHz)				
23.70	23.55	23.67	23.62	23.64	23.65	23.53	23.62	24	DFT-S $\pi/2$ BPSK	60 MHz	1	1
23.60	23.58	23.54	23.66	23.58	23.69	23.53	23.64	24			1	81
23.50	23.58	23.64	23.60	23.70	23.61	23.70	23.57	24			1	160
23.20	23.03	23.17	23.20	23.19	23.19	23.05	23.18	23.5			81	0
23.56	23.62	23.60	23.57	23.64	23.56	23.69	23.67	24			81	41
23.17	23.19	23.16	23.19	23.08	23.10	23.15	23.00	23.5			81	81
23.10	23.04	23.10	23.02	23.12	23.12	23.11	23.07	23.5			162	0
23.55	23.56	23.65	23.70	23.54	23.67	23.50	23.66	24	DFT-S QPSK		1	1
23.51	23.63	23.67	23.55	23.61	23.70	23.62	23.64	24			1	81
23.59	23.68	23.57	23.64	23.62	23.54	23.69	23.52	24			1	160
22.64	22.56	22.51	22.66	22.52	22.69	22.68	22.69	23			81	0
23.68	23.66	23.63	23.57	23.58	23.50	23.57	23.51	24			81	41
22.56	22.68	22.59	22.60	22.50	22.54	22.66	22.66	23			81	81
22.59	22.54	22.59	22.59	22.68	22.57	22.67	22.50	23			162	0
22.54	22.59	22.53	22.64	22.61	22.59	22.50	22.54	23	DFT-S 16QAM	1	1	
21.01	21.07	21.20	21.13	21.10	21.08	21.14	21.16	21.5	DFT-S 64QAM	1	1	
19.08	19.15	19.13	19.08	19.04	19.11	19.12	19.02	19.5	DFT-S 256QAM	1	1	
22.13	22.07	22.10	22.11	22.17	22.19	22.00	22.11	22.5	CP QPSK	1	1	

NR Band n77 Ant 6												
Maximum Average Power (dBm)								Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
631666	636238	640810	645382	649954	654526	659098	663666	Channel				
3474.99	3543.57	3612.15	3680.73	3749.31	3817.89	3886.47	3954.99	Frequency (MHz)				
23.61	23.65	23.67	23.62	23.63	23.52	23.68	23.51	24	DFT-S $\pi/2$ BPSK	50 MHz	1	1
23.67	23.62	23.54	23.53	23.61	23.51	23.59	23.56	24			1	67
23.50	23.63	23.55	23.51	23.50	23.68	23.53	23.62	24			1	131
23.09	23.07	23.11	23.09	23.12	23.14	23.18	23.16	23.5			64	0
23.60	23.52	23.63	23.51	23.54	23.67	23.53	23.53	24			64	35
23.00	23.13	23.06	23.10	23.09	23.20	23.17	23.13	23.5			64	69
23.19	23.04	23.07	23.02	23.14	23.10	23.00	23.16	23.5			128	0
23.59	23.63	23.53	23.51	23.69	23.59	23.63	23.52	24	DFT-S QPSK		1	1
23.50	23.60	23.62	23.61	23.66	23.57	23.51	23.69	24			1	1
23.65	23.59	23.70	23.65	23.52	23.64	23.50	23.65	24			1	67
22.64	22.63	22.66	22.58	22.63	22.67	22.64	22.54	23			1	131
23.60	23.68	23.55	23.56	23.65	23.54	23.56	23.59	24			64	0
22.59	22.52	22.63	22.54	22.57	22.61	22.54	22.68	23			64	35
22.58	22.57	22.69	22.65	22.70	22.51	22.67	22.50	23			64	69
22.69	22.54	22.65	22.61	22.67	22.70	22.56	22.59	23	DFT-S 16QAM	128	0	
21.13	21.16	21.04	21.04	21.10	21.03	21.18	21.15	21.5	DFT-S 64QAM	1	1	
19.00	19.17	19.13	19.17	19.04	19.12	19.06	19.07	19.5	DFT-S 256QAM	1	1	
22.06	22.14	22.13	22.07	22.16	22.06	22.02	22.20	22.5	CP QPSK	1	1	

NR Band n77 Ant 6												
Maximum Average Power (dBm)								Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
631340	636006	640672	654338	650004	654700	659336	664000	Channel				
3470.1	3540.09	3610.08	3680.07	3750.06	3820.05	3890.04	3960	Frequency (MHz)				
23.56	23.70	23.54	23.65	23.63	23.63	23.50	23.62	24	DFT-S $\pi/2$ BPSK	40 MHz	1	1
23.59	23.68	23.54	23.57	23.56	23.50	23.54	23.53	24			1	53
23.68	23.61	23.51	23.60	23.61	23.68	23.55	23.51	24			1	104
23.09	23.06	23.08	23.09	23.15	23.07	23.13	23.10	23.5			50	0
23.56	23.66	23.67	23.68	23.69	23.55	23.68	23.62	24			50	28
23.01	23.06	23.19	23.06	23.04	23.19	23.10	23.09	23.5			50	56
23.07	23.07	23.03	23.03	23.03	23.14	23.11	23.04	23.5			100	0
23.54	23.52	23.65	23.57	23.57	23.67	23.68	23.56	24	DFT-S QPSK		1	1
23.64	23.52	23.61	23.52	23.67	23.51	23.54	23.53	24			1	53
23.67	23.60	23.58	23.64	23.55	23.58	23.50	23.52	24			1	104
22.51	22.69	22.51	22.68	22.57	22.56	22.56	22.57	23			50	0
23.62	23.55	23.58	23.52	23.54	23.65	23.58	23.61	24			50	28
22.57	22.66	22.60	22.59	22.50	22.64	22.52	22.61	23			50	56
22.61	22.62	22.57	22.59	22.54	22.61	22.53	22.59	23			100	0
22.57	22.67	22.60	22.56	22.53	22.58	22.54	22.69	23	DFT-S 16QAM	128	0	
21.14	21.04	21.17	21.09	21.08	21.08	21.13	21.00	21.5	DFT-S 64QAM	1	1	
19.11	19.00	19.20	19.15	19.14	19.06	19.06	19.15	19.5	DFT-S 256QAM	1	1	
22.07	22.13	22.10	22.14	22.07	22.15	22.12	22.07	22.5	CP QPSK	1	1	

NR Band n77 Ant 6												
Maximum Average Power (dBm)								Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
631000	635762	640524	645286	650048	654810	659572	664333	Channel				
3465	3536.43	3607.86	3679.29	3750.72	3822.15	3893.58	3964.99	Frequency (MHz)				
23.59	23.53	23.59	23.59	23.58	23.54	23.54	23.66	24	DFT-S $\pi/2$ BPSK	30 MHz	1	1
23.69	23.68	23.67	23.50	23.52	23.63	23.64	23.67	24			1	39
23.66	23.53	23.62	23.65	23.52	23.54	23.51	23.70	24			1	76
23.10	23.04	23.11	23.20	23.13	23.03	23.00	23.17	23.5			36	0
23.57	23.70	23.58	23.59	23.55	23.54	23.55	23.60	24			36	21
23.05	23.06	23.02	23.03	23.12	23.20	23.01	23.18	23.5			36	42
23.16	23.04	23.09	23.12	23.00	23.05	23.16	23.05	23.5			75	0
23.66	23.61	23.62	23.54	23.70	23.52	23.52	23.54	24	DFT-S QPSK	30 MHz	1	1
23.57	23.54	23.51	23.62	23.65	23.66	23.60	23.50	24			1	39
23.62	23.67	23.65	23.64	23.62	23.53	23.66	23.67	24			1	76
22.55	22.60	22.65	22.51	22.50	22.55	22.65	22.56	23			36	0
23.50	23.69	23.62	23.52	23.67	23.55	23.61	23.51	24			36	21
22.70	22.58	22.60	22.66	22.69	22.51	22.70	22.67	23			36	42
22.57	22.55	22.66	22.64	22.51	22.64	22.64	22.65	23			75	0
22.64	22.55	22.53	22.55	22.57	22.63	22.70	22.69	23	DFT-S 16QAM	128	0	
21.02	21.03	21.00	21.06	21.05	21.06	21.02	21.10	21.5	DFT-S 64QAM	1	1	
19.05	19.07	19.10	19.14	19.01	19.18	19.08	19.04	19.5	DFT-S 256QAM	1	1	
22.16	22.16	22.20	22.19	22.13	22.00	22.20	22.13	22.5	CP QPSK	1	1	

NR Band n77 Ant 6												
Maximum Average Power (dBm)								Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
630840	635648	640456	645264	650072	654880	659690	664500	Channel				
3462.6	3534.72	3606.84	3678.96	3751.08	3823.2	3895.35	3967.5	Frequency (MHz)				
23.59	23.51	23.50	23.56	23.59	23.51	23.54	23.61	24	DFT-S $\pi/2$ BPSK	25 MHz	1	1
23.55	23.69	23.67	23.63	23.58	23.51	23.66	23.52	24			1	33
23.53	23.60	23.67	23.53	23.60	23.54	23.62	23.55	24			1	63
23.02	23.07	23.00	23.08	23.17	23.09	23.20	23.06	23.5			32	0
23.68	23.60	23.54	23.61	23.58	23.67	23.53	23.68	24			32	17
23.16	23.06	23.10	23.03	23.12	23.07	23.14	23.20	23.5			32	33
23.11	23.02	23.07	23.06	23.16	23.05	23.00	23.17	23.5			64	0
23.52	23.63	23.54	23.70	23.56	23.62	23.68	23.63	24	DFT-S QPSK		1	1
23.58	23.64	23.60	23.62	23.53	23.60	23.60	23.59	24			1	33
23.66	23.70	23.57	23.68	23.68	23.50	23.53	23.55	24			1	63
22.50	22.66	22.70	22.64	22.56	22.50	22.68	22.52	23			32	0
23.61	23.69	23.55	23.70	23.62	23.62	23.54	23.53	24			32	17
22.68	22.62	22.70	22.59	22.66	22.51	22.56	22.53	23			32	33
22.60	22.52	22.68	22.50	22.62	22.69	22.61	22.60	23			64	0
22.52	22.59	22.60	22.61	22.69	22.63	22.69	22.57	23	DFT-S 16QAM	128	0	
21.07	21.18	21.00	21.06	21.12	21.03	21.09	21.07	21.5	DFT-S 64QAM	1	1	
19.05	19.11	19.14	19.03	19.16	19.17	19.17	19.08	19.5	DFT-S 256QAM	1	1	
22.08	22.10	22.08	22.06	22.14	22.10	22.19	22.07	22.5	CP QPSK	1	1	

NR Band n77 Ant 6												
Maximum Average Power (dBm)								Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
630666	635522	640378	645236	650094	654950	659808	664666	Channel				
3459.99	3532.83	3605.67	3678.54	3751.41	3824.25	3897.12	3969.99	Frequency (MHz)				
23.58	23.70	23.66	23.65	23.55	23.55	23.66	23.69	24	DFT-S $\pi/2$ BPSK	20 MHz	1	1
23.70	23.59	23.65	23.62	23.70	23.66	23.65	23.59	24			1	26
23.61	23.57	23.63	23.61	23.68	23.56	23.67	23.56	24			1	49
23.16	23.02	23.10	23.05	23.17	23.05	23.10	23.16	23.5			25	0
23.58	23.51	23.70	23.61	23.68	23.51	23.60	23.70	24			25	13
23.14	23.02	23.01	23.09	23.06	23.10	23.09	23.14	23.5			25	26
23.09	23.03	23.10	23.14	23.16	23.14	23.15	23.06	23.5			50	0
23.59	23.59	23.55	23.50	23.52	23.59	23.54	23.70	24	DFT-S QPSK	20 MHz	1	1
23.50	23.52	23.65	23.54	23.52	23.54	23.67	23.53	24			1	26
23.54	23.50	23.67	23.61	23.58	23.65	23.55	23.57	24			1	49
22.68	22.52	22.53	22.58	22.66	22.68	22.59	22.55	23			25	0
23.56	23.60	23.58	23.65	23.52	23.65	23.61	23.58	24			25	13
22.69	22.64	22.55	22.50	22.51	22.52	22.55	22.69	23			25	26
22.51	22.59	22.65	22.64	22.67	22.65	22.62	22.66	23			50	0
22.51	22.61	22.54	22.52	22.60	22.65	22.57	22.67	23	DFT-S 16QAM	128	0	
21.06	21.18	21.10	21.14	21.13	21.20	21.05	21.05	21.5	DFT-S 64QAM	1	1	
19.04	19.04	19.12	19.05	19.18	19.16	19.04	19.03	19.5	DFT-S 256QAM	1	1	
22.07	22.16	22.11	22.01	22.13	22.13	22.05	22.14	22.5	CP QPSK	1	1	

NR Band n77 Ant 6												
Maximum Average Power (dBm)								Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
630500	635404	640308	645212	650118	655022	659926	664833	Channel				
3457.5	3531.06	3604.62	3678.18	3751.77	3825.33	3898.89	3972.5	Frequency (MHz)				
23.53	23.54	23.70	23.61	23.64	23.61	23.59	23.57	24	DFT-S $\pi/2$ BPSK	15 MHz	1	1
23.57	23.57	23.58	23.68	23.53	23.51	23.54	23.60	24			1	19
23.56	23.69	23.63	23.52	23.56	23.55	23.51	23.60	24			1	36
23.09	23.18	23.04	23.19	23.19	23.01	23.11	23.10	23.5			18	0
23.63	23.65	23.51	23.56	23.68	23.68	23.69	23.67	24			18	10
23.06	23.08	23.20	23.14	23.04	23.20	23.00	23.06	23.5			18	20
23.12	23.05	23.13	23.13	23.16	23.07	23.03	23.03	23.5			36	0
23.53	23.56	23.58	23.50	23.69	23.52	23.50	23.55	24	DFT-S QPSK	15 MHz	1	1
23.64	23.64	23.64	23.58	23.66	23.51	23.63	23.53	24			1	19
23.51	23.69	23.51	23.60	23.50	23.58	23.51	23.68	24			1	36
22.54	22.60	22.53	22.67	22.66	22.68	22.66	22.63	23			18	0
23.68	23.58	23.64	23.58	23.66	23.58	23.58	23.63	24			18	10
22.61	22.70	22.66	22.60	22.66	22.62	22.62	22.60	23			18	20
22.55	22.67	22.53	22.70	22.52	22.64	22.58	22.65	23			36	0
22.55	22.61	22.68	22.62	22.52	22.63	22.55	22.54	23	DFT-S 16QAM	128	0	
21.18	21.13	21.20	21.20	21.16	21.18	21.11	21.00	21.5	DFT-S 64QAM	1	1	
19.11	19.20	19.05	19.16	19.04	19.11	19.14	19.16	19.5	DFT-S 256QAM	1	1	
22.03	22.12	22.11	22.00	22.04	22.17	22.04	22.03	22.5	CP QPSK	1	1	

NR Band n77 Ant 6												
Maximum Average Power (dBm)								Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
630333	635286	640238	645190	650142	655094	660046	665000	Channel				
3454.99	3529.29	3603.57	3677.85	3752.13	3826.41	3900.69	3975	Frequency (MHz)				
23.61	23.68	23.66	23.55	23.57	23.65	23.68	23.65	24	DFT-S $\pi/2$ BPSK	10 MHz	1	1
23.59	23.68	23.67	23.61	23.68	23.60	23.52	23.66	24			1	11
23.58	23.65	23.51	23.57	23.51	23.50	23.68	23.62	24			1	22
23.08	23.08	23.17	23.15	23.08	23.03	23.06	23.01	23.5			12	0
23.65	23.59	23.58	23.52	23.67	23.57	23.69	23.58	24			12	6
23.07	23.08	23.09	23.20	23.06	23.07	23.20	23.20	23.5			12	12
23.14	23.02	23.17	23.06	23.14	23.12	23.20	23.19	23.5			24	0
23.57	23.60	23.69	23.51	23.67	23.69	23.66	23.64	24	DFT-S QPSK	10 MHz	1	1
23.61	23.69	23.52	23.58	23.57	23.62	23.64	23.70	24			1	11
23.70	23.52	23.69	23.56	23.60	23.67	23.52	23.59	24			1	22
22.60	22.64	22.68	22.52	22.60	22.61	22.62	22.56	23			12	0
23.52	23.67	23.54	23.63	23.52	23.57	23.62	23.66	24			12	6
22.58	22.58	22.55	22.67	22.67	22.53	22.55	22.52	23			12	12
22.55	22.58	22.70	22.62	22.70	22.65	22.67	22.54	23			24	0
22.52	22.59	22.51	22.61	22.56	22.52	22.64	22.55	23	DFT-S 16QAM	128	0	
21.19	21.08	21.10	21.09	21.00	21.10	21.08	21.11	21.5	DFT-S 64QAM	1	1	
19.12	19.04	19.08	19.01	19.05	19.12	19.10	19.20	19.5	DFT-S 256QAM	1	1	
22.17	22.04	22.09	22.17	22.13	22.06	22.18	22.10	22.5	CP QPSK	1	1	

NR Band n48 Ant 7								
Maximum Average Power (dBm)				Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
638000	640444	642888	645332					
Channel				Frequency (MHz)				
3570	3606.66	3643.32	3679.98					
23.14	23.08	23.04	23.16	24	DFT-S $\pi/2$ BPSK	40 MHz	1	1
23.17	23.09	23.11	23.05	24			1	53
23.17	23.20	23.09	23.14	24			1	104
22.53	22.59	22.62	22.56	23.5			50	0
23.17	23.02	23.08	23.08	24			50	28
22.64	22.52	22.70	22.51	23.5			50	56
22.61	22.60	22.59	22.60	23.5			100	0
23.14	23.46	23.21	23.40	24	DFT-S QPSK		1	1
23.07	23.20	23.04	23.20	24			1	53
23.00	23.04	23.06	23.02	24			1	104
22.07	22.19	22.11	22.16	23			50	0
23.04	23.21	23.17	23.06	24			50	28
22.05	22.16	22.11	22.16	23			50	56
22.15	22.19	22.11	22.16	23			100	0
22.06	22.03	22.17	22.10	23	DFT-S 16QAM	1	1	
20.52	20.53	20.66	20.50	21.5	DFT-S 64QAM	1	1	
18.62	18.50	18.59	18.60	19.5	DFT-S 256QAM	1	1	
21.56	21.69	21.50	21.50	22.5	CP QPSK	1	1	

NR Band n48								
Maximum Average Power (dBm)				Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
637668	640334	643000	645666					
Channel				Frequency (MHz)				
3565.02	3605.01	3645	3684.99					
23.17	23.04	23.19	23.04	24	DFT-S $\pi/2$ BPSK	30 MHz	1	1
23.14	23.03	23.13	23.07	24			1	39
23.04	23.12	23.12	23.11	24			1	76
22.60	22.59	22.60	22.56	23.5			36	0
23.10	23.18	23.01	23.00	24			36	21
22.57	22.61	22.63	22.56	23.5			36	42
22.52	22.59	22.62	22.55	23.5			75	0
23.07	23.02	23.05	23.18	24	DFT-S QPSK		1	1
23.04	23.17	23.15	23.09	24			1	39
23.18	23.13	23.09	23.07	24			1	76
22.07	22.07	22.05	22.20	23			36	0
23.18	23.01	23.00	23.11	24			36	21
22.06	22.05	22.00	22.18	23			36	42
22.05	22.18	22.07	22.08	23			75	0
22.09	22.08	22.18	22.12	23	DFT-S 16QAM	1	1	
20.68	20.55	20.70	20.58	21.5	DFT-S 64QAM	1	1	
18.63	18.55	18.57	18.60	19.5	DFT-S 256QAM	1	1	
21.69	21.62	21.60	21.58	22.5	CP QPSK	1	1	

NR Band n48								
Maximum Average Power (dBm)				Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
637334	640220	643114	646000					
Channel				Frequency (MHz)				
3560.01	3603.3	3646.71	3690					
23.16	23.18	23.10	23.06	24	DFT-S $\pi/2$ BPSK	20 MHz	1	1
23.11	23.12	23.00	23.10	24			1	26
23.06	23.13	23.12	23.06	24			1	49
22.51	22.59	22.66	22.62	23.5			25	0
23.11	23.03	23.05	23.13	24			25	13
22.68	22.52	22.63	22.60	23.5			25	26
22.69	22.62	22.59	22.68	23.5			50	0
23.11	23.00	23.02	23.16	24	DFT-S QPSK		1	1
23.11	23.20	23.06	23.05	24			1	26
23.08	23.16	23.14	23.11	24			1	49
22.17	22.00	22.08	22.18	23			25	0
23.01	23.12	23.20	23.19	24			25	13
22.15	22.00	22.13	22.10	23			25	26
22.13	22.01	22.09	22.01	23			50	0
22.08	22.17	22.17	22.00	23	DFT-S 16QAM	1	1	
20.61	20.65	20.56	20.60	21.5	DFT-S 64QAM	1	1	
18.54	18.57	18.54	18.68	19.5	DFT-S 256QAM	1	1	
21.60	21.69	21.58	21.53	22.5	CP QPSK	1	1	

NR Band n48								
Maximum Average Power (dBm)				Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
637168	640168	643166	646166					
Channel				Frequency (MHz)				
3557.52	3602.52	3647.49	3692.49					
23.19	23.12	23.01	23.09	24	DFT-S $\pi/2$ BPSK	15 MHz	1	1
23.18	23.15	23.00	23.16	24			1	19
23.09	23.15	23.06	23.15	24			1	36
22.53	22.51	22.66	22.58	23.5			18	0
23.13	23.13	23.17	23.18	24			18	10
22.51	22.68	22.65	22.56	23.5			18	20
22.62	22.69	22.57	22.54	23.5			36	0
23.18	23.03	23.10	23.12	24	DFT-S QPSK		1	1
23.20	23.16	23.11	23.13	24			1	19
23.01	23.13	23.18	23.15	24			1	36
22.18	22.02	22.17	22.11	23			18	0
23.07	23.09	23.15	23.07	24			18	10
22.01	22.07	22.10	22.01	23			18	20
22.09	22.15	22.16	22.08	23			36	0
22.14	22.14	22.20	22.08	23	DFT-S 16QAM	1	1	
20.67	20.62	20.63	20.53	21.5	DFT-S 64QAM	1	1	
18.57	18.54	18.58	18.62	19.5	DFT-S 256QAM	1	1	
21.51	21.62	21.55	21.54	22.5	CP QPSK	1	1	

NR Band n48								
Maximum Average Power (dBm)				Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
637000	640110	643222	646332					
Channel				Frequency (MHz)				
3555	3601.65	3648.33	3694.98					
23.08	23.14	23.05	23.18	24	DFT-S $\pi/2$ BPSK	10 MHz	1	1
23.12	23.02	23.11	23.19	24			1	11
23.18	23.03	23.04	23.20	24			1	22
22.61	22.66	22.64	22.69	23.5			12	0
23.12	23.19	23.18	23.12	24			12	6
22.54	22.68	22.60	22.66	23.5			12	12
22.50	22.62	22.55	22.64	23.5			24	0
23.07	23.05	23.15	23.17	24	DFT-S QPSK		1	1
23.09	23.17	23.10	23.19	24			1	11
23.19	23.10	23.01	23.12	24			1	22
22.05	22.02	22.00	22.04	23			12	0
23.06	23.10	23.17	23.08	24			12	6
22.16	22.04	22.08	22.14	23			12	12
22.02	22.12	22.04	22.20	23			24	0
22.08	22.18	22.07	22.16	23	DFT-S 16QAM	1	1	
20.51	20.57	20.70	20.66	21.5	DFT-S 64QAM	1	1	
18.53	18.63	18.50	18.51	19.5	DFT-S 256QAM	1	1	
21.61	21.64	21.60	21.52	22.5	CP QPSK	1	1	

NR Band n77 Ant 7												
Maximum Average Power (dBm)								Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
633334	637430	641524	645619	649714	653810	657904	662000	Channel				
3500.01	3561.45	3622.86	3684.3	3745.71	3807.15	3868.56	3930	Frequency (MHz)				
23.40	23.32	23.30	23.50	23.32	23.46	23.40	23.32	24	DFT-S $\pi/2$ BPSK	100 MHz	1	1
23.35	23.47	23.44	23.47	23.48	23.37	23.31	23.30	24			1	137
23.50	23.48	23.49	23.49	23.48	23.47	23.44	23.44	24			1	271
22.93	22.84	22.87	22.83	23.00	22.84	22.84	22.84	23.5			135	0
23.43	23.50	23.37	23.42	23.39	23.35	23.40	23.32	24			135	69
22.92	22.88	23.00	22.91	22.93	22.95	22.92	22.89	23.5			135	138
22.99	22.88	22.90	22.81	22.84	22.90	22.97	22.89	23.5			270	0
23.96	23.67	23.73	23.97	23.67	23.79	23.75	23.86	24	DFT-S QPSK	100 MHz	1	1
23.59	23.55	23.55	23.57	23.55	23.56	23.51	23.51	24			1	137
23.51	23.50	23.53	23.59	23.55	23.59	23.56	23.53	24			1	271
22.45	22.34	22.39	22.31	22.49	22.48	22.37	22.49	23			135	0
23.50	23.57	23.59	23.57	23.51	23.59	23.54	23.54	24			135	69
22.35	22.31	22.49	22.35	22.42	22.42	22.48	22.48	23			135	138
22.41	22.39	22.36	22.43	22.36	22.36	22.41	22.39	23			270	0
22.33	22.32	22.39	22.36	22.42	22.31	22.48	22.45	23	DFT-S 16QAM	1	1	
20.99	20.89	20.80	20.85	20.98	20.95	20.82	20.86	21.5	DFT-S 64QAM	1	1	
18.82	18.90	18.88	18.92	18.85	18.88	18.95	18.82	19.5	DFT-S 256QAM	1	1	
21.87	21.85	21.85	21.81	21.94	21.80	21.90	21.96	22.5	CP QPSK	1	1	

NR Band n77 Ant 7												
Maximum Average Power (dBm)								Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
633000	637190	641380	645570	649760	653950	658140	662333	Channel				
3495	3557.85	3620.7	3683.55	3746.4	3809.25	3872.1	3934.99	Frequency (MHz)				
23.48	23.32	23.36	23.31	23.40	23.37	23.31	23.38	24	DFT-S $\pi/2$ BPSK	90 MHz	1	1
23.42	23.42	23.48	23.48	23.45	23.49	23.46	23.43	24			1	123
23.30	23.31	23.49	23.43	23.35	23.47	23.46	23.46	24			1	243
22.98	22.86	22.80	22.90	22.93	22.95	22.83	22.80	23.5			120	0
23.31	23.45	23.47	23.50	23.32	23.33	23.32	23.48	24			120	63
22.87	22.92	22.82	22.81	22.81	22.99	22.91	22.92	23.5			120	125
22.97	22.98	22.86	22.90	22.98	22.80	22.83	22.81	23.5			243	0
23.52	23.35	23.59	23.31	23.45	23.60	23.56	23.58	24	DFT-S QPSK		1	1
23.42	23.39	23.41	23.32	23.48	23.39	23.49	23.41	24			1	123
23.40	23.48	23.40	23.43	23.34	23.45	23.35	23.40	24			1	243
22.31	22.30	22.38	22.44	22.44	22.45	22.35	22.36	23			120	0
23.34	23.34	23.39	23.39	23.42	23.37	23.33	23.48	24			120	63
22.36	22.44	22.42	22.50	22.47	22.41	22.44	22.42	23			120	125
22.40	22.49	22.35	22.33	22.47	22.36	22.47	22.42	23			243	0
22.40	22.43	22.43	22.47	22.45	22.46	22.44	22.34	23	DFT-S 16QAM	1	1	
20.83	20.87	20.84	20.93	20.98	21.00	20.82	20.84	21.5	DFT-S 64QAM	1	1	
18.90	18.81	18.83	19.00	18.99	19.00	18.97	18.86	19.5	DFT-S 256QAM	1	1	
21.98	21.80	21.80	21.92	21.84	22.00	21.82	21.90	22.5	CP QPSK	1	1	

NR Band n77 Ant 7												
Maximum Average Power (dBm)								Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
632680	636964	641248	645532	649816	654100	658382	662666	Channel				
3490.2	3554.46	3618.72	3682.98	3747.24	3811.5	3875.73	3939.99	Frequency (MHz)				
23.50	23.37	23.37	23.35	23.47	23.41	23.35	23.31	24	DFT-S $\pi/2$ BPSK	80 MHz	1	1
23.50	23.31	23.43	23.46	23.37	23.48	23.44	23.30	24			1	109
23.43	23.45	23.37	23.42	23.50	23.42	23.39	23.40	24			1	215
22.81	23.00	22.83	22.80	22.97	22.82	22.94	22.83	23.5			108	0
23.40	23.47	23.38	23.42	23.42	23.43	23.34	23.40	24			108	55
22.84	22.93	22.80	22.80	22.96	22.88	22.90	22.92	23.5			108	109
22.88	22.91	22.91	22.94	22.93	22.99	22.82	22.99	23.5			216	0
23.34	23.38	23.50	23.47	23.59	23.40	23.58	23.58	24	DFT-S QPSK		1	1
23.47	23.42	23.43	23.48	23.32	23.43	23.39	23.46	24			1	109
23.45	23.42	23.48	23.30	23.37	23.44	23.30	23.42	24			1	215
22.30	22.30	22.35	22.48	22.38	22.39	22.31	22.37	23			108	0
23.48	23.49	23.36	23.43	23.40	23.44	23.35	23.38	24			108	55
22.38	22.47	22.43	22.49	22.42	22.30	22.40	22.48	23			108	109
22.31	22.43	22.43	22.40	22.44	22.34	22.33	22.50	23			216	0
22.50	22.38	22.47	22.39	22.48	22.36	22.31	22.42	23	DFT-S 16QAM	1	1	
20.91	20.96	20.92	20.84	20.99	20.89	20.97	20.83	21.5	DFT-S 64QAM	1	1	
18.87	18.92	18.90	18.86	18.95	18.82	18.97	18.93	19.5	DFT-S 256QAM	1	1	
21.84	21.95	21.96	21.80	21.99	21.81	22.00	21.84	22.5	CP QPSK	1	1	

NR Band n77 Ant 7												
Maximum Average Power (dBm)								Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
632333	636712	641092	645472	649852	654232	658612	663000	Channel				
3485	3550.68	3616.38	3682.08	3747.78	3813.48	3879.18	3945	Frequency (MHz)				
23.36	23.42	23.45	23.47	23.38	23.35	23.46	23.50	24	DFT-S $\pi/2$ BPSK	70 MHz	1	1
23.32	23.41	23.41	23.38	23.35	23.37	23.46	23.35	24			1	95
23.43	23.44	23.45	23.49	23.40	23.40	23.40	23.38	24			1	187
22.86	22.90	22.92	22.87	22.93	22.88	22.90	22.99	23.5			90	0
23.44	23.42	23.42	23.46	23.48	23.47	23.33	23.46	24			90	50
22.94	23.00	22.90	22.91	22.82	22.92	22.83	22.84	23.5			90	99
22.90	23.00	22.89	22.82	22.99	22.95	22.94	22.93	23.5			180	0
23.35	23.53	23.48	23.37	23.35	23.33	23.44	23.39	24	DFT-S QPSK		1	1
23.45	23.41	23.36	23.34	23.46	23.43	23.38	23.30	24			1	95
23.47	23.47	23.49	23.41	23.46	23.45	23.47	23.48	24			1	187
22.48	22.33	22.48	22.39	22.31	22.34	22.34	22.33	23			90	0
23.30	23.30	23.30	23.40	23.45	23.40	23.39	23.45	24			90	50
22.48	22.38	22.34	22.35	22.33	22.42	22.33	22.43	23			90	99
22.48	22.49	22.50	22.30	22.49	22.49	22.50	22.39	23			180	0
22.43	22.32	22.50	22.38	22.40	22.36	22.39	22.31	23		DFT-S 16QAM	1	1
20.97	20.97	20.86	20.97	20.84	20.80	20.93	20.91	21.5	DFT-S 64QAM	1	1	
18.92	18.91	18.87	18.91	18.81	18.95	18.87	18.91	19.5	DFT-S 256QAM	1	1	
21.96	21.93	21.95	21.85	21.90	21.90	21.85	21.86	22.5	CP QPSK	1	1	

NR Band n77 Ant 7												
Maximum Average Power (dBm)								Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
632000	636476	640952	645428	649904	654380	658856	663333	Channel				
3480	3547.14	3614.28	3681.42	3748.56	3815.7	3882.84	3949.99	Frequency (MHz)				
23.45	23.37	23.36	23.41	23.45	23.33	23.37	23.44	24	DFT-S $\pi/2$ BPSK	60 MHz	1	1
23.46	23.39	23.40	23.42	23.48	23.38	23.48	23.39	24			1	81
23.43	23.32	23.39	23.43	23.35	23.40	23.40	23.46	24			1	160
22.89	22.89	22.81	22.89	22.89	22.90	22.88	23.00	23.5			81	0
23.38	23.47	23.40	23.50	23.42	23.38	23.49	23.30	24			81	41
22.80	22.96	22.82	22.93	22.98	22.95	22.80	22.90	23.5			81	81
22.85	22.86	22.84	22.87	22.98	22.87	22.87	22.94	23.5			162	0
23.47	23.56	23.33	23.38	23.48	23.40	23.57	23.47	24	DFT-S QPSK	60 MHz	1	1
23.47	23.33	23.46	23.47	23.46	23.32	23.44	23.36	24			1	81
23.47	23.44	23.35	23.44	23.36	23.37	23.50	23.47	24			1	160
22.45	22.48	22.50	22.46	22.30	22.44	22.46	22.47	23			81	0
23.35	23.30	23.31	23.45	23.50	23.49	23.47	23.36	24			81	41
22.30	22.38	22.41	22.47	22.30	22.38	22.30	22.34	23			81	81
22.46	22.37	22.39	22.40	22.41	22.33	22.37	22.43	23			162	0
22.39	22.35	22.40	22.46	22.37	22.35	22.37	22.42	23	DFT-S 16QAM	1	1	
20.97	20.86	20.90	20.90	20.95	20.96	20.86	20.99	21.5	DFT-S 64QAM	1	1	
18.88	18.96	18.88	18.88	18.84	18.94	18.87	18.83	19.5	DFT-S 256QAM	1	1	
21.84	21.83	21.92	21.85	21.96	21.93	21.84	22.00	22.5	CP QPSK	1	1	

NR Band n77 Ant 7												
Maximum Average Power (dBm)								Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
631666	636238	640810	645382	649954	654526	659098	663666	Channel				
3474.99	3543.57	3612.15	3680.73	3749.31	3817.89	3886.47	3954.99	Frequency (MHz)				
23.47	23.39	23.34	23.33	23.34	23.39	23.42	23.44	24	DFT-S $\pi/2$ BPSK	50 MHz	1	1
23.36	23.50	23.43	23.35	23.32	23.38	23.45	23.32	24			1	67
23.32	23.48	23.35	23.37	23.45	23.39	23.31	23.49	24			1	131
22.88	22.98	22.95	22.98	22.86	22.83	22.84	22.91	23.5			64	0
23.40	23.35	23.30	23.44	23.40	23.38	23.32	23.38	24			64	35
22.89	22.93	22.98	22.96	23.00	22.90	22.88	22.89	23.5			64	69
22.87	23.00	22.84	22.98	22.85	22.80	22.84	22.93	23.5			128	0
23.31	23.55	23.48	23.32	23.50	23.53	23.40	23.39	24			1	1
23.35	23.48	23.37	23.44	23.35	23.41	23.49	23.50	24	DFT-S QPSK	50 MHz	1	1
23.34	23.39	23.48	23.39	23.41	23.38	23.31	23.48	24			1	67
22.44	22.30	22.47	22.46	22.37	22.31	22.44	22.45	23			1	131
23.43	23.34	23.39	23.38	23.49	23.44	23.36	23.35	24			64	0
22.41	22.45	22.35	22.46	22.48	22.40	22.41	22.37	23			64	35
22.43	22.47	22.44	22.43	22.49	22.41	22.41	22.44	23			64	69
22.39	22.45	22.49	22.49	22.43	22.43	22.41	22.48	23			128	0
20.88	20.96	20.84	20.92	20.88	20.80	20.87	20.82	21.5			DFT-S 16QAM	1
18.96	18.97	18.86	18.87	18.93	18.93	18.92	18.88	19.5	DFT-S 64QAM	1	1	
21.92	21.94	21.81	22.00	21.84	21.84	21.88	21.83	22.5	DFT-S 256QAM	1	1	
									CP QPSK	1	1	

NR Band n77 Ant 7												
Maximum Average Power (dBm)								Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
631340	636006	640672	654338	650004	654700	659336	664000	Channel				
3470.1	3540.09	3610.08	3680.07	3750.06	3820.05	3890.04	3960	Frequency (MHz)				
23.31	23.42	23.32	23.30	23.48	23.44	23.46	23.36	24	DFT-S $\pi/2$ BPSK	40 MHz	1	1
23.41	23.40	23.49	23.47	23.46	23.47	23.46	23.47	24			1	53
23.47	23.36	23.35	23.37	23.48	23.35	23.38	23.32	24			1	104
22.92	22.86	22.98	22.80	22.81	22.82	22.88	22.83	23.5			50	0
23.45	23.49	23.32	23.41	23.38	23.44	23.41	23.30	24			50	28
22.81	22.92	22.83	22.84	22.97	22.91	22.85	22.88	23.5			50	56
22.98	22.91	22.98	22.88	22.81	22.96	22.85	22.86	23.5			100	0
23.36	23.56	23.34	23.34	23.59	23.44	23.55	23.43	24	DFT-S QPSK		1	1
23.47	23.33	23.30	23.42	23.48	23.48	23.43	23.35	24			1	53
23.35	23.49	23.50	23.45	23.49	23.48	23.33	23.40	24			1	104
22.43	22.50	22.44	22.34	22.48	22.43	22.48	22.38	23			50	0
23.41	23.31	23.43	23.40	23.31	23.45	23.39	23.47	24			50	28
22.34	22.49	22.42	22.35	22.35	22.46	22.32	22.30	23			50	56
22.38	22.31	22.31	22.37	22.41	22.46	22.48	22.30	23			100	0
22.37	22.39	22.48	22.37	22.40	22.40	22.33	22.32	23		DFT-S 16QAM	128	0
20.95	20.96	20.92	20.80	20.99	20.83	20.84	20.82	21.5	DFT-S 64QAM	1	1	
18.83	18.82	18.82	18.97	18.86	18.80	18.84	18.88	19.5	DFT-S 256QAM	1	1	
21.87	21.91	21.81	21.85	21.95	21.85	21.83	21.95	22.5	CP QPSK	1	1	

NR Band n77 Ant 7												
Maximum Average Power (dBm)								Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
631000	635762	640524	645286	650048	654810	659572	664333					
3465	3536.43	3607.86	3679.29	3750.72	3822.15	3893.58	3964.99	Frequency (MHz)				
23.44	23.30	23.33	23.30	23.37	23.45	23.44	23.45	24	DFT-S $\pi/2$ BPSK	30 MHz	1	1
23.33	23.42	23.36	23.35	23.30	23.49	23.31	23.49	24			1	39
23.43	23.44	23.49	23.48	23.48	23.41	23.30	23.42	24			1	76
22.87	22.90	22.81	22.84	22.83	22.85	22.85	22.82	23.5			36	0
23.35	23.43	23.44	23.39	23.31	23.30	23.44	23.41	24			36	21
22.80	22.96	22.96	22.82	22.98	22.93	22.89	22.87	23.5			36	42
22.84	22.83	22.89	22.83	22.87	22.99	22.90	22.80	23.5			75	0
23.44	23.48	23.39	23.60	23.38	23.57	23.37	23.30	24	DFT-S QPSK	30 MHz	1	1
23.33	23.34	23.48	23.44	23.32	23.34	23.30	23.40	24			1	39
23.34	23.32	23.32	23.40	23.45	23.43	23.46	23.43	24			1	76
22.34	22.32	22.37	22.43	22.40	22.46	22.47	22.31	23			36	0
23.38	23.32	23.41	23.48	23.37	23.31	23.38	23.30	24			36	21
22.49	22.47	22.37	22.35	22.40	22.31	22.31	22.46	23			36	42
22.39	22.49	22.44	22.47	22.49	22.34	22.46	22.47	23			75	0
22.36	22.46	22.36	22.44	22.34	22.45	22.40	22.36	23	DFT-S 16QAM	128	0	
20.98	20.83	20.97	20.85	20.84	20.95	20.97	20.97	21.5	DFT-S 64QAM	1	1	
18.93	18.81	18.90	18.87	18.86	18.80	19.00	18.94	19.5	DFT-S 256QAM	1	1	
21.94	21.98	21.85	21.94	21.90	21.90	21.82	21.90	22.5	CP QPSK	1	1	

NR Band n77 Ant 7												
Maximum Average Power (dBm)								Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
630840	635648	640456	645264	650072	654880	659690	664500	Channel				
3462.6	3534.72	3606.84	3678.96	3751.08	3823.2	3895.35	3967.5	Frequency (MHz)				
23.42	23.37	23.49	23.30	23.34	23.33	23.44	23.40	24	DFT-S $\pi/2$ BPSK	25 MHz	1	1
23.35	23.37	23.49	23.38	23.47	23.35	23.34	23.33	24			1	33
23.50	23.44	23.50	23.33	23.42	23.38	23.48	23.39	24			1	63
22.88	22.96	22.88	22.89	22.96	22.93	22.90	22.82	23.5			32	0
23.48	23.41	23.47	23.41	23.42	23.50	23.35	23.42	24			32	17
22.96	22.90	22.91	23.00	22.83	22.88	22.86	22.91	23.5			32	33
22.80	22.84	22.95	22.87	22.87	22.97	22.93	22.93	23.5			64	0
23.32	23.52	23.59	23.57	23.59	23.37	23.42	23.48	24	DFT-S QPSK		1	1
23.37	23.49	23.50	23.47	23.41	23.36	23.34	23.50	24			1	33
23.39	23.45	23.40	23.35	23.40	23.39	23.50	23.49	24			1	63
22.49	22.41	22.47	22.47	22.30	22.44	22.31	22.36	23			32	0
23.32	23.50	23.42	23.41	23.40	23.45	23.30	23.40	24			32	17
22.37	22.35	22.49	22.43	22.47	22.48	22.36	22.48	23			32	33
22.32	22.38	22.40	22.30	22.39	22.38	22.30	22.42	23			64	0
22.44	22.36	22.32	22.39	22.31	22.42	22.39	22.47	23	DFT-S 16QAM	128	0	
20.98	20.80	20.95	20.96	20.94	20.99	20.91	20.87	21.5	DFT-S 64QAM	1	1	
18.93	18.98	18.90	18.91	19.00	18.92	18.94	18.95	19.5	DFT-S 256QAM	1	1	
21.98	21.96	21.90	21.97	21.90	21.98	21.88	21.82	22.5	CP QPSK	1	1	

NR Band n77 Ant 7												
Maximum Average Power (dBm)								Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
630666	635522	640378	645236	650094	654950	659808	664666	Channel				
3459.99	3532.83	3605.67	3678.54	3751.41	3824.25	3897.12	3969.99	Frequency (MHz)				
23.31	23.47	23.36	23.39	23.41	23.30	23.41	23.48	24	DFT-S $\pi/2$ BPSK	20 MHz	1	1
23.34	23.32	23.36	23.34	23.32	23.42	23.49	23.44	24			1	26
23.48	23.38	23.43	23.36	23.42	23.32	23.50	23.30	24			1	49
22.90	22.84	22.98	22.82	22.98	22.89	22.82	22.95	23.5			25	0
23.44	23.39	23.47	23.46	23.50	23.36	23.43	23.40	24			25	13
22.83	22.90	22.95	22.88	22.86	22.98	22.98	22.81	23.5			25	26
22.97	22.87	22.89	22.90	22.81	22.84	22.85	22.82	23.5			50	0
23.50	23.51	23.50	23.39	23.53	23.43	23.57	23.31	24	DFT-S QPSK		1	1
23.36	23.44	23.49	23.30	23.32	23.49	23.32	23.30	24			1	26
23.31	23.46	23.44	23.47	23.43	23.34	23.30	23.37	24			1	49
22.33	22.43	22.39	22.39	22.40	22.32	22.48	22.34	23			25	0
23.37	23.46	23.35	23.49	23.30	23.37	23.46	23.40	24			25	13
22.49	22.32	22.44	22.50	22.33	22.31	22.38	22.36	23			25	26
22.38	22.35	22.48	22.41	22.47	22.48	22.45	22.40	23			50	0
22.44	22.42	22.45	22.30	22.34	22.38	22.37	22.50	23	DFT-S 16QAM	128	0	
20.86	20.95	20.97	20.81	20.99	20.98	20.82	20.83	21.5	DFT-S 64QAM	1	1	
18.81	18.83	18.88	18.94	18.90	18.89	18.93	18.99	19.5	DFT-S 256QAM	1	1	
21.92	21.82	21.95	21.90	21.96	21.83	21.95	21.80	22.5	CP QPSK	1	1	

NR Band n77 Ant 7												
Maximum Average Power (dBm)								Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
630500	635404	640308	645212	650118	655022	659926	664833	Channel				
3457.5	3531.06	3604.62	3678.18	3751.77	3825.33	3898.89	3972.5	Frequency (MHz)				
23.31	23.33	23.46	23.43	23.46	23.41	23.50	23.32	24	DFT-S $\pi/2$ BPSK	15 MHz	1	1
23.42	23.49	23.50	23.32	23.45	23.35	23.30	23.38	24			1	19
23.48	23.30	23.45	23.49	23.48	23.41	23.47	23.50	24			1	36
22.89	22.82	22.99	22.92	22.92	22.80	22.85	22.80	23.5			18	0
23.38	23.36	23.36	23.47	23.47	23.30	23.32	23.41	24			18	10
22.82	22.92	22.93	22.95	22.98	22.89	22.93	22.94	23.5			18	20
22.97	22.93	22.89	22.83	22.83	22.84	22.88	22.90	23.5			36	0
23.32	23.34	23.53	23.45	23.58	23.45	23.58	23.58	24	DFT-S QPSK	15 MHz	1	1
23.40	23.50	23.46	23.30	23.48	23.49	23.42	23.31	24			1	19
23.42	23.41	23.34	23.42	23.41	23.38	23.47	23.30	24			1	36
22.47	22.34	22.48	22.42	22.40	22.41	22.45	22.49	23			18	0
23.47	23.49	23.48	23.40	23.35	23.48	23.47	23.36	24			18	10
22.32	22.38	22.42	22.43	22.45	22.33	22.45	22.35	23			18	20
22.31	22.35	22.46	22.39	22.32	22.41	22.47	22.37	23			36	0
22.36	22.47	22.47	22.39	22.39	22.33	22.41	22.50	23	DFT-S 16QAM	128	0	
20.96	20.91	20.99	20.98	20.99	20.98	20.96	20.92	21.5	DFT-S 64QAM	1	1	
18.83	18.80	18.94	18.98	18.95	18.94	18.98	18.95	19.5	DFT-S 256QAM	1	1	
21.82	21.85	21.80	21.98	21.93	21.93	21.81	21.85	22.5	CP QPSK	1	1	

NR Band n77 Ant 7												
Maximum Average Power (dBm)								Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
630333	635286	640238	645190	650142	655094	660046	665000	Channel				
3454.99	3529.29	3603.57	3677.85	3752.13	3826.41	3900.69	3975	Frequency (MHz)				
23.35	23.38	23.47	23.42	23.48	23.39	23.37	23.34	24	DFT-S $\pi/2$ BPSK	10 MHz	1	1
23.30	23.36	23.43	23.45	23.38	23.49	23.44	23.42	24			1	11
23.43	23.47	23.33	23.40	23.49	23.35	23.31	23.36	24			1	22
22.80	23.00	22.97	22.97	22.95	22.95	22.92	22.94	23.5			12	0
23.37	23.49	23.31	23.41	23.31	23.42	23.36	23.45	24			12	6
22.87	22.98	22.85	23.00	22.98	22.91	22.82	22.84	23.5			12	12
22.90	22.88	22.87	22.90	22.98	22.82	22.82	22.82	23.5			24	0
23.38	23.45	23.36	23.38	23.46	23.37	23.58	23.50	24	DFT-S QPSK	10 MHz	1	1
23.34	23.41	23.43	23.34	23.35	23.50	23.40	23.37	24			1	11
23.41	23.49	23.42	23.48	23.36	23.36	23.49	23.42	24			1	22
22.36	22.30	22.31	22.31	22.41	22.30	22.31	22.30	23			12	0
23.38	23.47	23.32	23.30	23.37	23.45	23.33	23.35	24			12	6
22.33	22.42	22.46	22.37	22.39	22.39	22.45	22.50	23			12	12
22.30	22.39	22.37	22.40	22.48	22.43	22.46	22.30	23			24	0
22.30	22.38	22.40	22.44	22.38	22.41	22.39	22.47	23	DFT-S 16QAM	128	0	
20.94	20.88	20.89	20.91	20.84	20.95	21.00	21.00	21.5	DFT-S 64QAM	1	1	
18.83	18.86	18.90	18.87	18.84	18.92	18.97	18.89	19.5	DFT-S 256QAM	1	1	
21.84	21.84	21.88	22.00	21.97	21.92	21.95	21.90	22.5	CP QPSK	1	1	

NR Band n41 MIMO (Ant 1 + 3)																			
Maximum Average Power (dBm)															Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
509202			513900			518598			523302			528000							
2546.01			2569.5			2592.99			2616.51			2640			Frequency (MHz)				
Ant 1	Ant 3	Total	Ant 1	Ant 3	Total	Ant 1	Ant 3	Total	Ant 1	Ant 3	Total	Ant 1	Ant 3	Total	Tx Chain				
15.06	15	18.04	15.03	15.03	18.04	15.07	15.04	18.07	15.08	15.1	18.1	15.1	15.01	18.07	18.5	DFT-S π/2 BPSK	100 MHz	1	1
14.5	14.56	17.54	14.58	14.51	17.56	14.6	14.6	17.61	14.53	14.54	17.55	14.52	14.56	17.55	18.5	DFT-S π/2 BPSK	100 MHz	1	137
14.56	14.5	17.54	14.53	14.57	17.56	14.52	14.5	17.52	14.56	14.52	17.55	14.58	14.6	17.6	18.5	DFT-S π/2 BPSK	100 MHz	1	271
14.02	14.09	17.07	14.08	14.03	17.07	14.04	14.02	17.04	14.01	14.06	17.05	14.03	14.09	17.07	18.0	DFT-S π/2 BPSK	100 MHz	135	0
14.53	14.56	17.56	14.55	14.51	17.54	14.55	14.5	17.54	14.59	14.55	17.58	14.56	14.57	17.58	18.5	DFT-S π/2 BPSK	100 MHz	135	69
14.02	14.07	17.06	14.09	14.06	17.09	14.06	14.05	17.07	14.02	14	17.02	14.1	14.07	17.1	18.0	DFT-S π/2 BPSK	100 MHz	135	138
14.05	14	17.04	14.04	14	17.03	14.08	14.03	17.07	14.09	14.07	17.09	14.07	14	17.05	18.0	DFT-S π/2 BPSK	100 MHz	270	0
15.28	15.24	18.27	15.26	15.24	18.26	15.26	15.27	18.28	15.26	15.24	18.26	15.26	15.27	18.28	18.5	DFT-S QPSK	100 MHz	1	1
14.59	14.52	17.57	14.58	14.57	17.59	14.55	14.52	17.55	14.53	14.55	17.55	14.58	14.57	17.59	18.5	DFT-S QPSK	100 MHz	1	137
14.6	14.57	17.6	14.51	14.57	17.55	14.56	14.57	17.58	14.58	14.59	17.6	14.56	14.59	17.59	18.5	DFT-S QPSK	100 MHz	1	271
13.51	13.51	16.52	13.58	13.5	16.55	13.52	13.52	16.53	13.55	13.55	16.56	13.52	13.54	16.54	17.5	DFT-S QPSK	100 MHz	135	0
14.55	14.52	17.55	14.57	14.57	17.58	14.53	14.55	17.55	14.56	14.58	17.58	14.52	14.52	17.53	18.5	DFT-S QPSK	100 MHz	135	69
13.55	13.5	16.54	13.58	13.6	16.6	13.53	13.52	16.54	13.57	13.52	16.56	13.59	13.59	16.6	17.5	DFT-S QPSK	100 MHz	135	138
13.57	13.54	16.57	13.51	13.57	16.55	13.51	13.57	16.55	13.55	13.6	16.59	13.51	13.5	16.52	17.5	DFT-S QPSK	100 MHz	270	0
14.1	14.03	17.08	14.06	14.02	17.05	14.09	14.03	17.07	14.07	14.05	17.07	14.02	14.04	17.04	17.5	DFT-S 16QAM	100 MHz	1	1
12.57	12.59	15.59	12.56	12.59	15.59	12.6	12.56	15.59	12.59	12.52	15.57	12.51	12.56	15.55	16.0	DFT-S 64QAM	100 MHz	1	1
10.5	10.5	13.51	10.55	10.53	13.55	10.5	10.6	13.56	10.52	10.53	13.54	10.59	10.6	13.61	14.0	DFT-S 256QAM	100 MHz	1	1
13.51	13.6	16.57	13.51	13.5	16.52	13.52	13.5	16.52	13.5	13.58	16.55	13.58	13.59	16.6	17.0	CP QPSK	100 MHz	1	1

NR Band n48 MIMO (Ant 4 * 7)												Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
Maximum Average Power (dBm)																
Channel												40 MHz				
Frequency (MHz)																
638000			640444			642888			645332			Tx Chain				
3570			3606.66			3643.32			3679.98							
Ant 4	Ant 7	Total	Ant 4	Ant 7	Total	Ant 4	Ant 7	Total	Ant 4	Ant 7	Total					
14.36	14.54	17.56	14.59	14.52	17.57	14.51	14.54	17.54	14.55	14.56	17.58	18.0	DFT-S m/2 BPSK	1	1	
14.53	14.51	17.53	14.52	14.5	17.52	14.6	14.55	17.59	14.5	14.52	17.52	18.0	DFT-S m/2 BPSK	1	53	
14.08	14.02	17.06	14	14.03	17.03	14.09	14	17.06	14.09	14.03	17.07	18.0	DFT-S m/2 BPSK	1	104	
13.69	13.63	16.67	13.63	13.65	16.65	13.66	13.61	16.65	13.6	13.64	16.63	17.5	DFT-S m/2 BPSK	50	0	
14.25	14.21	17.24	14.28	14.28	17.29	14.21	14.26	17.25	14.26	14.23	17.26	18.0	DFT-S m/2 BPSK	50	28	
13.7	13.65	16.69	13.6	13.7	16.66	13.62	13.69	16.67	13.64	13.62	16.64	17.5	DFT-S m/2 BPSK	50	56	
13.61	13.63	16.63	13.67	13.69	16.69	13.64	13.69	16.66	13.63	13.69	16.67	17.5	DFT-S m/2 BPSK	100	0	
14.73	14.76	17.76	14.77	14.75	17.77	14.75	14.71	17.74	14.78	14.73	17.77	18.0	DFT-S QPSK	1	1	
14.45	14.44	17.46	14.41	14.41	17.42	14.43	14.5	17.48	14.4	14.42	17.42	18.0	DFT-S QPSK	1	53	
14.14	14.14	17.15	14.19	14.17	17.19	14.12	14.2	17.17	14.11	14.12	17.13	18.0	DFT-S QPSK	1	104	
13.75	13.7	16.74	13.79	13.79	16.8	13.77	13.75	16.77	13.75	13.73	16.75	17.0	DFT-S QPSK	50	0	
14.22	14.26	17.25	14.26	14.28	17.28	14.28	14.21	17.26	14.26	14.23	17.26	18.0	DFT-S QPSK	50	28	
13.63	13.62	16.64	13.62	13.66	16.65	13.63	13.66	16.66	13.66	13.61	16.65	17.0	DFT-S QPSK	50	56	
13.54	13.57	16.57	13.5	13.53	16.53	13.51	13.6	16.57	13.56	13.5	16.54	17.0	DFT-S QPSK	100	0	
13.6	13.51	16.57	13.57	13.5	16.55	13.59	13.55	16.58	13.54	13.55	16.56	17.0	DFT-S 16QAM	1	1	
12.44	12.48	15.47	12.41	12.5	15.47	12.48	12.41	15.46	12.48	12.4	15.45	15.5	DFT-S 64QAM	1	1	
10.4	10.43	13.43	10.48	10.48	13.49	10.42	10.4	13.42	10.47	10.48	13.49	13.5	DFT-S 256QAM	1	1	
13.4	13.5	16.46	13.43	13.42	16.44	13.42	13.4	16.42	13.47	13.48	16.49	16.5	CP QPSK	1	1	

NR Band n78 MIMO (Ant 4 * 7)																				Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
Maximum Average Power (dBm)																								
Channel																				100 MHz	DFT-S n/2 BPSK	18.0	1	1
Frequency (MHz)																								
Tx Chain																				1	137	1	271	
633334	637430	641524			645619			649714			653810			657904			662000							Ant 4
3500.01	3551.45	3622.86			3684.3			3745.71			3807.15			3868.56			3930			Ant 4	Ant 7	Total		
Ant 4	Ant 7	Total	Ant 4	Ant 7	Total	Ant 4	Ant 7	Total	Ant 4	Ant 7	Total	Ant 4	Ant 7	Total	Ant 4	Ant 7	Total	Ant 4	Ant 7	Total	Ant 4	Ant 7	Total	
13.9	13.99	16.96	14	13.91	16.97	13.92	13.94	16.94	14	13.91	16.97	13.96	14	16.99	13.91	13.95	16.94	13.96	14	16.99	13.97	13.96	16.96	18.0
13.96	13.96	16.98	13.94	13.93	16.95	13.96	13.99	16.99	14	13.96	16.99	13.92	13.91	16.93	13.9	13.98	16.95	14	13.99	17.01	13.98	13.95	16.98	18.0
13.94	13.96	16.96	14	14	17.01	13.96	14	16.99	13.91	13.96	16.95	13.96	13.98	16.98	13.95	13.98	16.98	13.97	13.98	16.99	13.9	13.9	16.91	18.0
13.57	13.57	16.58	13.52	13.52	16.53	13.58	13.53	16.57	13.56	13.5	16.54	13.5	13.56	16.54	13.54	13.6	16.58	13.53	13.55	16.55	13.53	13.57	16.56	17.5
14.05	14.07	17.07	14.03	14.08	17.07	14.08	14.03	17.06	14	14.01	17.02	14.01	14.03	17.03	14.04	14.1	17.08	14.02	14.1	17.07	14.09	14.09	17.1	18.0
13.6	13.54	16.58	13.55	13.53	16.55	13.6	13.6	16.61	13.55	13.51	16.54	13.6	13.6	16.61	13.56	13.5	16.54	13.59	13.54	16.58	13.58	13.59	16.6	17.5
13.55	13.58	16.58	13.52	13.6	16.57	13.6	13.6	16.61	13.54	13.56	16.55	13.6	13.58	16.6	13.56	13.55	16.57	13.6	13.58	16.6	13.56	13.54	16.56	17.5
14.44	14.46	17.46	14.41	14.44	17.44	14.43	14.49	17.47	14.49	14.41	17.46	14.47	14.45	17.47	14.41	14.47	17.45	14.44	14.49	17.48	14.48	14.44	17.47	18.0
14.38	14.44	17.42	14.35	14.39	17.38	14.36	14.38	17.38	14.4	14.43	17.43	14.44	14.41	17.44	14.37	14.45	17.42	14.43	14.39	17.42	14.42	14.45	17.45	18.0
13.66	13.63	16.66	13.64	13.63	16.65	13.69	13.63	16.67	13.63	13.67	16.66	13.61	13.7	16.67	13.7	13.67	16.7	13.63	13.61	16.63	13.7	13.61	16.67	18.0
13.17	13.16	16.18	13.17	13.18	16.19	13.16	13.11	16.15	13.2	13.1	16.16	13.15	13.17	16.17	13.1	13.2	16.16	13.12	13.16	16.15	13.12	13.17	16.16	17.0
13.91	13.91	16.92	13.96	13.98	16.98	13.95	13.96	16.97	13.96	14	16.99	14	13.99	17.01	13.99	13.91	16.96	13.92	14	16.97	13.91	13.94	16.94	18.0
13.13	13.12	16.14	13.17	13.1	16.15	13.13	13.16	16.16	13.12	13.19	16.17	13.12	13.18	16.16	13.17	13.14	16.17	13.2	13.17	16.2	13.12	13.12	16.13	17.0
13.1	13.15	16.14	13.11	13.18	16.16	13.18	13.13	16.17	13.17	13.2	16.2	13.16	13.1	16.14	13.19	13.1	16.16	13.1	13.12	16.12	13.2	13.14	16.18	17.0
13.46	13.47	16.48	13.47	13.44	16.47	13.45	13.46	16.47	13.42	13.48	16.46	13.49	13.41	16.46	13.44	13.46	16.46	13.5	13.45	16.49	13.45	13.45	16.46	17.0
12.34	12.39	15.38	12.36	12.35	15.37	12.35	12.35	15.36	12.35	12.37	15.37	12.34	12.38	15.37	12.33	12.34	15.35	12.35	12.37	15.37	12.32	12.31	15.33	15.5
10.44	10.48	13.47	10.46	10.44	13.46	10.48	10.46	13.48	10.4	10.43	13.43	10.49	10.48	13.5	10.44	10.47	13.47	10.46	10.43	13.46	10.42	10.5	13.47	13.5
13.4	13.4	16.41	13.45	13.49	16.48	13.46	13.43	16.46	13.42	13.46	16.45	13.43	13.46	16.46	13.45	13.49	16.48	13.45	13.4	16.44	13.5	13.48	16.5	16.5