

NR Band n41 MIMO (Ant 1 + 3)															Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
Maximum Average Power (dBm)																			
509202			513900			518598			523302			528000			Channel				
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				
20.52	20.51	23.53	20.44	20.49	23.48	20.52	20.51	23.53	20.43	20.41	23.43	20.52	20.56	23.55	24.0	DFT-S π/2 BPSK	100 MHz	1	1
20.15	20.18	23.18	20.11	20.09	23.11	20.17	20.14	23.17	20.11	20.12	23.13	20.14	20.11	23.14	24.0	DFT-S π/2 BPSK	100 MHz	1	137
20.03	20.02	23.04	20.01	19.98	23.01	20.03	20.02	23.04	20.02	19.98	23.01	20.03	20.01	23.03	24.0	DFT-S π/2 BPSK	100 MHz	1	271
19.47	19.51	22.5	19.44	19.52	22.49	19.56	19.5	22.54	19.51	19.48	22.51	19.46	19.52	22.5	23.5	DFT-S π/2 BPSK	100 MHz	135	0
20.35	20.34	23.36	20.33	20.28	23.32	20.24	20.22	23.24	20.25	20.26	23.27	20.24	20.23	23.25	24.0	DFT-S π/2 BPSK	100 MHz	135	69
19.52	19.5	22.52	19.49	19.53	22.52	19.46	19.55	22.52	19.52	19.46	22.5	19.51	19.48	22.51	23.5	DFT-S π/2 BPSK	100 MHz	135	138
19.51	19.48	22.51	19.43	19.44	22.45	19.58	19.53	22.57	19.47	19.42	22.46	19.47	19.54	22.52	23.5	DFT-S π/2 BPSK	100 MHz	270	0
20.81	20.62	23.73	20.79	20.56	23.69	20.72	20.73	23.74	20.81	20.59	23.71	20.75	20.74	23.76	24.0	DFT-S QPSK	100 MHz	1	1
20.18	20.15	23.18	20.13	20.08	23.12	20.13	20.15	23.15	20.17	20.08	23.14	20.12	20.18	23.16	24.0	DFT-S QPSK	100 MHz	1	137
20.11	20.13	23.13	20.07	20.06	23.08	20.12	20.11	23.13	20.1	20.03	23.08	20.14	20.13	23.15	24.0	DFT-S QPSK	100 MHz	1	271
19.04	19.06	22.06	19.03	18.99	22.02	19.07	19.05	22.07	19.04	19.01	22.04	19.06	19.02	22.05	23.0	DFT-S QPSK	100 MHz	135	0
20.24	20.22	23.24	20.18	20.21	23.21	20.24	20.23	23.25	20.22	20.21	23.23	20.21	20.26	23.25	24.0	DFT-S QPSK	100 MHz	135	69
19.07	19.01	22.05	19.06	18.98	22.03	19.02	19.04	22.04	19.03	19.07	22.06	19.08	19.04	22.07	23.0	DFT-S QPSK	100 MHz	135	138
19.05	19.03	22.05	19.04	19.01	22.04	19.05	19.07	22.07	18.98	18.93	21.97	19.02	18.99	22.02	23.0	DFT-S QPSK	100 MHz	270	0
19.53	19.54	22.55	19.48	19.51	22.51	19.51	19.52	22.53	19.48	19.47	22.49	19.54	19.52	22.54	23.0	DFT-S 16QAM	100 MHz	1	1
18.03	18.06	21.06	17.97	17.98	20.99	18.07	18.02	21.06	17.97	18.02	21.01	18.04	18.07	21.07	21.5	DFT-S 64QAM	100 MHz	1	1
16.02	16.04	19.04	15.92	15.95	18.95	16.05	16.04	19.06	16.01	16.06	19.05	16.06	16.01	19.05	19.5	DFT-S 256QAM	100 MHz	1	1
19.08	19.04	22.07	18.99	18.95	21.98	19.09	19.04	22.08	19.04	19.03	22.05	19.04	19.09	22.08	22.5	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)																	
638000			640444			642888			645332			Channel					
3570			3606.66			3643.32			3679.98			Frequency (MHz)					
Ant 4	Ant 7	Total	Ant 4	Ant 7	Total	Ant 4	Ant 7	Total	Ant 4	Ant 7	Total	Tx Chain					
20.51	20.54	23.54	20.55	20.51	23.54	20.55	20.5	23.54	20.55	20.52	23.55	24.0	DFT-S m/2 BPSK	1	1		
20.51	20.52	23.53	20.51	20.5	23.52	20.53	20.5	23.53	20.53	20.51	23.53	24.0	DFT-S m/2 BPSK	1	53		
20.02	20.05	23.05	20.02	20.04	23.04	20.02	19.98	23.01	20.05	20.01	23.04	24.0	DFT-S m/2 BPSK	1	104		
19.69	19.7	22.71	19.68	19.69	22.7	19.65	19.7	22.69	19.68	19.69	22.7	23.5	DFT-S m/2 BPSK	50	0		
20.24	20.23	23.25	20.22	20.21	23.23	20.17	20.24	23.22	20.21	20.23	23.23	24.0	DFT-S m/2 BPSK	50	28		
19.66	19.65	22.67	19.62	19.62	22.63	19.62	19.64	22.64	19.66	19.66	22.67	23.5	DFT-S m/2 BPSK	50	56		
19.6	19.59	22.61	19.64	19.59	22.63	19.63	19.64	22.65	19.64	19.63	22.65	23.5	DFT-S m/2 BPSK	100	0		
20.72	20.71	23.73	20.75	20.7	23.74	20.71	20.71	23.72	20.73	20.71	23.73	24.0	DFT-S QPSK	1	1		
20.49	20.43	23.47	20.49	20.46	23.49	20.46	20.42	23.45	20.48	20.46	23.48	24.0	DFT-S QPSK	1	53		
20.13	20.14	23.15	20.11	20.14	23.14	20.09	20.13	23.12	20.11	20.15	23.14	24.0	DFT-S QPSK	1	104		
19.8	19.76	22.79	19.79	19.76	22.79	19.77	19.76	22.78	19.8	19.76	22.79	23.0	DFT-S QPSK	50	0		
20.21	20.23	23.23	20.24	20.23	23.25	20.22	20.19	23.22	20.22	20.21	23.23	24.0	DFT-S QPSK	50	28		
19.62	19.59	22.62	19.65	19.63	22.65	19.67	19.61	22.65	19.66	19.63	22.66	23.0	DFT-S QPSK	50	56		
19.59	19.58	22.6	19.6	19.57	22.6	19.56	19.54	22.56	19.59	19.58	22.6	23.0	DFT-S QPSK	100	0		
19.54	19.52	22.54	19.55	19.51	22.54	19.53	19.57	22.56	19.52	19.56	22.55	23.0	DFT-S 16QAM	1	1		
18.46	18.49	21.49	18.46	18.43	21.46	18.5	18.42	21.47	18.49	18.46	21.49	21.5	DFT-S 64QAM	1	1		
16.44	16.46	19.46	16.49	16.41	19.46	16.46	16.44	19.46	16.48	16.45	19.48	19.5	DFT-S 256QAM	1	1		
19.47	19.49	22.49	19.48	19.47	22.49	19.44	19.48	22.47	19.44	19.47	22.47	22.5	CP QPSK	1	1		

NR Band n77 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	24.0	1	1
Frequency (MHz)																												
Tx Chain																												
3500.01																												
3500.01																												
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					
20.6	20.56	23.59	20.58	20.68	23.64	20.64	20.68	23.67	20.66	20.6	23.64	20.62	20.61	23.63	20.61	20.66	23.66	20.65	20.69	23.68	20.65	20.63	23.65					
20.57	20.48	23.54	20.58	20.48	23.64	20.6	20.66	23.59	20.56	20.52	23.55	20.57	20.53	23.56	20.54	20.54	23.55	20.59	20.55	23.58	20.58	20.56	23.58					
20.47	20.5	23.5	20.48	20.51	23.51	20.51	20.56	23.55	20.51	20.52	23.53	20.5	20.54	23.53	20.5	20.54	23.53	20.52	20.55	23.55	20.52	20.51	23.53					
20.26	20.22	23.25	20.26	20.25	23.27	20.27	20.35	23.32	20.25	20.23	23.25	20.3	20.23	23.28	20.29	20.31	23.31	20.31	20.34	23.34	20.29	20.26	23.29					
20.53	20.54	23.55	20.53	20.57	23.56	20.52	20.54	23.54	20.52	20.48	23.51	20.54	20.53	23.55	20.51	20.59	23.56	20.56	20.58	23.58	20.55	20.52	23.55					
20.25	20.16	23.22	20.27	20.16	23.23	20.24	20.21	23.24	20.25	20.22	23.25	20.25	20.18	23.23	20.22	20.19	23.22	20.26	20.2	23.24	20.25	20.22	23.25					
20.21	20.11	23.17	20.22	20.17	23.21	20.22	20.19	23.22	20.25	20.19	23.23	20.21	20.15	23.19	20.21	20.18	23.21	20.25	20.21	23.24	20.24	20.2	23.23					
20.7	20.68	23.7	20.71	20.62	23.68	20.72	20.64	23.66	20.71	20.69	23.71	20.67	20.67	23.68	20.71	20.67	23.7	20.71	20.66	23.7	20.76	20.73	23.76					
20.64	20.61	23.64	20.58	20.66	23.63	20.65	20.6	23.64	20.7	20.66	23.69	20.64	20.64	23.65	20.61	20.61	23.62	20.66	20.65	23.67	20.69	20.69	23.7					
20.33	20.27	23.31	20.32	20.31	23.33	20.35	20.31	23.34	20.35	20.3	23.34	20.34	20.31	23.34	20.35	20.3	23.34	20.35	20.31	23.34	20.35	20.31	23.34					
19.61	19.57	22.6	19.59	19.58	22.6	19.62	19.6	22.62	19.63	19.58	22.62	19.66	19.62	22.65	19.62	19.57	22.61	19.62	19.61	22.63	19.66	19.62	22.65					
20.41	20.38	23.41	20.38	20.36	23.38	20.41	20.38	23.41	20.41	20.38	23.41	20.4	20.43	23.43	20.45	20.41	23.44	20.44	20.41	23.44	20.46	20.4	23.44					
19.84	19.89	22.88	19.91	19.87	22.9	19.89	19.89	22.9	19.93	19.96	22.96	19.89	19.92	22.92	19.9	19.88	22.9	19.91	19.92	22.93	19.94	19.95	22.96					
19.91	19.91	22.92	19.85	19.8	22.84	19.89	19.91	22.91	19.93	19.93	22.94	19.9	19.94	22.93	19.91	19.85	22.89	19.9	19.9	22.91	19.94	19.94	22.95					
19.77	19.84	22.82	19.82	19.77	22.81	19.83	19.8	22.83	19.83	19.82	22.84	19.82	19.82	22.84	19.8	19.78	22.8	19.82	19.81	22.83	19.82	19.83	22.84					
18.42	18.48	21.46	18.41	18.41	21.42	18.44	18.45	21.46	18.49	18.45	21.48	18.46	18.48	21.48	18.42	18.44	21.44	18.47	18.48	21.49	18.48	18.46	21.48					
16.53	16.4	19.48	16.44	16.37	19.42	16.48	16.42	19.46	16.48	16.44	19.47	16.52	16.44	19.49	16.46	16.43	19.46	16.48	16.46	19.48	16.48	16.48	19.49					
19.38	19.53	22.47	19.42	19.46	22.45	19.46	19.48	22.48	19.4	19.48	22.45	19.38	19.54	22.47	19.46	19.44	22.46	19.45	19.53	22.5	19.44	19.49	22.48					

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	1	1					
Frequency (MHz)																												
Tx Chain																				1	137	1	271					
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				
3500.01			3561.45			3622.86			3684.3			3745.71			3807.15			3868.56			3930							
20.97	20.94	23.97	20.93	20.91	23.93	20.91	20.94	23.94	20.95	20.92	23.95	20.94	20.93	23.95	20.93	20.94	23.95	20.97	20.9	23.95	20.92	20.92	23.93	25.0	DFT-S n/2 BPSK	1	1	
20.99	20.86	23.9	20.94	20.91	23.94	20.94	20.91	23.94	20.94	20.93	23.95	20.92	20.91	23.93	20.93	20.9	23.94	20.99	20.95	20.9	23.94	20.89	20.93	23.92	25.0	DFT-S n/2 BPSK	1	137
20.99	20.91	23.96	20.95	20.92	23.95	20.98	20.89	23.95	20.95	20.91	23.94	20.97	20.92	23.96	20.98	20.94	23.97	20.98	20.89	20.95	20.94	20.92	23.94	25.0	DFT-S n/2 BPSK	1	271	
20.56	20.47	23.53	20.52	20.51	23.53	20.57	20.49	23.54	20.53	20.49	23.52	20.54	20.49	23.53	20.55	20.52	23.55	20.53	20.49	23.52	20.52	20.5	23.52	24.5	DFT-S n/2 BPSK	135	0	
21.04	21.01	24.04	21.06	21.02	24.05	21.02	21.01	24.03	21.01	21.04	24.04	21.04	21.02	24.04	21.04	20.99	24.03	21.03	21.03	24.04	21.04	21.01	24.04	25.0	DFT-S n/2 BPSK	135	69	
20.51	20.46	23.5	20.49	20.52	23.52	20.51	20.51	23.52	20.53	20.47	23.51	20.51	20.49	23.51	20.51	20.49	23.51	20.5	20.51	23.52	20.49	20.52	23.52	24.5	DFT-S n/2 BPSK	135	138	
20.48	20.48	23.49	20.52	20.47	23.51	20.5	20.45	23.49	20.51	20.5	23.52	20.51	20.48	23.51	20.53	20.45	23.5	20.51	20.45	23.49	20.48	20.5	23.5	24.5	DFT-S n/2 BPSK	270	0	
21.43	21.33	24.36	21.4	21.33	24.36	21.38	21.3	24.35	21.41	21.34	24.39	21.41	21.32	24.36	21.41	21.31	24.37	21.37	21.36	24.38	21.42	21.34	24.38	25.0	DFT-S QPSK	1	1	
21.36	21.36	24.37	21.35	21.34	24.36	21.36	21.3	24.34	21.37	21.34	24.37	21.38	21.34	24.37	21.38	21.32	24.36	21.37	21.34	24.37	21.41	21.31	24.37	25.0	DFT-S QPSK	1	137	
20.65	20.65	23.66	20.63	20.61	23.63	20.63	20.6	23.63	20.68	20.6	23.65	20.64	20.63	23.65	20.66	20.62	23.65	20.62	20.65	23.65	20.66	20.66	23.67	25.0	DFT-S QPSK	1	271	
20.17	20.07	23.13	20.12	20.12	23.13	20.15	20.08	23.13	20.14	20.08	23.12	20.14	20.09	23.13	20.15	20.08	23.13	20.17	20.12	23.16	20.16	20.12	23.15	24.0	DFT-S QPSK	135	0	
20.97	20.92	23.96	20.95	20.94	23.96	20.97	20.9	23.95	20.98	20.93	23.97	20.96	20.93	23.96	20.93	20.91	23.93	20.95	20.9	23.94	20.94	20.91	23.94	25.0	DFT-S QPSK	135	69	
20.13	20.11	23.13	20.08	20.08	23.09	20.13	20.11	23.13	20.09	20.07	23.09	20.11	20.09	23.11	20.12	20.07	23.11	20.11	20.06	23.1	20.12	20.06	23.11	24.0	DFT-S QPSK	135	138	
20.11	20.04	23.09	20.08	20.1	23.1	20.1	20.05	23.09	20.12	20.07	23.11	20.11	20.07	23.1	20.13	20.08	23.12	20.09	20.07	23.09	20.11	20.06	23.1	24.0	DFT-S QPSK	270	0	
20.41	20.43	23.43	20.39	20.41	23.41	20.41	20.39	23.41	20.38	20.43	23.42	20.41	20.42	23.43	20.43	20.45	23.45	20.43	20.44	23.45	20.38	20.45	23.43	24.0	DFT-S 16QAM	1	1	
19.39	19.32	22.37	19.37	19.36	22.38	19.33	19.3	22.33	19.38	19.36	22.38	19.36	19.33	22.36	19.33	19.31	22.33	19.33	19.36	22.36	19.38	19.36	22.38	22.5	DFT-S 64QAM	1	1	
17.42	17.4	20.42	17.46	17.46	20.47	17.42	17.42	20.43	17.42	17.41	20.43	17.45	17.43	20.45	17.43	17.41	20.43	17.48	17.46	20.48	17.45	17.45	20.46	20.5	DFT-S 256QAM	1	1	
20.38	20.47	23.44	20.35	20.46	23.42	20.32	20.46	23.4	20.37	20.47	23.43	20.35	20.44	23.41	20.32	20.44	23.39	20.38	20.45	23.43	20.37	20.42	23.41	23.5	QP QPSK	1	1	

<Body Mode Conducted Power DSI-1>

LTE Band 2 Ant 0							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
18700	18900	19100	Channel				
1860	1880	1900	Frequency (MHz)				
20.34	20.42	20.40	20.5	QPSK	20 MHz	1	0
20.29	20.31	20.23	20.5			1	49
20.32	20.22	20.23	20.5			1	99
19.42	19.48	19.43	19.5			50	0
19.38	19.41	19.39	19.5			50	25
19.33	19.36	19.29	19.5			50	50
19.31	19.32	19.05	19.5			100	0
19.03	19.11	19.09	19.5	16QAM		1	0
19.46	19.04	19.46	19.5			1	49
19.47	19.48	19.40	19.5			1	99
18.36	18.44	18.49	18.5			50	0
18.40	18.40	18.42	18.5			50	25
18.40	18.37	18.32	18.5			50	50
18.27	18.29	18.30	18.5			100	0
18.24	18.35	18.36	18.5	64QAM		1	0
18.22	18.23	18.25	18.5			1	49
18.21	18.23	18.20	18.5			1	99
17.41	17.49	17.47	17.5			50	0
17.44	17.44	17.48	17.5			50	25
17.43	17.49	17.47	17.5			50	50
17.14	17.17	17.19	17.5			100	0
15.32	15.21	15.42	15.5	256QAM		1	0
15.20	15.49	15.43	15.5			1	49
15.44	15.49	15.42	15.5			1	99
15.26	15.28	15.47	15.5			50	0
15.37	15.31	15.40	15.5			50	25
15.46	15.35	15.46	15.5			50	50
15.40	15.35	15.44	15.5			100	0

LTE Band 2 Ant 0							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
18675	18900	19125	Channel				
1857.5	1880	1902.5	Frequency (MHz)				
20.34	20.32	20.40	20.5	QPSK	15 MHz	1	0
20.28	20.21	20.15	20.5			1	37
20.25	20.22	20.13	20.5			1	74
19.37	19.40	19.37	19.5			36	0
19.33	19.41	19.30	19.5			36	19
19.24	19.27	19.20	19.5			36	39
19.28	19.27	18.95	19.5			75	0
18.95	19.04	19.08	19.5	16QAM		1	0
19.44	18.97	19.39	19.5			1	37
19.41	19.48	19.34	19.5			1	74
18.36	18.42	18.41	18.5			36	0
18.36	18.34	18.36	18.5			36	19
18.30	18.27	18.26	18.5			36	39
18.24	18.19	18.22	18.5			75	0
18.23	18.31	18.27	18.5	64QAM		1	0
18.16	18.21	18.23	18.5			1	37
18.21	18.15	18.16	18.5			1	74
17.37	17.40	17.41	17.5			36	0
17.41	17.38	17.39	17.5			36	19
17.33	17.49	17.37	17.5			36	39
17.11	17.16	17.13	17.5			75	0
15.27	15.14	15.41	15.5	256QAM		1	0
15.13	15.47	15.38	15.5			1	37
15.41	15.39	15.34	15.5			1	74
15.26	15.24	15.07	15.5			36	0
15.28	15.22	15.05	15.5			36	19
15.45	15.25	15.29	15.5			36	39
15.30	15.27	15.22	15.5			75	0

LTE Band 2 Ant 0							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
18650	18900	19150	Channel				
1855	1880	1905	Frequency (MHz)				
20.27	20.35	20.40	20.5	QPSK	10 MHz	1	0
20.20	20.27	20.21	20.5			1	24
20.31	20.16	20.23	20.5			1	49
19.42	19.41	19.38	19.5			25	0
19.35	19.35	19.33	19.5			25	12
19.24	19.27	19.29	19.5			25	25
19.29	19.22	19.03	19.5			50	0
19.00	19.11	19.08	19.5	16QAM		1	0
19.43	18.96	19.37	19.5			1	24
19.47	19.47	19.33	19.5			1	49
18.26	18.39	18.42	18.5			25	0
18.31	18.36	18.40	18.5			25	12
18.32	18.33	18.25	18.5			25	25
18.18	18.28	18.21	18.5			50	0
18.17	18.27	18.36	18.5	64QAM		1	0
18.19	18.17	18.22	18.5			1	24
18.14	18.23	18.14	18.5			1	49
17.39	17.49	17.43	17.5			25	0
17.43	17.37	17.40	17.5			25	12
17.36	17.49	17.43	17.5			25	25
17.14	17.09	17.14	17.5			50	0
15.30	15.12	15.40	15.5	256QAM		1	0
15.17	15.40	15.40	15.5			1	24
15.38	15.42	15.36	15.5			1	49
15.17	15.28	15.16	15.5			25	0
15.37	15.28	15.21	15.5			25	12
15.44	15.27	15.28	15.5			25	25
15.31	15.33	15.33	15.5			50	0

LTE Band 2 Ant 0							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
18625	18900	19175	Channel				
1852.5	1880	1907.5	Frequency (MHz)				
20.34	20.36	20.33	20.5	QPSK	5 MHz	1	0
20.20	20.27	20.16	20.5			1	12
20.27	20.13	20.17	20.5			1	24
19.37	19.40	19.35	19.5			12	0
19.28	19.35	19.30	19.5			12	6
19.31	19.29	19.21	19.5			12	13
19.26	19.22	18.96	19.5			25	0
18.96	19.08	19.01	19.5	16QAM		1	0
19.43	18.98	19.38	19.5			1	12
19.44	19.46	19.36	19.5			1	24
18.34	18.36	18.39	18.5			12	0
18.32	18.30	18.41	18.5			12	6
18.40	18.33	18.32	18.5			12	13
18.19	18.21	18.26	18.5	64QAM		25	0
18.15	18.26	18.26	18.5			1	0
18.20	18.23	18.15	18.5			1	12
18.21	18.16	18.16	18.5			1	24
17.32	17.40	17.44	17.5			12	0
17.37	17.34	17.38	17.5			12	6
17.37	17.48	17.45	17.5			12	13
17.14	17.16	17.11	17.5	25		0	
15.27	15.15	15.34	15.5	256QAM		1	0
15.12	15.44	15.34	15.5			1	12
15.37	15.46	15.23	15.5			1	24
15.25	15.26	15.12	15.5			12	0
15.35	15.23	15.07	15.5			12	6
15.45	15.25	15.31	15.5			12	13
15.34	15.35	15.24	15.5			25	0



LTE Band 2 Ant 0							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
18615	18900	19185	Channel				
1851.5	1880	1908.5	Frequency (MHz)				
20.32	20.36	20.37	20.5	QPSK	3 MHz	1	0
20.24	20.27	20.16	20.5			1	7
20.29	20.20	20.23	20.5			1	14
19.37	19.43	19.41	19.5			8	0
19.29	19.37	19.37	19.5			8	3
19.28	19.34	19.25	19.5			8	7
19.27	19.26	19.02	19.5			15	0
19.03	19.05	19.00	19.5	16QAM		1	0
19.41	18.95	19.46	19.5			1	7
19.37	19.44	19.37	19.5			1	14
18.26	18.35	18.42	18.5			8	0
18.34	18.37	18.35	18.5			8	3
18.35	18.31	18.23	18.5			8	7
18.24	18.22	18.22	18.5			15	0
18.22	18.33	18.30	18.5	64QAM		1	0
18.14	18.18	18.23	18.5			1	7
18.18	18.18	18.15	18.5			1	14
17.33	17.44	17.38	17.5			8	0
17.34	17.40	17.41	17.5			8	3
17.35	17.47	17.38	17.5			8	7
17.06	17.16	17.12	17.5			15	0
15.30	15.18	15.40	15.5	256QAM		1	0
15.12	15.46	15.41	15.5			1	7
15.38	15.41	15.28	15.5			1	14
15.23	15.21	15.10	15.5			8	0
15.30	15.27	15.22	15.5			8	3
15.40	15.33	15.40	15.5			8	7
15.33	15.35	15.35	15.5			15	0

LTE Band 2 Ant 0							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
18607	18900	19193	Channel				
1850.7	1880	1909.3	Frequency (MHz)				
20.27	20.38	20.40	20.5	QPSK	1.4 MHz	1	0
20.24	20.23	20.23	20.5			1	2
20.27	20.12	20.20	20.5			1	5
19.37	19.47	19.41	20.5			3	0
19.30	19.39	19.30	20.5			3	1
19.31	19.35	19.24	20.5			3	3
19.25	19.30	19.01	19.5			6	0
18.99	19.09	19.08	19.5	16QAM		1	0
19.43	18.99	19.43	19.5			1	2
19.47	19.40	19.33	19.5			1	5
18.32	18.37	18.45	19.5			3	0
18.37	18.30	18.32	19.5			3	1
18.38	18.29	18.32	19.5			3	3
18.20	18.23	18.21	18.5			6	0
18.19	18.34	18.30	18.5	64QAM		1	0
18.12	18.22	18.22	18.5			1	2
18.17	18.23	18.12	18.5			1	5
17.35	17.44	17.37	18.5			3	0
17.38	17.34	17.42	18.5			3	1
17.42	17.42	17.39	18.5			3	3
17.05	17.13	17.19	17.5			6	0
15.31	15.11	15.36	15.5	256QAM		1	0
15.12	15.40	15.38	15.5			1	2
15.35	15.45	15.32	15.5			1	5
15.21	15.18	15.13	15.5			3	0
15.30	15.22	15.19	15.5			3	1
15.39	15.27	15.36	15.5			3	3
15.30	15.26	15.21	15.5			6	0

LTE Band 4 Ant 0							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
20050	20175	20300	Channel				
1720	1732.5	1745	Frequency (MHz)				
21.26	21.42	21.33	21.5	QPSK	20 MHz	1	0
21.21	21.22	21.22	21.5			1	49
21.26	21.14	21.14	21.5			1	99
20.39	20.42	20.40	20.5			50	0
20.31	20.38	20.39	20.5			50	25
20.30	20.30	20.20	20.5			50	50
20.25	20.31	20.04	20.5			100	0
19.97	20.04	20.02	20.5	16QAM		1	0
20.39	20.01	20.37	20.5			1	49
20.42	20.39	20.32	20.5			1	99
19.36	19.38	19.46	19.5			50	0
19.35	19.34	19.34	19.5			50	25
19.37	19.30	19.30	19.5			50	50
19.20	19.20	19.29	19.5			100	0
19.18	19.35	19.29	19.5	64QAM		1	0
19.17	19.19	19.21	19.5			1	49
19.21	19.15	19.20	19.5			1	99
18.31	18.45	18.45	18.5			50	0
18.36	18.36	18.38	18.5			50	25
18.39	18.42	18.40	18.5			50	50
18.06	18.08	18.12	18.5			100	0
16.26	16.21	16.34	16.5	256QAM		1	0
16.12	16.46	16.42	16.5			1	49
16.42	16.49	16.28	16.5			1	99
16.22	16.20	16.17	16.5			50	0
16.34	16.28	16.07	16.5			50	25
16.43	16.33	16.32	16.5			50	50
16.39	16.28	16.38	16.5			100	0

LTE Band 4 Ant 0							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
20025	20175	20325	Channel				
1717.5	1732.5	1747.5	Frequency (MHz)				
21.34	21.41	21.37	21.5	QPSK	15 MHz	1	0
21.24	21.22	21.16	21.5			1	37
21.32	21.15	21.20	21.5			1	74
20.33	20.42	20.40	20.5			36	0
20.37	20.31	20.39	20.5			36	19
20.28	20.28	20.23	20.5			36	39
20.27	20.27	19.98	20.5			75	0
19.94	20.11	19.99	20.5	16QAM		1	0
20.44	20.04	20.39	20.5			1	37
20.44	20.40	20.34	20.5			1	74
19.30	19.42	19.44	19.5			36	0
19.33	19.39	19.41	19.5			36	19
19.33	19.29	19.22	19.5			36	39
19.26	19.28	19.29	19.5			75	0
19.16	19.29	19.26	19.5	64QAM		1	0
19.12	19.20	19.15	19.5			1	37
19.14	19.22	19.19	19.5			1	74
18.31	18.45	18.47	18.5			36	0
18.42	18.39	18.40	18.5			36	19
18.43	18.48	18.40	18.5			36	39
18.04	18.17	18.16	18.5			75	0
16.25	16.15	16.42	16.5	256QAM		1	0
16.20	16.43	16.37	16.5			1	37
16.40	16.46	16.33	16.5			1	74
16.21	16.24	16.06	16.5			36	0
16.33	16.29	16.12	16.5			36	19
16.36	16.31	16.34	16.5			36	39
16.32	16.25	16.35	16.5			75	0

LTE Band 4 Ant 0							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
20000	20175	20350	Channel				
1715	1732.5	1750	Frequency (MHz)				
21.27	21.36	21.30	21.5	QPSK	10 MHz	1	0
21.23	21.29	21.16	21.5			1	24
21.25	21.12	21.13	21.5			1	49
20.42	20.47	20.39	20.5			25	0
20.29	20.38	20.34	20.5			25	12
20.32	20.36	20.27	20.5			25	25
20.26	20.29	20.05	20.5			50	0
19.94	20.10	20.09	20.5	16QAM		1	0
20.37	19.94	20.40	20.5			1	24
20.45	20.39	20.32	20.5			1	49
19.34	19.36	19.44	19.5			25	0
19.38	19.32	19.40	19.5			25	12
19.32	19.33	19.23	19.5			25	25
19.20	19.29	19.27	19.5			50	0
19.23	19.27	19.27	19.5	64QAM		1	0
19.21	19.19	19.17	19.5			1	24
19.21	19.21	19.10	19.5			1	49
18.36	18.45	18.47	18.5			25	0
18.39	18.35	18.44	18.5			25	12
18.38	18.47	18.39	18.5			25	25
18.07	18.11	18.11	18.5			50	0
16.24	16.15	16.42	16.5	256QAM		1	0
16.14	16.41	16.36	16.5			1	24
16.42	16.46	16.29	16.5			1	49
16.19	16.18	16.14	16.5			25	0
16.30	16.27	16.07	16.5			25	12
16.39	16.32	16.35	16.5			25	25
16.38	16.27	16.27	16.5			50	0

LTE Band 4 Ant 0							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
19975	20175	20375	Channel				
1712.5	1732.5	1752.5	Frequency (MHz)				
21.34	21.33	21.33	21.5	QPSK	5 MHz	1	0
21.25	21.25	21.18	21.5			1	12
21.32	21.16	21.16	21.5			1	24
20.37	20.43	20.33	20.5			12	0
20.38	20.31	20.36	20.5			12	6
20.29	20.31	20.20	20.5			12	13
20.22	20.32	19.98	20.5			25	0
19.95	20.02	20.02	20.5	16QAM		1	0
20.40	19.96	20.37	20.5			1	12
20.40	20.47	20.32	20.5			1	24
19.28	19.37	19.49	19.5			12	0
19.37	19.32	19.38	19.5			12	6
19.30	19.37	19.29	19.5			12	13
19.24	19.27	19.20	19.5			25	0
19.16	19.31	19.26	19.5	64QAM		1	0
19.12	19.21	19.18	19.5			1	12
19.12	19.21	19.16	19.5			1	24
18.38	18.42	18.37	18.5			12	0
18.41	18.37	18.40	18.5			12	6
18.42	18.49	18.39	18.5			12	13
18.09	18.14	18.15	18.5			25	0
16.29	16.13	16.32	16.5	256QAM		1	0
16.17	16.42	16.35	16.5			1	12
16.44	16.42	16.30	16.5			1	24
16.19	16.18	16.17	16.5			12	0
16.35	16.21	16.06	16.5			12	6
16.39	16.34	16.26	16.5			12	13
16.34	16.27	16.26	16.5			25	0

LTE Band 4 Ant 0							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
19965	20175	20385	Channel				
1711.5	1732.5	1753.5	Frequency (MHz)				
21.26	21.36	21.31	21.5	QPSK	3 MHz	1	0
21.20	21.26	21.19	21.5			1	7
21.30	21.15	21.20	21.5			1	14
20.38	20.39	20.34	20.5			8	0
20.33	20.34	20.32	20.5			8	3
20.29	20.31	20.19	20.5			8	7
20.29	20.27	20.01	20.5			15	0
19.94	20.08	20.07	20.5	16QAM		1	0
20.39	19.96	20.42	20.5			1	7
20.43	20.47	20.39	20.5			1	14
19.34	19.35	19.48	19.5			8	0
19.36	19.39	19.40	19.5			8	3
19.30	19.37	19.30	19.5			8	7
19.26	19.26	19.21	19.5			15	0
19.21	19.34	19.35	19.5	64QAM		1	0
19.17	19.23	19.19	19.5			1	7
19.13	19.13	19.19	19.5			1	14
18.37	18.43	18.47	18.5			8	0
18.40	18.34	18.38	18.5			8	3
18.37	18.40	18.39	18.5			8	7
18.08	18.15	18.14	18.5			15	0
16.23	16.18	16.33	16.5	256QAM		1	0
16.11	16.48	16.37	16.5			1	7
16.36	16.43	16.31	16.5			1	14
16.23	16.23	16.19	16.5			8	0
16.32	16.23	16.10	16.5			8	3
16.44	16.33	16.24	16.5			8	7
16.37	16.31	16.24	16.5			15	0

LTE Band 4 Ant 0							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
19957	20175	20393	Channel				
1710.7	1732.5	1754.3	Frequency (MHz)				
21.26	21.34	21.31	21.5	QPSK	1.4 MHz	1	0
21.23	21.21	21.17	21.5			1	2
21.31	21.13	21.14	21.5			1	5
20.35	20.42	20.43	21.5			3	0
20.28	20.34	20.39	21.5			3	1
20.33	20.28	20.26	21.5			3	3
20.30	20.27	19.98	20.5			6	0
19.99	20.07	20.02	20.5	16QAM		1	0
20.46	20.04	20.36	20.5			1	2
20.37	20.46	20.40	20.5			1	5
19.26	19.35	19.47	20.5			3	0
19.37	19.37	19.35	20.5			3	1
19.35	19.31	19.32	20.5			3	3
19.19	19.19	19.25	19.5			6	0
19.18	19.27	19.30	19.5	64QAM		1	0
19.14	19.17	19.25	19.5			1	2
19.16	19.17	19.20	19.5			1	5
18.37	18.44	18.40	19.5			3	0
18.40	18.42	18.47	19.5			3	1
18.43	18.40	18.41	19.5			3	3
18.13	18.15	18.12	18.5			6	0
16.23	16.21	16.35	16.5	256QAM		1	0
16.15	16.43	16.42	16.5			1	2
16.42	16.41	16.25	16.5			1	5
16.17	16.23	16.14	16.5			3	0
16.29	16.26	16.09	16.5			3	1
16.41	16.35	16.40	16.5			3	3
16.34	16.33	16.38	16.5			6	0



LTE Band 5 Ant 0							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
20450	20525	20600	Channel				
829	836.5	844	Frequency (MHz)				
23.42	23.45	23.44	23.5	QPSK	10 MHz	1	0
23.15	23.26	23.16	23.5			1	24
23.11	23.28	23.04	23.5			1	49
22.33	22.45	22.34	22.5			25	0
22.25	22.26	22.28	22.5			25	12
22.24	22.25	22.23	22.5			25	25
22.37	22.37	22.27	22.5			50	0
22.01	22.00	21.98	22.5	16QAM		1	0
21.97	22.34	22.38	22.5			1	24
22.41	22.31	22.22	22.5			1	49
21.27	21.40	21.44	21.5			25	0
21.30	21.22	21.30	21.5			25	12
21.34	21.17	21.20	21.5			25	25
21.18	21.25	21.16	21.5			50	0
21.25	21.25	21.19	21.5	64QAM		1	0
21.10	21.36	21.19	21.5			1	24
21.32	21.31	21.38	21.5			1	49
20.37	20.36	20.42	20.5			25	0
20.39	20.39	20.42	20.5			25	12
20.45	20.35	20.34	20.5			25	25
20.28	20.25	20.29	20.5			50	0
18.29	18.31	18.32	18.5	256QAM		1	0
18.37	18.26	18.34	18.5			1	24
18.43	18.33	18.27	18.5			1	49
18.35	18.34	18.12	18.5			25	0
18.22	18.28	17.96	18.5			25	12
18.19	18.25	18.32	18.5			25	25
18.17	18.28	18.19	18.5			50	0

LTE Band 5 Ant 0							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
20425	20525	20625	Channel				
826.5	836.5	846.5	Frequency (MHz)				
23.32	23.25	23.36	23.5	QPSK	5 MHz	1	0
23.21	23.01	23.06	23.5			1	12
23.05	23.04	23.03	23.5			1	24
22.27	22.33	22.32	22.5			12	0
22.20	22.25	22.24	22.5			12	6
22.18	22.11	22.11	22.5			12	13
22.34	22.36	22.16	22.5			25	0
22.02	21.90	21.82	22.5	16QAM		1	0
21.97	22.23	22.32	22.5			1	12
22.28	22.25	22.19	22.5			1	24
21.18	21.28	21.43	21.5			12	0
21.15	21.18	21.24	21.5			12	6
21.27	21.09	21.06	21.5			12	13
21.05	21.07	21.04	21.5			25	0
21.18	21.25	21.10	21.5	64QAM		1	0
21.17	21.24	21.18	21.5			1	12
21.24	21.19	21.24	21.5			1	24
20.29	20.28	20.38	20.5			12	0
20.27	20.22	20.35	20.5			12	6
20.27	20.26	20.20	20.5			12	13
20.17	20.16	20.25	20.5			25	0
18.31	18.17	18.21	18.5	256QAM		1	0
18.34	18.22	18.22	18.5			1	12
18.35	18.27	18.31	18.5			1	24
18.27	18.27	17.97	18.5			12	0
18.10	18.25	17.91	18.5			12	6
18.14	18.11	18.39	18.5			12	13
18.23	18.15	18.26	18.5			25	0

LTE Band 5 Ant 0							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
20415	20525	20635	Channel				
825.5	836.5	847.5	Frequency (MHz)				
23.33	23.35	23.27	23.5	QPSK	3 MHz	1	0
23.24	23.02	23.07	23.5			1	7
23.09	23.07	22.94	23.5			1	14
22.27	22.24	22.36	22.5			8	0
22.21	22.30	22.21	22.5			8	3
22.18	22.05	22.14	22.5			8	7
22.31	22.23	22.13	22.5			15	0
22.06	21.86	22.00	22.5	16QAM		1	0
21.84	22.17	22.30	22.5			1	7
22.30	22.18	22.23	22.5			1	14
21.18	21.31	21.29	21.5			8	0
21.31	21.14	21.21	21.5			8	3
21.17	21.11	21.18	21.5			8	7
21.02	21.18	21.11	21.5			15	0
21.28	21.16	21.18	21.5	64QAM		1	0
21.05	21.23	21.21	21.5			1	7
21.31	21.22	21.18	21.5			1	14
20.23	20.33	20.40	20.5			8	0
20.36	20.29	20.38	20.5			8	3
20.40	20.24	20.27	20.5			8	7
20.22	20.21	20.28	20.5			15	0
18.28	18.27	18.32	18.5	256QAM		1	0
18.33	18.19	18.32	18.5			1	7
18.41	18.28	18.41	18.5			1	14
18.27	18.18	18.12	18.5			8	0
18.13	18.18	17.87	18.5			8	3
18.10	18.12	18.30	18.5			8	7
18.10	18.14	18.24	18.5			15	0

LTE Band 5 Ant 0							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
20407	20525	20643	Channel				
824.7	836.5	848.3	Frequency (MHz)				
23.31	23.37	23.27	23.5	QPSK	1.4 MHz	1	0
23.14	23.11	23.09	23.5			1	2
23.06	23.11	22.93	23.5			1	5
22.39	22.27	22.37	23.5			3	0
22.33	22.18	22.29	23.5			3	1
22.06	22.16	22.24	23.5			3	3
22.32	22.30	22.23	22.5			6	0
21.96	21.90	21.91	22.5	16QAM		1	0
21.96	22.20	22.34	22.5			1	2
22.36	22.20	22.17	22.5			1	5
21.21	21.23	21.39	22.5			3	0
21.30	21.21	21.23	22.5			3	1
21.28	21.20	21.20	22.5			3	3
21.04	21.24	21.01	21.5			6	0
21.26	21.15	21.15	21.5	64QAM		1	0
21.12	21.29	21.03	21.5			1	2
21.33	21.26	21.39	21.5			1	5
20.30	20.21	20.43	21.5			3	0
20.29	20.26	20.25	21.5			3	1
20.38	20.14	20.27	21.5			3	3
20.14	20.12	20.24	20.5			6	0
18.31	18.25	18.39	18.5	256QAM		1	0
18.28	18.32	18.15	18.5			1	2
18.25	18.28	18.35	18.5			1	5
18.24	18.25	18.16	18.5			3	0
18.17	18.20	17.94	18.5			3	1
18.02	18.03	18.29	18.5			3	3
18.14	18.12	18.24	18.5			6	0

LTE Band 7 Ant 0							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
20850	21100	21350	Channel				
2510	2535	2560	Frequency (MHz)				
18.43	18.46	18.45	18.5	QPSK	20 MHz	1	0
18.25	18.19	18.17	18.5			1	49
18.04	18.13	18.12	18.5			1	99
17.38	17.42	17.41	17.5			50	0
17.34	17.32	17.37	17.5			50	25
17.22	17.19	17.17	17.5			50	50
17.35	17.36	17.34	17.5			100	0
17.04	16.98	16.94	17.5	16QAM		1	0
16.92	17.28	17.36	17.5			1	49
17.35	17.26	17.32	17.5			1	99
16.33	16.34	16.39	16.5			50	0
16.26	16.30	16.28	16.5			50	25
16.33	16.22	16.22	16.5			50	50
16.14	16.20	16.13	16.5			100	0
16.30	16.27	16.19	16.5	64QAM		1	0
16.13	16.10	16.14	16.5			1	49
16.09	16.07	16.18	16.5			1	99
15.36	15.42	15.37	15.5			50	0
15.31	15.37	15.39	15.5			50	25
15.46	15.35	15.29	15.5			50	50
15.12	15.06	15.16	15.5			100	0
13.14	13.34	13.35	13.5	256QAM		1	0
13.41	13.33	13.29	13.5			1	49
13.42	13.29	13.31	13.5			1	99
13.16	13.09	13.11	13.5			50	0
13.15	13.11	13.08	13.5			50	25
13.26	13.26	13.35	13.5			50	50
13.19	13.20	13.36	13.5			100	0

LTE Band 7 Ant 0							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
20825	21100	21375	Channel				
2507.5	2535	2562.5	Frequency (MHz)				
18.37	18.35	18.38	18.5	QPSK	15 MHz	1	0
18.23	18.18	18.11	18.5			1	37
18.04	18.14	18.07	18.5			1	74
17.35	17.33	17.39	17.5			36	0
17.33	17.32	17.30	17.5			36	19
17.17	17.12	17.18	17.5			36	39
17.40	16.97	16.91	17.5			75	0
17.05	16.96	17.02	17.5	16QAM		1	0
17.01	17.27	17.41	17.5			1	37
17.34	17.31	17.23	17.5			1	74
16.30	16.36	16.40	16.5			36	0
16.28	16.28	16.25	16.5			36	19
16.34	16.17	16.22	16.5			36	39
16.13	16.19	16.12	16.5			75	0
16.30	16.21	16.23	16.5	64QAM		1	0
16.10	16.10	16.15	16.5			1	37
16.19	16.05	16.13	16.5			1	74
15.37	15.37	15.44	15.5			36	0
15.34	15.37	15.36	15.5			36	19
15.45	15.36	15.29	15.5			36	39
15.14	15.12	15.11	15.5			75	0
13.08	13.28	13.41	13.5	256QAM		1	0
13.37	13.34	13.36	13.5			1	37
13.41	13.35	13.34	13.5			1	74
13.17	13.13	13.10	13.5			36	0
13.19	13.05	13.07	13.5			36	19
13.19	13.19	13.34	13.5			36	39
13.19	13.27	13.30	13.5			75	0

LTE Band 7 Ant 0							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
20800	21100	21400	Channel				
2505	2535	2565	Frequency (MHz)				
18.46	18.32	18.44	18.5	QPSK	10 MHz	1	0
18.19	18.19	18.11	18.5			1	24
18.13	18.10	18.09	18.5			1	49
17.41	17.26	17.42	17.5			25	0
17.33	17.33	17.36	17.5			25	12
17.23	17.15	17.21	17.5			25	25
17.32	16.97	16.96	17.5			50	0
17.02	17.01	17.00	17.5	16QAM		1	0
17.01	17.27	17.34	17.5			1	24
17.42	17.31	17.26	17.5			1	49
16.34	16.36	16.46	16.5			25	0
16.33	16.29	16.26	16.5			25	12
16.32	16.13	16.13	16.5			25	25
16.13	16.18	16.20	16.5			50	0
16.21	16.26	16.17	16.5	64QAM		1	0
16.13	16.16	16.14	16.5			1	24
16.15	16.11	16.09	16.5			1	49
15.37	15.36	15.40	15.5			25	0
15.38	15.36	15.35	15.5			25	12
15.39	15.33	15.31	15.5			25	25
15.15	15.07	15.10	15.5			50	0
13.08	13.33	13.42	13.5	256QAM		1	0
13.35	13.25	13.30	13.5			1	24
13.42	13.35	13.36	13.5			1	49
13.17	13.19	13.05	13.5			25	0
13.23	13.09	13.08	13.5			25	12
13.22	13.26	13.42	13.5			25	25
13.25	13.24	13.30	13.5			50	0

LTE Band 7 Ant 0							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
20775	21100	21425	Channel				
2502.5	2535	2567.5	Frequency (MHz)				
18.39	18.31	18.38	18.5	QPSK	5 MHz	1	0
18.20	18.11	18.12	18.5			1	12
18.10	18.12	18.09	18.5			1	24
17.36	17.33	17.40	17.5			12	0
17.32	17.25	17.35	17.5			12	6
17.27	17.18	17.25	17.5			12	13
17.31	16.89	17.01	17.5			25	0
17.08	16.95	16.92	17.5	16QAM		1	0
17.02	17.36	17.38	17.5			1	12
17.41	17.34	17.25	17.5			1	24
16.28	16.34	16.46	16.5			12	0
16.33	16.28	16.35	16.5			12	6
16.31	16.21	16.23	16.5			12	13
16.10	16.18	16.12	16.5			25	0
16.29	16.28	16.18	16.5	64QAM		1	0
16.19	16.14	16.19	16.5			1	12
16.13	16.09	16.09	16.5			1	24
15.38	15.41	15.38	15.5			12	0
15.40	15.31	15.34	15.5			12	6
15.40	15.33	15.29	15.5			12	13
15.13	15.12	15.13	15.5			25	0
13.11	13.28	13.34	13.5	256QAM		1	0
13.42	13.31	13.28	13.5			1	12
13.37	13.26	13.36	13.5			1	24
13.11	13.17	13.06	13.5			12	0
13.23	13.08	13.03	13.5			12	6
13.24	13.19	13.30	13.5			12	13
13.23	13.20	13.32	13.5			25	0



LTE Band 12 Ant 0							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
23060	23095	23130	Channel				
704	707.5	711	Frequency (MHz)				
23.25	23.28	23.23	24	QPSK	10 MHz	1	0
23.22	23.22	23.19	24			1	24
23.20	23.20	23.17	24			1	49
22.82	22.99	22.94	23			25	0
22.90	22.97	22.93	23			25	12
22.87	22.98	22.95	23			25	25
22.17	22.23	22.22	23			50	0
22.55	22.62	22.60	23	16QAM		1	0
22.47	22.53	22.54	23			1	24
22.45	22.49	22.45	23			1	49
21.51	21.56	21.64	22			25	0
21.58	21.56	21.65	22			25	12
21.61	21.67	21.71	22			25	25
21.22	21.22	21.27	22			50	0
21.73	21.78	21.77	22	64QAM		1	0
21.72	21.66	21.73	22			1	24
21.63	21.62	21.65	22			1	49
20.94	20.93	20.97	21			25	0
20.96	20.95	20.92	21			25	12
20.86	20.98	20.90	21			25	25
20.43	20.33	20.49	21			50	0
18.97	18.82	18.51	19	256QAM		1	0
18.64	18.93	18.92	19			1	24
18.80	18.53	18.96	19			1	49
18.71	18.96	18.82	19			25	0
18.59	18.62	18.52	19			25	12
18.50	18.54	18.95	19			25	25
18.87	18.73	18.77	19			50	0

LTE Band 12 Ant 0							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
23035	23095	23155	Channel				
701.5	707.5	713.5	Frequency (MHz)				
23.24	23.20	23.21	24	QPSK	5 MHz	1	0
23.16	23.17	23.20	24			1	12
23.12	23.13	23.15	24			1	24
22.85	22.92	22.95	23			12	0
22.95	22.95	22.99	23			12	6
22.96	22.99	22.94	23			12	13
22.24	22.23	22.26	23			25	0
22.46	22.50	22.53	23	16QAM		1	0
22.42	22.47	22.49	23			1	12
22.40	22.39	22.42	23			1	24
21.51	21.61	21.64	22			12	0
21.58	21.64	21.66	22			12	6
21.56	21.67	21.69	22			12	13
21.19	21.23	21.20	22			25	0
21.68	21.71	21.71	22	64QAM		1	0
21.70	21.72	21.73	22			1	12
21.61	21.65	21.62	22			1	24
20.95	21.00	20.97	21			12	0
20.93	20.96	20.99	21			12	6
20.88	20.95	20.91	21			12	13
20.45	20.40	20.50	21			25	0
18.64	18.60	18.87	19	256QAM		1	0
18.62	18.82	18.51	19			1	12
18.60	18.81	18.59	19			1	24
18.93	18.86	18.81	19			12	0
18.61	18.74	18.57	19			12	6
18.79	18.58	18.99	19			12	13
18.93	18.76	18.81	19			25	0

LTE Band 12 Ant 0							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
23025	23095	23165	Channel				
700.5	707.5	714.5	Frequency (MHz)				
23.16	23.21	23.16	24	QPSK	3 MHz	1	0
23.08	23.19	23.08	24			1	7
23.08	23.17	23.08	24			1	14
22.92	22.94	22.92	23			8	0
22.86	22.92	22.86	23			8	3
22.86	22.94	22.86	23			8	7
22.23	22.18	22.23	23			15	0
22.48	22.53	22.48	23	16QAM		1	0
22.33	22.48	22.33	23			1	7
22.39	22.45	22.39	23			1	14
21.64	21.64	21.64	22			8	0
21.63	21.64	21.63	22			8	3
21.58	21.66	21.58	22			8	7
21.20	21.19	21.20	22			15	0
21.73	21.72	21.73	22	64QAM		1	0
21.68	21.73	21.68	22			1	7
21.55	21.70	21.55	22			1	14
20.98	20.95	20.98	21			8	0
20.97	20.98	20.97	21			8	3
20.89	20.96	20.89	21			8	7
20.41	20.33	20.41	21			15	0
18.99	18.98	18.87	19	256QAM		1	0
18.55	18.56	18.82	19			1	7
18.71	18.92	18.67	19			1	14
18.98	18.99	18.67	19			8	0
18.51	18.72	18.96	19			8	3
18.76	19.00	18.85	19			8	7
18.71	18.52	18.83	19			15	0

LTE Band 12 Ant 0							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
23017	23095	23173	Channel				
699.7	707.5	715.3	Frequency (MHz)				
23.11	23.16	23.19	24	QPSK	1.4 MHz	1	0
23.10	23.11	23.14	24			1	2
23.01	23.09	23.05	24			1	5
23.09	23.14	23.11	24			3	0
23.09	23.17	23.14	24			3	1
23.03	23.13	23.09	24			3	3
22.13	22.11	22.23	23			6	0
22.50	22.52	22.53	23	16QAM		1	0
22.48	22.47	22.52	23			1	2
22.37	22.45	22.43	23			1	5
22.31	22.40	22.35	23			3	0
22.35	22.35	22.35	23			3	1
22.24	22.36	22.33	23			3	3
21.22	21.15	21.29	22			6	0
21.73	21.70	21.77	22	64QAM		1	0
21.70	21.72	21.71	22			1	2
21.63	21.70	21.61	22			1	5
21.52	21.65	21.60	22			3	0
21.60	21.56	21.54	22			3	1
21.45	21.63	21.53	22			3	3
20.46	20.34	20.48	21			6	0
18.79	18.84	18.82	19	256QAM		1	0
18.60	18.94	18.53	19			1	2
18.89	18.99	19.00	19			1	5
18.80	18.69	18.72	19			3	0
18.81	18.56	19.00	19			3	1
18.62	18.57	18.71	19			3	3
18.67	18.94	18.75	19			6	0

LTE Band 13 Ant 0							
Maximum Average Power (dBm)		Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset	
23230		Channel					
782		Frequency (MHz)					
	22.44	22.5	QPSK	10 MHz	1	0	
	22.19	22.5			1	24	
	22.07	22.5			1	49	
	21.45	21.5			25	0	
	21.32	21.5			25	12	
	21.22	21.5			25	25	
	21.39	21.5			50	0	
	20.97	21.5	16QAM		1	0	
	21.41	21.5			1	24	
	21.30	21.5			1	49	
	20.43	20.5			25	0	
	20.26	20.5			25	12	
	20.17	20.5			25	25	
	20.15	20.5	64QAM		50	0	
	20.23	20.5			1	0	
	20.23	20.5			1	24	
	20.32	20.5			1	49	
	19.38	19.5			25	0	
	19.36	19.5			25	12	
	19.37	19.5			25	25	
	19.38	19.5	50		0		
	17.33	17.5	256QAM		1	0	
	17.34	17.5			1	24	
	17.39	17.5			1	49	
	17.16	17.5			25	0	
	17.01	17.5			25	12	
	17.27	17.5			25	25	
	17.32	17.5			50	0	

LTE Band 13 Ant 0							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
23205	23230	23255	Channel				
779.5	782	784.5	Frequency (MHz)				
22.42	22.31	22.38	22.5	QPSK	5 MHz	1	0
22.17	22.17	22.20	22.5			1	12
22.13	22.19	22.12	22.5			1	24
21.44	21.31	21.38	21.5			12	0
21.35	21.26	21.36	21.5			12	6
21.19	21.17	21.17	21.5			12	13
21.35	21.33	21.22	21.5			25	0
21.07	21.04	21.02	21.5	16QAM		1	0
21.01	21.29	21.35	21.5			1	12
21.35	21.26	21.23	21.5			1	24
20.25	20.38	20.43	20.5			12	0
20.26	20.23	20.25	20.5			12	6
20.32	20.17	20.21	20.5			12	13
20.19	20.21	20.20	20.5			25	0
20.30	20.24	20.27	20.5	64QAM		1	0
20.16	20.38	20.18	20.5			1	12
20.38	20.28	20.39	20.5			1	24
19.43	19.44	19.38	19.5			12	0
19.32	19.29	19.36	19.5			12	6
19.41	19.37	19.39	19.5			12	13
19.29	19.26	19.33	19.5			25	0
17.29	17.34	17.40	17.5	256QAM		1	0
17.33	17.29	17.29	17.5			1	12
17.42	17.30	17.31	17.5			1	24
17.33	17.32	17.13	17.5			12	0
17.19	17.30	17.12	17.5			12	6
17.22	17.28	17.34	17.5			12	13
17.15	17.26	17.36	17.5			25	0

LTE Band 14 Ant 0							
Maximum Average Power (dBm)		Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset	
23330		Channel					
793		Frequency (MHz)					
	22.46	22.5	QPSK	10 MHz	1	0	
	22.17	22.5			1	24	
	22.04	22.5			1	49	
	21.49	21.5			25	0	
	21.30	21.5			25	12	
	21.22	21.5			25	25	
	21.43	21.5			50	0	
	20.95	21.5	16QAM		1	0	
	21.37	21.5			1	24	
	21.27	21.5			1	49	
	20.45	20.5			25	0	
	20.32	20.5			25	12	
	20.22	20.5			25	25	
	20.18	20.5	64QAM		50	0	
	20.26	20.5			1	0	
	20.23	20.5			1	24	
	20.29	20.5			1	49	
	19.37	19.5			25	0	
	19.39	19.5			25	12	
	19.37	19.5			25	25	
	19.32	19.5	50		0		
	17.41	17.5	256QAM		1	0	
	17.36	17.5			1	24	
	17.36	17.5			1	49	
	17.17	17.5			25	0	
	16.95	17.5			25	12	
	17.39	17.5			25	25	
	17.22	17.5			50	0	

LTE Band 14 Ant 0							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
23305	23330	23355	Channel				
790.5	793	795.5	Frequency (MHz)				
22.45	22.31	22.39	22.5	QPSK	5 MHz	1	0
22.22	22.18	22.14	22.5			1	12
22.04	22.18	22.09	22.5			1	24
21.38	21.31	21.38	21.5			12	0
21.34	21.30	21.31	21.5			12	6
21.20	21.14	21.23	21.5			12	13
21.31	21.38	21.24	21.5			25	0
21.02	21.01	20.95	21.5	16QAM		1	0
21.01	21.26	21.37	21.5			1	12
21.33	21.31	21.27	21.5			1	24
20.31	20.42	20.39	20.5			12	0
20.34	20.29	20.34	20.5			12	6
20.26	20.22	20.22	20.5			12	13
20.17	20.21	20.21	20.5			25	0
20.31	20.22	20.25	20.5	64QAM		1	0
20.10	20.31	20.18	20.5			1	12
20.33	20.21	20.36	20.5			1	24
19.42	19.37	19.44	19.5			12	0
19.36	19.39	19.38	19.5			12	6
19.48	19.29	19.35	19.5			12	13
19.30	19.24	19.32	19.5			25	0
17.26	17.35	17.40	17.5	256QAM		1	0
17.41	17.34	17.32	17.5			1	12
17.36	17.36	17.30	17.5			1	24
17.38	17.29	17.04	17.5			12	0
17.23	17.25	16.99	17.5			12	6
17.26	17.20	17.35	17.5			12	13
17.21	17.27	17.30	17.5			25	0



LTE Band 25 Ant 0								
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset	
26140	26365	26590	Channel					
1860	1882.5	1905	Frequency (MHz)					
20.41	20.46	20.44	20.5	QPSK	20 MHz	1	0	
20.22	20.29	20.15	20.5			1	49	
20.29	20.20	20.16	20.5			1	99	
19.37	19.46	19.40	19.5			50	0	
19.35	19.41	19.34	19.5			50	25	
19.32	19.31	19.20	19.5			50	50	
19.28	19.42	19.31	19.5			100	0	
19.01	19.01	19.01	19.5	16QAM		1	0	
19.42	18.99	19.42	19.5			1	49	
19.42	19.41	19.30	19.5			1	99	
18.26	18.35	18.47	18.5			50	0	
18.38	18.35	18.36	18.5			50	25	
18.40	18.33	18.27	18.5			50	50	
18.27	18.19	18.29	18.5			100	0	
18.21	18.35	18.28	18.5	64QAM		1	0	
18.22	18.23	18.24	18.5			1	49	
18.12	18.17	18.19	18.5			1	99	
17.37	17.49	17.40	17.5			50	0	
17.41	17.42	17.43	17.5			50	25	
17.42	17.44	17.38	17.5			50	50	
17.12	17.14	17.15	17.5			100	0	
15.32	15.11	15.41	15.5	256QAM		1	0	
15.16	15.40	15.34	15.5			1	49	
15.37	15.46	15.41	15.5			1	99	
15.25	15.26	15.14	15.5			50	0	
15.37	15.25	15.07	15.5			50	25	
15.42	15.29	15.37	15.5			50	50	
15.40	15.32	15.24	15.5			100	0	

LTE Band 25 Ant 0							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
26115	26365	26615	Channel				
1857.5	1882.5	1907.5	Frequency (MHz)				
20.35	20.38	20.44	20.5	QPSK	15 MHz	1	0
20.23	20.31	20.23	20.5			1	37
20.27	20.13	20.15	20.5			1	74
19.36	19.44	19.42	19.5			36	0
19.32	19.37	19.38	19.5			36	19
19.26	19.27	19.26	19.5			36	39
19.21	19.15	18.99	19.5			75	0
19.02	19.09	19.01	19.5	16QAM		1	0
19.46	18.94	19.37	19.5			1	37
19.43	19.45	19.34	19.5			1	74
18.34	18.43	18.42	18.5			36	0
18.40	18.35	18.36	18.5			36	19
18.32	18.34	18.32	18.5			36	39
18.17	18.21	18.25	18.5			75	0
18.23	18.30	18.33	18.5	64QAM		1	0
18.18	18.18	18.17	18.5			1	37
18.12	18.22	18.11	18.5			1	74
17.31	17.43	17.43	17.5			36	0
17.41	17.37	17.43	17.5			36	19
17.39	17.41	17.42	17.5			36	39
17.06	17.09	17.11	17.5			75	0
15.24	15.18	15.35	15.5	256QAM		1	0
15.14	15.49	15.41	15.5			1	37
15.40	15.48	15.37	15.5			1	74
15.17	15.26	15.21	15.5			36	0
15.37	15.24	15.13	15.5			36	19
15.42	15.32	15.41	15.5			36	39
15.36	15.33	15.38	15.5			75	0

LTE Band 25 Ant 0							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
26090	26365	26640	Channel				
1855	1882.5	1910	Frequency (MHz)				
20.31	20.47	20.41	20.5	QPSK	10 MHz	1	0
20.24	20.24	20.16	20.5			1	24
20.29	20.21	20.22	20.5			1	49
19.42	19.42	19.39	19.5			25	0
19.30	19.34	19.33	19.5			25	12
19.24	19.28	19.21	19.5			25	25
19.31	19.26	18.95	19.5			50	0
19.02	19.02	19.06	19.5	16QAM		1	0
19.46	18.96	19.39	19.5			1	24
19.43	19.41	19.30	19.5			1	49
18.34	18.42	18.43	18.5			25	0
18.33	18.31	18.41	18.5			25	12
18.40	18.35	18.28	18.5			25	25
18.25	18.28	18.27	18.5			50	0
18.18	18.35	18.28	18.5	64QAM		1	0
18.12	18.22	18.17	18.5			1	24
18.17	18.19	18.11	18.5			1	49
17.32	17.42	17.45	17.5			25	0
17.41	17.40	17.47	17.5			25	12
17.33	17.40	17.45	17.5			25	25
17.10	17.11	17.17	17.5			50	0
15.32	15.19	15.39	15.5	256QAM		1	0
15.19	15.40	15.34	15.5			1	24
15.35	15.42	15.40	15.5			1	49
15.25	15.26	15.14	15.5			25	0
15.37	15.30	15.20	15.5			25	12
15.45	15.26	15.32	15.5			25	25
15.31	15.26	15.27	15.5			50	0

LTE Band 25 Ant 0							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
26065	26365	26665	Channel				
1852.5	1882.5	1912.5	Frequency (MHz)				
20.39	20.38	20.41	20.5	QPSK	5 MHz	1	0
20.25	20.25	20.19	20.5			1	12
20.29	20.18	20.23	20.5			1	24
19.35	19.38	19.41	19.5			12	0
19.38	19.31	19.32	19.5			12	6
19.33	19.27	19.21	19.5			12	13
19.22	19.31	19.02	19.5			25	0
18.97	19.06	19.09	19.5	16QAM		1	0
19.37	19.03	19.43	19.5			1	12
19.45	19.45	19.31	19.5			1	24
18.29	18.36	18.47	18.5			12	0
18.38	18.30	18.40	18.5			12	6
18.35	18.32	18.23	18.5			12	13
18.22	18.29	18.20	18.5			25	0
18.24	18.34	18.34	18.5	64QAM		1	0
18.16	18.15	18.18	18.5			1	12
18.18	18.22	18.13	18.5			1	24
17.39	17.41	17.40	17.5			12	0
17.38	17.40	17.44	17.5			12	6
17.41	17.42	17.47	17.5			12	13
17.05	17.10	17.15	17.5			25	0
15.27	15.20	15.38	15.5	256QAM		1	0
15.15	15.45	15.40	15.5			1	12
15.38	15.45	15.33	15.5			1	24
15.19	15.20	15.19	15.5			12	0
15.35	15.31	15.15	15.5			12	6
15.43	15.28	15.32	15.5			12	13
15.30	15.34	15.29	15.5			25	0

LTE Band 25 Ant 0							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
26055	26365	26675	Channel				
1851.5	1882.5	1913.5	Frequency (MHz)				
20.36	20.45	20.37	20.5	QPSK	3 MHz	1	0
20.22	20.27	20.21	20.5			1	7
20.22	20.17	20.17	20.5			1	14
19.34	19.39	19.37	19.5			8	0
19.28	19.39	19.38	19.5			8	3
19.31	19.26	19.27	19.5			8	7
19.28	19.37	19.05	19.5			15	0
19.01	19.11	19.08	19.5	16QAM		1	0
19.38	19.02	19.36	19.5			1	7
19.41	19.39	19.32	19.5			1	14
18.34	18.34	18.43	18.5			8	0
18.33	18.36	18.32	18.5			8	3
18.35	18.29	18.32	18.5			8	7
18.26	18.25	18.22	18.5			15	0
18.16	18.28	18.35	18.5	64QAM		1	0
18.21	18.21	18.15	18.5			1	7
18.21	18.17	18.19	18.5			1	14
17.32	17.49	17.45	17.5			8	0
17.40	17.42	17.45	17.5			8	3
17.35	17.47	17.41	17.5			8	7
17.08	17.08	17.11	17.5			15	0
15.29	15.20	15.41	15.5	256QAM		1	0
15.16	15.42	15.35	15.5			1	7
15.43	15.41	15.28	15.5			1	14
15.22	15.24	15.18	15.5			8	0
15.27	15.24	15.11	15.5			8	3
15.37	15.29	15.35	15.5			8	7
15.33	15.31	15.38	15.5			15	0

LTE Band 25 Ant 0							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
26047	26365	26683	Channel				
1850.7	1882.5	1914.3	Frequency (MHz)				
20.32	20.44	20.40	20.5	QPSK	1.4 MHz	1	0
20.22	20.30	20.21	20.5			1	2
20.29	20.20	20.22	20.5			1	5
19.32	19.48	19.38	20.5			3	0
19.36	19.33	19.33	20.5			3	1
19.29	19.33	19.26	20.5			3	3
19.26	19.42	18.96	19.5			6	0
18.96	19.11	19.04	19.5	16QAM		1	0
19.39	19.04	19.45	19.5			1	2
19.39	19.44	19.34	19.5			1	5
18.33	18.39	18.48	19.5			3	0
18.37	18.39	18.35	19.5			3	1
18.35	18.28	18.30	19.5			3	3
18.26	18.20	18.24	18.5			6	0
18.20	18.26	18.33	18.5	64QAM		1	0
18.16	18.23	18.23	18.5			1	2
18.19	18.16	18.11	18.5			1	5
17.35	17.47	17.44	18.5			3	0
17.43	17.37	17.38	18.5			3	1
17.34	17.45	17.41	18.5			3	3
17.04	17.15	17.11	17.5			6	0
15.28	15.20	15.40	15.5	256QAM		1	0
15.13	15.46	15.41	15.5			1	2
15.39	15.41	15.35	15.5			1	5
15.16	15.20	15.18	15.5			3	0
15.34	15.31	15.17	15.5			3	1
15.39	15.30	15.38	15.5			3	3
15.38	15.34	15.26	15.5			6	0

LTE Band 26 Ant 0								
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset	
26765	26865	26965	Channel					
821.5	831.5	841.5	Frequency (MHz)					
23.36	23.45	23.34	23.5	QPSK	15 MHz	1	0	
23.19	23.12	23.19	23.5			1	37	
23.04	23.14	23.05	23.5			1	74	
22.36	22.39	22.37	22.5			36	0	
22.27	22.33	22.35	22.5			36	19	
22.19	22.12	22.24	22.5			36	39	
22.36	22.37	22.24	22.5			75	0	
22.11	21.96	21.94	22.5	16QAM		1	0	
21.99	22.27	22.38	22.5			1	37	
22.39	22.28	22.28	22.5			1	74	
21.29	21.40	21.43	21.5			36	0	
21.35	21.29	21.35	21.5			36	19	
21.29	21.19	21.15	21.5			36	39	
21.11	21.23	21.19	21.5	64QAM		75	0	
21.25	21.27	21.19	21.5			1	0	
21.19	21.39	21.23	21.5			1	37	
21.32	21.25	21.34	21.5			1	74	
20.38	20.39	20.42	20.5			36	0	
20.32	20.31	20.38	20.5			36	19	
20.45	20.29	20.30	20.5			36	39	
20.28	20.27	20.38	20.5	75		0		
18.32	18.34	18.41	18.5	256QAM		1	0	
18.35	18.26	18.36	18.5			1	37	
18.39	18.31	18.33	18.5			1	74	
18.31	18.37	18.11	18.5			36	0	
18.17	18.29	17.98	18.5			36	19	
18.26	18.20	18.31	18.5			36	39	
18.15	18.21	18.32	18.5			75	0	

LTE Band 26 Ant 0								
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset	
26740	26865	26990	Channel					
819	831.5	844	Frequency (MHz)					
23.40	23.37	23.36	23.5	QPSK	10 MHz	1	0	
23.21	23.14	23.11	23.5			1	24	
23.07	23.13	23.07	23.5			1	49	
22.37	22.32	22.35	22.5			25	0	
22.29	22.33	22.36	22.5			25	12	
22.20	22.21	22.16	22.5			25	25	
22.37	22.33	22.25	22.5			50	0	
22.11	21.99	21.94	22.5	16QAM		1	0	
21.96	22.29	22.34	22.5			1	24	
22.39	22.35	22.31	22.5			1	49	
21.25	21.39	21.39	21.5			25	0	
21.30	21.22	21.32	21.5			25	12	
21.27	21.15	21.17	21.5			25	25	
21.14	21.17	21.21	21.5			50	0	
21.23	21.23	21.21	21.5	64QAM		1	0	
21.20	21.33	21.23	21.5			1	24	
21.34	21.29	21.39	21.5			1	49	
20.42	20.38	20.38	20.5			25	0	
20.40	20.36	20.36	20.5			25	12	
20.47	20.32	20.35	20.5			25	25	
20.31	20.27	20.34	20.5			50	0	
18.33	18.30	18.41	18.5	256QAM		1	0	
18.40	18.28	18.38	18.5			1	24	
18.36	18.27	18.31	18.5			1	49	
18.31	18.32	18.08	18.5			25	0	
18.19	18.32	18.05	18.5			25	12	
18.22	18.19	18.26	18.5			25	25	
18.25	18.26	18.28	18.5			50	0	



LTE Band 26 Ant 0							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
26715	26865	27015	Channel				
816.5	831.5	846.5	Frequency (MHz)				
23.40	23.40	23.40	23.5	QPSK	5 MHz	1	0
23.22	23.21	23.16	23.5			1	12
23.08	23.19	23.13	23.5			1	24
22.44	22.26	22.36	22.5			12	0
22.32	22.24	22.30	22.5			12	6
22.22	22.13	22.24	22.5			12	13
22.33	22.42	22.26	22.5			25	0
22.02	22.01	21.94	22.5	16QAM		1	0
21.97	22.27	22.40	22.5			1	12
22.39	22.28	22.25	22.5			1	24
21.35	21.42	21.48	21.5			12	0
21.33	21.22	21.32	21.5			12	6
21.32	21.20	21.17	21.5			12	13
21.17	21.19	21.18	21.5			25	0
21.23	21.28	21.17	21.5	64QAM		1	0
21.13	21.34	21.21	21.5			1	12
21.38	21.22	21.36	21.5			1	24
20.39	20.40	20.39	20.5			12	0
20.39	20.30	20.39	20.5			12	6
20.41	20.30	20.38	20.5			12	13
20.28	20.26	20.36	20.5			25	0
18.26	18.30	18.37	18.5	256QAM		1	0
18.36	18.27	18.33	18.5			1	12
18.39	18.36	18.37	18.5			1	24
18.34	18.31	18.07	18.5			12	0
18.22	18.27	18.03	18.5			12	6
18.17	18.19	18.32	18.5			12	13
18.15	18.21	18.20	18.5			25	0

LTE Band 26 Ant 0							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
26705	26865	27025	Channel				
815.5	831.5	847.5	Frequency (MHz)				
23.42	23.33	23.37	23.5	QPSK	3 MHz	1	0
23.22	23.17	23.18	23.5			1	7
23.03	23.18	23.07	23.5			1	14
22.43	22.27	22.37	22.5			8	0
22.29	22.26	22.37	22.5			8	3
22.22	22.15	22.26	22.5			8	7
22.31	22.39	22.22	22.5			15	0
22.07	21.95	21.98	22.5	16QAM		1	0
21.99	22.28	22.42	22.5			1	7
22.38	22.35	22.24	22.5			1	14
21.32	21.37	21.49	21.5			8	0
21.32	21.28	21.33	21.5			8	3
21.33	21.20	21.22	21.5			8	7
21.18	21.23	21.15	21.5			15	0
21.26	21.22	21.18	21.5	64QAM		1	0
21.13	21.30	21.16	21.5			1	7
21.38	21.28	21.39	21.5			1	14
20.44	20.37	20.37	20.5			8	0
20.31	20.33	20.38	20.5			8	3
20.39	20.35	20.31	20.5			8	7
20.29	20.30	20.37	20.5			15	0
18.31	18.27	18.37	18.5	256QAM		1	0
18.34	18.31	18.37	18.5			1	7
18.42	18.33	18.37	18.5			1	14
18.36	18.39	18.10	18.5			8	0
18.16	18.33	18.03	18.5			8	3
18.25	18.28	18.33	18.5			8	7
18.19	18.25	18.36	18.5			15	0

LTE Band 26 Ant 0								
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset	
26697	26865	27033	Channel					
814.7	831.5	848.3	Frequency (MHz)					
23.40	23.31	23.39	23.5	QPSK	1.4 MHz	1	0	
23.18	23.12	23.16	23.5			1	2	
23.06	23.16	23.14	23.5			1	5	
22.43	22.25	22.43	23.5			3	0	
22.27	22.32	22.32	23.5			3	1	
22.17	22.22	22.18	23.5			3	3	
22.36	22.38	22.24	22.5			6	0	
22.02	22.01	21.99	22.5	16QAM		1	0	
21.99	22.32	22.39	22.5			1	2	
22.38	22.25	22.27	22.5			1	5	
21.25	21.35	21.48	22.5			3	0	
21.34	21.27	21.28	22.5			3	1	
21.30	21.16	21.16	22.5			3	3	
21.14	21.16	21.14	21.5			6	0	
21.28	21.22	21.23	21.5	64QAM		1	0	
21.17	21.34	21.15	21.5			1	2	
21.39	21.29	21.30	21.5			1	5	
20.35	20.35	20.41	21.5			3	0	
20.39	20.32	20.39	21.5			3	1	
20.43	20.30	20.36	21.5			3	3	
20.26	20.25	20.31	20.5			6	0	
18.35	18.33	18.39	18.5	256QAM		1	0	
18.37	18.33	18.38	18.5			1	2	
18.35	18.35	18.39	18.5			1	5	
18.32	18.38	18.07	18.5			3	0	
18.22	18.26	18.07	18.5			3	1	
18.25	18.22	18.35	18.5			3	3	
18.16	18.28	18.26	18.5			6	0	

LTE Band 30 Ant 0							
Maximum Average Power (dBm)		Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset	
27710		Channel					
2310		Frequency (MHz)					
	20.46	20.5	QPSK	10 MHz	1	0	
	20.24	20.5			1	24	
	20.18	20.5			1	49	
	19.45	19.5			25	0	
	19.34	19.5			25	12	
	19.28	19.5			25	25	
	19.42	19.5			50	0	
	19.10	19.5	16QAM		1	0	
	18.97	19.5			1	24	
	19.40	19.5			1	49	
	18.42	18.5			25	0	
	18.32	18.5			25	12	
	18.35	18.5			25	25	
	18.28	18.5			50	0	
	18.34	18.5	64QAM		1	0	
	18.17	18.5			1	24	
	18.13	18.5			1	49	
	17.49	17.5			25	0	
	17.36	17.5			25	12	
	17.40	17.5			25	25	
	17.10	17.5			50	0	
	15.14	15.5	256QAM		1	0	
	15.40	15.5			1	24	
	15.42	15.5			1	49	
	15.18	15.5			25	0	
	15.28	15.5			25	12	
	15.33	15.5			25	25	
	15.30	15.5			50	0	

LTE Band 30 Ant 0							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
27685	27710	27735	Channel				
2307.5	2310	2312.5	Frequency (MHz)				
20.36	20.47	20.38	20.5	QPSK	5 MHz	1	0
20.22	20.29	20.22	20.5			1	12
20.24	20.19	20.22	20.5			1	24
19.42	19.43	19.43	19.5			12	0
19.35	19.39	19.32	19.5			12	6
19.29	19.27	19.24	19.5			12	13
19.22	19.40	19.03	19.5			25	0
18.97	19.07	19.08	19.5	16QAM		1	0
19.40	18.95	19.41	19.5			1	12
19.40	19.47	19.32	19.5			1	24
18.27	18.36	18.40	18.5			12	0
18.39	18.30	18.39	18.5			12	6
18.40	18.34	18.30	18.5			12	13
18.17	18.22	18.30	18.5			25	0
18.22	18.29	18.30	18.5	64QAM		1	0
18.16	18.21	18.23	18.5			1	12
18.14	18.23	18.14	18.5			1	24
17.39	17.49	17.42	17.5			12	0
17.37	17.40	17.46	17.5			12	6
17.36	17.46	17.46	17.5			12	13
17.07	17.16	17.15	17.5			25	0
15.27	15.19	15.42	15.5	256QAM		1	0
15.17	15.42	15.33	15.5			1	12
15.44	15.39	15.36	15.5			1	24
15.17	15.21	15.16	15.5			12	0
15.36	15.25	15.16	15.5			12	6
15.42	15.30	15.37	15.5			12	13
15.30	15.27	15.25	15.5			25	0

LTE Band 38 Ant 0							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
37850	38000	38150	Channel				
2580	2595	2610	Frequency (MHz)				
20.37	20.44	20.39	20.5	QPSK	20 MHz	1	0
20.19	20.28	20.23	20.5			1	49
20.23	20.21	20.17	20.5			1	99
19.40	19.48	19.36	19.5			50	0
19.33	19.37	19.33	19.5			50	25
19.23	19.36	19.29	19.5			50	50
19.22	19.40	19.36	19.5			100	0
18.99	19.03	19.06	19.5	16QAM		1	0
19.39	19.02	19.44	19.5			1	49
19.44	19.47	19.39	19.5			1	99
18.36	18.37	18.47	18.5			50	0
18.39	18.37	18.35	18.5			50	25
18.36	18.29	18.29	18.5			50	50
18.20	18.27	18.24	18.5			100	0
18.16	18.29	18.29	18.5	64QAM		1	0
18.12	18.13	18.20	18.5			1	49
18.11	18.14	18.16	18.5			1	99
17.36	17.40	17.45	17.5			50	0
17.42	17.39	17.42	17.5			50	25
17.41	17.47	17.37	17.5			50	50
17.10	17.13	17.17	17.5			100	0
15.31	15.18	15.41	15.5	256QAM		1	0
15.14	15.45	15.33	15.5			1	49
15.36	15.42	15.44	15.5			1	99
15.20	15.21	15.21	15.5			50	0
15.28	15.31	15.10	15.5			50	25
15.40	15.33	15.31	15.5			50	50
15.40	15.26	15.31	15.5			100	0

LTE Band 38 Ant 0							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
37825	38000	38175	Channel				
2577.5	2595	2612.5	Frequency (MHz)				
20.34	20.41	20.38	20.5	QPSK	15 MHz	1	0
20.23	20.22	20.19	20.5			1	37
20.23	20.22	20.22	20.5			1	74
19.33	19.28	19.33	19.5			36	0
19.37	19.35	19.29	19.5			36	19
19.30	19.32	19.23	19.5			36	39
19.23	19.36	18.97	19.5			75	0
18.96	19.02	19.09	19.5	16QAM		1	0
19.37	18.99	19.38	19.5			1	37
19.43	19.47	19.31	19.5			1	74
18.31	18.34	18.47	18.5			36	0
18.34	18.34	18.34	18.5			36	19
18.40	18.36	18.24	18.5			36	39
18.22	18.28	18.26	18.5			75	0
18.20	18.25	18.35	18.5	64QAM		1	0
18.21	18.15	18.21	18.5			1	37
18.19	18.20	18.17	18.5			1	74
17.35	17.45	17.41	17.5			36	0
17.36	17.44	17.45	17.5			36	19
17.35	17.46	17.47	17.5			36	39
17.14	17.13	17.09	17.5			75	0
15.27	15.16	15.36	15.5	256QAM		1	0
15.10	15.42	15.43	15.5			1	37
15.38	15.40	15.35	15.5			1	74
15.16	15.25	15.11	15.5			36	0
15.32	15.29	15.13	15.5			36	19
15.37	15.33	15.29	15.5			36	39
15.39	15.28	15.23	15.5			75	0

LTE Band 38 Ant 0							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
37800	38000	38200	Channel				
2575	2595	2615	Frequency (MHz)				
20.31	20.39	20.38	20.5	QPSK	10 MHz	1	0
20.19	20.22	20.21	20.5			1	24
20.27	20.18	20.17	20.5			1	49
19.37	19.45	19.38	19.5			25	0
19.31	19.34	19.36	19.5			25	12
19.33	19.30	19.25	19.5			25	25
19.25	19.38	18.99	19.5			50	0
18.97	19.02	19.09	19.5	16QAM		1	0
19.45	19.02	19.44	19.5			1	24
19.37	19.43	19.33	19.5			1	49
18.29	18.37	18.46	18.5			25	0
18.40	18.36	18.36	18.5			25	12
18.35	18.37	18.29	18.5			25	25
18.20	18.25	18.26	18.5			50	0
18.18	18.26	18.32	18.5	64QAM		1	0
18.13	18.14	18.19	18.5			1	24
18.16	18.23	18.19	18.5			1	49
17.38	17.47	17.38	17.5			25	0
17.37	17.35	17.46	17.5			25	12
17.41	17.41	17.47	17.5			25	25
17.10	17.13	17.15	17.5			50	0
15.27	15.11	15.34	15.5	256QAM		1	0
15.17	15.42	15.41	15.5			1	24
15.44	15.43	15.34	15.5			1	49
15.20	15.20	15.13	15.5			25	0
15.35	15.29	15.07	15.5			25	12
15.40	15.28	15.38	15.5			25	25
15.40	15.35	15.31	15.5			50	0



LTE Band 38 Ant 0							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
37775	38000	38225	Channel				
2572.5	2595	2617.5	Frequency (MHz)				
20.40	20.45	20.38	20.5	QPSK	5 MHz	1	0
20.26	20.28	20.14	20.5			1	12
20.32	20.20	20.16	20.5			1	24
19.33	19.48	19.35	19.5			12	0
19.32	19.39	19.30	19.5			12	6
19.28	19.29	19.25	19.5			12	13
19.22	19.37	18.97	19.5			25	0
19.02	19.05	19.01	19.5	16QAM		1	0
19.45	18.97	19.44	19.5			1	12
19.38	19.44	19.30	19.5			1	24
18.28	18.37	18.49	18.5			12	0
18.32	18.40	18.38	18.5			12	6
18.30	18.28	18.24	18.5			12	13
18.20	18.21	18.20	18.5			25	0
18.23	18.32	18.30	18.5	64QAM		1	0
18.15	18.15	18.17	18.5			1	12
18.18	18.17	18.16	18.5			1	24
17.40	17.46	17.39	17.5			12	0
17.37	17.42	17.44	17.5			12	6
17.42	17.43	17.40	17.5			12	13
17.08	17.13	17.18	17.5			25	0
15.24	15.12	15.41	15.5	256QAM		1	0
15.10	15.45	15.34	15.5			1	12
15.39	15.41	15.28	15.5			1	24
15.17	15.19	15.07	15.5			12	0
15.30	15.30	15.08	15.5			12	6
15.40	15.29	15.31	15.5			12	13
15.35	15.35	15.29	15.5			25	0

LTE Band 40 Ant 0							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
38750	39150	39550	Channel				
2310	2350	2390	Frequency (MHz)				
22.45	22.42	22.44	22.5	QPSK	20 MHz	1	0
22.12	22.16	22.19	22.5			1	49
22.14	22.05	22.11	22.5			1	99
21.46	21.47	21.45	21.5			50	0
21.33	21.34	21.32	21.5			50	25
21.19	21.27	21.32	21.5			50	50
21.42	21.45	21.20	21.5			100	0
21.02	21.02	21.26	21.5	16QAM		1	0
21.40	21.01	21.31	21.5			1	49
21.23	21.37	21.28	21.5			1	99
20.45	20.32	20.38	20.5			50	0
20.30	20.30	20.29	20.5			50	25
20.23	20.33	20.36	20.5			50	50
20.15	20.17	20.31	20.5			100	0
20.20	20.31	20.29	20.5	64QAM		1	0
20.22	20.18	20.45	20.5			1	49
20.39	20.36	20.34	20.5			1	99
19.41	19.37	19.33	19.5			50	0
19.36	19.33	19.33	19.5			50	25
19.33	19.41	19.41	19.5			50	50
19.37	19.33	19.38	19.5			100	0
17.37	17.34	17.35	17.5	256QAM		1	0
17.34	17.42	17.32	17.5			1	49
17.34	17.36	17.38	17.5			1	99
17.11	17.30	17.44	17.5			50	0
17.13	17.18	17.35	17.5			50	25
17.33	17.20	17.20	17.5			50	50
17.25	17.16	17.36	17.5			100	0

LTE Band 40 Ant 0							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
38725	39150	39575	Channel				
2307.5	2350	2392.5	Frequency (MHz)				
22.39	22.34	22.44	22.5	QPSK	15 MHz	1	0
22.04	22.10	22.10	22.5			1	37
22.11	21.97	22.08	22.5			1	74
21.43	21.39	21.43	21.5			36	0
21.31	21.32	21.22	21.5			36	19
21.13	21.19	21.28	21.5			36	39
21.41	21.39	21.14	21.5			75	0
20.99	20.99	21.17	21.5	16QAM		1	0
21.32	20.94	21.27	21.5			1	37
21.17	21.33	21.28	21.5			1	74
20.38	20.32	20.34	20.5			36	0
20.27	20.28	20.27	20.5			36	19
20.16	20.23	20.26	20.5			36	39
20.15	20.14	20.31	20.5			75	0
20.27	20.29	20.26	20.5	64QAM		1	0
20.31	20.42	20.31	20.5			1	37
20.34	20.31	20.34	20.5			1	74
19.07	19.20	19.36	19.5			36	0
19.04	19.17	19.30	19.5			36	19
19.29	19.14	19.15	19.5			36	39
19.17	19.12	19.28	19.5			75	0
17.32	17.33	17.38	17.5	256QAM		1	0
17.14	17.09	17.07	17.5			1	37
17.33	17.31	17.41	17.5			1	74
16.94	17.03	17.18	17.5			36	0
16.97	16.91	16.97	17.5			36	19
17.35	17.34	17.44	17.5			36	39
17.25	17.17	17.20	17.5			75	0

LTE Band 40 Ant 0							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
38700	39150	39600	Channel				
2305	2350	2395	Frequency (MHz)				
22.43	22.39	22.40	22.5	QPSK	10 MHz	1	0
22.19	22.15	22.14	22.5			1	24
22.03	22.09	22.09	22.5			1	49
21.41	21.29	21.38	21.5			25	0
21.35	21.31	21.33	21.5			25	12
21.20	21.12	21.16	21.5			25	25
21.38	21.39	21.25	21.5			50	0
21.04	21.02	20.96	21.5	16QAM		1	0
20.93	21.36	21.40	21.5			1	24
21.36	21.26	21.32	21.5			1	49
20.34	20.43	20.43	20.5			25	0
20.36	20.29	20.32	20.5			25	12
20.28	20.20	20.15	20.5			25	25
20.20	20.25	20.14	20.5			50	0
20.27	20.22	20.27	20.5	64QAM		1	0
20.14	20.34	20.24	20.5			1	24
20.39	20.22	20.35	20.5			1	49
19.43	19.43	19.42	19.5			25	0
19.30	19.35	19.41	19.5			25	12
19.46	19.36	19.38	19.5			25	25
19.33	19.33	19.35	19.5			50	0
17.30	17.32	17.40	17.5	256QAM		1	0
17.38	17.30	17.28	17.5			1	24
17.37	17.32	17.30	17.5			1	49
17.38	17.39	17.14	17.5			25	0
17.17	17.33	17.02	17.5			25	12
17.17	17.22	17.37	17.5			25	25
17.18	17.24	17.30	17.5			50	0

LTE Band 40 Ant 0							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
38725	38750	38775	Channel				
2307.5	2310	2312.5	Frequency (MHz)				
22.45	22.39	22.44	22.5	QPSK	5 MHz	1	0
22.21	22.16	22.18	22.5			1	12
22.07	22.12	22.11	22.5			1	24
21.42	21.34	21.33	21.5			12	0
21.33	21.34	21.30	21.5			12	6
21.24	21.21	21.20	21.5			12	13
21.30	21.37	21.23	21.5			25	0
21.04	21.05	20.93	21.5	16QAM		1	0
20.96	21.36	21.40	21.5			1	12
21.39	21.29	21.26	21.5			1	24
20.27	20.41	20.39	20.5			12	0
20.27	20.26	20.25	20.5			12	6
20.35	20.17	20.21	20.5			12	13
20.15	20.19	20.13	20.5			25	0
20.30	20.27	20.22	20.5	64QAM		1	0
20.20	20.39	20.24	20.5			1	12
20.36	20.29	20.31	20.5			1	24
19.43	19.35	19.40	19.5			12	0
19.33	19.32	19.38	19.5			12	6
19.45	19.36	19.34	19.5			12	13
19.27	19.26	19.29	19.5			25	0
17.26	17.34	17.35	17.5	256QAM		1	0
17.33	17.30	17.29	17.5			1	12
17.39	17.32	17.36	17.5			1	24
17.38	17.34	17.10	17.5			12	0
17.17	17.32	17.04	17.5			12	6
17.21	17.24	17.25	17.5			12	13
17.21	17.27	17.28	17.5			25	0

LTE Band 41 Ant 0										
Maximum Average Power (dBm)					Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset	
39750	40185	40620	41055	41490	Channel					
2506	2549.5	2593	2636.5	2680	Frequency (MHz)					
20.38	20.36	20.46	20.40	20.44	20.5	QPSK	20 MHz	1	0	
20.23	20.19	20.25	20.21	20.20	20.5			1	49	
20.29	20.26	20.13	20.19	20.14	20.5			1	99	
19.36	19.37	19.48	19.35	19.43	19.5			50	0	
19.36	19.29	19.36	19.34	19.38	19.5			50	25	
19.23	19.24	19.27	19.22	19.26	19.5			50	50	
19.31	19.30	19.47	18.99	19.01	19.5			100	0	
18.98	18.93	19.11	19.05	19.02	19.5	16QAM		1	0	
19.36	19.44	19.02	19.36	19.44	19.5			1	49	
19.40	19.46	19.42	19.35	19.32	19.5			1	99	
18.32	18.31	18.35	18.43	18.49	18.5			50	0	
18.32	18.39	18.36	18.32	18.35	18.5			50	25	
18.37	18.35	18.35	18.22	18.23	18.5			50	50	
18.27	18.19	18.20	18.26	18.21	18.5			100	0	
18.16	18.21	18.31	18.29	18.27	18.5	64QAM		1	0	
18.21	18.12	18.20	18.19	18.24	18.5			1	49	
18.18	18.14	18.19	18.11	18.19	18.5			1	99	
17.34	17.32	17.45	17.44	17.46	17.5			50	0	
17.44	17.34	17.40	17.39	17.42	17.5			50	25	
17.41	17.41	17.49	17.37	17.39	17.5			50	50	
17.05	17.04	17.16	17.13	17.18	17.5		100	0		
15.24	15.32	15.16	15.36	15.42	15.5	256QAM	1	0		
15.13	15.18	15.43	15.34	15.38	15.5		1	49		
15.40	15.38	15.43	15.36	15.39	15.5		1	99		
15.26	15.24	15.18	15.19	15.10	15.5		50	0		
15.33	15.29	15.24	15.14	15.14	15.5		50	25		
15.39	15.41	15.26	15.28	15.36	15.5		50	50		
15.32	15.35	15.25	15.29	15.35	15.5		100	0		

LTE Band 41 Ant 0									
Maximum Average Power (dBm)					Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
39725	40173	40620	41068	41515	Channel				
2503.5	2548.3	2593	2637.8	2682.5	Frequency (MHz)				
20.32	20.44	20.31	20.38	20.38	20.5	QPSK	15 MHz	1	0
20.21	20.27	20.20	20.28	20.19	20.5			1	37
20.32	20.22	20.22	20.20	20.17	20.5			1	74
19.38	19.43	19.40	19.46	19.39	19.5			36	0
19.38	19.31	19.30	19.37	19.37	19.5			36	19
19.31	19.35	19.32	19.31	19.19	19.5			36	39
19.27	19.43	19.26	19.43	19.04	19.5			75	0
19.01	19.09	18.98	19.08	18.99	19.5	1		0	
19.36	19.02	19.42	19.00	19.38	19.5	1		37	
19.39	19.44	19.44	19.43	19.35	19.5	1		74	
18.35	18.38	18.27	18.42	18.40	18.5	36		0	
18.40	18.37	18.40	18.31	18.42	18.5	36		19	
18.37	18.34	18.34	18.30	18.24	18.5	36		39	
18.23	18.25	18.21	18.19	18.29	18.5	75		0	
18.20	18.29	18.15	18.30	18.34	18.5	1		0	
18.18	18.20	18.16	18.16	18.25	18.5	1		37	
18.13	18.14	18.12	18.16	18.20	18.5	1		74	
17.31	17.40	17.39	17.42	17.45	17.5	36		0	
17.44	17.34	17.41	17.38	17.41	17.5	36		19	
17.41	17.40	17.36	17.42	17.38	17.5	36		39	
17.14	17.15	17.11	17.14	17.12	17.5	75		0	
15.25	15.21	15.28	15.16	15.34	15.5	1		0	
15.18	15.42	15.18	15.46	15.39	15.5	1		37	
15.38	15.46	15.35	15.42	15.32	15.5	1		74	
15.24	15.22	15.24	15.18	15.19	15.5	36		0	
15.30	15.29	15.36	15.26	15.12	15.5	36		19	
15.44	15.28	15.37	15.35	15.30	15.5	36		39	
15.40	15.35	15.38	15.32	15.36	15.5	75		0	

LTE Band 41 Ant 0										
Maximum Average Power (dBm)					Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset	
39700	40160	40620	41080	41540	Channel					
2501	2547	2593	2639	2685	Frequency (MHz)					
20.36	20.40	20.36	20.41	20.35	20.5	QPSK	10 MHz	1	0	
20.23	20.31	20.23	20.21	20.17	20.5			1	24	
20.30	20.20	20.22	20.22	20.14	20.5			1	49	
19.36	19.38	19.37	19.41	19.36	19.5			25	0	
19.33	19.36	19.38	19.37	19.39	19.5			25	12	
19.29	19.32	19.30	19.30	19.29	19.5			25	25	
19.26	19.44	19.26	19.44	19.00	19.5			50	0	
18.95	19.02	18.97	19.08	19.04	19.5	1		0		
19.36	19.02	19.40	19.01	19.43	19.5	1		24		
19.38	19.44	19.43	19.47	19.34	19.5	1		49		
18.35	18.42	18.36	18.43	18.42	18.5	25		0		
18.38	18.33	18.37	18.32	18.36	18.5	25		12		
18.33	18.36	18.37	18.32	18.26	18.5	25		25		
18.26	18.27	18.19	18.22	18.26	18.5	50		0		
18.19	18.25	18.16	18.32	18.28	18.5	1		0		
18.19	18.20	18.18	18.22	18.25	18.5	1		24		
18.11	18.20	18.14	18.17	18.11	18.5	1		49		
17.39	17.39	17.41	17.48	17.47	17.5	25		0		
17.34	17.40	17.44	17.43	17.46	17.5	25		12		
17.36	17.44	17.41	17.41	17.46	17.5	25		25		
17.06	17.09	17.13	17.08	17.10	17.5	50		0		
15.27	15.13	15.26	15.15	15.34	15.5	1		0		
15.14	15.49	15.18	15.46	15.38	15.5	1		24		
15.44	15.39	15.41	15.44	15.28	15.5	1		49		
15.26	15.28	15.20	15.25	15.14	15.5	25		0		
15.29	15.24	15.34	15.23	15.08	15.5	25		12		
15.36	15.28	15.38	15.33	15.28	15.5	25		25		
15.34	15.25	15.31	15.25	15.29	15.5	50		0		



LTE Band 41 Ant 0									
Maximum Average Power (dBm)					Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
39675	40148	40620	41093	41565	Channel				
2498.5	2545.8	2593	2640.3	2687.5	Frequency (MHz)				
20.39	20.46	20.41	20.40	20.42	20.5	QPSK	5 MHz	1	0
20.21	20.27	20.20	20.26	20.14	20.5			1	12
20.25	20.13	20.24	20.22	20.19	20.5			1	24
19.41	19.48	19.42	19.48	19.40	19.5			12	0
19.30	19.38	19.28	19.31	19.38	19.5			12	6
19.23	19.32	19.29	19.36	19.22	19.5			12	13
19.21	19.39	19.25	19.43	19.04	19.5			25	0
18.95	19.05	18.99	19.11	19.03	19.5	1		0	
19.37	19.01	19.44	18.98	19.39	19.5	1		12	
19.46	19.40	19.42	19.41	19.32	19.5	1		24	
18.34	18.41	18.32	18.36	18.39	18.5	12		0	
18.40	18.39	18.32	18.34	18.32	18.5	12		6	
18.37	18.27	18.38	18.28	18.32	18.5	12		13	
18.25	18.19	18.21	18.23	18.23	18.5	25		0	
18.16	18.28	18.15	18.34	18.27	18.5	1		0	
18.18	18.16	18.15	18.21	18.20	18.5	1		12	
18.16	18.21	18.15	18.23	18.10	18.5	1		24	
17.35	17.40	17.31	17.44	17.46	17.5	12		0	
17.41	17.36	17.39	17.37	17.38	17.5	12		6	
17.33	17.43	17.37	17.41	17.46	17.5	12		13	
17.05	17.07	17.07	17.11	17.14	17.5	25	0		
15.29	15.16	15.25	15.13	15.35	15.5	1	0		
15.19	15.40	15.20	15.40	15.42	15.5	1	12		
15.40	15.40	15.41	15.44	15.32	15.5	1	24		
15.26	15.27	15.16	15.23	15.06	15.5	12	0		
15.27	15.29	15.29	15.30	15.11	15.5	12	6		
15.37	15.28	15.42	15.25	15.40	15.5	12	13		
15.34	15.32	15.37	15.32	15.28	15.5	25	0		

LTE Band 66 Ant 0							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
132072	132322	132572	Channel				
1720	1745	1770	Frequency (MHz)				
21.41	21.48	21.45	21.5	QPSK	20 MHz	1	0
21.29	21.31	21.23	21.5			1	49
21.32	21.22	21.23	21.5			1	99
20.42	20.48	20.43	20.5			50	0
20.38	20.41	20.39	20.5			50	25
20.33	20.36	20.29	20.5			50	50
20.31	20.47	20.05	20.5			100	0
20.03	20.11	20.09	20.5	16QAM		1	0
20.46	20.04	20.46	20.5			1	49
20.47	20.48	20.40	20.5			1	99
19.36	19.44	19.49	19.5			50	0
19.40	19.40	19.42	19.5			50	25
19.40	19.37	19.32	19.5			50	50
19.27	19.29	19.30	19.5			100	0
19.24	19.35	19.36	19.5	64QAM		1	0
19.22	19.23	19.25	19.5			1	49
19.21	19.23	19.20	19.5			1	99
18.41	18.49	18.47	18.5			50	0
18.44	18.44	18.48	18.5			50	25
18.43	18.49	18.47	18.5			50	50
18.14	18.17	18.19	18.5			100	0
16.32	16.21	16.42	16.5	256QAM		1	0
16.20	16.49	16.43	16.5			1	49
16.44	16.49	16.42	16.5			1	99
16.26	16.28	16.47	16.5			50	0
16.37	16.31	16.40	16.5			50	25
16.46	16.35	16.46	16.5			50	50
16.40	16.35	16.44	16.5			100	0

LTE Band 66 Ant 0							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
132047	132322	132597	Channel				
1717.5	1745	1772.5	Frequency (MHz)				
21.39	21.42	21.35	21.5	QPSK	15 MHz	1	0
21.29	21.26	21.21	21.5			1	37
21.27	21.18	21.21	21.5			1	74
20.38	20.42	20.43	20.5			36	0
20.36	20.31	20.32	20.5			36	19
20.30	20.26	20.28	20.5			36	39
20.24	20.38	19.97	20.5			75	0
19.94	20.05	20.01	20.5	16QAM		1	0
20.41	20.04	20.41	20.5			1	37
20.46	20.41	20.35	20.5			1	74
19.29	19.34	19.41	19.5			36	0
19.30	19.34	19.34	19.5			36	19
19.40	19.37	19.28	19.5			36	39
19.23	19.24	19.27	19.5			75	0
19.18	19.32	19.30	19.5	64QAM		1	0
19.22	19.15	19.15	19.5			1	37
19.16	19.17	19.10	19.5			1	74
18.41	18.44	18.43	18.5			36	0
18.44	18.44	18.42	18.5			36	19
18.42	18.39	18.46	18.5			36	39
18.13	18.15	18.13	18.5			75	0
16.27	16.21	16.40	16.5	256QAM		1	0
16.20	16.48	16.34	16.5			1	37
16.40	16.39	16.35	16.5			1	74
16.17	16.23	16.19	16.5			36	0
16.34	16.25	16.20	16.5			36	19
16.37	16.33	16.35	16.5			36	39
16.40	16.32	16.26	16.5			75	0

LTE Band 66 Ant 0							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
132022	132322	132622	Channel				
1715	1745	1775	Frequency (MHz)				
21.31	21.43	21.40	21.5	QPSK	10 MHz	1	0
21.29	21.28	21.17	21.5			1	24
21.27	21.17	21.17	21.5			1	49
20.32	20.41	20.39	20.5			25	0
20.36	20.41	20.35	20.5			25	12
20.26	20.35	20.22	20.5			25	25
20.29	20.43	20.04	20.5			50	0
19.99	20.06	20.07	20.5	16QAM		1	0
20.46	19.96	20.43	20.5			1	24
20.45	20.48	20.35	20.5			1	49
19.26	19.34	19.40	19.5			25	0
19.32	19.32	19.34	19.5			25	12
19.31	19.34	19.24	19.5			25	25
19.18	19.24	19.23	19.5			50	0
19.16	19.29	19.27	19.5	64QAM		1	0
19.17	19.14	19.21	19.5			1	24
19.13	19.17	19.15	19.5			1	49
18.37	18.39	18.42	18.5			25	0
18.34	18.35	18.40	18.5			25	12
18.35	18.41	18.47	18.5			25	25
18.08	18.07	18.18	18.5			50	0
16.23	16.20	16.41	16.5	256QAM		1	0
16.17	16.48	16.43	16.5			1	24
16.34	16.43	16.37	16.5			1	49
16.25	16.18	16.12	16.5			25	0
16.30	16.30	16.09	16.5			25	12
16.40	16.33	16.30	16.5			25	25
16.38	16.32	16.32	16.5			50	0

LTE Band 66 Ant 0							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
131997	132322	132647	Channel				
1712.5	1745	1777.5	Frequency (MHz)				
21.32	21.39	21.43	21.5	QPSK	5 MHz	1	0
21.24	21.29	21.22	21.5			1	12
21.25	21.22	21.16	21.5			1	24
20.39	20.39	20.43	20.5			12	0
20.28	20.37	20.33	20.5			12	6
20.31	20.33	20.26	20.5			12	13
20.23	20.37	20.05	20.5			25	0
19.99	20.07	20.06	20.5	16QAM		1	0
20.44	20.03	20.43	20.5			1	12
20.47	20.43	20.36	20.5			1	24
19.28	19.34	19.44	19.5			12	0
19.31	19.40	19.37	19.5			12	6
19.38	19.33	19.26	19.5			12	13
19.24	19.21	19.28	19.5			25	0
19.18	19.29	19.34	19.5	64QAM		1	0
19.19	19.13	19.21	19.5			1	12
19.20	19.19	19.11	19.5			1	24
18.35	18.43	18.45	18.5			12	0
18.39	18.35	18.48	18.5			12	6
18.37	18.48	18.47	18.5			12	13
18.11	18.13	18.09	18.5			25	0
16.24	16.18	16.37	16.5	256QAM		1	0
16.20	16.45	16.37	16.5			1	12
16.35	16.47	16.34	16.5			1	24
16.22	16.22	16.17	16.5			12	0
16.30	16.30	16.12	16.5			12	6
16.43	16.28	16.36	16.5			12	13
16.37	16.31	16.31	16.5			25	0

LTE Band 66 Ant 0							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
131987	132322	132657	Channel				
1711.5	1745	1778.5	Frequency (MHz)				
21.40	21.46	21.42	21.5	QPSK	3 MHz	1	0
21.22	21.23	21.17	21.5			1	7
21.23	21.12	21.16	21.5			1	14
20.33	20.47	20.39	20.5			8	0
20.38	20.39	20.29	20.5			8	3
20.26	20.26	20.23	20.5			8	7
20.30	20.38	20.05	20.5			15	0
20.02	20.11	20.00	20.5	16QAM		1	0
20.38	20.01	20.42	20.5			1	7
20.42	20.40	20.40	20.5			1	14
19.36	19.38	19.42	19.5			8	0
19.33	19.35	19.35	19.5			8	3
19.39	19.33	19.31	19.5			8	7
19.24	19.24	19.21	19.5			15	0
19.24	19.27	19.28	19.5	64QAM		1	0
19.17	19.14	19.20	19.5			1	7
19.21	19.20	19.18	19.5			1	14
18.37	18.46	18.45	18.5			8	0
18.43	18.35	18.39	18.5			8	3
18.37	18.49	18.39	18.5			8	7
18.09	18.07	18.15	18.5			15	0
16.32	16.17	16.42	16.5	256QAM		1	0
16.11	16.43	16.36	16.5			1	7
16.38	16.40	16.36	16.5			1	14
16.16	16.23	16.10	16.5			8	0
16.30	16.24	16.13	16.5			8	3
16.44	16.34	16.39	16.5			8	7
16.36	16.35	16.19	16.5			15	0

LTE Band 66 Ant 0								
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset	
131979	132322	132665	Channel					
1710.7	1745	1779.3	Frequency (MHz)					
21.37	21.48	21.45	21.5	QPSK	1.4 MHz	1	0	
21.23	21.28	21.23	21.5			1	2	
21.28	21.13	21.17	21.5			1	5	
20.39	20.39	20.36	21.5			3	0	
20.29	20.41	20.36	21.5			3	1	
20.28	20.35	20.23	21.5			3	3	
20.26	20.40	20.01	20.5			6	0	
20.02	20.03	20.01	20.5	16QAM		1	0	
20.44	19.98	20.40	20.5			1	2	
20.39	20.38	20.35	20.5			1	5	
19.32	19.39	19.49	20.5			3	0	
19.37	19.38	19.39	20.5			3	1	
19.35	19.33	19.24	20.5			3	3	
19.26	19.23	19.30	19.5			6	0	
19.19	19.25	19.33	19.5	64QAM		1	0	
19.21	19.18	19.19	19.5			1	2	
19.12	19.17	19.12	19.5			1	5	
18.33	18.39	18.43	19.5			3	0	
18.39	18.42	18.40	19.5			3	1	
18.33	18.43	18.42	19.5			3	3	
18.11	18.08	18.13	18.5			6	0	
16.31	16.21	16.40	16.5	256QAM		1	0	
16.13	16.42	16.39	16.5			1	2	
16.41	16.40	16.39	16.5			1	5	
16.18	16.24	16.20	16.5			3	0	
16.28	16.23	16.13	16.5			3	1	
16.42	16.28	16.28	16.5			3	3	
16.38	16.26	16.28	16.5			6	0	

LTE Band 71 Ant 0							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
133222	133322	133372	Channel				
673	683	688	Frequency (MHz)				
23.27	23.28	23.22	24	QPSK	20 MHz	1	0
23.12	23.11	23.16	24			1	49
23.08	23.02	23.02	24			1	99
22.93	22.87	22.80	23			50	0
22.88	22.85	22.76	23			50	25
22.83	22.81	22.68	23			50	50
22.14	22.32	22.03	23			100	0
22.52	22.59	22.17	23	16QAM		1	0
22.48	22.44	22.57	23			1	49
22.36	22.32	22.45	23			1	99
21.97	21.99	21.96	22			50	0
21.96	21.94	21.88	22			50	25
21.79	21.86	21.84	22			50	50
21.21	21.01	20.95	22			100	0
21.82	21.73	21.75	22	64QAM		1	0
21.73	21.69	21.66	22			1	49
21.62	21.68	21.64	22			1	99
20.90	20.88	20.97	21			50	0
20.83	20.77	20.80	21			50	25
20.74	20.73	20.71	21			50	50
20.49	20.35	20.38	21			100	0
18.67	18.76	18.74	19	256QAM		1	0
18.85	18.54	18.58	19			1	49
18.63	18.68	18.54	19			1	99
18.74	18.88	18.50	19			50	0
18.96	18.96	18.84	19			50	25
18.83	18.61	18.68	19			50	50
18.71	18.96	18.69	19			100	0



LTE Band 71 Ant 0							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
133197	133297	133397	Channel				
670.5	680.5	690.5	Frequency (MHz)				
23.22	23.17	23.19	24	QPSK	15 MHz	1	0
22.98	23.04	22.96	24			1	37
22.87	22.95	22.93	24			1	74
22.93	22.98	22.90	23			36	0
22.99	22.94	22.86	23			36	19
22.87	22.86	22.81	23			36	39
22.71	22.02	22.12	23			75	0
22.45	22.35	22.32	23	16QAM		1	0
22.37	22.21	22.27	23			1	37
22.34	22.16	22.16	23			1	74
21.91	21.83	21.90	22			36	0
21.87	21.92	21.97	22			36	19
21.81	21.87	21.91	22			36	39
21.20	21.09	21.02	22			75	0
21.76	21.71	21.78	22	64QAM		1	0
21.65	21.69	21.75	22			1	37
21.64	21.69	21.63	22			1	74
20.87	20.84	20.92	21			36	0
20.82	20.72	20.84	21			36	19
20.69	20.77	20.75	21			36	39
20.48	20.40	20.47	21			75	0
18.87	18.55	18.80	19	256QAM		1	0
18.96	18.78	18.85	19			1	37
18.82	18.93	18.96	19			1	74
18.61	18.73	18.62	19			36	0
18.85	18.70	18.87	19			36	19
18.84	18.97	18.82	19			36	39
18.61	18.61	18.66	19			75	0

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

LTE Band 71 Ant 0							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
133147	133247	133447	Channel				
665.5	675.5	695.5	Frequency (MHz)				
23.23	23.18	23.19	24	QPSK	5 MHz	1	0
23.17	23.13	23.14	24			1	12
23.08	23.07	23.11	24			1	24
22.76	22.85	22.84	23			12	0
22.69	22.81	22.78	23			12	6
22.68	22.75	22.71	23			12	13
21.87	22.15	22.24	23			25	0
22.55	22.51	22.53	23	16QAM		1	0
22.46	22.44	22.47	23			1	12
22.41	22.42	22.41	23			1	24
21.98	21.99	21.95	22			12	0
21.93	21.88	21.94	22			12	6
21.84	21.85	21.85	22			12	13
21.28	21.13	21.19	22			25	0
21.82	21.76	21.73	22	64QAM		1	0
21.64	21.62	21.72	22			1	12
21.61	21.65	21.64	22			1	24
20.87	20.91	20.92	21			12	0
20.85	20.80	20.85	21			12	6
20.72	20.74	20.71	21			12	13
20.47	20.39	20.43	21			25	0
18.79	18.51	18.98	19	256QAM		1	0
18.83	18.72	18.90	19			1	12
18.61	18.82	18.83	19			1	24
18.89	18.52	18.78	19			12	0
18.77	18.70	18.87	19			12	6
18.96	18.67	18.61	19			12	13
18.81	18.60	18.61	19			25	0

LTE Band 2 Ant 1							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
18700	18900	19100	Channel				
1860	1880	1900	Frequency (MHz)				
21.32	21.41	21.37	21.5	QPSK	20MHz	1	0
21.22	21.24	21.23	21.5			1	49
21.31	21.20	21.19	21.5			1	99
20.35	20.38	20.36	20.5			50	0
20.30	20.36	20.38	20.5			50	25
20.23	20.29	20.21	20.5			50	50
20.22	20.22	20.04	20.5			100	0
20.00	20.11	20.03	20.5	16QAM		1	0
20.36	20.03	20.38	20.5			1	49
20.42	20.42	20.34	20.5			1	99
19.34	19.41	19.46	19.5			50	0
19.33	19.30	19.38	19.5			50	25
19.39	19.34	19.25	19.5			50	50
19.21	19.20	19.22	19.5	64QAM		100	0
19.15	19.31	19.31	19.5			1	0
19.22	19.22	19.16	19.5			1	49
19.16	19.20	19.12	19.5			1	99
18.33	18.49	18.40	18.5			50	0
18.35	18.38	18.43	18.5			50	25
18.40	18.46	18.47	18.5	50		50	
18.05	18.07	18.16	18.5	256QAM		100	0
16.26	16.16	16.42	16.5			1	0
16.20	16.42	16.42	16.5			1	49
16.39	16.45	16.29	16.5			1	99
16.25	16.26	16.13	16.5			50	0
16.30	16.25	16.10	16.5			50	25
16.36	16.28	16.35	16.5			50	50
16.33	16.30	16.30	16.5	100		0	

LTE Band 2 Ant 1							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
18675	18900	19125	Channel				
1857.5	1880	1902.5	Frequency (MHz)				
21.33	21.38	21.40	21.5	QPSK	15MHz	1	0
21.19	21.24	21.23	21.5			1	37
21.30	21.14	21.18	21.5			1	74
20.41	20.44	20.42	20.5			36	0
20.28	20.39	20.31	20.5			36	19
20.26	20.28	20.28	20.5			36	39
20.23	20.24	20.00	20.5			75	0
20.01	20.07	20.05	20.5	16QAM		1	0
20.39	19.99	20.42	20.5			1	37
20.40	20.38	20.32	20.5			1	74
19.34	19.39	19.46	19.5			36	0
19.35	19.36	19.36	19.5			36	19
19.30	19.34	19.30	19.5			36	39
19.19	19.21	19.25	19.5			75	0
19.17	19.34	19.36	19.5	64QAM		1	0
19.21	19.21	19.22	19.5			1	37
19.14	19.22	19.17	19.5			1	74
18.37	18.44	18.41	18.5			36	0
18.34	18.41	18.48	18.5			36	19
18.42	18.42	18.46	18.5			36	39
18.11	18.09	18.15	18.5			75	0
16.23	16.12	16.34	16.5	256QAM		1	0
16.15	16.46	16.41	16.5			1	37
16.42	16.42	16.38	16.5			1	74
16.16	16.22	16.23	16.5			36	0
16.31	16.30	16.18	16.5			36	19
16.41	16.33	16.36	16.5			36	39
16.34	16.34	16.21	16.5			75	0

LTE Band 2 Ant 1							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
18650	18900	19150	Channel				
1855	1880	1905	Frequency (MHz)				
21.24	21.41	21.39	21.5	QPSK	10MHz	1	0
21.23	21.21	21.23	21.5			1	24
21.23	21.12	21.23	21.5			1	49
20.41	20.38	20.39	20.5			25	0
20.33	20.40	20.38	20.5			25	12
20.33	20.28	20.29	20.5			25	25
20.30	20.22	20.05	20.5			50	0
20.00	20.03	19.99	20.5	16QAM		1	0
20.37	19.96	20.44	20.5			1	24
20.37	20.44	20.35	20.5			1	49
19.34	19.35	19.44	19.5			25	0
19.39	19.35	19.37	19.5			25	12
19.34	19.27	19.22	19.5			25	25
19.21	19.26	19.21	19.5			50	0
19.16	19.31	19.35	19.5	64QAM		1	0
19.12	19.17	19.19	19.5			1	24
19.15	19.20	19.12	19.5			1	49
18.36	18.42	18.47	18.5			25	0
18.41	18.41	18.41	18.5			25	12
18.37	18.39	18.44	18.5			25	25
18.06	18.08	18.19	18.5			50	0
16.25	16.15	16.38	16.5	256QAM		1	0
16.18	16.44	16.37	16.5			1	24
16.35	16.45	16.37	16.5			1	49
16.19	16.22	16.20	16.5			25	0
16.32	16.26	16.19	16.5			25	12
16.45	16.29	16.36	16.5			25	25
16.31	16.25	16.32	16.5			50	0

LTE Band 2 Ant 1							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
18625	18900	19175	Channel				
1852.5	1880	1907.5	Frequency (MHz)				
21.29	21.38	21.38	21.5	QPSK	5MHz	1	0
21.24	21.23	21.19	21.5			1	12
21.26	21.21	21.16	21.5			1	24
20.33	20.43	20.42	20.5			12	0
20.29	20.35	20.30	20.5			12	6
20.27	20.28	20.21	20.5			12	13
20.26	20.24	19.96	20.5			25	0
20.02	20.11	20.06	20.5	16QAM		1	0
20.46	20.03	20.43	20.5			1	12
20.40	20.39	20.33	20.5			1	24
19.33	19.41	19.45	19.5			12	0
19.33	19.36	19.39	19.5			12	6
19.38	19.34	19.26	19.5			12	13
19.20	19.23	19.22	19.5			25	0
19.17	19.31	19.33	19.5	64QAM		1	0
19.16	19.20	19.23	19.5			1	12
19.11	19.20	19.11	19.5			1	24
18.35	18.47	18.43	18.5			12	0
18.41	18.34	18.40	18.5			12	6
18.34	18.47	18.44	18.5			12	13
18.11	18.17	18.18	18.5			25	0
16.27	16.19	16.32	16.5	256QAM		1	0
16.19	16.40	16.33	16.5			1	12
16.35	16.46	16.34	16.5			1	24
16.18	16.25	16.10	16.5			12	0
16.32	16.21	16.16	16.5			12	6
16.44	16.26	16.36	16.5			12	13
16.37	16.25	16.22	16.5			25	0

LTE Band 2 Ant 1							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
18615	18900	19185	Channel				
1851.5	1880	1908.5	Frequency (MHz)				
21.24	21.40	21.34	21.5	QPSK	3MHz	1	0
21.23	21.28	21.13	21.5			1	7
21.26	21.13	21.18	21.5			1	14
20.40	20.47	20.37	20.5			8	0
20.29	20.37	20.30	20.5			8	3
20.23	20.31	20.27	20.5			8	7
20.31	20.32	20.02	20.5			15	0
20.00	20.02	20.02	20.5	16QAM		1	0
20.44	19.94	20.42	20.5			1	7
20.39	20.40	20.40	20.5			1	14
19.29	19.40	19.44	19.5			8	0
19.33	19.38	19.36	19.5			8	3
19.39	19.30	19.24	19.5			8	7
19.23	19.23	19.26	19.5			15	0
19.16	19.34	19.31	19.5	64QAM		1	0
19.13	19.20	19.20	19.5			1	7
19.16	19.13	19.12	19.5			1	14
18.37	18.45	18.45	18.5			8	0
18.36	18.44	18.41	18.5			8	3
18.43	18.42	18.47	18.5			8	7
18.05	18.14	18.11	18.5			15	0
16.31	16.12	16.35	16.5	256QAM		1	0
16.20	16.48	16.37	16.5			1	7
16.38	16.45	16.28	16.5			1	14
16.23	16.23	16.11	16.5			8	0
16.29	16.21	16.13	16.5			8	3
16.39	16.26	16.32	16.5			8	7
16.39	16.28	16.22	16.5			15	0



LTE Band 2 Ant 1							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
18607	18900	19193	Channel				
1850.7	1880	1909.3	Frequency (MHz)				
21.31	21.42	21.32	21.5	QPSK	1.4MHz	1	0
21.21	21.25	21.22	21.5			1	2
21.28	21.14	21.14	21.5			1	5
20.41	20.42	20.41	21.5			3	0
20.31	20.41	20.30	21.5			3	1
20.24	20.29	20.22	21.5			3	3
20.26	20.28	20.02	20.5			6	0
20.02	20.01	20.09	20.5	16QAM		1	0
20.45	19.97	20.43	20.5			1	2
20.47	20.40	20.34	20.5			1	5
19.31	19.41	19.49	20.5			3	0
19.40	19.40	19.40	20.5			3	1
19.36	19.35	19.32	20.5			3	3
19.19	19.20	19.29	19.5			6	0
19.17	19.32	19.27	19.5	64QAM		1	0
19.22	19.21	19.22	19.5			1	2
19.14	19.14	19.17	19.5			1	5
18.35	18.42	18.43	19.5			3	0
18.44	18.37	18.48	19.5			3	1
18.34	18.39	18.47	19.5			3	3
18.09	18.13	18.19	18.5			6	0
16.22	16.18	16.41	16.5	256QAM		1	0
16.14	16.43	16.38	16.5			1	2
16.35	16.39	16.30	16.5			1	5
16.17	16.25	16.12	16.5			3	0
16.34	16.21	16.06	16.5			3	1
16.40	16.28	16.35	16.5			3	3
16.30	16.30	16.25	16.5			6	0

LTE Band 4 Ant 1							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
20050	20175	20300	Channel				
1720	1732.5	1745	Frequency (MHz)				
21.34	21.35	21.37	21.5	QPSK	20MHz	1	0
21.29	21.27	21.22	21.5			1	49
21.30	21.19	21.18	21.5			1	99
20.33	20.43	20.38	20.5			50	0
20.29	20.35	20.31	20.5			50	25
20.31	20.29	20.24	20.5			50	50
20.28	20.28	20.22	20.5			100	0
19.94	20.02	19.99	20.5	16QAM		1	0
20.46	20.03	20.44	20.5			1	49
20.37	20.42	20.38	20.5			1	99
19.32	19.41	19.40	19.5			50	0
19.39	19.40	19.33	19.5			50	25
19.40	19.35	19.22	19.5			50	50
19.18	19.19	19.28	19.5	64QAM		100	0
19.21	19.27	19.36	19.5			1	0
19.12	19.23	19.24	19.5			1	49
19.15	19.17	19.20	19.5			1	99
18.40	18.40	18.44	18.5			50	0
18.42	18.36	18.42	18.5			50	25
18.34	18.45	18.43	18.5			50	50
18.14	18.09	18.10	18.5	100		0	
16.24	16.17	16.33	16.5	256QAM		1	0
16.13	16.39	16.43	16.5			1	49
16.43	16.40	16.35	16.5			1	99
16.23	16.28	16.22	16.5			50	0
16.29	16.30	16.12	16.5			50	25
16.38	16.35	16.37	16.5			50	50
16.31	16.31	16.26	16.5			100	0

LTE Band 4 Ant 1							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
20025	20175	20325	Channel				
1717.5	1732.5	1747.5	Frequency (MHz)				
21.27	21.36	21.31	21.5	QPSK	15MHz	1	0
21.23	21.26	21.19	21.5			1	37
21.31	21.17	21.23	21.5			1	74
20.35	20.40	20.39	20.5			36	0
20.30	20.40	20.35	20.5			36	19
20.28	20.36	20.26	20.5			36	39
20.29	20.23	19.97	20.5			75	0
19.95	20.01	20.02	20.5	16QAM		1	0
20.38	20.04	20.39	20.5			1	37
20.37	20.48	20.36	20.5			1	74
19.31	19.34	19.43	19.5			36	0
19.34	19.32	19.42	19.5			36	19
19.34	19.28	19.31	19.5			36	39
19.24	19.21	19.24	19.5			75	0
19.22	19.25	19.34	19.5	64QAM		1	0
19.20	19.15	19.19	19.5			1	37
19.13	19.15	19.14	19.5			1	74
18.40	18.43	18.39	18.5			36	0
18.42	18.37	18.44	18.5			36	19
18.37	18.44	18.42	18.5			36	39
18.05	18.14	18.17	18.5			75	0
16.27	16.15	16.40	16.5	256QAM		1	0
16.15	16.46	16.38	16.5			1	37
16.43	16.46	16.31	16.5			1	74
16.24	16.18	16.17	16.5			36	0
16.30	16.31	16.23	16.5			36	19
16.37	16.34	16.36	16.5			36	39
16.36	16.35	16.28	16.5			75	0

LTE Band 4 Ant 1							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
20000	20175	20350	Channel				
1715	1732.5	1750	Frequency (MHz)				
21.27	21.32	21.38	21.5	QPSK	10MHz	1	0
21.23	21.24	21.20	21.5			1	24
21.26	21.15	21.21	21.5			1	49
20.35	20.38	20.35	20.5			25	0
20.30	20.36	20.32	20.5			25	12
20.32	20.36	20.25	20.5			25	25
20.21	20.27	20.04	20.5			50	0
19.96	20.10	20.02	20.5	16QAM		1	0
20.37	19.97	20.37	20.5			1	24
20.40	20.47	20.30	20.5			1	49
19.27	19.40	19.46	19.5			25	0
19.33	19.35	19.35	19.5			25	12
19.40	19.29	19.25	19.5			25	25
19.17	19.22	19.25	19.5			50	0
19.23	19.35	19.32	19.5	64QAM		1	0
19.21	19.22	19.17	19.5			1	24
19.15	19.13	19.20	19.5			1	49
18.38	18.39	18.46	18.5			25	0
18.36	18.43	18.48	18.5			25	12
18.37	18.47	18.44	18.5			25	25
18.13	18.09	18.18	18.5			50	0
16.25	16.13	16.33	16.5	256QAM		1	0
16.11	16.49	16.41	16.5			1	24
16.39	16.48	16.34	16.5			1	49
16.22	16.27	16.18	16.5			25	0
16.35	16.28	16.18	16.5			25	12
16.37	16.35	16.33	16.5			25	25
16.32	16.27	16.23	16.5			50	0

LTE Band 4 Ant 1							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
19975	20175	20375	Channel				
1712.5	1732.5	1752.5	Frequency (MHz)				
21.33	21.38	21.33	21.5	QPSK	5MHz	1	0
21.24	21.21	21.17	21.5			1	12
21.26	21.12	21.16	21.5			1	24
20.37	20.44	20.36	20.5			12	0
20.33	20.33	20.37	20.5			12	6
20.30	20.30	20.23	20.5			12	13
20.23	20.29	20.02	20.5			25	0
20.03	20.08	20.07	20.5	16QAM		1	0
20.44	19.96	20.38	20.5			1	12
20.42	20.44	20.33	20.5			1	24
19.29	19.44	19.40	19.5			12	0
19.37	19.38	19.37	19.5			12	6
19.36	19.29	19.27	19.5			12	13
19.23	19.27	19.27	19.5	64QAM		25	0
19.20	19.25	19.26	19.5			1	0
19.14	19.14	19.20	19.5			1	12
19.20	19.14	19.13	19.5			1	24
18.41	18.47	18.43	18.5			12	0
18.40	18.43	18.48	18.5			12	6
18.36	18.46	18.39	18.5	256QAM		12	13
18.12	18.10	18.16	18.5			25	0
16.22	16.14	16.42	16.5			1	0
16.19	16.47	16.42	16.5			1	12
16.41	16.42	16.25	16.5			1	24
16.26	16.20	16.07	16.5			12	0
16.36	16.21	16.16	16.5			12	6
16.38	16.28	16.26	16.5			12	13
16.33	16.35	16.35	16.5	25		0	

LTE Band 4 Ant 1							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
19965	20175	20385	Channel				
1711.5	1732.5	1753.5	Frequency (MHz)				
21.26	21.42	21.33	21.5	QPSK	3MHz	1	0
21.25	21.24	21.14	21.5			1	7
21.26	21.14	21.14	21.5			1	14
20.41	20.45	20.33	20.5			8	0
20.36	20.32	20.37	20.5			8	3
20.30	20.28	20.24	20.5			8	7
20.22	20.28	19.95	20.5			15	0
19.97	20.07	20.07	20.5	16QAM		1	0
20.39	20.03	20.46	20.5			1	7
20.46	20.47	20.33	20.5			1	14
19.28	19.42	19.48	19.5			8	0
19.38	19.30	19.37	19.5			8	3
19.37	19.37	19.25	19.5			8	7
19.23	19.28	19.27	19.5			15	0
19.17	19.33	19.32	19.5	64QAM		1	0
19.16	19.22	19.22	19.5			1	7
19.11	19.14	19.13	19.5			1	14
18.39	18.39	18.40	18.5			8	0
18.36	18.42	18.43	18.5			8	3
18.41	18.42	18.38	18.5			8	7
18.05	18.09	18.11	18.5			15	0
16.30	16.20	16.32	16.5	256QAM		1	0
16.17	16.42	16.43	16.5			1	7
16.36	16.45	16.28	16.5			1	14
16.17	16.22	16.04	16.5			8	0
16.36	16.29	16.04	16.5			8	3
16.43	16.26	16.23	16.5			8	7
16.35	16.28	16.29	16.5			15	0

LTE Band 4 Ant 1							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
19957	20175	20393	Channel				
1710.7	1732.5	1754.3	Frequency (MHz)				
21.25	21.34	21.40	21.5	QPSK	1.4MHz	1	0
21.27	21.30	21.13	21.5			1	2
21.29	21.21	21.20	21.5			1	5
20.32	20.42	20.33	21.5			3	0
20.28	20.31	20.39	21.5			3	1
20.23	20.31	20.27	21.5			3	3
20.22	20.22	19.98	20.5			6	0
19.93	20.09	20.08	20.5	16QAM		1	0
20.39	20.00	20.40	20.5			1	2
20.46	20.45	20.35	20.5			1	5
19.33	19.42	19.46	20.5			3	0
19.34	19.38	19.38	20.5			3	1
19.30	19.37	19.22	20.5			3	3
19.19	19.27	19.29	19.5			6	0
19.23	19.26	19.26	19.5	64QAM		1	0
19.22	19.20	19.15	19.5			1	2
19.19	19.21	19.14	19.5			1	5
18.34	18.41	18.38	19.5			3	0
18.36	18.44	18.46	19.5			3	1
18.41	18.48	18.39	19.5			3	3
18.05	18.16	18.18	18.5			6	0
16.23	16.11	16.40	16.5	256QAM		1	0
16.16	16.44	16.38	16.5			1	2
16.44	16.43	16.35	16.5			1	5
16.17	16.21	16.10	16.5			3	0
16.36	16.31	16.13	16.5			3	1
16.41	16.30	16.27	16.5			3	3
16.39	16.25	16.35	16.5			6	0

LTE Band 5 Ant 1								
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset	
20450	20525	20600	Channel					
829	836.5	844	Frequency (MHz)					
23.00	23.30	23.13	24	QPSK	10MHz	1	0	
23.11	23.14	23.06	24			1	24	
23.18	23.25	23.15	24			1	49	
22.00	22.30	22.26	23			25	0	
22.05	22.09	22.26	23			25	12	
22.04	22.24	22.08	23			25	25	
22.23	22.25	22.08	23			50	0	
22.12	22.07	22.15	23	16QAM		1	0	
22.02	22.05	22.26	23			1	24	
22.25	22.03	22.15	23			1	49	
21.03	21.25	21.16	22			25	0	
21.05	21.23	21.16	22			25	12	
21.17	21.08	21.21	22			25	25	
21.29	21.25	21.03	22			50	0	
21.01	21.13	21.03	22	64QAM		1	0	
21.2	21.12	21.01	22			1	24	
21.19	21.3	21.28	22			1	49	
20.07	20.17	20.06	21			25	0	
20.04	20.23	20.1	21			25	12	
20.12	20.17	20.24	21			25	25	
20.1	20.25	20.22	21			50	0	
18.14	18.28	18.24	19	256QAM		1	0	
18.19	18.24	18.23	19			1	24	
18.3	18.17	18.15	19			1	49	
18.07	18.13	18.28	19			25	0	
18.05	18.01	18.15	19			25	12	
18.06	18	18.16	19			25	25	
18.22	18.17	18.01	19			50	0	



LTE Band 5 Ant 1							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
20425	20525	20625	Channel				
826.5	836.5	846.5	Frequency (MHz)				
23.19	23.28	23.29	24	QPSK	5MHz	1	0
22.97	23.08	23.13	24			1	12
23	23.28	23.01	24			1	24
22.2	22.18	22.15	23			12	0
22.13	22.07	22	23			12	6
22.1	22.15	21.97	23			12	13
21.96	22.23	22.15	23			25	0
21.9	22.1	21.94	23	16QAM		1	0
22.22	22.04	21.98	23			1	12
21.99	22.1	22.27	23			1	24
21.15	21.16	21.1	22			12	0
21.26	21.03	21.18	22			12	6
21	21.22	21.16	22			12	13
21.28	21.28	21.29	22			25	0
20.96	21.28	20.94	22	64QAM		1	0
21.13	21.11	21.18	22			1	12
21.23	21.23	21.2	22			1	24
20.11	20.26	20.09	21			12	0
20.13	19.91	20.16	21			12	6
20.17	20.2	20.11	21			12	13
19.98	20.15	20.11	21			25	0
17.9	18.05	18.15	19	256QAM		1	0
18.17	18.22	18.24	19			1	12
17.94	17.99	17.93	19			1	24
18	17.99	17.99	19			12	0
18.07	17.94	17.97	19			12	6
18.04	18.12	18.06	19			12	13
18.15	17.98	18.24	19			25	0

LTE Band 5 Ant 1							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
20415	20525	20635	Channel				
825.5	836.5	847.5	Frequency (MHz)				
22.95	22.97	23.11	24	QPSK	3MHz	1	0
22.97	23.28	23.06	24			1	7
23.25	23.29	23.27	24			1	14
22.12	22.3	22.3	23			8	0
22.01	21.95	22.01	23			8	3
21.97	22.15	22.21	23			8	7
22.09	22.09	22.26	23			15	0
22.1	22.24	22.22	23	16QAM		1	0
22.07	22.25	22.18	23			1	7
22.13	21.94	21.96	23			1	14
21.26	20.98	21.27	22			8	0
21.1	21.27	21.28	22			8	3
20.97	21.22	21.06	22			8	7
21.01	20.96	21.08	22			15	0
21.12	20.91	21.02	22	64QAM		1	0
21.2	20.97	21.02	22			1	7
21.07	21.04	21.21	22			1	14
20.06	20.23	20.29	21			8	0
19.93	20.16	20.14	21			8	3
20.22	19.9	19.91	21			8	7
20.14	20.29	19.92	21			15	0
18.06	18.25	17.9	19	256QAM		1	0
18.25	18.21	18.13	19			1	7
18.13	18.21	18.13	19			1	14
18.12	18.12	17.91	19			8	0
17.95	18.01	17.95	19			8	3
17.95	17.97	18.07	19			8	7
18.13	17.96	18.18	19			15	0

LTE Band 5 Ant 1							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
20407	20525	20643	Channel				
824.7	836.5	848.3	Frequency (MHz)				
23.26	23.07	23.14	24	QPSK	1.4MHz	1	0
23.2	23.01	23.13	24			1	2
23.21	23.17	23.01	24			1	5
23.15	23.01	22.95	24			3	0
23.06	22.94	23.14	24			3	1
23.17	22.96	23.24	24			3	3
22.12	22.11	22.06	23			6	0
22.21	21.91	21.94	23	16QAM		1	0
21.97	22.09	22.16	23			1	2
22.05	22.02	22.27	23			1	5
22.13	22.27	22.03	23			3	0
22.08	22.29	21.94	23			3	1
21.93	22.27	22	23			3	3
20.95	21.19	20.91	22			6	0
21.11	21.26	21.11	22	64QAM		1	0
21	21.28	21.26	22			1	2
21.07	21.01	21.29	22			1	5
21.14	21.21	21.1	22			3	0
21.08	20.93	21.04	22			3	1
20.92	21.13	21.04	22			3	3
20.17	20.1	20.25	21			6	0
18.15	17.99	18.09	19	256QAM		1	0
17.91	18.22	18.22	19			1	2
17.93	18.12	18.16	19			1	5
18.04	18.03	18.29	19			3	0
18.26	17.99	18.16	19			3	1
18.11	18.09	18.09	19			3	3
18.08	17.95	18.24	19			6	0

LTE Band 7 Ant 1							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
20850	21100	21350	Channel				
2510	2535	2560	Frequency (MHz)				
19.39	19.46	19.44	19.5	QPSK	20MHz	1	0
19.25	19.43	19.37	19.5			1	49
19.07	19.16	19.05	19.5			1	99
18.43	18.45	18.40	18.5			50	0
18.29	18.32	18.38	18.5			50	25
18.18	18.16	18.22	18.5			50	50
18.33	18.35	18.36	18.5			100	0
18.03	18.03	17.98	18.5	16QAM		1	0
17.99	18.34	18.39	18.5			1	49
18.39	18.32	18.28	18.5			1	99
17.34	17.40	17.40	17.5			50	0
17.30	17.27	17.26	17.5			50	25
17.33	17.12	17.16	17.5			50	50
17.19	17.18	17.14	17.5			100	0
17.24	17.21	17.23	17.5	64QAM		1	0
17.15	17.12	17.19	17.5			1	49
17.16	17.02	17.09	17.5			1	99
16.39	16.36	16.36	16.5			50	0
16.33	16.31	16.35	16.5			50	25
16.48	16.29	16.30	16.5			50	50
16.09	16.11	16.16	16.5			100	0
14.14	14.33	14.38	14.5	256QAM		1	0
14.42	14.27	14.38	14.5			1	49
14.43	14.27	14.38	14.5			1	99
14.17	14.12	14.10	14.5			50	0
14.23	14.05	13.96	14.5			50	25
14.20	14.20	14.33	14.5			50	50
14.17	14.24	14.35	14.5			100	0

LTE Band 7 Ant 1							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
20825	21100	21375	Channel				
2507.5	2535	2562.5	Frequency (MHz)				
19.41	19.33	19.35	19.5	QPSK	15MHz	1	0
19.20	19.19	19.17	19.5			1	37
19.04	19.16	19.09	19.5			1	74
18.45	18.29	18.33	18.5			36	0
18.26	18.32	18.32	18.5			36	19
18.23	18.18	18.17	18.5			36	39
18.40	17.97	18.01	18.5			75	0
18.04	18.03	17.94	18.5	16QAM		1	0
17.97	18.36	18.35	18.5			1	37
18.36	18.27	18.25	18.5			1	74
17.30	17.42	17.42	17.5			36	0
17.30	17.24	17.30	17.5			36	19
17.35	17.20	17.16	17.5			36	39
17.17	17.25	17.14	17.5			75	0
17.21	17.19	17.27	17.5	64QAM		1	0
17.12	17.17	17.17	17.5			1	37
17.10	17.03	17.12	17.5			1	74
16.39	16.44	16.39	16.5			36	0
16.39	16.38	16.37	16.5			36	19
16.47	16.30	16.37	16.5			36	39
16.14	16.03	16.12	16.5			75	0
14.06	14.35	14.41	14.5	256QAM		1	0
14.43	14.29	14.36	14.5			1	37
14.35	14.36	14.31	14.5			1	74
14.08	14.15	14.07	14.5			36	0
14.20	14.12	13.99	14.5			36	19
14.25	14.24	14.28	14.5			36	39
14.17	14.28	14.25	14.5			75	0

LTE Band 7 Ant 1							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
20800	21100	21400	Channel				
2505	2535	2565	Frequency (MHz)				
19.37	19.34	19.40	19.5	QPSK	10MHz	1	0
19.25	19.17	19.11	19.5			1	24
19.05	19.14	19.14	19.5			1	49
18.37	18.25	18.42	18.5			25	0
18.32	18.29	18.36	18.5			25	12
18.25	18.18	18.19	18.5			25	25
18.37	17.91	17.99	18.5			50	0
18.04	17.99	17.97	18.5	16QAM		1	0
17.93	18.34	18.40	18.5			1	24
18.36	18.33	18.28	18.5			1	49
17.25	17.34	17.39	17.5			25	0
17.34	17.22	17.27	17.5			25	12
17.30	17.18	17.20	17.5			25	25
17.16	17.19	17.20	17.5			50	0
17.23	17.26	17.19	17.5	64QAM		1	0
17.17	17.11	17.14	17.5			1	24
17.16	17.09	17.17	17.5			1	49
16.37	16.42	16.36	16.5			25	0
16.40	16.37	16.39	16.5			25	12
16.47	16.33	16.38	16.5			25	25
16.11	16.03	16.08	16.5			50	0
14.13	14.35	14.38	14.5	256QAM		1	0
14.39	14.31	14.33	14.5			1	24
14.33	14.29	14.35	14.5			1	49
14.16	14.10	14.10	14.5			25	0
14.22	14.10	14.11	14.5			25	12
14.18	14.23	14.36	14.5			25	25
14.22	14.20	14.30	14.5			50	0

LTE Band 7 Ant 1							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
20775	21100	21425	Channel				
2502.5	2535	2567.5	Frequency (MHz)				
19.42	19.37	19.36	19.5	QPSK	5MHz	1	0
19.18	19.13	19.18	19.5			1	12
19.10	19.15	19.10	19.5			1	24
18.36	18.27	18.41	18.5			12	0
18.26	18.26	18.34	18.5			12	6
18.18	18.13	18.23	18.5			12	13
18.36	17.95	17.95	18.5			25	0
18.10	17.99	17.96	18.5	16QAM		1	0
17.94	18.36	18.38	18.5			1	12
18.32	18.30	18.26	18.5			1	24
17.28	17.35	17.49	17.5			12	0
17.29	17.31	17.26	17.5			12	6
17.33	17.21	17.16	17.5			12	13
17.17	17.26	17.18	17.5			25	0
17.30	17.23	17.17	17.5	64QAM		1	0
17.11	17.15	17.18	17.5			1	12
17.10	17.06	17.12	17.5			1	24
16.37	16.42	16.44	16.5			12	0
16.34	16.38	16.39	16.5			12	6
16.48	16.36	16.29	16.5			12	13
16.10	16.11	16.15	16.5			25	0
14.06	14.28	14.40	14.5	256QAM		1	0
14.41	14.32	14.30	14.5			1	12
14.41	14.29	14.29	14.5			1	24
14.09	14.14	14.17	14.5			12	0
14.16	14.09	14.01	14.5			12	6
14.23	14.19	14.36	14.5			12	13
14.19	14.19	14.25	14.5			25	0

LTE Band 12 Ant 1							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
23060	23095	23130	Channel				
704	707.5	711	Frequency (MHz)				
21.43	21.47	21.42	21.5	QPSK	10MHz	1	0
21.22	21.16	21.23	21.5			1	24
21.31	21.15	21.13	21.5			1	49
20.40	20.48	20.47	20.5			25	0
20.30	20.32	20.36	20.5			25	12
20.30	20.20	20.31	20.5			25	25
20.44	20.47	20.46	20.5			50	0
19.95	20.07	20.02	20.5	16QAM		1	0
20.37	19.94	20.46	20.5			1	24
20.46	20.39	20.35	20.5			1	49
19.32	19.39	19.41	19.5			25	0
19.39	19.31	19.40	19.5			25	12
19.34	19.37	19.32	19.5			25	25
19.20	19.23	19.30	19.5			50	0
19.23	19.30	19.29	19.5	64QAM		1	0
19.12	19.20	19.20	19.5			1	24
19.11	19.22	19.19	19.5			1	49
18.40	18.39	18.45	18.5			25	0
18.44	18.39	18.46	18.5			25	12
18.36	18.47	18.39	18.5			25	25
18.08	18.08	18.13	18.5			50	0
16.31	16.13	16.33	16.5	256QAM		1	0
16.17	16.41	16.35	16.5			1	24
16.37	16.46	16.29	16.5			1	49
16.26	16.24	16.14	16.5			25	0
16.28	16.22	16.11	16.5			25	12
16.46	16.29	16.37	16.5			25	25
16.31	16.32	16.24	16.5			50	0



LTE Band 12 Ant 1							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
23035	23095	23155	Channel				
701.5	707.5	713.5	Frequency (MHz)				
21.32	21.23	21.33	21.5	QPSK	5MHz	1	0
21.27	21.25	21.14	21.5			1	12
21.30	21.14	21.23	21.5			1	24
20.42	20.40	20.34	20.5			12	0
20.33	20.34	20.35	20.5			12	6
20.25	20.31	20.20	20.5			12	13
20.29	20.29	19.96	20.5			25	0
19.95	20.05	20.05	20.5	16QAM		1	0
20.42	19.96	20.40	20.5			1	12
20.40	20.40	20.37	20.5			1	24
19.34	19.44	19.49	19.5			12	0
19.32	19.38	19.34	19.5			12	6
19.39	19.27	19.30	19.5			12	13
19.27	19.27	19.30	19.5			25	0
19.17	19.26	19.26	19.5	64QAM		1	0
19.21	19.19	19.19	19.5			1	12
19.15	19.19	19.17	19.5			1	24
18.37	18.45	18.42	18.5			12	0
18.40	18.43	18.45	18.5			12	6
18.35	18.49	18.38	18.5			12	13
18.06	18.12	18.19	18.5			25	0
16.23	16.17	16.41	16.5	256QAM		1	0
16.10	16.45	16.38	16.5			1	12
16.36	16.40	16.28	16.5			1	24
16.17	16.19	16.06	16.5			12	0
16.33	16.27	16.22	16.5			12	6
16.44	16.30	16.29	16.5			12	13
16.39	16.30	16.30	16.5			25	0

LTE Band 12 Ant 1							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
23025	23095	23165	Channel				
700.5	707.5	714.5	Frequency (MHz)				
21.29	21.34	21.32	21.5	QPSK	3MHz	1	0
21.23	21.28	21.15	21.5			1	7
21.32	21.19	21.16	21.5			1	14
20.39	20.47	20.42	20.5			8	0
20.33	20.39	20.31	20.5			8	3
20.23	20.27	20.21	20.5			8	7
20.23	20.31	19.96	20.5			15	0
19.98	20.11	20.03	20.5	16QAM		1	0
20.36	20.01	20.37	20.5			1	7
20.47	20.40	20.39	20.5			1	14
19.36	19.40	19.47	19.5			8	0
19.37	19.34	19.36	19.5			8	3
19.38	19.29	19.27	19.5			8	7
19.24	19.27	19.25	19.5			15	0
19.24	19.35	19.31	19.5	64QAM		1	0
19.16	19.22	19.20	19.5			1	7
19.17	19.17	19.17	19.5			1	14
18.31	18.39	18.41	18.5			8	0
18.37	18.38	18.48	18.5			8	3
18.40	18.44	18.38	18.5			8	7
18.04	18.12	18.12	18.5			15	0
16.29	16.12	16.37	16.5	256QAM		1	0
16.10	16.39	16.42	16.5			1	7
16.39	16.39	16.31	16.5			1	14
16.23	16.28	16.11	16.5			8	0
16.29	16.26	16.12	16.5			8	3
16.45	16.29	16.39	16.5			8	7
16.36	16.30	16.31	16.5			15	0

LTE Band 12 Ant 1							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
23017	23095	23173	Channel				
699.7	707.5	715.3	Frequency (MHz)				
21.31	21.31	21.30	21.5	QPSK	1.4MHz	1	0
21.22	21.28	21.13	21.5			1	2
21.29	21.22	21.18	21.5			1	5
20.41	20.47	20.35	21.5			3	0
20.37	20.36	20.31	21.5			3	1
20.33	20.28	20.24	21.5			3	3
20.31	20.24	20.04	20.5			6	0
19.93	20.08	20.08	20.5	16QAM		1	0
20.40	19.95	20.38	20.5			1	2
20.44	20.47	20.34	20.5			1	5
19.33	19.35	19.39	20.5			3	0
19.35	19.37	19.34	20.5			3	1
19.35	19.33	19.28	20.5			3	3
19.17	19.25	19.21	19.5	64QAM		6	0
19.14	19.35	19.34	19.5			1	0
19.20	19.20	19.18	19.5			1	2
19.12	19.22	19.18	19.5			1	5
18.33	18.47	18.38	19.5			3	0
18.35	18.43	18.48	19.5			3	1
18.36	18.46	18.41	19.5			3	3
18.11	18.09	18.14	18.5	6		0	
16.26	16.12	16.38	16.5	256QAM		1	0
16.20	16.49	16.35	16.5			1	2
16.43	16.39	16.26	16.5			1	5
16.16	16.26	16.12	16.5			3	0
16.29	16.21	16.12	16.5			3	1
16.38	16.30	16.25	16.5			3	3
16.34	16.29	16.29	16.5			6	0

LTE Band 13 Ant 1							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
23230			Channel				
782			Frequency (MHz)				
	20.43		20.5	QPSK	10MHz	1	0
	20.21		20.5			1	24
	20.05		20.5			1	49
	19.44		19.5			25	0
	19.29		19.5			25	12
	19.25		19.5			25	25
	19.39		19.5			50	0
	19.04		19.5	16QAM		1	0
	19.00		19.5			1	24
	19.38		19.5			1	49
	18.35		18.5			25	0
	18.34		18.5			25	12
	18.33		18.5			25	25
	18.20		18.5			50	0
	18.24		18.5	64QAM		1	0
	18.10		18.5			1	24
	18.16		18.5			1	49
	17.42		17.5			25	0
	17.38		17.5			25	12
	17.48		17.5			25	25
	17.06		17.5			50	0
	15.12		15.5	256QAM		1	0
	15.34		15.5			1	24
	15.34		15.5			1	49
	15.11		15.5			25	0
	15.16		15.5			25	12
	15.21		15.5			25	25
	15.21		15.5			50	0

LTE Band 13 Ant 1							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
23205	23230	23255	Channel				
779.5	782	784.5	Frequency (MHz)				
20.37	20.37	20.37	20.5	QPSK	5MHz	1	0
20.19	20.12	20.12	20.5			1	12
20.03	20.09	20.04	20.5			1	24
19.42	19.35	19.41	19.5			12	0
19.32	19.28	19.35	19.5			12	6
19.24	19.19	19.23	19.5			12	13
19.37	18.98	18.99	19.5			25	0
19.03	19.01	18.98	19.5	16QAM		1	0
18.95	19.30	19.40	19.5			1	12
19.41	19.26	19.23	19.5			1	24
18.29	18.35	18.44	18.5			12	0
18.33	18.22	18.31	18.5			12	6
18.32	18.18	18.19	18.5			12	13
18.20	18.19	18.11	18.5			25	0
18.25	18.21	18.19	18.5	64QAM		1	0
18.15	18.14	18.23	18.5			1	12
18.14	18.11	18.14	18.5			1	24
17.44	17.36	17.42	17.5			12	0
17.40	17.34	17.37	17.5			12	6
17.41	17.36	17.37	17.5			12	13
17.11	17.11	17.17	17.5			25	0
15.08	15.26	15.33	15.5	256QAM		1	0
15.37	15.33	15.28	15.5			1	12
15.41	15.35	15.33	15.5			1	24
15.10	15.17	15.07	15.5			12	0
15.15	15.08	14.99	15.5			12	6
15.17	15.21	15.32	15.5			12	13
15.16	15.28	15.26	15.5			25	0

LTE Band 14 Ant 1							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
23330			Channel				
793			Frequency (MHz)				
	20.41		20.5	QPSK	10MHz	1	0
	20.11		20.5			1	24
	20.11		20.5			1	49
	19.39		19.5			25	0
	19.31		19.5			25	12
	19.26		19.5			25	25
	19.32		19.5			50	0
	19.00		19.5	16QAM		1	0
	19.41		19.5			1	24
	19.27		19.5			1	49
	18.44		18.5			25	0
	18.31		18.5			25	12
	18.13		18.5			25	25
	18.11		18.5			50	0
	18.25		18.5	64QAM		1	0
	18.19		18.5			1	24
	18.19		18.5			1	49
	17.37		17.5			25	0
	17.32		17.5			25	12
	17.39		17.5			25	25
	17.09		17.5			50	0
	15.33		15.5	256QAM		1	0
	15.33		15.5			1	24
	15.41		15.5			1	49
	15.02		15.5			25	0
	15.11		15.5			25	12
	15.29		15.5			25	25
	15.27		15.5			50	0

LTE Band 14 Ant 1							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
23305	23330	23355	Channel				
790.5	793	795.5	Frequency (MHz)				
20.45	20.36	20.41	20.5	QPSK	5MHz	1	0
20.25	20.16	20.10	20.5			1	12
20.05	20.16	20.04	20.5			1	24
19.38	19.31	19.43	19.5			12	0
19.28	19.26	19.38	19.5			12	6
19.26	19.12	19.26	19.5			12	13
19.35	18.99	18.97	19.5			25	0
19.06	18.97	19.02	19.5	16QAM		1	0
18.95	19.33	19.38	19.5			1	12
19.38	19.32	19.30	19.5			1	24
18.34	18.37	18.45	18.5			12	0
18.27	18.27	18.29	18.5			12	6
18.26	18.14	18.23	18.5			12	13
18.16	18.21	18.12	18.5			25	0
18.29	18.20	18.20	18.5	64QAM		1	0
18.16	18.12	18.23	18.5			1	12
18.13	18.04	18.17	18.5			1	24
17.43	17.39	17.39	17.5			12	0
17.33	17.36	17.40	17.5			12	6
17.48	17.34	17.32	17.5			12	13
17.16	17.06	17.14	17.5			25	0
15.14	15.35	15.35	15.5	256QAM		1	0
15.40	15.25	15.37	15.5			1	12
15.42	15.34	15.40	15.5			1	24
15.11	15.16	15.00	15.5			12	0
15.21	15.06	15.02	15.5			12	6
15.22	15.20	15.34	15.5			12	13
15.25	15.29	15.29	15.5			25	0

LTE Band 25 Ant 1								
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset	
26140	26365	26590	Channel					
1860	1882.5	1905	Frequency (MHz)					
21.28	21.43	21.30	21.5	QPSK	20MHz	1	0	
21.27	21.29	21.23	21.5			1	49	
21.23	21.20	21.15	21.5			1	99	
20.35	20.43	20.42	20.5			50	0	
20.32	20.32	20.39	20.5			50	25	
20.25	20.32	20.25	20.5			50	50	
20.31	20.22	20.01	20.5			100	0	
19.95	20.11	20.05	20.5	16QAM		1	0	
20.44	19.97	20.46	20.5			1	49	
20.39	20.38	20.40	20.5			1	99	
19.32	19.44	19.48	19.5			50	0	
19.40	19.39	19.37	19.5			50	25	
19.40	19.30	19.27	19.5			50	50	
19.18	19.22	19.24	19.5			100	0	
19.16	19.27	19.26	19.5	64QAM		1	0	
19.12	19.15	19.18	19.5			1	49	
19.12	19.17	19.10	19.5			1	99	
18.41	18.48	18.40	18.5			50	0	
18.41	18.41	18.43	18.5			50	25	
18.38	18.44	18.45	18.5			50	50	
18.09	18.12	18.17	18.5			100	0	
16.29	16.19	16.37	16.5	256QAM		1	0	
16.19	16.44	16.35	16.5			1	49	
16.36	16.45	16.30	16.5			1	99	
16.18	16.24	16.21	16.5			50	0	
16.36	16.27	16.14	16.5			50	25	
16.46	16.30	16.32	16.5			50	50	
16.35	16.29	16.33	16.5			100	0	



LTE Band 25 Ant 1							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
26115	26365	26615	Channel				
1857.5	1882.5	1907.5	Frequency (MHz)				
21.29	21.42	21.33	21.5	QPSK	15MHz	1	0
21.25	21.25	21.14	21.5			1	37
21.29	21.20	21.17	21.5			1	74
20.35	20.41	20.34	20.5			36	0
20.34	20.38	20.33	20.5			36	19
20.28	20.30	20.29	20.5			36	39
20.21	20.27	20.03	20.5			75	0
19.96	20.08	20.02	20.5	16QAM		1	0
20.38	19.99	20.40	20.5			1	37
20.40	20.42	20.33	20.5			1	74
19.26	19.38	19.47	19.5			36	0
19.33	19.39	19.42	19.5			36	19
19.32	19.35	19.24	19.5			36	39
19.20	19.29	19.26	19.5			75	0
19.17	19.25	19.36	19.5	64QAM		1	0
19.17	19.14	19.24	19.5			1	37
19.14	19.18	19.19	19.5			1	74
18.40	18.49	18.38	18.5			36	0
18.36	18.44	18.48	18.5			36	19
18.33	18.44	18.39	18.5			36	39
18.10	18.07	18.17	18.5			75	0
16.31	16.11	16.41	16.5	256QAM		1	0
16.12	16.46	16.40	16.5			1	37
16.41	16.47	16.25	16.5			1	74
16.18	16.28	16.05	16.5			36	0
16.35	16.31	16.14	16.5			36	19
16.45	16.31	16.33	16.5			36	39
16.39	16.27	16.31	16.5			75	0

LTE Band 25 Ant 1							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
26090	26365	26640	Channel				
1855	1882.5	1910	Frequency (MHz)				
21.33	21.33	21.30	21.5	QPSK	10MHz	1	0
21.26	21.27	21.19	21.5			1	24
21.23	21.17	21.13	21.5			1	49
20.34	20.38	20.43	20.5			25	0
20.37	20.41	20.34	20.5			25	12
20.27	20.32	20.25	20.5			25	25
20.26	20.29	19.99	20.5			50	0
19.96	20.04	20.06	20.5	16QAM		1	0
20.39	20.04	20.36	20.5			1	24
20.44	20.48	20.32	20.5			1	49
19.28	19.36	19.45	19.5			25	0
19.35	19.35	19.41	19.5			25	12
19.36	19.35	19.27	19.5			25	25
19.24	19.25	19.26	19.5			50	0
19.14	19.28	19.27	19.5	64QAM		1	0
19.20	19.13	19.17	19.5			1	24
19.11	19.22	19.12	19.5			1	49
18.35	18.42	18.42	18.5			25	0
18.38	18.35	18.41	18.5			25	12
18.34	18.49	18.44	18.5			25	25
18.14	18.10	18.15	18.5			50	0
16.28	16.21	16.41	16.5	256QAM		1	0
16.19	16.49	16.34	16.5			1	24
16.34	16.46	16.28	16.5			1	49
16.19	16.27	16.18	16.5			25	0
16.35	16.26	16.06	16.5			25	12
16.39	16.25	16.34	16.5			25	25
16.40	16.28	16.30	16.5			50	0

LTE Band 25 Ant 1							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
26065	26365	26665	Channel				
1852.5	1882.5	1912.5	Frequency (MHz)				
21.32	21.34	21.32	21.5	QPSK	5MHz	1	0
21.22	21.31	21.14	21.5			1	12
21.31	21.17	21.18	21.5			1	24
20.41	20.47	20.37	20.5			12	0
20.37	20.34	20.30	20.5			12	6
20.24	20.28	20.23	20.5			12	13
20.29	20.25	20.05	20.5			25	0
19.96	20.05	20.09	20.5	16QAM		1	0
20.43	20.02	20.40	20.5			1	12
20.46	20.47	20.30	20.5			1	24
19.36	19.37	19.44	19.5			12	0
19.35	19.40	19.40	19.5			12	6
19.38	19.35	19.24	19.5			12	13
19.17	19.22	19.24	19.5			25	0
19.15	19.31	19.36	19.5	64QAM		1	0
19.12	19.22	19.16	19.5			1	12
19.11	19.19	19.19	19.5			1	24
18.36	18.40	18.38	18.5			12	0
18.41	18.34	18.43	18.5			12	6
18.35	18.49	18.37	18.5			12	13
18.05	18.09	18.09	18.5			25	0
16.31	16.16	16.38	16.5	256QAM		1	0
16.14	16.41	16.34	16.5			1	12
16.42	16.42	16.29	16.5			1	24
16.22	16.27	16.09	16.5			12	0
16.34	16.28	16.14	16.5			12	6
16.40	16.34	16.28	16.5			12	13
16.32	16.30	16.29	16.5			25	0

LTE Band 25 Ant 1							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
26055	26365	26675	Channel				
1851.5	1882.5	1913.5	Frequency (MHz)				
21.24	21.40	21.36	21.5	QPSK	3MHz	1	0
21.22	21.26	21.16	21.5			1	7
21.24	21.13	21.23	21.5			1	14
20.41	20.48	20.41	20.5			8	0
20.29	20.41	20.34	20.5			8	3
20.25	20.28	20.24	20.5			8	7
20.21	20.27	20.02	20.5			15	0
20.03	20.08	20.01	20.5	16QAM		1	0
20.43	19.97	20.40	20.5			1	7
20.46	20.46	20.32	20.5			1	14
19.28	19.36	19.40	19.5			8	0
19.38	19.34	19.34	19.5			8	3
19.37	19.37	19.28	19.5			8	7
19.25	19.20	19.20	19.5			15	0
19.19	19.28	19.26	19.5	64QAM		1	0
19.17	19.14	19.20	19.5			1	7
19.16	19.19	19.11	19.5			1	14
18.40	18.43	18.44	18.5			8	0
18.43	18.39	18.42	18.5			8	3
18.35	18.41	18.42	18.5			8	7
18.08	18.16	18.14	18.5			15	0
16.28	16.15	16.41	16.5	256QAM		1	0
16.16	16.46	16.37	16.5			1	7
16.43	16.46	16.29	16.5			1	14
16.19	16.18	16.07	16.5			8	0
16.31	16.22	16.23	16.5			8	3
16.39	16.28	16.37	16.5			8	7
16.30	16.28	16.24	16.5			15	0

LTE Band 25 Ant 1							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
26047	26365	26683	Channel				
1850.7	1882.5	1914.3	Frequency (MHz)				
21.31	21.34	21.31	21.5	QPSK	1.4MHz	1	0
21.26	21.25	21.13	21.5			1	2
21.22	21.12	21.20	21.5			1	5
20.37	20.42	20.34	21.5			3	0
20.30	20.36	20.37	21.5			3	1
20.29	20.26	20.20	21.5			3	3
20.29	20.27	20.04	20.5			6	0
19.96	20.03	19.99	20.5	16QAM		1	0
20.45	20.04	20.39	20.5			1	2
20.40	20.46	20.40	20.5			1	5
19.31	19.37	19.49	20.5			3	0
19.35	19.39	19.38	20.5			3	1
19.38	19.31	19.27	20.5			3	3
19.20	19.27	19.29	19.5			6	0
19.17	19.32	19.30	19.5	64QAM		1	0
19.21	19.18	19.21	19.5			1	2
19.19	19.22	19.13	19.5			1	5
18.41	18.45	18.40	19.5			3	0
18.36	18.43	18.48	19.5			3	1
18.36	18.47	18.46	19.5			3	3
18.08	18.15	18.18	18.5			6	0
16.27	16.21	16.34	16.5	256QAM		1	0
16.11	16.39	16.33	16.5			1	2
16.37	16.49	16.23	16.5			1	5
16.25	16.19	16.09	16.5			3	0
16.37	16.21	16.17	16.5			3	1
16.46	16.34	16.27	16.5			3	3
16.33	16.29	16.27	16.5			6	0

LTE Band 26 Ant 1								
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset	
26765	26865	26965	Channel					
821.5	831.5	841.5	Frequency (MHz)					
23.29	23.36	23.31	24	QPSK	15MHz	1	0	
23.30	23.31	23.25	24			1	37	
23.26	23.21	23.21	24			1	74	
22.58	22.99	22.72	23			36	0	
22.62	22.94	22.7	23			36	19	
22.84	22.9	22.83	23			36	39	
22.67	22.88	22.73	23			75	0	
22.27	22.21	22.38	23	16QAM		1	0	
22.37	22.34	22.26	23			1	37	
22.29	22.24	22.31	23			1	74	
21.9	21.76	21.82	22			36	0	
21.87	21.56	22	22			36	19	
21.84	21.73	21.86	22			36	39	
21.51	21.57	21.66	22			75	0	
21.39	21.34	21.31	22	64QAM		1	0	
21.25	21.4	21.25	22			1	37	
21.24	21.34	21.25	22			1	74	
20.82	20.66	20.81	21			36	0	
20.8	20.79	20.91	21			36	19	
20.65	20.5	20.73	21			36	39	
20.75	20.75	20.97	21			75	0	
18.21	18.29	18.39	19	256QAM		1	0	
18.22	18.33	18.3	19			1	37	
18.26	18.22	18.27	19			1	74	
18.72	18.79	18.74	19			36	0	
18.67	18.94	18.99	19			36	19	
18.74	18.78	18.8	19			36	39	
18.91	18.63	18.58	19			75	0	

LTE Band 26 Ant 1								
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset	
26740	26865	26990	Channel					
819	831.5	844	Frequency (MHz)					
23.1	23.05	23.04	24	QPSK	10MHz	1	0	
23.03	23.22	22.98	24			1	24	
23.05	23.26	23.2	24			1	49	
22.1	22.07	22.02	23			25	0	
22.21	21.97	22.01	23			25	12	
22.2	22.04	22.02	23			25	25	
22.19	22.04	22.2	23			50	0	
22.01	22.27	21.94	23	16QAM		1	0	
22.1	22.21	22.24	23			1	24	
21.9	22.09	21.93	23			1	49	
21.04	21.08	21.07	22			25	0	
21.21	21	20.94	22			25	12	
21.05	21.27	20.97	22			25	25	
21.08	21.17	21.14	22			50	0	
21.03	20.96	20.97	22	64QAM		1	0	
21.19	21.15	20.91	22			1	24	
21.23	21.08	21.11	22			1	49	
20.17	20.24	20	21			25	0	
20.01	20.02	20.25	21			25	12	
20.14	20.14	20.04	21			25	25	
20.13	19.93	20.1	21			50	0	
18.11	18.25	17.95	19	256QAM		1	0	
18.02	18.23	18.26	19			1	24	
18.25	18.13	18.29	19			1	49	
18.06	18.1	18.09	19			25	0	
18.1	18.16	18.23	19			25	12	
18	18.13	18.25	19			25	25	
18.28	18.18	17.92	19			50	0	

LTE Band 26 Ant 1							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
26715	26865	27015	Channel				
816.5	831.5	846.5	Frequency (MHz)				
23.2	23.13	23.29	24	QPSK	5MHz	1	0
23.03	22.94	23.13	24			1	12
23.16	23.26	23.23	24			1	24
22.05	21.9	22.14	23			12	0
22.25	22.07	22.08	23			12	6
22.22	22.15	21.97	23			12	13
21.99	21.9	22.27	23			25	0
22.26	22.28	21.94	23	16QAM		1	0
21.93	21.91	22.13	23			1	12
22.29	22.13	22.01	23			1	24
20.92	21.27	21	22			12	0
20.97	21.1	20.97	22			12	6
20.98	20.93	21.02	22			12	13
21.01	20.93	21.13	22			25	0
21	21.1	21.22	22	64QAM		1	0
20.9	21.09	21.15	22			1	12
21.1	21.08	21.18	22			1	24
20.23	20.22	20.19	21			12	0
20.19	20.28	20.15	21			12	6
19.9	20.14	20.03	21			12	13
20.27	20.14	19.95	21			25	0
18.11	18.2	18.08	19	256QAM		1	0
18.27	18.19	18.08	19			1	12
18.14	17.9	18.25	19			1	24
18.16	18.3	18.08	19			12	0
18.2	18.08	18.1	19			12	6
17.9	17.95	18.19	19			12	13
18.01	18.18	18.08	19			25	0



LTE Band 26 Ant 1							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
26705	26865	27025	Channel				
815.5	831.5	847.5	Frequency (MHz)				
23.02	23.14	22.91	24	QPSK	3MHz	1	0
23.21	23.26	23.18	24			1	7
23.14	23.19	23.04	24			1	14
22.25	22.3	22.09	23			8	0
21.9	21.93	22.04	23			8	3
21.93	21.97	22.19	23			8	7
22.07	22.29	21.92	23			15	0
22.21	21.92	22.11	23	16QAM		1	0
22.02	22.16	22.01	23			1	7
22.26	22.24	22.18	23			1	14
21.26	20.98	21.07	22			8	0
21.16	21.26	21.21	22			8	3
21.13	21.25	20.99	22			8	7
21.29	20.95	21.26	22			15	0
21.27	21.17	21.01	22	64QAM		1	0
21.17	21.27	21.12	22			1	7
21.07	21.2	21.03	22			1	14
20.2	20.14	20.17	21			8	0
20.14	20.24	20.11	21			8	3
20.04	20.07	20.24	21			8	7
20.08	20.29	19.96	21			15	0
17.95	18.11	18.29	19	256QAM		1	0
18.3	18	18.3	19			1	7
17.94	18	18.08	19			1	14
17.94	18.28	18.22	19			8	0
18.29	17.96	18.21	19			8	3
18.05	18.3	18.04	19			8	7
17.92	18.18	18.02	19			15	0

LTE Band 26 Ant 1							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
26697	26865	27033	Channel				
814.7	831.5	848.3	Frequency (MHz)				
22.99	23.05	23.12	24	QPSK	1.4MHz	1	0
23.28	23.28	23.08	24			1	2
22.97	23.2	23.12	24			1	5
23.26	23.01	23.11	24			3	0
22.97	22.93	23.24	24			3	1
23.23	23.15	23.02	24			3	3
22.16	22.25	21.96	23	6		0	
22.19	21.9	22.24	23	16QAM		1	0
22.27	21.97	22.07	23			1	2
21.97	22.13	22.07	23			1	5
22.06	22.26	22.19	23			3	0
22	22.14	22.23	23			3	1
22.07	22.04	21.9	23			3	3
20.92	21.09	21.28	22	64QAM		6	0
21.26	20.99	21.24	22			1	0
21.01	21.14	21.29	22			1	2
21.09	21.04	21.01	22			1	5
21.29	21.05	21.17	22			3	0
21.23	21.03	21.29	22		3	1	
21	21.27	21.14	22	3	3		
20.08	19.96	20.29	21	6	0		
18.27	18.11	18.04	19	256QAM	1	0	
18.16	18.21	18	19		1	2	
18.22	18	17.96	19		1	5	
18.22	17.98	18.09	19		3	0	
18.02	18.15	18.17	19		3	1	
18.28	18.19	18.18	19		3	3	
18.17	18.22	18.16	19		6	0	

LTE Band 30 Ant 1							
Maximum Average Power (dBm)		Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset	
27710		Channel					
2310		Frequency (MHz)					
	20.45	20.5	QPSK	10MHz	1	0	
	20.17	20.5			1	24	
	20.07	20.5			1	49	
	19.38	19.5			25	0	
	19.34	19.5			25	12	
	19.23	19.5			25	25	
	19.40	19.5			50	0	
	19.02	19.5	16QAM		1	0	
	18.98	19.5			1	24	
	19.42	19.5			1	49	
	18.28	18.5			25	0	
	18.32	18.5			25	12	
	18.34	18.5			25	25	
	18.12	18.5			50	0	
	18.21	18.5	64QAM		1	0	
	18.19	18.5			1	24	
	18.09	18.5			1	49	
	17.41	17.5			25	0	
	17.40	17.5			25	12	
	17.43	17.5			25	25	
	17.16	17.5			50	0	
	15.08	15.5	256QAM		1	0	
	15.40	15.5			1	24	
	15.33	15.5			1	49	
	15.11	15.5			25	0	
	15.22	15.5			25	12	
	15.24	15.5			25	25	
	15.25	15.5			50	0	

LTE Band 30 Ant 1							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
27685	27710	27735	Channel				
2307.5	2310	2312.5	Frequency (MHz)				
20.37	20.31	20.37	20.5	QPSK	5MHz	1	0
20.21	20.19	20.10	20.5			1	12
20.04	20.12	20.07	20.5			1	24
19.38	19.28	19.35	19.5			12	0
19.34	19.34	19.32	19.5			12	6
19.27	19.20	19.16	19.5			12	13
19.40	18.99	18.97	19.5			25	0
19.06	18.97	18.96	19.5	16QAM		1	0
18.99	19.29	19.34	19.5			1	12
19.39	19.25	19.22	19.5			1	24
18.31	18.36	18.39	18.5			12	0
18.32	18.26	18.30	18.5			12	6
18.26	18.20	18.23	18.5			12	13
18.13	18.17	18.18	18.5			25	0
18.25	18.19	18.17	18.5	64QAM		1	0
18.18	18.17	18.24	18.5			1	12
18.17	18.09	18.19	18.5			1	24
17.36	17.40	17.40	17.5			12	0
17.32	17.35	17.33	17.5			12	6
17.47	17.28	17.30	17.5			12	13
17.11	17.07	17.12	17.5			25	0
15.12	15.29	15.32	15.5	256QAM		1	0
15.37	15.34	15.38	15.5			1	12
15.38	15.31	15.29	15.5			1	24
15.10	15.11	15.04	15.5			12	0
15.17	15.14	15.00	15.5			12	6
15.26	15.26	15.32	15.5			12	13
15.22	15.24	15.25	15.5			25	0

LTE Band 38 Ant 1							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
37850	38000	38150	Channel				
2580	2595	2610	Frequency (MHz)				
21.41	21.43	21.32	21.5	QPSK	20MHz	1	0
21.23	21.30	21.23	21.5			1	49
21.30	21.31	21.32	21.5			1	99
20.42	20.45	20.37	20.5			50	0
20.31	20.39	20.31	20.5			50	25
20.30	20.33	20.21	20.5			50	50
20.28	20.31	20.03	20.5			100	0
19.97	20.02	19.99	20.5	16QAM		1	0
20.41	19.97	20.38	20.5			1	49
20.45	20.44	20.37	20.5			1	99
19.34	19.42	19.45	19.5			50	0
19.33	19.40	19.34	19.5			50	25
19.37	19.37	19.29	19.5			50	50
19.18	19.29	19.25	19.5			100	0
19.24	19.30	19.27	19.5	64QAM		1	0
19.16	19.18	19.21	19.5			1	49
19.20	19.19	19.15	19.5			1	99
18.41	18.47	18.43	18.5			50	0
18.42	18.39	18.41	18.5			50	25
18.43	18.40	18.45	18.5			50	50
18.09	18.11	18.19	18.5			100	0
16.30	16.11	16.39	16.5	256QAM		1	0
16.12	16.44	16.43	16.5			1	49
16.43	16.39	16.24	16.5			1	99
16.20	16.26	16.23	16.5			50	0
16.32	16.27	16.13	16.5			50	25
16.44	16.35	16.28	16.5			50	50
16.38	16.28	16.27	16.5			100	0

LTE Band 38 Ant 1							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
37825	38000	38175	Channel				
2577.5	2595	2612.5	Frequency (MHz)				
21.27	21.42	21.34	21.5	QPSK	15MHz	1	0
21.23	21.23	21.19	21.5			1	37
21.26	21.21	21.18	21.5			1	74
20.42	20.36	20.37	20.5			36	0
20.31	20.34	20.32	20.5			36	19
20.23	20.30	20.29	20.5			36	39
20.21	20.26	20.01	20.5			75	0
20.03	20.08	20.03	20.5	16QAM		1	0
20.41	20.01	20.44	20.5			1	37
20.37	20.46	20.36	20.5			1	74
19.36	19.38	19.46	19.5			36	0
19.31	19.38	19.40	19.5			36	19
19.32	19.35	19.29	19.5			36	39
19.27	19.27	19.25	19.5			75	0
19.18	19.35	19.36	19.5	64QAM		1	0
19.20	19.23	19.24	19.5			1	37
19.13	19.16	19.19	19.5			1	74
18.39	18.48	18.46	18.5			36	0
18.41	18.40	18.43	18.5			36	19
18.40	18.43	18.47	18.5			36	39
18.04	18.11	18.12	18.5			75	0
16.31	16.17	16.33	16.5	256QAM		1	0
16.19	16.40	16.34	16.5			1	37
16.36	16.45	16.31	16.5			1	74
16.25	16.20	16.13	16.5			36	0
16.34	16.24	16.18	16.5			36	19
16.39	16.32	16.36	16.5			36	39
16.35	16.35	16.31	16.5			75	0

LTE Band 38 Ant 1							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
37800	38000	38200	Channel				
2575	2595	2615	Frequency (MHz)				
21.34	21.40	21.40	21.5	QPSK	10MHz	1	0
21.28	21.28	21.14	21.5			1	24
21.22	21.22	21.16	21.5			1	49
20.36	20.39	20.42	20.5			25	0
20.35	20.33	20.36	20.5			25	12
20.30	20.34	20.26	20.5			25	25
20.23	20.24	19.99	20.5			50	0
19.93	20.08	19.99	20.5	16QAM		1	0
20.44	20.04	20.42	20.5			1	24
20.45	20.47	20.31	20.5			1	49
19.33	19.36	19.43	19.5			25	0
19.34	19.31	19.42	19.5			25	12
19.35	19.30	19.32	19.5			25	25
19.27	19.23	19.29	19.5			50	0
19.19	19.25	19.34	19.5	64QAM		1	0
19.21	19.21	19.18	19.5			1	24
19.12	19.15	19.14	19.5			1	49
18.31	18.49	18.41	18.5			25	0
18.43	18.35	18.39	18.5			25	12
18.43	18.48	18.42	18.5			25	25
18.12	18.17	18.13	18.5			50	0
16.28	16.15	16.38	16.5	256QAM		1	0
16.16	16.40	16.36	16.5			1	24
16.44	16.42	16.35	16.5			1	49
16.26	16.24	16.10	16.5			25	0
16.32	16.22	16.10	16.5			25	12
16.46	16.32	16.33	16.5			25	25
16.38	16.35	16.32	16.5			50	0

LTE Band 38 Ant 1							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
37775	38000	38225	Channel				
2572.5	2595	2617.5	Frequency (MHz)				
21.24	21.40	21.38	21.5	QPSK	5MHz	1	0
21.23	21.24	21.21	21.5			1	12
21.32	21.18	21.13	21.5			1	24
20.32	20.38	20.42	20.5			12	0
20.38	20.36	20.30	20.5			12	6
20.32	20.29	20.24	20.5			12	13
20.26	20.25	19.97	20.5			25	0
19.99	20.04	20.06	20.5	16QAM		1	0
20.46	20.02	20.39	20.5			1	12
20.44	20.44	20.38	20.5			1	24
19.27	19.44	19.44	19.5			12	0
19.30	19.30	19.38	19.5			12	6
19.36	19.37	19.29	19.5			12	13
19.25	19.22	19.27	19.5			25	0
19.20	19.32	19.29	19.5	64QAM		1	0
19.19	19.15	19.23	19.5			1	12
19.15	19.22	19.12	19.5			1	24
18.41	18.42	18.47	18.5			12	0
18.44	18.43	18.41	18.5			12	6
18.39	18.43	18.42	18.5			12	13
18.07	18.09	18.10	18.5			25	0
16.26	16.18	16.41	16.5	256QAM		1	0
16.15	16.49	16.34	16.5			1	12
16.44	16.45	16.30	16.5			1	24
16.26	16.19	16.20	16.5			12	0
16.28	16.27	16.05	16.5			12	6
16.36	16.31	16.32	16.5			12	13
16.32	16.29	16.26	16.5			25	0



LTE Band 40 Ant 1							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
38750	39150	39550	Channel				
2310	2350	2390	Frequency (MHz)				
22.45	22.43	22.41	22.5	QPSK	20 MHz	1	0
22.20	22.18	22.27	22.5			1	49
22.13	22.11	22.23	22.5			1	99
21.43	21.41	21.42	21.5			50	0
21.33	21.31	21.25	21.5			50	25
21.21	21.19	21.25	21.5			50	50
21.38	21.25	21.20	21.5			100	0
21.10	21.12	21.34	21.5	16QAM		1	0
20.98	21.00	21.25	21.5			1	49
21.32	21.34	21.28	21.5			1	99
20.31	20.33	20.44	20.5			50	0
20.30	20.32	20.37	20.5			50	25
20.32	20.34	20.21	20.5			50	50
20.11	20.13	20.23	20.5			100	0
20.26	20.28	20.34	20.5	64QAM		1	0
20.14	20.16	20.35	20.5			1	49
20.31	20.33	20.35	20.5			1	99
19.41	19.43	19.27	19.5			50	0
19.30	19.32	19.20	19.5			50	25
19.39	19.41	19.27	19.5			50	50
19.32	19.34	19.36	19.5			100	0
17.26	17.28	17.41	17.5	256QAM		1	0
17.39	17.41	17.37	17.5			1	49
17.43	17.45	17.30	17.5			1	99
17.36	17.38	17.28	17.5			50	0
17.14	17.16	17.25	17.5			50	25
17.24	17.26	17.29	17.5			50	50
17.17	17.19	17.27	17.5			100	0

LTE Band 40 Ant 1							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
38725	39150	39575	Channel				
2307.5	2350	2392.5	Frequency (MHz)				
22.42	22.32	22.43	22.5	QPSK	15 MHz	1	0
22.02	22.10	22.13	22.5			1	37
22.14	22.00	22.06	22.5			1	74
21.45	21.47	21.35	21.5			36	0
21.25	21.25	21.29	21.5			36	19
21.13	21.27	21.29	21.5			36	39
21.37	21.39	21.11	21.5			75	0
20.95	20.92	21.17	21.5	16QAM		1	0
21.38	20.98	21.22	21.5			1	37
21.20	21.35	21.26	21.5			1	74
20.43	20.26	20.29	20.5			36	0
20.26	20.28	20.20	20.5			36	19
20.16	20.28	20.28	20.5			36	39
20.05	20.11	20.27	20.5			75	0
20.31	20.34	20.31	20.5	64QAM		1	0
20.30	20.37	20.32	20.5			1	37
20.31	20.33	20.31	20.5			1	74
19.04	19.20	19.40	19.5			36	0
19.09	19.13	19.29	19.5			36	19
19.28	19.12	19.19	19.5			36	39
19.20	19.10	19.32	19.5			75	0
17.09	16.89	16.80	17.5	256QAM		1	0
17.24	17.25	17.23	17.5			1	37
17.27	17.11	17.06	17.5			1	74
17.33	17.38	17.38	17.5			36	0
17.01	16.94	16.90	17.5			36	19
17.21	17.29	17.19	17.5			36	39
17.13	17.11	17.24	17.5			75	0

LTE Band 40 Ant 1							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
38700	39150	39600	Channel				
2305	2350	2395	Frequency (MHz)				
22.29	22.35	22.38	22.5	QPSK	10 MHz	1	0
22.08	22.04	22.09	22.5			1	24
22.01	21.91	21.97	22.5			1	49
21.39	21.42	21.31	21.5			25	0
21.22	21.24	21.19	21.5			25	12
21.08	21.23	21.25	21.5			25	25
21.37	21.31	21.14	21.5			50	0
20.81	20.82	21.24	21.5	16QAM		1	0
21.20	20.98	21.24	21.5			1	24
21.19	21.19	21.22	21.5			1	49
20.33	20.24	20.27	20.5			25	0
20.26	20.20	20.09	20.5			25	12
20.16	20.12	20.19	20.5			25	25
19.92	20.09	20.10	20.5			50	0
20.30	20.39	20.21	20.5	64QAM		1	0
20.32	20.40	20.21	20.5			1	24
20.31	20.36	20.28	20.5			1	49
19.43	19.53	19.49	19.5			25	0
19.46	19.49	19.48	19.5			25	12
19.48	19.55	19.89	19.5			25	25
19.49	19.46	19.41	19.5			50	0
17.31	17.36	17.42	17.5	256QAM		1	0
17.02	17.05	17.09	17.5			1	24
17.10	16.99	17.03	17.5			1	49
17.46	17.41	17.35	17.5			25	0
17.21	17.23	17.25	17.5			25	12
17.41	17.39	17.35	17.5			25	25
17.17	17.21	17.10	17.5			50	0

LTE Band 40 Ant 1							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
38725	38750	38775	Channel				
2307.5	2310	2312.5	Frequency (MHz)				
22.41	22.35	22.41	22.5	QPSK	5 MHz	1	0
22.22	22.17	22.20	22.5			1	12
22.06	22.18	22.10	22.5			1	24
21.43	21.25	21.37	21.5			12	0
21.29	21.31	21.28	21.5			12	6
21.21	21.16	21.25	21.5			12	13
21.37	21.38	21.25	21.5			25	0
21.09	20.96	20.99	21.5	16QAM		1	0
20.96	21.26	21.39	21.5			1	12
21.39	21.25	21.28	21.5			1	24
20.29	20.41	20.45	20.5			12	0
20.31	20.23	20.35	20.5			12	6
20.35	20.20	20.17	20.5			12	13
20.18	20.17	20.14	20.5			25	0
20.21	20.25	20.27	20.5	64QAM		1	0
20.11	20.29	20.14	20.5			1	12
20.33	20.24	20.38	20.5			1	24
19.36	19.34	19.38	19.5			12	0
19.34	19.30	19.40	19.5			12	6
19.42	19.29	19.30	19.5			12	13
19.26	19.27	19.37	19.5			25	0
17.36	17.33	17.32	17.5	256QAM		1	0
17.43	17.25	17.35	17.5			1	12
17.42	17.29	17.35	17.5			1	24
17.30	17.30	17.17	17.5			12	0
17.17	17.31	17.03	17.5			12	6
17.24	17.21	17.36	17.5			12	13
17.16	17.29	17.28	17.5			25	0

LTE Band 41 Ant 1									
Maximum Average Power (dBm)					Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
39750	40185	40620	41055	41490	Channel				
2506	2549.5	2593	2636.5	2680	Frequency (MHz)				
21.33	21.35	21.38	21.32	21.35	21.5	QPSK	20MHz	1	0
21.27	21.24	21.13	21.30	21.23	21.5			1	49
21.24	21.20	21.16	21.22	21.16	21.5			1	99
20.40	20.42	20.43	20.40	20.34	20.5			50	0
20.36	20.35	20.39	20.36	20.37	20.5			50	25
20.26	20.26	20.27	20.35	20.28	20.5			50	50
20.21	20.31	20.32	20.26	20.31	20.5			100	0
19.97	20.09	20.06	20.01	19.99	20.5	16QAM		1	0
20.44	20.03	20.38	19.94	20.45	20.5			1	49
20.47	20.45	20.38	20.38	20.35	20.5			1	99
19.35	19.35	19.48	19.40	19.39	19.5			50	0
19.33	19.30	19.40	19.38	19.41	19.5			50	25
19.34	19.34	19.28	19.37	19.29	19.5			50	50
19.17	19.28	19.28	19.21	19.29	19.5			100	0
19.18	19.33	19.36	19.27	19.34	19.5	64QAM		1	0
19.13	19.20	19.17	19.19	19.16	19.5			1	49
19.11	19.17	19.12	19.18	19.19	19.5			1	99
18.40	18.45	18.47	18.47	18.37	18.5			50	0
18.37	18.35	18.39	18.43	18.41	18.5			50	25
18.41	18.47	18.47	18.49	18.40	18.5			50	50
18.10	18.09	18.11	18.09	18.12	18.5		100	0	
16.31	16.20	16.39	16.17	16.34	16.5	256QAM	1	0	
16.16	16.39	16.39	16.45	16.34	16.5		1	49	
16.36	16.49	16.29	16.49	16.30	16.5		1	99	
16.17	16.25	16.03	16.23	16.19	16.5		50	0	
16.31	16.28	16.06	16.21	16.12	16.5		50	25	
16.41	16.26	16.38	16.28	16.26	16.5		50	50	
16.31	16.30	16.34	16.30	16.31	16.5		100	0	

LTE Band 41 Ant 1									
Maximum Average Power (dBm)					Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
39725	40173	40620	41068	41515	Channel				
2503.5	2548.3	2593	2637.8	2682.5	Frequency (MHz)				
21.28	21.34	21.25	21.34	21.34	21.5	QPSK	15MHz	1	0
21.23	21.28	21.28	21.25	21.23	21.5			1	37
21.29	21.18	21.23	21.15	21.19	21.5			1	74
20.39	20.44	20.36	20.40	20.38	20.5			36	0
20.37	20.37	20.35	20.35	20.29	20.5			36	19
20.31	20.30	20.29	20.28	20.22	20.5			36	39
20.24	20.32	20.22	20.25	19.95	20.5			75	0
19.99	20.03	19.98	20.04	20.02	20.5	16QAM		1	0
20.38	19.96	20.42	19.99	20.41	20.5			1	37
20.42	20.42	20.44	20.47	20.30	20.5			1	74
19.35	19.35	19.31	19.36	19.43	19.5			36	0
19.35	19.31	19.35	19.37	19.33	19.5			36	19
19.32	19.27	19.40	19.27	19.24	19.5			36	39
19.26	19.26	19.22	19.27	19.29	19.5			75	0
19.14	19.27	19.17	19.31	19.28	19.5	64QAM		1	0
19.15	19.16	19.20	19.19	19.24	19.5			1	37
19.19	19.13	19.13	19.14	19.12	19.5			1	74
18.31	18.40	18.38	18.43	18.44	18.5			36	0
18.35	18.39	18.41	18.37	18.45	18.5			36	19
18.34	18.40	18.41	18.39	18.41	18.5			36	39
18.13	18.12	18.08	18.11	18.13	18.5		75	0	
16.29	16.21	16.23	16.21	16.36	16.5	256QAM	1	0	
16.13	16.46	16.16	16.43	16.37	16.5		1	37	
16.38	16.47	16.40	16.42	16.30	16.5		1	74	
16.18	16.18	16.23	16.25	16.18	16.5		36	0	
16.30	16.21	16.34	16.25	16.19	16.5		36	19	
16.37	16.27	16.41	16.28	16.37	16.5		36	39	
16.39	16.34	16.30	16.25	16.20	16.5		75	0	

LTE Band 41 Ant 1										
Maximum Average Power (dBm)					Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset	
39700	40160	40620	41080	41540	Channel					
2501	2547	2593	2639	2685	Frequency (MHz)					
21.24	21.38	21.29	21.37	21.40	21.5	QPSK	10MHz	1	0	
21.27	21.28	21.19	21.21	21.18	21.5			1	24	
21.22	21.18	21.29	21.17	21.14	21.5			1	49	
20.40	20.43	20.42	20.46	20.34	20.5			25	0	
20.36	20.38	20.34	20.33	20.39	20.5			25	12	
20.31	20.26	20.32	20.33	20.26	20.5			25	25	
20.22	20.22	20.21	20.23	20.02	20.5			50	0	
19.95	20.08	19.97	20.06	20.05	20.5	16QAM		1	0	
20.36	20.03	20.43	20.04	20.46	20.5			1	24	
20.43	20.43	20.40	20.41	20.38	20.5			1	49	
19.30	19.35	19.28	19.41	19.39	19.5			25	0	
19.33	19.40	19.30	19.38	19.39	19.5			25	12	
19.38	19.36	19.39	19.30	19.24	19.5			25	25	
19.26	19.28	19.26	19.27	19.28	19.5			50	0	
19.23	19.32	19.16	19.31	19.26	19.5	64QAM		1	0	
19.13	19.13	19.15	19.20	19.22	19.5			1	24	
19.14	19.15	19.14	19.17	19.18	19.5			1	49	
18.35	18.49	18.33	18.40	18.43	18.5			25	0	
18.44	18.38	18.39	18.39	18.39	18.5			25	12	
18.40	18.42	18.37	18.40	18.42	18.5			25	25	
18.07	18.13	18.05	18.13	18.16	18.5			50	0	
16.22	16.16	16.22	16.21	16.32	16.5	256QAM		1	0	
16.18	16.42	16.18	16.43	16.41	16.5			1	24	
16.34	16.46	16.35	16.42	16.37	16.5			1	49	
16.19	16.24	16.19	16.24	16.14	16.5			25	0	
16.29	16.22	16.27	16.28	16.06	16.5			25	12	
16.45	16.26	16.42	16.35	16.28	16.5			25	25	
16.38	16.32	16.36	16.34	16.39	16.5			50	0	

LTE Band 41 Ant 1									
Maximum Average Power (dBm)					Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
39675	40148	40620	41093	41565	Channel				
2498.5	2545.8	2593	2640.3	2687.5	Frequency (MHz)				
21.28	21.37	21.28	21.38	21.32	21.5	QPSK	5MHz	1	0
21.24	21.23	21.23	21.29	21.17	21.5			1	12
21.24	21.15	21.29	21.20	21.14	21.5			1	24
20.35	20.38	20.42	20.40	20.38	20.5			12	0
20.32	20.35	20.35	20.40	20.38	20.5			12	6
20.30	20.32	20.26	20.29	20.25	20.5			12	13
20.26	20.31	20.26	20.25	20.05	20.5			25	0
19.99	20.06	20.01	20.08	20.02	20.5	1		0	
20.45	20.01	20.38	19.96	20.41	20.5	1		12	
20.44	20.45	20.46	20.39	20.30	20.5	1		24	
19.36	19.37	19.34	19.40	19.46	19.5	16QAM		12	0
19.38	19.39	19.34	19.39	19.37	19.5	12		6	
19.32	19.31	19.35	19.29	19.30	19.5	12		13	
19.17	19.23	19.19	19.21	19.26	19.5	25		0	
19.18	19.34	19.19	19.35	19.34	19.5	1		0	
19.22	19.13	19.19	19.18	19.18	19.5	1		12	
19.12	19.17	19.20	19.13	19.15	19.5	1		24	
18.38	18.46	18.33	18.41	18.39	18.5	64QAM		12	0
18.41	18.36	18.41	18.34	18.47	18.5	12		6	
18.38	18.45	18.36	18.44	18.44	18.5	12		13	
18.13	18.17	18.09	18.17	18.10	18.5	25		0	
16.29	16.19	16.30	16.13	16.33	16.5	1		0	
16.14	16.42	16.16	16.49	16.42	16.5	1		12	
16.44	16.47	16.43	16.46	16.29	16.5	1		24	
16.17	16.19	16.23	16.19	16.17	16.5	256QAM		12	0
16.31	16.24	16.33	16.29	16.07	16.5	12		6	
16.36	16.33	16.39	16.30	16.32	16.5	12		13	
16.33	16.30	16.36	16.26	16.31	16.5	25		0	



LTE Band 66 Ant 1							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
132072	132322	132572	Channel				
1720	1745	1770	Frequency (MHz)				
21.30	21.35	21.33	21.5	QPSK	20MHz	1	0
21.26	21.31	21.17	21.5			1	49
21.26	21.15	21.18	21.5			1	99
20.35	20.40	20.39	20.5			50	0
20.33	20.35	20.39	20.5			50	25
20.31	20.30	20.22	20.5			50	50
20.27	20.24	20.00	20.5			100	0
19.94	20.10	20.09	20.5	16QAM		1	0
20.37	19.94	20.40	20.5			1	49
20.38	20.47	20.33	20.5			1	99
19.30	19.35	19.47	19.5			50	0
19.38	19.40	19.34	19.5			50	25
19.37	19.33	19.25	19.5			50	50
19.25	19.25	19.26	19.5	64QAM		100	0
19.22	19.30	19.33	19.5			1	0
19.18	19.14	19.15	19.5			1	49
19.16	19.18	19.12	19.5			1	99
18.40	18.48	18.46	18.5			50	0
18.36	18.37	18.40	18.5			50	25
18.34	18.49	18.37	18.5			50	50
18.04	18.13	18.16	18.5	100		0	
16.25	16.13	16.36	16.5	256QAM		1	0
16.18	16.45	16.40	16.5			1	49
16.39	16.40	16.31	16.5			1	99
16.23	16.28	16.13	16.5			50	0
16.35	16.23	16.17	16.5			50	25
16.46	16.26	16.31	16.5			50	50
16.36	16.27	16.38	16.5			100	0

LTE Band 66 Ant 1							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
132047	132322	132597	Channel				
1717.5	1745	1772.5	Frequency (MHz)				
21.26	21.32	21.31	21.5	QPSK	15MHz	1	0
21.24	21.21	21.15	21.5			1	37
21.32	21.20	21.22	21.5			1	74
20.37	20.39	20.43	20.5			36	0
20.34	20.35	20.33	20.5			36	19
20.31	20.35	20.24	20.5			36	39
20.21	20.22	19.96	20.5			75	0
20.00	20.07	20.01	20.5	16QAM		1	0
20.38	19.98	20.41	20.5			1	37
20.41	20.44	20.34	20.5			1	74
19.36	19.41	19.44	19.5			36	0
19.33	19.34	19.35	19.5			36	19
19.31	19.30	19.30	19.5			36	39
19.21	19.23	19.25	19.5			75	0
19.18	19.28	19.29	19.5	64QAM		1	0
19.19	19.16	19.24	19.5			1	37
19.20	19.18	19.13	19.5			1	74
18.36	18.42	18.43	18.5			36	0
18.37	18.42	18.44	18.5			36	19
18.38	18.42	18.46	18.5			36	39
18.10	18.16	18.19	18.5			75	0
16.22	16.17	16.40	16.5	256QAM		1	0
16.19	16.43	16.39	16.5			1	37
16.35	16.40	16.31	16.5			1	74
16.25	16.25	16.12	16.5			36	0
16.28	16.30	16.21	16.5			36	19
16.46	16.25	16.35	16.5			36	39
16.32	16.28	16.29	16.5			75	0

LTE Band 66 Ant 1							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
132022	132322	132622	Channel				
1715	1745	1775	Frequency (MHz)				
21.29	21.42	21.30	21.5	QPSK	10MHz	1	0
21.26	21.24	21.20	21.5			1	24
21.24	21.18	21.15	21.5			1	49
20.35	20.38	20.41	20.5			25	0
20.36	20.40	20.39	20.5			25	12
20.29	20.34	20.21	20.5			25	25
20.31	20.29	20.03	20.5			50	0
19.96	20.06	20.07	20.5	16QAM		1	0
20.46	19.99	20.44	20.5			1	24
20.41	20.46	20.35	20.5			1	49
19.31	19.42	19.46	19.5			25	0
19.40	19.34	19.32	19.5			25	12
19.37	19.29	19.24	19.5			25	25
19.19	19.25	19.26	19.5			50	0
19.14	19.34	19.33	19.5	64QAM		1	0
19.21	19.13	19.25	19.5			1	24
19.14	19.13	19.19	19.5			1	49
18.31	18.40	18.45	18.5			25	0
18.35	18.35	18.40	18.5			25	12
18.36	18.42	18.47	18.5			25	25
18.04	18.17	18.14	18.5			50	0
16.26	16.20	16.33	16.5	256QAM		1	0
16.13	16.47	16.38	16.5			1	24
16.37	16.48	16.21	16.5			1	49
16.20	16.25	16.18	16.5			25	0
16.34	16.28	16.13	16.5			25	12
16.44	16.27	16.33	16.5			25	25
16.40	16.35	16.39	16.5			50	0

LTE Band 66 Ant 1							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
131997	132322	132647	Channel				
1712.5	1745	1777.5	Frequency (MHz)				
21.31	21.36	21.32	21.5	QPSK	5MHz	1	0
21.26	21.30	21.13	21.5			1	12
21.28	21.21	21.22	21.5			1	24
20.42	20.44	20.37	20.5			12	0
20.38	20.31	20.38	20.5			12	6
20.27	20.34	20.19	20.5			12	13
20.21	20.29	19.99	20.5			25	0
20.03	20.06	20.03	20.5	16QAM		1	0
20.37	20.04	20.41	20.5			1	12
20.44	20.47	20.30	20.5			1	24
19.36	19.39	19.46	19.5			12	0
19.40	19.31	19.38	19.5			12	6
19.37	19.35	19.24	19.5			12	13
19.19	19.20	19.21	19.5			25	0
19.16	19.28	19.36	19.5	64QAM		1	0
19.14	19.20	19.23	19.5			1	12
19.17	19.13	19.18	19.5			1	24
18.35	18.49	18.45	18.5			12	0
18.38	18.41	18.42	18.5			12	6
18.33	18.42	18.44	18.5			12	13
18.14	18.14	18.17	18.5			25	0
16.24	16.13	16.36	16.5	256QAM		1	0
16.20	16.47	16.36	16.5			1	12
16.42	16.49	16.32	16.5			1	24
16.26	16.28	16.13	16.5			12	0
16.32	16.27	16.12	16.5			12	6
16.42	16.30	16.31	16.5			12	13
16.34	16.30	16.30	16.5			25	0

LTE Band 66 Ant 1							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
131987	132322	132657	Channel				
1711.5	1745	1778.5	Frequency (MHz)				
21.29	21.39	21.37	21.5	QPSK	3MHz	1	0
21.29	21.30	21.18	21.5			1	7
21.32	21.14	21.19	21.5			1	14
20.37	20.42	20.37	20.5			8	0
20.30	20.34	20.36	20.5			8	3
20.24	20.31	20.23	20.5			8	7
20.26	20.25	20.02	20.5			15	0
20.00	20.07	20.06	20.5	16QAM		1	0
20.40	19.94	20.45	20.5			1	7
20.47	20.42	20.31	20.5			1	14
19.34	19.37	19.42	19.5			8	0
19.38	19.37	19.38	19.5			8	3
19.30	19.36	19.32	19.5			8	7
19.27	19.25	19.30	19.5			15	0
19.16	19.32	19.26	19.5	64QAM		1	0
19.18	19.23	19.15	19.5			1	7
19.14	19.19	19.11	19.5			1	14
18.38	18.48	18.45	18.5			8	0
18.41	18.37	18.47	18.5			8	3
18.40	18.47	18.39	18.5			8	7
18.10	18.12	18.19	18.5			15	0
16.26	16.21	16.37	16.5	256QAM		1	0
16.16	16.42	16.40	16.5			1	7
16.37	16.48	16.37	16.5			1	14
16.25	16.27	16.11	16.5			8	0
16.27	16.22	16.16	16.5			8	3
16.39	16.26	16.35	16.5			8	7
16.33	16.29	16.28	16.5			15	0

LTE Band 66 Ant 1							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
131979	132322	132665	Channel				
1710.7	1745	1779.3	Frequency (MHz)				
21.24	21.36	21.36	21.5	QPSK	1.4MHz	1	0
21.21	21.21	21.14	21.5			1	2
21.22	21.14	21.19	21.5			1	5
20.36	20.42	20.38	21.5			3	0
20.31	20.41	20.32	21.5			3	1
20.23	20.30	20.29	21.5			3	3
20.29	20.28	19.98	20.5			6	0
19.96	20.09	20.02	20.5	16QAM		1	0
20.38	19.98	20.42	20.5			1	2
20.39	20.41	20.38	20.5			1	5
19.34	19.37	19.43	20.5			3	0
19.32	19.30	19.34	20.5			3	1
19.35	19.27	19.30	20.5			3	3
19.22	19.28	19.29	19.5			6	0
19.17	19.25	19.27	19.5	64QAM		1	0
19.20	19.15	19.16	19.5			1	2
19.11	19.16	19.16	19.5			1	5
18.38	18.43	18.46	19.5			3	0
18.39	18.34	18.47	19.5			3	1
18.38	18.41	18.46	19.5			3	3
18.09	18.10	18.11	18.5			6	0
16.28	16.19	16.39	16.5	256QAM		1	0
16.16	16.39	16.34	16.5			1	2
16.40	16.49	16.33	16.5			1	5
16.19	16.21	16.07	16.5			3	0
16.27	16.26	16.12	16.5			3	1
16.42	16.26	16.31	16.5			3	3
16.33	16.34	16.26	16.5			6	0

LTE Band 71 Ant 1							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
133222	133322	133372	Channel				
673	683	688	Frequency (MHz)				
21.39	21.42	21.38	21.5	QPSK	20MHz	1	0
21.36	21.38	21.33	21.5			1	49
21.28	21.12	21.16	21.5			1	99
20.44	20.48	20.41	20.5			50	0
20.34	20.41	20.32	20.5			50	25
20.26	20.27	20.19	20.5			50	50
20.43	20.47	20.40	20.5			100	0
20.03	20.07	20.02	20.5	16QAM		1	0
20.40	20.02	20.44	20.5			1	49
20.39	20.48	20.35	20.5			1	99
19.33	19.38	19.48	19.5			50	0
19.39	19.39	19.42	19.5			50	25
19.31	19.34	19.30	19.5			50	50
19.21	19.21	19.21	19.5	64QAM		100	0
19.16	19.26	19.32	19.5			1	0
19.19	19.23	19.20	19.5			1	49
19.19	19.14	19.14	19.5			1	99
18.32	18.40	18.42	18.5			50	0
18.39	18.39	18.44	18.5			50	25
18.43	18.43	18.46	18.5			50	50
18.07	18.14	18.12	18.5	100		0	
16.23	16.15	16.39	16.5	256QAM		1	0
16.15	16.39	16.42	16.5			1	49
16.37	16.48	16.28	16.5			1	99
16.23	16.18	16.08	16.5			50	0
16.36	16.29	16.09	16.5			50	25
16.38	16.35	16.32	16.5			50	50
16.37	16.30	16.27	16.5			100	0

LTE Band 71 Ant 1							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
133197	133297	133397	Channel				
670.5	680.5	690.5	Frequency (MHz)				
21.31	21.34	21.34	21.5	QPSK	15MHz	1	0
21.26	21.29	21.18	21.5			1	37
21.28	21.22	21.14	21.5			1	74
20.39	20.44	20.34	20.5			36	0
20.30	20.36	20.31	20.5			36	19
20.25	20.27	20.20	20.5			36	39
20.26	20.32	19.98	20.5			75	0
20.01	20.03	20.03	20.5	16QAM		1	0
20.45	20.02	20.39	20.5			1	37
20.45	20.46	20.34	20.5			1	74
19.31	19.40	19.49	19.5			36	0
19.30	19.38	19.37	19.5			36	19
19.31	19.30	19.31	19.5			36	39
19.23	19.20	19.28	19.5			75	0
19.16	19.27	19.32	19.5	64QAM		1	0
19.19	19.18	19.18	19.5			1	37
19.12	19.14	19.14	19.5			1	74
18.38	18.48	18.37	18.5			36	0
18.34	18.34	18.45	18.5			36	19
18.36	18.49	18.40	18.5			36	39
18.14	18.10	18.09	18.5			75	0
16.30	16.11	16.32	16.5	256QAM		1	0
16.12	16.48	16.40	16.5			1	37
16.42	16.47	16.30	16.5			1	74
16.26	16.24	16.15	16.5			36	0
16.35	16.21	16.14	16.5			36	19
16.36	16.31	16.25	16.5			36	39
16.34	16.25	16.21	16.5			75	0



LTE Band 71 Ant 1							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
133172	133272	133422	Channel				
668	678	693	Frequency (MHz)				
21.25	21.33	21.36	21.5	QPSK	10MHz	1	0
21.28	21.28	21.13	21.5			1	24
21.31	21.22	21.20	21.5			1	49
20.32	20.40	20.43	20.5			25	0
20.33	20.41	20.37	20.5			25	12
20.25	20.33	20.24	20.5			25	25
20.24	20.27	19.98	20.5			50	0
19.97	20.01	20.06	20.5	16QAM		1	0
20.42	19.95	20.39	20.5			1	24
20.39	20.43	20.35	20.5			1	49
19.32	19.44	19.42	19.5			25	0
19.31	19.33	19.40	19.5			25	12
19.40	19.33	19.22	19.5			25	25
19.19	19.24	19.29	19.5			50	0
19.19	19.27	19.30	19.5	64QAM		1	0
19.19	19.21	19.19	19.5			1	24
19.13	19.20	19.15	19.5			1	49
18.33	18.45	18.45	18.5			25	0
18.40	18.39	18.44	18.5			25	12
18.37	18.45	18.42	18.5			25	25
18.08	18.08	18.18	18.5			50	0
16.24	16.12	16.34	16.5	256QAM		1	0
16.18	16.43	16.37	16.5			1	24
16.40	16.40	16.27	16.5			1	49
16.24	16.22	16.11	16.5			25	0
16.37	16.26	16.18	16.5			25	12
16.44	16.31	16.36	16.5			25	25
16.30	16.27	16.28	16.5			50	0

LTE Band 71 Ant 1							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
133147	133247	133447	Channel				
665.5	675.5	695.5	Frequency (MHz)				
21.25	21.36	21.36	21.5	QPSK	5MHz	1	0
21.21	21.29	21.19	21.5			1	12
21.30	21.17	21.17	21.5			1	24
20.42	20.46	20.41	20.5			12	0
20.34	20.39	20.37	20.5			12	6
20.26	20.28	20.29	20.5			12	13
20.24	20.22	20.01	20.5			25	0
20.03	20.10	20.04	20.5	16QAM		1	0
20.39	20.00	20.37	20.5			1	12
20.40	20.46	20.38	20.5			1	24
19.34	19.44	19.43	19.5			12	0
19.30	19.31	19.36	19.5			12	6
19.30	19.32	19.26	19.5			12	13
19.19	19.25	19.25	19.5			25	0
19.18	19.34	19.26	19.5	64QAM		1	0
19.14	19.21	19.18	19.5			1	12
19.19	19.15	19.17	19.5			1	24
18.34	18.42	18.39	18.5			12	0
18.37	18.34	18.38	18.5			12	6
18.37	18.47	18.41	18.5			12	13
18.05	18.15	18.15	18.5			25	0
16.29	16.21	16.39	16.5	256QAM		1	0
16.10	16.45	16.35	16.5			1	12
16.41	16.44	16.29	16.5			1	24
16.18	16.21	16.18	16.5			12	0
16.35	16.22	16.11	16.5			12	6
16.44	16.35	16.33	16.5			12	13
16.40	16.27	16.28	16.5			25	0

LTE Band 2 Ant 2							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
18700	18900	19100	Channel				
1860	1880	1900	Frequency (MHz)				
20.40	20.39	20.36	20.5	QPSK	20MHz	1	0
20.23	20.16	20.14	20.5			1	49
20.11	20.13	20.14	20.5			1	99
19.43	19.43	19.41	19.5			50	0
19.32	19.32	19.34	19.5			50	25
19.18	19.19	19.18	19.5			50	50
19.22	19.35	19.20	19.5			100	0
19.05	18.98	18.93	19.5	16QAM		1	0
18.96	19.35	19.36	19.5			1	49
19.41	19.26	19.29	19.5			1	99
18.34	18.42	18.39	18.5			50	0
18.30	18.25	18.35	18.5			50	25
18.26	18.21	18.15	18.5			50	50
18.12	18.17	18.20	18.5	64QAM		100	0
18.25	18.27	18.18	18.5			1	0
18.18	18.38	18.15	18.5			1	49
18.32	18.22	18.33	18.5			1	99
17.36	17.44	17.40	17.5			50	0
17.35	17.38	17.41	17.5			50	25
17.40	17.27	17.35	17.5			50	50
17.29	17.26	17.33	17.5	100		0	
15.30	15.35	15.41	15.5	256QAM		1	0
15.35	15.29	15.34	15.5			1	49
15.41	15.33	15.32	15.5			1	99
15.29	15.33	15.04	15.5			50	0
15.22	15.26	15.12	15.5			50	25
15.16	15.21	15.33	15.5			50	50
15.17	15.19	15.28	15.5			100	0

LTE Band 2 Ant 2							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
18675	18900	19125	Channel				
1857.5	1880	1902.5	Frequency (MHz)				
20.45	20.37	20.40	20.5	QPSK	15MHz	1	0
20.24	20.11	20.13	20.5			1	37
20.05	20.19	20.09	20.5			1	74
19.42	19.33	19.37	19.5			36	0
19.27	19.28	19.38	19.5			36	19
19.27	19.18	19.23	19.5			36	39
19.38	19.39	19.18	19.5			75	0
19.10	18.95	19.02	19.5	16QAM		1	0
18.99	19.29	19.41	19.5			1	37
19.42	19.28	19.26	19.5			1	74
18.30	18.37	18.41	18.5			36	0
18.28	18.22	18.26	18.5			36	19
18.29	18.19	18.15	18.5			36	39
18.14	18.25	18.17	18.5			75	0
18.22	18.24	18.19	18.5	64QAM		1	0
18.10	18.39	18.14	18.5			1	37
18.37	18.23	18.39	18.5			1	74
17.41	17.39	17.45	17.5			36	0
17.38	17.38	17.38	17.5			36	19
17.44	17.35	17.34	17.5			36	39
17.35	17.33	17.29	17.5			75	0
15.33	15.31	15.33	15.5	256QAM		1	0
15.38	15.27	15.28	15.5			1	37
15.42	15.28	15.30	15.5			1	74
15.38	15.39	15.06	15.5			36	0
15.16	15.34	15.05	15.5			36	19
15.23	15.26	15.29	15.5			36	39
15.21	15.25	15.31	15.5			75	0

LTE Band 2 Ant 2							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
18650	18900	19150	Channel				
1855	1880	1905	Frequency (MHz)				
20.41	20.34	20.39	20.5	QPSK	10MHz	1	0
20.21	20.16	20.20	20.5			1	24
20.08	20.10	20.13	20.5			1	49
19.43	19.33	19.42	19.5			25	0
19.30	19.26	19.36	19.5			25	12
19.18	19.19	19.23	19.5			25	25
19.32	19.34	19.24	19.5			50	0
19.09	18.96	18.95	19.5	16QAM		1	0
19.01	19.35	19.35	19.5			1	24
19.42	19.29	19.28	19.5			1	49
18.30	18.38	18.42	18.5			25	0
18.33	18.31	18.29	18.5			25	12
18.27	18.21	18.13	18.5			25	25
18.20	18.20	18.19	18.5			50	0
18.25	18.25	18.18	18.5	64QAM		1	0
18.11	18.34	18.22	18.5			1	24
18.38	18.29	18.35	18.5			1	49
17.45	17.40	17.45	17.5			25	0
17.38	17.30	17.38	17.5			25	12
17.47	17.30	17.39	17.5			25	25
17.31	17.28	17.30	17.5			50	0
15.34	15.32	15.33	15.5	256QAM		1	0
15.41	15.33	15.33	15.5			1	24
15.42	15.33	15.30	15.5			1	49
15.35	15.33	15.14	15.5			25	0
15.22	15.25	15.09	15.5			25	12
15.18	15.21	15.39	15.5			25	25
15.22	15.20	15.28	15.5			50	0

LTE Band 2 Ant 2							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
18625	18900	19175	Channel				
1852.5	1880	1907.5	Frequency (MHz)				
20.46	20.34	20.41	20.5	QPSK	5MHz	1	0
20.15	20.20	20.10	20.5			1	12
20.04	20.16	20.10	20.5			1	24
19.36	19.25	19.42	19.5			12	0
19.30	19.28	19.28	19.5			12	6
19.20	19.17	19.18	19.5			12	13
19.32	19.39	19.22	19.5			25	0
19.02	19.01	18.95	19.5	16QAM		1	0
18.98	19.27	19.34	19.5			1	12
19.35	19.32	19.24	19.5			1	24
18.29	18.35	18.45	18.5			12	0
18.27	18.28	18.34	18.5			12	6
18.27	18.17	18.14	18.5			12	13
18.11	18.23	18.11	18.5			25	0
18.27	18.22	18.21	18.5	64QAM		1	0
18.14	18.35	18.16	18.5			1	12
18.38	18.22	18.36	18.5			1	24
17.41	17.38	17.45	17.5			12	0
17.35	17.39	17.41	17.5			12	6
17.46	17.37	17.33	17.5			12	13
17.27	17.30	17.33	17.5			25	0
15.33	15.32	15.38	15.5	256QAM		1	0
15.42	15.29	15.29	15.5			1	12
15.42	15.29	15.38	15.5			1	24
15.35	15.32	15.07	15.5			12	0
15.20	15.30	15.00	15.5			12	6
15.16	15.28	15.38	15.5			12	13
15.18	15.22	15.18	15.5			25	0

LTE Band 2 Ant 2							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
18615	18900	19185	Channel				
1851.5	1880	1908.5	Frequency (MHz)				
20.44	20.34	20.42	20.5	QPSK	3MHz	1	0
20.25	20.21	20.14	20.5			1	7
20.03	20.15	20.05	20.5			1	14
19.44	19.33	19.35	19.5			8	0
19.32	19.28	19.34	19.5			8	3
19.20	19.21	19.22	19.5			8	7
19.34	19.36	19.28	19.5			15	0
19.07	19.05	18.98	19.5	16QAM		1	0
18.96	19.35	19.36	19.5			1	7
19.36	19.29	19.22	19.5			1	14
18.27	18.43	18.44	18.5			8	0
18.36	18.27	18.33	18.5			8	3
18.33	18.15	18.15	18.5			8	7
18.15	18.24	18.11	18.5			15	0
18.31	18.23	18.17	18.5	64QAM		1	0
18.11	18.36	18.22	18.5			1	7
18.36	18.30	18.35	18.5			1	14
17.43	17.39	17.45	17.5			8	0
17.31	17.33	17.41	17.5			8	3
17.46	17.27	17.36	17.5			8	7
17.31	17.27	17.33	17.5			15	0
15.36	15.26	15.40	15.5	256QAM		1	0
15.42	15.32	15.33	15.5			1	7
15.35	15.35	15.36	15.5			1	14
15.37	15.39	15.06	15.5			8	0
15.22	15.24	15.05	15.5			8	3
15.16	15.22	15.30	15.5			8	7
15.18	15.29	15.26	15.5			15	0

LTE Band 2 Ant 2							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
18607	18900	19193	Channel				
1850.7	1880	1909.3	Frequency (MHz)				
20.44	20.36	20.34	20.5	QPSK	1.4MHz	1	0
20.22	20.14	20.17	20.5			1	2
20.12	20.14	20.11	20.5			1	5
19.35	19.30	19.41	20.5			3	0
19.30	19.25	19.32	20.5			3	1
19.18	19.16	19.24	20.5			3	3
19.36	19.39	19.24	19.5	6		0	
19.04	19.05	18.95	19.5	16QAM		1	0
18.92	19.35	19.36	19.5			1	2
19.36	19.34	19.30	19.5			1	5
18.28	18.39	18.45	19.5			3	0
18.26	18.25	18.31	19.5			3	1
18.30	18.18	18.18	19.5			3	3
18.19	18.22	18.18	18.5	64QAM		6	0
18.26	18.20	18.21	18.5			1	0
18.10	18.37	18.20	18.5			1	2
18.31	18.21	18.39	18.5			1	5
17.45	17.42	17.40	18.5			3	0
17.37	17.30	17.32	18.5		3	1	
17.42	17.32	17.31	18.5	256QAM	3	3	
17.28	17.29	17.30	17.5		6	0	
15.31	15.26	15.36	15.5		1	0	
15.40	15.34	15.33	15.5		1	2	
15.40	15.32	15.31	15.5		1	5	
15.34	15.32	15.10	15.5		3	0	
15.15	15.32	15.10	15.5	3	1		
15.25	15.26	15.35	15.5	3	3		
15.20	15.27	15.23	15.5	6	0		



LTE Band 4 Ant 2							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
20050	20175	20300	Channel				
1720	1732.5	1745	Frequency (MHz)				
21.41	21.45	21.43	21.5	QPSK	20MHz	1	0
21.29	21.21	21.22	21.5			1	49
21.28	21.13	21.23	21.5			1	99
20.42	20.47	20.41	20.5			50	0
20.34	20.31	20.39	20.5			50	25
20.24	20.35	20.22	20.5			50	50
20.23	20.39	20.34	20.5			100	0
19.97	20.05	20.05	20.5	16QAM		1	0
20.42	20.03	20.42	20.5			1	49
20.45	20.42	20.36	20.5			1	99
19.34	19.44	19.44	19.5			50	0
19.33	19.40	19.38	19.5			50	25
19.36	19.34	19.30	19.5			50	50
19.26	19.21	19.24	19.5			100	0
19.18	19.29	19.31	19.5	64QAM		1	0
19.12	19.17	19.17	19.5			1	49
19.11	19.23	19.10	19.5			1	99
18.37	18.47	18.44	18.5			50	0
18.36	18.43	18.39	18.5			50	25
18.42	18.46	18.47	18.5			50	50
18.12	18.15	18.10	18.5			100	0
16.25	16.17	16.42	16.5	256QAM		1	0
16.12	16.40	16.37	16.5			1	49
16.35	16.49	16.36	16.5			1	99
16.16	16.21	16.15	16.5			50	0
16.27	16.21	16.21	16.5			50	25
16.44	16.29	16.36	16.5			50	50
16.38	16.27	16.36	16.5			100	0

LTE Band 4 Ant 2							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
20025	20175	20325	Channel				
1717.5	1732.5	1747.5	Frequency (MHz)				
21.31	21.40	21.40	21.5	QPSK	15MHz	1	0
21.25	21.27	21.14	21.5			1	37
21.24	21.16	21.20	21.5			1	74
20.40	20.39	20.33	20.5			36	0
20.38	20.41	20.34	20.5			36	19
20.30	20.34	20.25	20.5			36	39
20.21	20.32	19.97	20.5			75	0
19.94	20.05	20.07	20.5	16QAM		1	0
20.36	20.01	20.39	20.5			1	37
20.46	20.48	20.36	20.5			1	74
19.32	19.44	19.48	19.5			36	0
19.32	19.30	19.36	19.5			36	19
19.30	19.35	19.24	19.5			36	39
19.22	19.28	19.22	19.5			75	0
19.22	19.32	19.27	19.5	64QAM		1	0
19.16	19.14	19.25	19.5			1	37
19.13	19.18	19.17	19.5			1	74
18.39	18.41	18.47	18.5			36	0
18.37	18.34	18.41	18.5			36	19
18.41	18.47	18.39	18.5			36	39
18.05	18.15	18.15	18.5			75	0
16.23	16.16	16.39	16.5	256QAM		1	0
16.19	16.44	16.38	16.5			1	37
16.37	16.43	16.34	16.5			1	74
16.18	16.25	16.04	16.5			36	0
16.36	16.23	16.19	16.5			36	19
16.39	16.27	16.26	16.5			36	39
16.32	16.25	16.26	16.5			75	0

LTE Band 4 Ant 2							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
20000	20175	20350	Channel				
1715	1732.5	1750	Frequency (MHz)				
21.33	21.35	21.39	21.5	QPSK	10MHz	1	0
21.29	21.27	21.21	21.5			1	24
21.30	21.22	21.20	21.5			1	49
20.38	20.42	20.37	20.5			25	0
20.34	20.35	20.34	20.5			25	12
20.28	20.27	20.23	20.5			25	25
20.29	20.26	19.95	20.5			50	0
19.95	20.04	20.03	20.5	16QAM		1	0
20.40	19.94	20.41	20.5			1	24
20.45	20.48	20.35	20.5			1	49
19.29	19.39	19.43	19.5			25	0
19.36	19.32	19.32	19.5			25	12
19.38	19.36	19.23	19.5			25	25
19.18	19.25	19.24	19.5			50	0
19.22	19.30	19.31	19.5	64QAM		1	0
19.16	19.20	19.24	19.5			1	24
19.20	19.18	19.18	19.5			1	49
18.40	18.44	18.42	18.5			25	0
18.37	18.35	18.39	18.5			25	12
18.42	18.45	18.40	18.5			25	25
18.13	18.12	18.09	18.5			50	0
16.26	16.12	16.36	16.5	256QAM		1	0
16.11	16.47	16.37	16.5			1	24
16.34	16.47	16.35	16.5			1	49
16.22	16.22	16.21	16.5			25	0
16.36	16.21	16.18	16.5			25	12
16.37	16.35	16.32	16.5			25	25
16.37	16.32	16.25	16.5			50	0

LTE Band 4 Ant 2							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
19975	20175	20375	Channel				
1712.5	1732.5	1752.5	Frequency (MHz)				
21.29	21.37	21.34	21.5	QPSK	5MHz	1	0
21.24	21.25	21.13	21.5			1	12
21.29	21.18	21.13	21.5			1	24
20.41	20.42	20.40	20.5			12	0
20.29	20.33	20.37	20.5			12	6
20.31	20.34	20.26	20.5			12	13
20.29	20.31	19.96	20.5			25	0
19.95	20.08	20.06	20.5	16QAM		1	0
20.42	20.03	20.37	20.5			1	12
20.41	20.45	20.37	20.5			1	24
19.27	19.36	19.48	19.5			12	0
19.32	19.30	19.32	19.5			12	6
19.31	19.27	19.28	19.5			12	13
19.19	19.22	19.23	19.5			25	0
19.19	19.31	19.33	19.5	64QAM		1	0
19.22	19.17	19.21	19.5			1	12
19.13	19.16	19.16	19.5			1	24
18.38	18.47	18.44	18.5			12	0
18.36	18.44	18.42	18.5			12	6
18.36	18.42	18.44	18.5			12	13
18.07	18.10	18.09	18.5			25	0
16.28	16.16	16.35	16.5	256QAM		1	0
16.10	16.41	16.35	16.5			1	12
16.42	16.43	16.29	16.5			1	24
16.18	16.23	16.07	16.5			12	0
16.33	16.29	16.04	16.5			12	6
16.39	16.34	16.34	16.5			12	13
16.30	16.35	16.31	16.5			25	0

LTE Band 4 Ant 2							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
19965	20175	20385	Channel				
1711.5	1732.5	1753.5	Frequency (MHz)				
21.33	21.40	21.30	21.5	QPSK	3MHz	1	0
21.21	21.26	21.18	21.5			1	7
21.32	21.19	21.14	21.5			1	14
20.32	20.38	20.43	20.5			8	0
20.35	20.40	20.38	20.5			8	3
20.30	20.31	20.26	20.5			8	7
20.23	20.29	20.00	20.5			15	0
20.01	20.02	20.04	20.5	16QAM		1	0
20.44	19.98	20.43	20.5			1	7
20.42	20.39	20.32	20.5			1	14
19.27	19.44	19.46	19.5			8	0
19.31	19.36	19.40	19.5			8	3
19.40	19.31	19.23	19.5			8	7
19.22	19.25	19.22	19.5			15	0
19.15	19.32	19.28	19.5	64QAM		1	0
19.13	19.18	19.24	19.5			1	7
19.17	19.19	19.16	19.5			1	14
18.40	18.40	18.47	18.5			8	0
18.41	18.36	18.48	18.5			8	3
18.35	18.47	18.43	18.5			8	7
18.14	18.07	18.09	18.5			15	0
16.24	16.11	16.35	16.5	256QAM		1	0
16.20	16.46	16.36	16.5			1	7
16.36	16.48	16.29	16.5			1	14
16.23	16.23	16.17	16.5			8	0
16.34	16.30	16.05	16.5			8	3
16.40	16.34	16.43	16.5			8	7
16.40	16.27	16.34	16.5			15	0

LTE Band 4 Ant 2							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
19957	20175	20393	Channel				
1710.7	1732.5	1754.3	Frequency (MHz)				
21.27	21.32	21.35	21.5	QPSK	1.4MHz	1	0
21.24	21.29	21.17	21.5			1	2
21.31	21.18	21.17	21.5			1	5
20.38	20.48	20.33	21.5			3	0
20.31	20.34	20.29	21.5			3	1
20.29	20.26	20.21	21.5			3	3
20.31	20.30	19.96	20.5			6	0
20.03	20.07	20.08	20.5	16QAM		1	0
20.36	19.95	20.36	20.5			1	2
20.47	20.42	20.30	20.5			1	5
19.34	19.43	19.39	20.5			3	0
19.34	19.40	19.36	20.5			3	1
19.40	19.27	19.30	20.5			3	3
19.21	19.27	19.22	19.5			6	0
19.14	19.30	19.34	19.5	64QAM		1	0
19.21	19.19	19.17	19.5			1	2
19.19	19.13	19.18	19.5			1	5
18.40	18.43	18.39	19.5			3	0
18.43	18.37	18.46	19.5			3	1
18.38	18.42	18.44	19.5			3	3
18.08	18.09	18.16	18.5			6	0
16.25	16.20	16.39	16.5	256QAM		1	0
16.20	16.48	16.35	16.5			1	2
16.43	16.42	16.32	16.5			1	5
16.19	16.24	16.12	16.5			3	0
16.31	16.24	16.08	16.5			3	1
16.43	16.34	16.29	16.5			3	3
16.35	16.26	16.26	16.5			6	0

LTE Band 7 Ant 2							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
20850	21100	21350	Channel				
2510	2535	2560	Frequency (MHz)				
21.36	21.48	21.46	21.5	QPSK	20MHz	1	0
21.23	21.31	21.20	21.5			1	49
21.31	21.17	21.15	21.5			1	99
20.37	20.46	20.43	20.5			50	0
20.37	20.41	20.32	20.5			50	25
20.24	20.29	20.26	20.5			50	50
20.31	20.32	20.33	20.5			100	0
19.93	20.02	20.02	20.5	16QAM		1	0
20.45	19.98	20.43	20.5			1	49
20.43	20.48	20.39	20.5			1	99
19.27	19.34	19.46	19.5			50	0
19.36	19.38	19.35	19.5			50	25
19.40	19.31	19.25	19.5			50	50
19.25	19.26	19.20	19.5			100	0
19.17	19.32	19.30	19.5	64QAM		1	0
19.21	19.19	19.16	19.5			1	49
19.21	19.14	19.17	19.5			1	99
18.34	18.48	18.44	18.5			50	0
18.44	18.37	18.41	18.5			50	25
18.42	18.44	18.39	18.5			50	50
18.05	18.10	18.17	18.5			100	0
16.26	16.17	16.35	16.5	256QAM		1	0
16.10	16.45	16.43	16.5			1	49
16.35	16.42	16.33	16.5			1	99
16.26	16.27	16.20	16.5			50	0
16.36	16.30	16.08	16.5			50	25
16.45	16.34	16.36	16.5			50	50
16.37	16.34	16.22	16.5			100	0

LTE Band 7 Ant 2							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
20825	21100	21375	Channel				
2507.5	2535	2562.5	Frequency (MHz)				
21.38	21.43	21.43	21.5	QPSK	15MHz	1	0
21.24	21.28	21.13	21.5			1	37
21.28	21.12	21.19	21.5			1	74
20.34	20.45	20.36	20.5			36	0
20.31	20.40	20.30	20.5			36	19
20.25	20.33	20.28	20.5			36	39
20.29	20.29	19.96	20.5			75	0
19.93	20.04	20.01	20.5	16QAM		1	0
20.44	20.00	20.42	20.5			1	37
20.38	20.41	20.35	20.5			1	74
19.29	19.41	19.47	19.5			36	0
19.40	19.40	19.33	19.5			36	19
19.37	19.30	19.30	19.5			36	39
19.26	19.26	19.26	19.5			75	0
19.14	19.31	19.26	19.5	64QAM		1	0
19.19	19.17	19.17	19.5			1	37
19.11	19.17	19.18	19.5			1	74
18.36	18.42	18.39	18.5			36	0
18.37	18.35	18.40	18.5			36	19
18.41	18.44	18.42	18.5			36	39
18.14	18.08	18.16	18.5			75	0
16.28	16.21	16.36	16.5	256QAM		1	0
16.20	16.45	16.34	16.5			1	37
16.42	16.41	16.40	16.5			1	74
16.17	16.25	16.13	16.5			36	0
16.28	16.27	16.15	16.5			36	19
16.43	16.32	16.27	16.5			36	39
16.35	16.33	16.20	16.5			75	0



LTE Band 7 Ant 2							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
20800	21100	21400	Channel				
2505	2535	2565	Frequency (MHz)				
21.35	21.40	21.41	21.5	QPSK	10MHz	1	0
21.19	21.27	21.21	21.5			1	24
21.23	21.17	21.20	21.5			1	49
20.38	20.41	20.39	20.5			25	0
20.38	20.38	20.32	20.5			25	12
20.28	20.26	20.19	20.5			25	25
20.22	20.31	20.00	20.5			50	0
19.93	20.06	20.07	20.5	16QAM		1	0
20.44	19.96	20.40	20.5			1	24
20.37	20.45	20.39	20.5			1	49
19.27	19.42	19.39	19.5			25	0
19.33	19.35	19.32	19.5			25	12
19.36	19.36	19.22	19.5			25	25
19.18	19.26	19.27	19.5			50	0
19.15	19.33	19.28	19.5	64QAM		1	0
19.18	19.20	19.19	19.5			1	24
19.16	19.14	19.16	19.5			1	49
18.36	18.46	18.40	18.5			25	0
18.44	18.35	18.45	18.5			25	12
18.41	18.42	18.38	18.5			25	25
18.07	18.15	18.17	18.5			50	0
16.29	16.19	16.35	16.5	256QAM		1	0
16.14	16.41	16.40	16.5			1	24
16.39	16.48	16.39	16.5			1	49
16.20	16.28	16.13	16.5			25	0
16.36	16.29	16.20	16.5			25	12
16.43	16.34	16.32	16.5			25	25
16.37	16.25	16.31	16.5			50	0

LTE Band 7 Ant 2							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
20775	21100	21425	Channel				
2502.5	2535	2567.5	Frequency (MHz)				
21.41	21.40	21.44	21.5	QPSK	5MHz	1	0
21.28	21.23	21.20	21.5			1	12
21.30	21.20	21.23	21.5			1	24
20.41	20.40	20.39	20.5			12	0
20.32	20.35	20.36	20.5			12	6
20.23	20.27	20.28	20.5			12	13
20.22	20.29	19.95	20.5			25	0
19.95	20.01	20.00	20.5	16QAM		1	0
20.39	20.01	20.39	20.5			1	12
20.40	20.48	20.33	20.5			1	24
19.36	19.42	19.41	19.5			12	0
19.31	19.40	19.33	19.5			12	6
19.37	19.35	19.22	19.5			12	13
19.23	19.23	19.29	19.5			25	0
19.14	19.35	19.28	19.5	64QAM		1	0
19.14	19.19	19.19	19.5			1	12
19.20	19.17	19.15	19.5			1	24
18.37	18.43	18.43	18.5			12	0
18.35	18.41	18.38	18.5			12	6
18.38	18.45	18.40	18.5			12	13
18.07	18.16	18.13	18.5			25	0
16.31	16.14	16.41	16.5	256QAM		1	0
16.16	16.42	16.38	16.5			1	12
16.41	16.47	16.43	16.5			1	24
16.26	16.23	16.15	16.5			12	0
16.36	16.27	16.22	16.5			12	6
16.43	16.25	16.37	16.5			12	13
16.35	16.28	16.28	16.5			25	0

LTE Band 25 Ant 2							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
26140	26365	26590	Channel				
1860	1882.5	1905	Frequency (MHz)				
20.30	20.43	20.38	20.5	QPSK	20MHz	1	0
20.16	20.17	20.17	20.5			1	49
20.13	20.13	20.08	20.5			1	99
19.31	19.44	19.40	19.5			50	0
19.28	19.26	19.28	19.5			50	25
19.43	19.18	19.19	19.5			50	50
19.36	19.31	19.28	19.5			100	0
19.08	18.96	18.97	19.5	16QAM		1	0
19.02	19.26	19.37	19.5			1	49
19.38	19.29	19.31	19.5			1	99
18.27	18.43	18.42	18.5			50	0
18.26	18.28	18.27	18.5			50	25
18.27	18.12	18.13	18.5			50	50
18.17	18.18	18.15	18.5	64QAM		100	0
18.27	18.27	18.23	18.5			1	0
18.15	18.14	18.20	18.5			1	49
18.12	18.01	18.12	18.5			1	99
17.42	17.43	17.41	17.5			50	0
17.33	17.36	17.41	17.5			50	25
17.49	17.34	17.31	17.5			50	50
17.12	17.10	17.09	17.5	100		0	
15.16	15.29	15.32	15.5	256QAM		1	0
15.34	15.29	15.38	15.5			1	49
15.39	15.35	15.30	15.5			1	99
15.12	15.15	15.11	15.5			50	0
15.16	15.08	15.03	15.5			50	25
15.22	15.24	15.40	15.5			50	50
15.24	15.21	15.20	15.5			100	0

LTE Band 25 Ant 2								
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset	
26115	26365	26615	Channel					
1857.5	1882.5	1907.5	Frequency (MHz)					
20.42	20.38	20.40	20.5	QPSK	15MHz	1	0	
20.19	20.13	20.10	20.5			1	37	
20.08	20.14	20.12	20.5			1	74	
19.40	19.29	19.33	19.5			36	0	
19.29	19.33	19.28	19.5			36	19	
19.19	19.15	19.17	19.5			36	39	
19.22	18.95	18.96	19.5			75	0	
19.08	18.99	19.00	19.5	16QAM		1	0	
18.93	19.35	19.44	19.5			1	37	
19.42	19.34	19.32	19.5			1	74	
18.30	18.35	18.40	18.5			36	0	
18.35	18.32	18.32	18.5			36	19	
18.25	18.16	18.19	18.5			36	39	
18.12	18.17	18.13	18.5			75	0	
18.30	18.23	18.20	18.5	64QAM		1	0	
18.14	18.14	18.22	18.5			1	37	
18.11	18.06	18.10	18.5			1	74	
17.36	17.41	17.37	17.5			36	0	
17.31	17.39	17.39	17.5			36	19	
17.45	17.28	17.36	17.5			36	39	
17.06	17.07	17.18	17.5			75	0	
15.11	15.26	15.39	15.5	256QAM		1	0	
15.33	15.26	15.30	15.5			1	37	
15.40	15.33	15.33	15.5			1	74	
15.12	15.19	15.03	15.5			36	0	
15.21	15.07	15.09	15.5			36	19	
15.24	15.19	15.27	15.5			36	39	
15.17	15.22	15.20	15.5			75	0	

LTE Band 25 Ant 2							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
26090	26365	26640	Channel				
1855	1882.5	1910	Frequency (MHz)				
20.37	20.30	20.35	20.5	QPSK	10MHz	1	0
20.22	20.12	20.20	20.5			1	24
20.06	20.09	20.06	20.5			1	49
19.42	19.32	19.42	19.5			25	0
19.30	19.27	19.36	19.5			25	12
19.26	19.22	19.17	19.5			25	25
19.21	18.93	18.96	19.5			50	0
19.01	18.96	18.93	19.5	16QAM		1	0
18.95	19.28	19.37	19.5			1	24
19.40	19.32	19.30	19.5			1	49
18.26	18.40	18.43	18.5			25	0
18.29	18.28	18.27	18.5			25	12
18.32	18.21	18.21	18.5			25	25
18.12	18.20	18.16	18.5			50	0
18.27	18.25	18.25	18.5	64QAM		1	0
18.19	18.10	18.17	18.5			1	24
18.17	18.01	18.14	18.5			1	49
17.41	17.38	17.38	17.5			25	0
17.31	17.37	17.37	17.5			25	12
17.44	17.30	17.37	17.5			25	25
17.07	17.03	17.10	17.5			50	0
15.10	15.36	15.39	15.5	256QAM		1	0
15.35	15.25	15.33	15.5			1	24
15.42	15.26	15.30	15.5			1	49
15.10	15.09	15.13	15.5			25	0
15.22	15.11	15.03	15.5			25	12
15.20	15.20	15.32	15.5			25	25
15.25	15.28	15.28	15.5			50	0

LTE Band 25 Ant 2							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
26065	26365	26665	Channel				
1852.5	1882.5	1912.5	Frequency (MHz)				
20.41	20.30	20.42	20.5	QPSK	5MHz	1	0
20.16	20.11	20.17	20.5			1	12
20.07	20.11	20.13	20.5			1	24
19.37	19.35	19.43	19.5			12	0
19.35	19.25	19.36	19.5			12	6
19.17	19.15	19.26	19.5			12	13
19.31	18.93	18.91	19.5			25	0
19.03	18.95	18.98	19.5	16QAM		1	0
19.01	19.36	19.38	19.5			1	12
19.42	19.26	19.22	19.5			1	24
18.26	18.33	18.40	18.5			12	0
18.34	18.24	18.28	18.5			12	6
18.35	18.17	18.18	18.5			12	13
18.16	18.25	18.14	18.5			25	0
18.22	18.27	18.26	18.5	64QAM		1	0
18.17	18.12	18.17	18.5			1	12
18.19	18.09	18.19	18.5			1	24
17.39	17.38	17.40	17.5			12	0
17.39	17.38	17.39	17.5			12	6
17.41	17.33	17.32	17.5			12	13
17.11	17.04	17.08	17.5			25	0
15.07	15.27	15.40	15.5	256QAM		1	0
15.35	15.28	15.34	15.5			1	12
15.34	15.35	15.32	15.5			1	24
15.12	15.13	15.12	15.5			12	0
15.14	15.14	15.12	15.5			12	6
15.22	15.21	15.38	15.5			12	13
15.20	15.24	15.34	15.5			25	0

LTE Band 25 Ant 2							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
26055	26365	26675	Channel				
1851.5	1882.5	1913.5	Frequency (MHz)				
20.43	20.39	20.34	20.5	QPSK	3MHz	1	0
20.21	20.18	20.16	20.5			1	7
20.04	20.09	20.04	20.5			1	14
19.45	19.32	19.33	19.5			8	0
19.30	19.32	19.33	19.5			8	3
19.22	19.17	19.24	19.5			8	7
19.35	18.99	19.00	19.5			15	0
19.10	18.95	18.96	19.5	16QAM		1	0
18.92	19.28	19.39	19.5			1	7
19.42	19.26	19.30	19.5			1	14
18.31	18.42	18.44	18.5			8	0
18.34	18.31	18.29	18.5			8	3
18.33	18.21	18.17	18.5			8	7
18.17	18.19	18.18	18.5			15	0
18.27	18.20	18.18	18.5	64QAM		1	0
18.19	18.13	18.14	18.5			1	7
18.15	18.01	18.16	18.5			1	14
17.42	17.44	17.44	17.5			8	0
17.32	17.32	17.37	17.5			8	3
17.40	17.32	17.38	17.5			8	7
17.14	17.07	17.09	17.5			15	0
15.13	15.31	15.36	15.5	256QAM		1	0
15.42	15.29	15.37	15.5			1	7
15.42	15.35	15.28	15.5			1	14
15.11	15.12	15.14	15.5			8	0
15.22	15.13	14.96	15.5			8	3
15.24	15.18	15.25	15.5			8	7
15.15	15.23	15.26	15.5			15	0

LTE Band 25 Ant 2							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
26047	26365	26683	Channel				
1850.7	1882.5	1914.3	Frequency (MHz)				
20.43	20.34	20.35	20.5	QPSK	1.4MHz	1	0
20.15	20.16	20.14	20.5			1	2
20.05	20.16	20.04	20.5			1	5
19.40	19.33	19.41	20.5			3	0
19.28	19.30	19.37	20.5			3	1
19.25	19.18	19.19	20.5			3	3
19.39	18.89	19.00	19.5			6	0
19.04	19.03	18.93	19.5	16QAM		1	0
18.97	19.32	19.40	19.5			1	2
19.39	19.31	19.25	19.5			1	5
18.28	18.41	18.39	19.5			3	0
18.35	18.32	18.29	19.5			3	1
18.28	18.15	18.17	19.5			3	3
18.20	18.22	18.16	18.5			6	0
18.30	18.23	18.26	18.5	64QAM		1	0
18.20	18.19	18.21	18.5			1	2
18.16	18.10	18.19	18.5			1	5
17.44	17.43	17.44	18.5			3	0
17.40	17.36	17.41	18.5			3	1
17.41	17.35	17.33	18.5			3	3
17.12	17.03	17.08	17.5			6	0
15.13	15.31	15.32	15.5	256QAM		1	0
15.36	15.26	15.29	15.5			1	2
15.42	15.30	15.27	15.5			1	5
15.15	15.15	15.09	15.5			3	0
15.24	15.12	14.95	15.5			3	1
15.25	15.21	15.34	15.5			3	3
15.16	15.26	15.34	15.5			6	0



LTE Band 30 Ant 2							
Maximum Average Power (dBm)		Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset	
27710		Channel					
2310		Frequency (MHz)					
	21.47	21.5	QPSK	10MHz	1	0	
	21.25	21.5			1	24	
	21.15	21.5			1	49	
	20.46	20.5			25	0	
	20.38	20.5			25	12	
	20.26	20.5			25	25	
	20.42	20.5			50	0	
	20.06	20.5	16QAM		1	0	
	19.95	20.5			1	24	
	20.39	20.5			1	49	
	19.42	19.5			25	0	
	19.37	19.5			25	12	
	19.29	19.5			25	25	
	19.21	19.5			50	0	
	19.31	19.5	64QAM		1	0	
	19.17	19.5			1	24	
	19.16	19.5			1	49	
	18.48	18.5			25	0	
	18.44	18.5			25	12	
	18.48	18.5			25	25	
	18.16	18.5			50	0	
	16.18	16.5	256QAM		1	0	
	16.40	16.5			1	24	
	16.39	16.5			1	49	
	16.19	16.5			25	0	
	16.24	16.5			25	12	
	16.30	16.5			25	25	
	16.28	16.5			50	0	

LTE Band 30 Ant 2							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
27685	27710	27735	Channel				
2307.5	2310	2312.5	Frequency (MHz)				
23.06	22.90	23.05	21.5	QPSK	5MHz	1	0
23.04	22.95	22.93	21.5			1	12
23.00	23.02	22.97	21.5			1	24
22.65	22.51	22.52	20.5			12	0
22.66	22.63	22.53	20.5			12	6
22.61	22.61	22.60	20.5			12	13
22.67	22.54	22.61	20.5			25	0
22.64	22.54	22.62	20.5	16QAM		1	0
22.66	22.53	22.54	20.5			1	12
22.64	22.62	22.64	20.5			1	24
21.65	21.53	21.58	19.5			12	0
21.55	21.64	21.69	19.5			12	6
21.64	21.56	21.58	19.5			12	13
21.64	21.51	21.64	19.5			25	0
21.57	21.68	21.51	19.5	64QAM		1	0
21.59	21.60	21.70	19.5			1	12
21.65	21.59	21.64	19.5			1	24
20.67	20.64	20.58	18.5			12	0
20.63	20.52	20.59	18.5			12	6
20.65	20.67	20.62	18.5			12	13
20.68	20.64	20.68	18.5			25	0
18.60	18.77	18.56	16.5	256QAM		1	0
18.77	18.87	18.71	16.5			1	12
18.91	18.77	18.84	16.5			1	24
18.87	18.56	18.83	16.5			12	0
18.66	18.67	18.75	16.5			12	6
18.59	18.98	18.59	16.5			12	13
18.84	18.54	18.57	16.5			25	0

LTE Band 38 Ant 2							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
37850	38000	38150	Channel				
2580	2595	2610	Frequency (MHz)				
23.42	23.45	23.43	23.5	QPSK	20MHz	1	0
23.17	23.21	23.16	23.5			1	49
23.12	23.15	23.05	23.5			1	99
22.36	22.41	22.39	22.5			50	0
22.28	22.33	22.32	22.5			50	25
22.22	22.12	22.18	22.5			50	50
22.36	22.41	22.26	22.5			100	0
22.11	22.03	21.96	22.5	16QAM		1	0
21.95	22.27	22.36	22.5			1	49
22.33	22.25	22.31	22.5			1	99
21.33	21.42	21.45	21.5			50	0
21.28	21.31	21.29	21.5			50	25
21.26	21.17	21.17	21.5			50	50
21.10	21.25	21.18	21.5			100	0
21.24	21.19	21.26	21.5	64QAM		1	0
21.19	21.19	21.15	21.5			1	49
21.12	21.04	21.15	21.5			1	99
20.35	20.34	20.40	20.5			50	0
20.36	20.36	20.41	20.5			50	25
20.48	20.28	20.32	20.5			50	50
20.10	20.04	20.12	20.5			100	0
18.07	18.29	18.39	18.5	256QAM		1	0
18.40	18.25	18.29	18.5			1	49
18.41	18.28	18.37	18.5			1	99
18.12	18.18	18.12	18.5			50	0
18.15	18.11	18.03	18.5			50	25
18.20	18.19	18.37	18.5			50	50
18.25	18.19	18.25	18.5			100	0

LTE Band 38 Ant 2							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
37825	38000	38175	Channel				
2577.5	2595	2612.5	Frequency (MHz)				
23.43	23.37	23.40	23.5	QPSK	15MHz	1	0
23.19	23.12	23.10	23.5			1	37
23.04	23.15	23.08	23.5			1	74
22.40	22.32	22.42	22.5			36	0
22.35	22.29	22.38	22.5			36	19
22.18	22.13	22.17	22.5			36	39
22.32	22.40	22.26	22.5			75	0
22.06	22.05	22.02	22.5	16QAM		1	0
21.99	22.34	22.43	22.5			1	37
22.36	22.27	22.24	22.5			1	74
21.27	21.42	21.46	21.5			36	0
21.26	21.27	21.34	21.5			36	19
21.32	21.16	21.18	21.5			36	39
21.20	21.23	21.15	21.5			75	0
21.23	21.29	21.20	21.5	64QAM		1	0
21.12	21.17	21.18	21.5			1	37
21.19	21.01	21.10	21.5			1	74
20.44	20.36	20.40	20.5			36	0
20.32	20.31	20.35	20.5			36	19
20.42	20.33	20.29	20.5			36	39
20.11	20.12	20.18	20.5			75	0
18.08	18.35	18.34	18.5	256QAM		1	0
18.40	18.28	18.38	18.5			1	37
18.39	18.28	18.33	18.5			1	74
18.09	18.10	18.01	18.5			36	0
18.23	18.08	18.06	18.5			36	19
18.22	18.18	18.41	18.5			36	39
18.19	18.19	18.28	18.5			75	0

LTE Band 38 Ant 2							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
37800	38000	38200	Channel				
2575	2595	2615	Frequency (MHz)				
23.41	23.32	23.43	23.5	QPSK	10MHz	1	0
23.21	23.16	23.13	23.5			1	24
23.08	23.12	23.07	23.5			1	49
22.43	22.26	22.37	22.5			25	0
22.36	22.25	22.36	22.5			25	12
22.19	22.19	22.19	22.5			25	25
22.36	22.36	22.26	22.5			50	0
22.04	22.05	21.97	22.5	16QAM		1	0
22.02	22.35	22.36	22.5			1	24
22.39	22.28	22.27	22.5			1	49
21.32	21.43	21.46	21.5			25	0
21.29	21.31	21.35	21.5			25	12
21.29	21.12	21.14	21.5			25	25
21.19	21.21	21.16	21.5			50	0
21.29	21.21	21.26	21.5	64QAM		1	0
21.15	21.18	21.22	21.5			1	24
21.12	21.10	21.10	21.5			1	49
20.40	20.37	20.43	20.5			25	0
20.33	20.34	20.34	20.5			25	12
20.42	20.28	20.31	20.5			25	25
20.10	20.11	20.09	20.5			50	0
18.13	18.29	18.34	18.5	256QAM		1	0
18.38	18.33	18.32	18.5			1	24
18.36	18.30	18.35	18.5			1	49
18.13	18.19	18.11	18.5			25	0
18.18	18.04	18.01	18.5			25	12
18.16	18.26	18.33	18.5			25	25
18.23	18.26	18.30	18.5			50	0

LTE Band 38 Ant 2							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
37775	38000	38225	Channel				
2572.5	2595	2617.5	Frequency (MHz)				
23.38	23.35	23.43	23.5	QPSK	5MHz	1	0
23.22	23.17	23.10	23.5			1	12
23.13	23.15	23.14	23.5			1	24
22.38	22.28	22.40	22.5			12	0
22.28	22.30	22.31	22.5			12	6
22.24	22.13	22.20	22.5			12	13
22.35	22.38	22.22	22.5			25	0
22.04	22.03	21.98	22.5	16QAM		1	0
21.95	22.29	22.34	22.5			1	12
22.36	22.27	22.24	22.5			1	24
21.29	21.36	21.43	21.5			12	0
21.26	21.27	21.25	21.5			12	6
21.31	21.17	21.21	21.5			12	13
21.15	21.25	21.17	21.5			25	0
21.22	21.26	21.21	21.5	64QAM		1	0
21.14	21.12	21.24	21.5			1	12
21.10	21.03	21.17	21.5			1	24
20.37	20.34	20.37	20.5			12	0
20.32	20.30	20.35	20.5			12	6
20.39	20.29	20.35	20.5			12	13
20.07	20.10	20.10	20.5			25	0
18.08	18.36	18.38	18.5	256QAM		1	0
18.35	18.34	18.37	18.5			1	12
18.38	18.28	18.35	18.5			1	24
18.13	18.12	18.03	18.5			12	0
18.17	18.11	18.11	18.5			12	6
18.20	18.22	18.38	18.5			12	13
18.19	18.24	18.31	18.5			25	0

LTE Band 40 Ant 2							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
38750	39150	39550	Channel				
2310	2350	2390	Frequency (MHz)				
23.45	23.39	23.43	23.5	QPSK	20 MHz	1	0
23.02	23.20	23.45	23.5			1	49
22.97	23.10	23.32	23.5			1	99
22.47	22.35	22.39	22.5			50	0
22.26	22.33	22.26	22.5			50	25
22.20	22.15	22.45	22.5			50	50
22.37	22.31	22.31	22.5			100	0
21.97	22.05	22.44	22.5	16QAM		1	0
22.31	21.93	22.27	22.5			1	49
22.30	22.25	22.20	22.5			1	99
21.42	21.32	21.23	21.5			50	0
21.24	21.26	21.41	21.5			50	25
21.17	21.22	21.41	21.5			50	50
21.17	20.97	21.42	21.5	64QAM		100	0
21.21	21.28	21.43	21.5			1	0
21.11	20.97	21.29	21.5			1	49
21.06	21.02	21.21	21.5			1	99
20.35	20.36	20.37	20.5			50	0
20.34	20.28	20.21	20.5			50	25
20.34	20.26	20.25	20.5			50	50
20.09	20.07	20.30	20.5	100		0	
18.29	18.01	18.42	18.5	256QAM		1	0
18.28	18.30	18.20	18.5			1	49
18.35	18.37	18.24	18.5			1	99
18.15	17.96	18.21	18.5			50	0
18.05	18.12	18.33	18.5			50	25
18.19	18.24	18.36	18.5			50	50
18.20	18.06	18.43	18.5			100	0

LTE Band 40 Ant 2							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
38725	39150	39575	Channel				
2307.5	2350	2392.5	Frequency (MHz)				
23.38	23.35	23.41	23.5	QPSK	15 MHz	1	0
22.99	23.14	23.37	23.5			1	37
22.96	23.04	23.29	23.5			1	74
22.37	22.33	22.34	22.5			36	0
22.21	22.29	22.17	22.5			36	19
22.13	22.12	22.42	22.5			36	39
22.33	22.30	22.21	22.5			75	0
21.87	22.05	22.37	22.5	16QAM		1	0
22.28	21.83	22.20	22.5			1	37
22.27	22.20	22.15	22.5			1	74
21.34	21.24	21.20	21.5			36	0
21.24	21.16	21.37	21.5			36	19
21.11	21.21	21.35	21.5			36	39
21.17	20.92	21.38	21.5			75	0
18.23	17.92	18.37	21.5	64QAM		1	0
18.23	18.21	18.10	21.5			1	37
18.34	18.37	18.18	21.5			1	74
18.12	17.96	18.18	20.5			36	0
17.98	18.07	18.32	20.5			36	19
18.16	18.15	18.29	20.5			36	39
18.16	18.01	18.37	20.5			75	0
18.38	18.35	18.37	18.5	256QAM		1	0
17.97	18.08	18.36	18.5			1	37
17.94	18.02	18.21	18.5			1	74
18.37	18.29	18.24	18.5			36	0
18.18	18.26	18.11	18.5			36	19
18.28	18.27	18.19	18.5			36	39
18.11	18.12	17.96	18.5			75	0



LTE Band 40 Ant 2							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
38700	39150	39600	Channel				
2305	2350	2395	Frequency (MHz)				
23.29	23.29	23.33	23.5	QPSK	10 MHz	1	0
23.11	23.14	22.98	23.5			1	24
23.05	23.13	23.02	23.5			1	49
22.30	22.28	22.33	22.5			25	0
22.27	22.19	22.23	22.5			25	12
22.25	22.15	22.21	22.5			25	25
22.28	22.27	22.22	22.5			50	0
22.03	21.94	21.93	22.5	16QAM		1	0
21.82	22.26	22.30	22.5			1	24
22.28	22.26	22.16	22.5			1	49
21.18	21.25	21.24	21.5			25	0
21.16	21.19	21.24	21.5			25	12
21.19	21.09	21.23	21.5			25	25
20.96	21.12	21.08	21.5			50	0
21.11	21.19	21.22	21.5	64QAM		1	0
21.16	21.08	21.08	21.5			1	24
21.02	20.90	21.01	21.5			1	49
20.33	20.25	20.36	20.5			25	0
20.38	20.31	20.21	20.5			25	12
20.28	20.23	20.17	20.5			25	25
20.07	20.06	19.94	20.5			50	0
18.09	18.23	18.26	18.5	256QAM		1	0
18.32	18.19	18.29	18.5			1	24
18.29	18.27	18.16	18.5			1	49
18.02	18.06	17.97	18.5			25	0
18.13	18.08	17.99	18.5			25	12
18.12	18.16	18.25	18.5			25	25
18.10	18.26	18.22	18.5			50	0

LTE Band 40 Ant 2							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
38725	38750	38775	Channel				
2307.5	2310	2312.5	Frequency (MHz)				
23.28	23.19	23.30	23.5	QPSK	5 MHz	1	0
23.20	23.12	23.08	23.5			1	12
22.92	23.03	22.96	23.5			1	24
22.38	22.30	22.25	22.5			12	0
22.26	22.16	22.23	22.5			12	6
22.24	22.03	22.09	22.5			12	13
22.23	22.32	22.11	22.5			25	0
21.95	21.93	21.97	22.5	16QAM		1	0
21.95	22.31	22.39	22.5			1	12
22.24	22.24	22.13	22.5			1	24
21.26	21.26	21.48	21.5			12	0
21.34	21.18	21.23	21.5			12	6
21.22	21.09	20.99	21.5			12	13
21.05	21.03	21.12	21.5			25	0
21.09	21.14	21.09	21.5	64QAM		1	0
21.13	21.07	21.17	21.5			1	12
21.01	21.07	21.04	21.5			1	24
20.38	20.38	20.35	20.5			12	0
20.35	20.33	20.26	20.5			12	6
20.44	20.24	20.20	20.5			12	13
20.07	20.04	20.04	20.5			25	0
18.03	18.30	18.23	18.5	256QAM		1	0
18.26	18.24	18.28	18.5			1	12
18.29	18.25	18.33	18.5			1	24
17.99	18.17	18.05	18.5			12	0
18.13	18.05	17.85	18.5			12	6
18.08	18.17	18.09	18.5			12	13
18.15	18.06	18.24	18.5			25	0

LTE Band 41 Ant 2									
Maximum Average Power (dBm)					Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
39750	40185	40620	41055	41490	Channel				
2506	2549.5	2593	2636.5	2680	Frequency (MHz)				
23.37	23.33	23.47	23.36	23.41	23.5	QPSK	20MHz	1	0
23.22	23.14	23.19	23.21	23.18	23.5			1	49
23.09	23.19	23.11	23.16	23.05	23.5			1	99
22.41	22.30	22.42	22.34	22.35	22.5			50	0
22.36	22.30	22.34	22.29	22.32	22.5			50	25
22.18	22.13	22.17	22.21	22.19	22.5			50	50
22.29	22.32	22.41	22.33	22.28	22.5			100	0
22.11	21.96	22.11	22.03	21.97	22.5	16QAM		1	0
22.00	22.36	21.95	22.31	22.34	22.5			1	49
22.34	22.31	22.42	22.25	22.24	22.5			1	99
21.35	21.35	21.31	21.36	21.39	21.5			50	0
21.36	21.30	21.36	21.29	21.31	21.5			50	25
21.35	21.12	21.29	21.12	21.19	21.5			50	50
21.20	21.23	21.10	21.24	21.18	21.5			100	0
21.25	21.23	21.27	21.25	21.21	21.5	64QAM		1	0
21.12	21.15	21.11	21.13	21.24	21.5			1	49
21.14	21.04	21.14	21.10	21.09	21.5			1	99
20.43	20.43	20.37	20.34	20.36	20.5			50	0
20.31	20.39	20.33	20.33	20.42	20.5			50	25
20.44	20.28	20.48	20.30	20.30	20.5			50	50
20.12	20.11	20.12	20.07	20.17	20.5		100	0	
18.13	18.28	18.16	18.34	18.33	18.5	256QAM	1	0	
18.34	18.28	18.35	18.25	18.35	18.5		1	49	
18.33	18.36	18.42	18.27	18.35	18.5		1	99	
18.09	18.10	18.08	18.15	18.14	18.5		50	0	
18.19	18.13	18.24	18.12	18.01	18.5		50	25	
18.26	18.23	18.17	18.18	18.25	18.5		50	50	
18.25	18.24	18.22	18.23	18.22	18.5		100	0	

LTE Band 41 Ant 2									
Maximum Average Power (dBm)					Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
39725	40173	40620	41068	41515	Channel				
2503.5	2548.3	2593	2637.8	2682.5	Frequency (MHz)				
23.46	23.31	23.37	23.30	23.34	23.5	QPSK	15MHz	1	0
23.20	23.20	23.18	23.12	23.13	23.5			1	37
23.04	23.12	23.06	23.11	23.04	23.5			1	74
22.40	22.25	22.35	22.28	22.38	22.5			36	0
22.36	22.33	22.33	22.32	22.28	22.5			36	19
22.25	22.18	22.27	22.19	22.19	22.5			36	39
22.38	22.39	22.32	22.41	22.26	22.5			75	0
22.10	22.04	22.01	22.05	21.95	22.5	16QAM		1	0
21.96	22.34	22.01	22.29	22.35	22.5			1	37
22.32	22.25	22.39	22.30	22.22	22.5			1	74
21.30	21.43	21.31	21.42	21.40	21.5			36	0
21.34	21.24	21.26	21.28	21.25	21.5			36	19
21.28	21.21	21.30	21.17	21.23	21.5			36	39
21.19	21.18	21.13	21.17	21.14	21.5			75	0
21.23	21.25	21.28	21.22	21.20	21.5	64QAM		1	0
21.16	21.15	21.15	21.14	21.24	21.5			1	37
21.15	21.01	21.16	21.01	21.15	21.5			1	74
20.42	20.37	20.38	20.36	20.37	20.5			36	0
20.32	20.31	20.31	20.37	20.42	20.5			36	19
20.49	20.29	20.43	20.32	20.35	20.5			36	39
20.15	20.08	20.14	20.04	20.09	20.5			75	0
18.08	18.31	18.08	18.32	18.33	18.5	256QAM		1	0
18.38	18.29	18.34	18.34	18.28	18.5			1	37
18.34	18.30	18.41	18.34	18.32	18.5			1	74
18.11	18.15	18.16	18.17	18.06	18.5			36	0
18.20	18.09	18.20	18.04	17.95	18.5			36	19
18.21	18.21	18.20	18.24	18.31	18.5			36	39
18.15	18.27	18.19	18.21	18.22	18.5			75	0

LTE Band 41 Ant 2									
Maximum Average Power (dBm)					Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
39700	40160	40620	41080	41540	Channel				
2501	2547	2593	2639	2685	Frequency (MHz)				
23.40	23.34	23.42	23.35	23.41	23.5	QPSK	10MHz	1	0
23.21	23.18	23.21	23.19	23.11	23.5			1	24
23.04	23.11	23.07	23.14	23.14	23.5			1	49
22.41	22.33	22.37	22.27	22.37	22.5			25	0
22.29	22.33	22.26	22.31	22.32	22.5			25	12
22.22	22.20	22.26	22.15	22.26	22.5			25	25
22.29	22.37	22.33	22.36	22.21	22.5			50	0
22.01	21.96	22.05	21.96	21.94	22.5	16QAM		1	0
22.02	22.31	21.97	22.30	22.43	22.5			1	24
22.39	22.30	22.41	22.30	22.26	22.5			1	49
21.31	21.40	21.28	21.37	21.43	21.5			25	0
21.35	21.28	21.29	21.24	21.32	21.5			25	12
21.31	21.17	21.32	21.15	21.13	21.5			25	25
21.12	21.20	21.11	21.17	21.15	21.5			50	0
21.21	21.24	21.27	21.23	21.27	21.5	64QAM		1	0
21.17	21.18	21.16	21.10	21.17	21.5			1	24
21.09	21.07	21.17	21.06	21.16	21.5			1	49
20.40	20.37	20.40	20.35	20.37	20.5			25	0
20.39	20.32	20.37	20.34	20.35	20.5			25	12
20.46	20.32	20.48	20.29	20.33	20.5			25	25
20.12	20.04	20.16	20.04	20.08	20.5			50	0
18.15	18.29	18.13	18.36	18.33	18.5	256QAM		1	0
18.38	18.33	18.34	18.24	18.34	18.5			1	24
18.36	18.30	18.38	18.35	18.39	18.5			1	49
18.11	18.16	18.11	18.17	18.11	18.5			25	0
18.14	18.10	18.20	18.13	18.14	18.5			25	12
18.17	18.28	18.17	18.18	18.28	18.5			25	25
18.23	18.21	18.24	18.27	18.24	18.5			50	0

LTE Band 41 Ant 2									
Maximum Average Power (dBm)					Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
39675	40148	40620	41093	41565	Channel				
2498.5	2545.8	2593	2640.3	2687.5	Frequency (MHz)				
23.46	23.31	23.36	23.32	23.40	23.5	QPSK	5MHz	1	0
23.18	23.12	23.20	23.16	23.16	23.5			1	12
23.09	23.17	23.04	23.19	23.08	23.5			1	24
22.44	22.32	22.38	22.26	22.35	22.5			12	0
22.35	22.28	22.36	22.26	22.38	22.5			12	6
22.18	22.12	22.23	22.17	22.21	22.5			12	13
22.37	22.41	22.32	22.35	22.25	22.5			25	0
22.07	22.00	22.11	22.02	21.99	22.5	1		0	
21.97	22.32	22.02	22.32	22.44	22.5	1		12	
22.39	22.29	22.33	22.34	22.29	22.5	1		24	
21.27	21.33	21.28	21.36	21.46	21.5	12		0	
21.34	21.27	21.34	21.30	21.28	21.5	12		6	
21.29	21.13	21.25	21.22	21.15	21.5	12		13	
21.11	21.24	21.17	21.19	21.21	21.5	25		0	
21.28	21.25	21.28	21.27	21.20	21.5	1		0	
21.13	21.11	21.18	21.11	21.15	21.5	1		12	
21.18	21.05	21.09	21.05	21.19	21.5	1		24	
20.36	20.40	20.36	20.43	20.44	20.5	12		0	
20.33	20.37	20.36	20.29	20.39	20.5	12		6	
20.46	20.32	20.40	20.27	20.36	20.5	12		13	
20.14	20.09	20.11	20.12	20.17	20.5	25		0	
18.09	18.26	18.15	18.30	18.41	18.5	1		0	
18.42	18.28	18.34	18.28	18.35	18.5	1		12	
18.37	18.33	18.34	18.30	18.38	18.5	1		24	
18.17	18.15	18.15	18.19	18.15	18.5	12		0	
18.15	18.06	18.20	18.05	18.07	18.5	12		6	
18.16	18.28	18.23	18.27	18.33	18.5	12		13	
18.16	18.24	18.19	18.22	18.28	18.5	25		0	

LTE Band 66 Ant 2							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
132072	132322	132572	Channel				
1720	1745	1770	Frequency (MHz)				
21.34	21.47	21.42	21.5	QPSK	20MHz	1	0
21.20	21.29	21.14	21.5			1	49
21.32	21.18	21.16	21.5			1	99
20.40	20.46	20.39	20.5			50	0
20.30	20.40	20.38	20.5			50	25
20.31	20.33	20.25	20.5			50	50
20.29	20.45	20.31	20.5			100	0
19.93	20.08	20.08	20.5	16QAM		1	0
20.38	19.99	20.40	20.5			1	49
20.45	20.42	20.40	20.5			1	99
19.26	19.41	19.44	19.5			50	0
19.38	19.32	19.33	19.5			50	25
19.37	19.36	19.22	19.5			50	50
19.18	19.28	19.22	19.5			100	0
19.22	19.28	19.29	19.5	64QAM		1	0
19.20	19.18	19.24	19.5			1	49
19.18	19.18	19.17	19.5			1	99
18.35	18.49	18.41	18.5			50	0
18.42	18.37	18.46	18.5			50	25
18.40	18.48	18.38	18.5			50	50
18.04	18.14	18.09	18.5			100	0
16.25	16.17	16.36	16.5	256QAM		1	0
16.20	16.44	16.36	16.5			1	49
16.44	16.47	16.38	16.5			1	99
16.23	16.26	16.07	16.5			50	0
16.34	16.28	16.13	16.5			50	25
16.39	16.31	16.30	16.5			50	50
16.37	16.28	16.32	16.5			100	0

LTE Band 66 Ant 2							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
132047	132322	132597	Channel				
1717.5	1745	1772.5	Frequency (MHz)				
21.33	21.38	21.42	21.5	QPSK	15MHz	1	0
21.22	21.29	21.23	21.5			1	37
21.28	21.14	21.20	21.5			1	74
20.36	20.41	20.43	20.5			36	0
20.32	20.37	20.31	20.5			36	19
20.28	20.35	20.24	20.5			36	39
20.25	20.38	19.95	20.5			75	0
19.98	20.02	20.03	20.5	16QAM		1	0
20.36	19.95	20.46	20.5			1	37
20.39	20.39	20.36	20.5			1	74
19.27	19.37	19.49	19.5			36	0
19.31	19.30	19.34	19.5			36	19
19.39	19.36	19.24	19.5			36	39
19.19	19.19	19.30	19.5			75	0
19.14	19.28	19.28	19.5	64QAM		1	0
19.18	19.19	19.20	19.5			1	37
19.17	19.19	19.14	19.5			1	74
18.37	18.42	18.41	18.5			36	0
18.40	18.40	18.47	18.5			36	19
18.40	18.43	18.46	18.5			36	39
18.09	18.11	18.18	18.5			75	0
16.26	16.16	16.40	16.5	256QAM		1	0
16.14	16.49	16.43	16.5			1	37
16.41	16.44	16.40	16.5			1	74
16.18	16.23	16.23	16.5			36	0
16.28	16.24	16.16	16.5			36	19
16.38	16.29	16.38	16.5			36	39
16.31	16.34	16.29	16.5			75	0



LTE Band 66 Ant 2							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
132022	132322	132622	Channel				
1715	1745	1775	Frequency (MHz)				
21.41	21.39	21.39	21.5	QPSK	10MHz	1	0
21.25	21.27	21.22	21.5			1	24
21.32	21.12	21.18	21.5			1	49
20.37	20.43	20.41	20.5			25	0
20.36	20.31	20.35	20.5			25	12
20.30	20.34	20.28	20.5			25	25
20.25	20.43	20.05	20.5			50	0
19.97	20.05	20.09	20.5	16QAM		1	0
20.42	19.98	20.41	20.5			1	24
20.39	20.47	20.33	20.5			1	49
19.34	19.40	19.48	19.5			25	0
19.39	19.30	19.40	19.5			25	12
19.30	19.30	19.26	19.5			25	25
19.25	19.28	19.21	19.5			50	0
19.17	19.34	19.35	19.5	64QAM		1	0
19.21	19.18	19.25	19.5			1	24
19.17	19.15	19.15	19.5			1	49
18.39	18.43	18.45	18.5			25	0
18.40	18.35	18.41	18.5			25	12
18.35	18.46	18.44	18.5			25	25
18.06	18.17	18.10	18.5			50	0
16.32	16.19	16.37	16.5	256QAM		1	0
16.16	16.43	16.35	16.5			1	24
16.43	16.48	16.39	16.5			1	49
16.18	16.23	16.13	16.5			25	0
16.27	16.29	16.13	16.5			25	12
16.43	16.29	16.40	16.5			25	25
16.35	16.30	16.28	16.5			50	0

LTE Band 66 Ant 2							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
131997	132322	132647	Channel				
1712.5	1745	1777.5	Frequency (MHz)				
21.41	21.42	21.44	21.5	QPSK	5MHz	1	0
21.26	21.27	21.23	21.5			1	12
21.29	21.20	21.15	21.5			1	24
20.34	20.41	20.42	20.5			12	0
20.32	20.34	20.39	20.5			12	6
20.31	20.36	20.24	20.5			12	13
20.28	20.42	19.97	20.5			25	0
20.01	20.10	20.03	20.5	16QAM		1	0
20.36	19.96	20.46	20.5			1	12
20.43	20.45	20.40	20.5			1	24
19.26	19.37	19.46	19.5			12	0
19.32	19.39	19.35	19.5			12	6
19.34	19.34	19.30	19.5			12	13
19.24	19.24	19.30	19.5			25	0
19.21	19.35	19.33	19.5	64QAM		1	0
19.18	19.14	19.18	19.5			1	12
19.21	19.21	19.18	19.5			1	24
18.34	18.47	18.37	18.5			12	0
18.37	18.43	18.40	18.5			12	6
18.39	18.44	18.46	18.5			12	13
18.12	18.16	18.16	18.5			25	0
16.31	16.13	16.34	16.5	256QAM		1	0
16.17	16.41	16.43	16.5			1	12
16.35	16.41	16.42	16.5			1	24
16.23	16.28	16.21	16.5			12	0
16.28	16.30	16.09	16.5			12	6
16.36	16.33	16.34	16.5			12	13
16.39	16.29	16.30	16.5			25	0

LTE Band 66 Ant 2							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
131987	132322	132657	Channel				
1711.5	1745	1778.5	Frequency (MHz)				
21.32	21.39	21.44	21.5	QPSK	3MHz	1	0
21.29	21.22	21.13	21.5			1	7
21.32	21.21	21.22	21.5			1	14
20.33	20.48	20.34	20.5			8	0
20.29	20.35	20.38	20.5			8	3
20.26	20.26	20.29	20.5			8	7
20.29	20.37	20.05	20.5			15	0
20.03	20.08	20.06	20.5	16QAM		1	0
20.36	19.99	20.46	20.5			1	7
20.44	20.43	20.40	20.5			1	14
19.35	19.44	19.39	19.5			8	0
19.34	19.33	19.32	19.5			8	3
19.40	19.33	19.28	19.5			8	7
19.24	19.24	19.28	19.5			15	0
19.15	19.35	19.30	19.5	64QAM		1	0
19.22	19.17	19.21	19.5			1	7
19.17	19.15	19.13	19.5			1	14
18.31	18.42	18.41	18.5			8	0
18.34	18.41	18.47	18.5			8	3
18.36	18.42	18.39	18.5			8	7
18.14	18.12	18.17	18.5			15	0
16.31	16.14	16.41	16.5	256QAM		1	0
16.20	16.48	16.40	16.5			1	7
16.34	16.43	16.43	16.5			1	14
16.26	16.21	16.11	16.5			8	0
16.30	16.30	16.18	16.5			8	3
16.45	16.31	16.24	16.5			8	7
16.38	16.33	16.33	16.5			15	0

LTE Band 66 Ant 2							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
131979	132322	132665	Channel				
1710.7	1745	1779.3	Frequency (MHz)				
21.41	21.40	21.40	21.5	QPSK	1.4MHz	1	0
21.23	21.28	21.19	21.5			1	2
21.32	21.19	21.13	21.5			1	5
20.39	20.38	20.35	21.5			3	0
20.35	20.33	20.32	21.5			3	1
20.31	20.29	20.23	21.5			3	3
20.22	20.41	19.99	20.5			6	0
19.98	20.04	20.06	20.5	16QAM		1	0
20.40	20.01	20.38	20.5			1	2
20.46	20.39	20.32	20.5			1	5
19.34	19.37	19.39	20.5			3	0
19.38	19.31	19.34	20.5			3	1
19.34	19.36	19.28	20.5			3	3
19.25	19.19	19.27	19.5			6	0
19.23	19.35	19.36	19.5	64QAM		1	0
19.15	19.13	19.21	19.5			1	2
19.13	19.20	19.17	19.5			1	5
18.41	18.47	18.42	19.5			3	0
18.44	18.40	18.39	19.5			3	1
18.40	18.40	18.37	19.5			3	3
18.13	18.10	18.15	18.5			6	0
16.28	16.16	16.32	16.5	256QAM		1	0
16.20	16.41	16.40	16.5			1	2
16.35	16.43	16.30	16.5			1	5
16.23	16.25	16.17	16.5			3	0
16.36	16.24	16.03	16.5			3	1
16.45	16.34	16.25	16.5			3	3
16.36	16.25	16.25	16.5			6	0

LTE Band 2 Ant 3							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
18700	18900	19100	Channel				
1860	1880	1900	Frequency (MHz)				
22.44	22.45	22.38	22.5	QPSK	20MHz	1	0
22.18	22.21	22.18	22.5			1	49
22.03	22.10	22.05	22.5			1	99
21.36	21.43	21.38	21.5			50	0
21.29	21.25	21.37	21.5			50	25
21.23	21.15	21.16	21.5			50	50
21.29	21.42	21.22	21.5			100	0
21.01	21.02	21.01	21.5	16QAM		1	0
21.01	21.36	21.43	21.5			1	49
21.37	21.28	21.29	21.5			1	99
20.31	20.34	20.40	20.5			50	0
20.29	20.27	20.28	20.5			50	25
20.32	20.22	20.20	20.5			50	50
20.20	20.21	20.11	20.5	64QAM		100	0
20.28	20.28	20.22	20.5			1	0
20.13	20.35	20.24	20.5			1	49
20.34	20.30	20.31	20.5			1	99
19.38	19.39	19.37	19.5			50	0
19.36	19.29	19.34	19.5			50	25
19.46	19.34	19.38	19.5			50	50
19.31	19.23	19.33	19.5	100		0	
17.33	17.27	17.40	17.5	256QAM		1	0
17.43	17.25	17.29	17.5			1	49
17.42	17.35	17.29	17.5			1	99
17.36	17.32	17.10	17.5			50	0
17.14	17.34	17.01	17.5			50	25
17.26	17.26	17.42	17.5			50	50
17.22	17.25	17.37	17.5			100	0

LTE Band 2 Ant 3							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
18675	18900	19125	Channel				
1857.5	1880	1902.5	Frequency (MHz)				
22.44	22.34	22.34	22.5	QPSK	15MHz	1	0
22.23	22.13	22.11	22.5			1	37
22.11	22.18	22.11	22.5			1	74
21.37	21.25	21.38	21.5			36	0
21.28	21.29	21.35	21.5			36	19
21.24	21.16	21.26	21.5			36	39
21.30	21.35	21.25	21.5			75	0
21.07	20.95	20.99	21.5	16QAM		1	0
21.02	21.34	21.37	21.5			1	37
21.34	21.25	21.23	21.5			1	74
20.33	20.39	20.44	20.5			36	0
20.27	20.22	20.29	20.5			36	19
20.30	20.15	20.20	20.5			36	39
20.18	20.21	20.14	20.5			75	0
20.26	20.27	20.21	20.5	64QAM		1	0
20.12	20.31	20.22	20.5			1	37
20.31	20.27	20.31	20.5			1	74
19.39	19.38	19.44	19.5			36	0
19.35	19.39	19.35	19.5			36	19
19.48	19.34	19.36	19.5			36	39
19.28	19.31	19.37	19.5			75	0
17.33	17.35	17.33	17.5	256QAM		1	0
17.40	17.29	17.28	17.5			1	37
17.39	17.35	17.29	17.5			1	74
17.37	17.39	17.06	17.5			36	0
17.22	17.25	17.10	17.5			36	19
17.19	17.20	17.38	17.5			36	39
17.22	17.29	17.27	17.5			75	0

LTE Band 2 Ant 3							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
18650	18900	19150	Channel				
1855	1880	1905	Frequency (MHz)				
22.45	22.34	22.34	22.5	QPSK	10MHz	1	0
22.18	22.20	22.10	22.5			1	24
22.10	22.14	22.07	22.5			1	49
21.39	21.33	21.43	21.5			25	0
21.29	21.34	21.29	21.5			25	12
21.27	21.14	21.22	21.5			25	25
21.32	21.37	21.19	21.5			50	0
21.07	21.02	20.94	21.5	16QAM		1	0
21.02	21.30	21.34	21.5			1	24
21.40	21.30	21.23	21.5			1	49
20.32	20.39	20.43	20.5			25	0
20.33	20.31	20.32	20.5			25	12
20.33	20.20	20.20	20.5			25	25
20.13	20.23	20.12	20.5			50	0
20.23	20.27	20.19	20.5	64QAM		1	0
20.10	20.38	20.22	20.5			1	24
20.37	20.31	20.33	20.5			1	49
19.43	19.35	19.46	19.5			25	0
19.40	19.35	19.37	19.5			25	12
19.44	19.28	19.34	19.5			25	25
19.26	19.30	19.29	19.5			50	0
17.26	17.33	17.41	17.5	256QAM		1	0
17.33	17.33	17.33	17.5			1	24
17.41	17.33	17.27	17.5			1	49
17.30	17.33	17.01	17.5			25	0
17.21	17.32	17.02	17.5			25	12
17.18	17.25	17.41	17.5			25	25
17.24	17.24	17.28	17.5			50	0

LTE Band 2 Ant 3							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
18625	18900	19175	Channel				
1852.5	1880	1907.5	Frequency (MHz)				
22.44	22.40	22.37	22.5	QPSK	5MHz	1	0
22.23	22.16	22.15	22.5			1	12
22.13	22.18	22.05	22.5			1	24
21.43	21.27	21.41	21.5			12	0
21.26	21.26	21.38	21.5			12	6
21.21	21.13	21.22	21.5			12	13
21.36	21.32	21.19	21.5			25	0
21.08	21.04	21.01	21.5	16QAM		1	0
21.01	21.36	21.43	21.5			1	12
21.41	21.27	21.25	21.5			1	24
20.29	20.39	20.48	20.5			12	0
20.36	20.31	20.35	20.5			12	6
20.35	20.16	20.14	20.5			12	13
20.16	20.21	20.20	20.5			25	0
20.21	20.24	20.24	20.5	64QAM		1	0
20.11	20.31	20.18	20.5			1	12
20.32	20.23	20.33	20.5			1	24
19.44	19.34	19.37	19.5			12	0
19.32	19.39	19.37	19.5			12	6
19.42	19.33	19.37	19.5			12	13
19.33	19.30	19.33	19.5			25	0
17.36	17.30	17.40	17.5	256QAM		1	0
17.39	17.31	17.30	17.5			1	12
17.33	17.33	17.27	17.5			1	24
17.37	17.35	17.06	17.5			12	0
17.21	17.29	17.05	17.5			12	6
17.21	17.23	17.41	17.5			12	13
17.21	17.22	17.37	17.5			25	0



LTE Band 2 Ant 3							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
18615	18900	19185	Channel				
1851.5	1880	1908.5	Frequency (MHz)				
22.45	22.32	22.41	22.5	QPSK	3MHz	1	0
22.17	22.14	22.13	22.5			1	7
22.10	22.15	22.12	22.5			1	14
21.35	21.35	21.34	21.5			8	0
21.35	21.28	21.36	21.5			8	3
21.20	21.14	21.16	21.5			8	7
21.32	21.35	21.27	21.5			15	0
21.05	21.04	20.99	21.5	16QAM		1	0
21.00	21.33	21.44	21.5			1	7
21.41	21.28	21.32	21.5			1	14
20.25	20.37	20.46	20.5			8	0
20.31	20.26	20.26	20.5			8	3
20.31	20.22	20.22	20.5			8	7
20.19	20.17	20.20	20.5			15	0
20.30	20.26	20.17	20.5	64QAM		1	0
20.18	20.39	20.22	20.5			1	7
20.35	20.29	20.29	20.5			1	14
19.35	19.43	19.41	19.5			8	0
19.34	19.33	19.40	19.5			8	3
19.48	19.32	19.38	19.5			8	7
19.26	19.27	19.38	19.5			15	0
17.27	17.35	17.39	17.5	256QAM		1	0
17.35	17.32	17.28	17.5			1	7
17.34	17.32	17.35	17.5			1	14
17.31	17.36	17.07	17.5			8	0
17.22	17.31	17.02	17.5			8	3
17.16	17.22	17.31	17.5			8	7
17.21	17.25	17.29	17.5			15	0

LTE Band 2 Ant 3							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
18607	18900	19193	Channel				
1850.7	1880	1909.3	Frequency (MHz)				
22.40	22.34	22.43	22.5	QPSK	1.4MHz	1	0
22.23	22.17	22.10	22.5			1	2
22.07	22.13	22.07	22.5			1	5
21.45	21.33	21.41	22.5			3	0
21.26	21.28	21.28	22.5			3	1
21.19	21.20	21.16	22.5			3	3
21.37	21.42	21.18	21.5			6	0
21.07	20.97	20.96	21.5	16QAM		1	0
20.96	21.36	21.35	21.5			1	2
21.42	21.35	21.31	21.5			1	5
20.29	20.43	20.43	21.5			3	0
20.30	20.30	20.34	21.5			3	1
20.25	20.17	20.20	21.5			3	3
20.14	20.16	20.14	20.5			6	0
20.25	20.21	20.26	20.5	64QAM		1	0
20.16	20.32	20.24	20.5			1	2
20.31	20.23	20.29	20.5			1	5
19.43	19.35	19.38	20.5			3	0
19.39	19.30	19.35	20.5			3	1
19.41	19.30	19.34	20.5			3	3
19.31	19.27	19.37	19.5			6	0
17.32	17.27	17.40	17.5	256QAM		1	0
17.42	17.28	17.31	17.5			1	2
17.34	17.31	17.40	17.5			1	5
17.31	17.39	17.05	17.5			3	0
17.21	17.27	17.03	17.5			3	1
17.21	17.24	17.41	17.5			3	3
17.21	17.21	17.26	17.5			6	0

LTE Band 4 Ant 3							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
20050	20175	20300	Channel				
1720	1732.5	1745	Frequency (MHz)				
23.42	23.41	23.37	23.5	QPSK	20MHz	1	0
23.18	23.21	23.20	23.5			1	49
23.06	23.13	23.07	23.5			1	99
22.39	22.47	22.38	22.5			50	0
22.36	22.25	22.30	22.5			50	25
22.26	22.22	22.25	22.5			50	50
22.36	22.43	22.26	22.5			100	0
22.06	21.95	21.92	22.5	16QAM		1	0
21.93	22.28	22.34	22.5			1	49
22.41	22.30	22.25	22.5			1	99
21.33	21.35	21.49	21.5			50	0
21.36	21.22	21.33	21.5			50	25
21.30	21.12	21.16	21.5			50	50
21.14	21.18	21.18	21.5			100	0
21.28	21.29	21.24	21.5	64QAM		1	0
21.11	21.17	21.24	21.5			1	49
21.16	21.04	21.10	21.5			1	99
20.37	20.36	20.36	20.5			50	0
20.39	20.33	20.36	20.5			50	25
20.45	20.30	20.38	20.5			50	50
20.11	20.08	20.11	20.5			100	0
18.07	18.27	18.38	18.5	256QAM		1	0
18.39	18.31	18.32	18.5			1	49
18.43	18.35	18.34	18.5			1	99
18.13	18.15	18.17	18.5			50	0
18.21	18.12	17.98	18.5			50	25
18.16	18.24	18.33	18.5			50	50
18.23	18.23	18.27	18.5			100	0

LTE Band 4 Ant 3							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
20025	20175	20325	Channel				
1717.5	1732.5	1747.5	Frequency (MHz)				
23.37	23.33	23.35	23.5	QPSK	15MHz	1	0
23.16	23.14	23.10	23.5			1	37
23.04	23.13	23.06	23.5			1	74
22.38	22.31	22.39	22.5			36	0
22.33	22.32	22.29	22.5			36	19
22.19	22.13	22.16	22.5			36	39
22.36	22.40	22.24	22.5			75	0
22.02	21.97	21.95	22.5	16QAM		1	0
22.02	22.35	22.35	22.5			1	37
22.36	22.26	22.24	22.5			1	74
21.34	21.38	21.45	21.5			36	0
21.35	21.25	21.26	21.5			36	19
21.30	21.14	21.18	21.5			36	39
21.15	21.16	21.13	21.5			75	0
21.26	21.24	21.17	21.5	64QAM		1	0
21.20	21.14	21.17	21.5			1	37
21.13	21.09	21.14	21.5			1	74
20.37	20.35	20.39	20.5			36	0
20.36	20.35	20.34	20.5			36	19
20.48	20.37	20.30	20.5			36	39
20.14	20.10	20.09	20.5			75	0
18.12	18.31	18.41	18.5	256QAM		1	0
18.38	18.30	18.36	18.5			1	37
18.36	18.26	18.25	18.5			1	74
18.08	18.11	18.02	18.5			36	0
18.24	18.05	17.99	18.5			36	19
18.23	18.26	18.38	18.5			36	39
18.22	18.23	18.29	18.5			75	0

LTE Band 4 Ant 3							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
20000	20175	20350	Channel				
1715	1732.5	1750	Frequency (MHz)				
23.36	23.30	23.36	23.5	QPSK	10MHz	1	0
23.24	23.15	23.15	23.5			1	24
23.04	23.10	23.13	23.5			1	49
22.43	22.31	22.39	22.5			25	0
22.26	22.27	22.36	22.5			25	12
22.22	22.12	22.22	22.5			25	25
22.30	22.34	22.24	22.5			50	0
22.04	22.04	22.02	22.5	16QAM		1	0
22.01	22.31	22.34	22.5			1	24
22.32	22.28	22.22	22.5			1	49
21.31	21.34	21.43	21.5			25	0
21.31	21.24	21.32	21.5			25	12
21.29	21.19	21.15	21.5			25	25
21.11	21.26	21.11	21.5			50	0
21.22	21.20	21.22	21.5	64QAM		1	0
21.19	21.12	21.16	21.5			1	24
21.14	21.07	21.17	21.5			1	49
20.37	20.40	20.40	20.5			25	0
20.36	20.34	20.34	20.5			25	12
20.47	20.28	20.38	20.5			25	25
20.16	20.04	20.14	20.5			50	0
18.14	18.26	18.42	18.5	256QAM		1	0
18.36	18.31	18.34	18.5			1	24
18.41	18.28	18.32	18.5			1	49
18.08	18.10	18.13	18.5			25	0
18.17	18.05	18.06	18.5			25	12
18.16	18.25	18.31	18.5			25	25
18.20	18.27	18.28	18.5			50	0

LTE Band 4 Ant 3							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
19975	20175	20375	Channel				
1712.5	1732.5	1752.5	Frequency (MHz)				
23.37	23.39	23.41	23.5	QPSK	5MHz	1	0
23.23	23.14	23.14	23.5			1	12
23.05	23.09	23.06	23.5			1	24
22.35	22.25	22.34	22.5			12	0
22.31	22.30	22.32	22.5			12	6
22.20	22.13	22.19	22.5			12	13
22.33	22.40	22.18	22.5			25	0
22.07	22.00	21.92	22.5	16QAM		1	0
21.96	22.30	22.37	22.5			1	12
22.41	22.31	22.32	22.5			1	24
21.28	21.37	21.49	21.5			12	0
21.32	21.31	21.31	21.5			12	6
21.31	21.14	21.19	21.5			12	13
21.16	21.23	21.15	21.5			25	0
21.31	21.20	21.20	21.5	64QAM		1	0
21.14	21.11	21.23	21.5			1	12
21.10	21.04	21.13	21.5			1	24
20.39	20.41	20.44	20.5			12	0
20.36	20.39	20.34	20.5			12	6
20.49	20.32	20.33	20.5			12	13
20.15	20.06	20.15	20.5			25	0
18.13	18.29	18.41	18.5	256QAM		1	0
18.39	18.32	18.31	18.5			1	12
18.34	18.35	18.36	18.5			1	24
18.12	18.18	18.07	18.5			12	0
18.17	18.04	18.06	18.5			12	6
18.26	18.26	18.31	18.5			12	13
18.20	18.24	18.26	18.5			25	0

LTE Band 4 Ant 3							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
19965	20175	20385	Channel				
1711.5	1732.5	1753.5	Frequency (MHz)				
23.36	23.30	23.44	23.5	QPSK	3MHz	1	0
23.24	23.14	23.16	23.5			1	7
23.12	23.13	23.10	23.5			1	14
22.42	22.26	22.34	22.5			8	0
22.28	22.25	22.37	22.5			8	3
22.22	22.18	22.20	22.5			8	7
22.30	22.34	22.23	22.5			15	0
22.02	21.97	22.00	22.5	16QAM		1	0
22.02	22.28	22.40	22.5			1	7
22.34	22.29	22.29	22.5			1	14
21.35	21.33	21.39	21.5			8	0
21.31	21.31	21.31	21.5			8	3
21.25	21.13	21.22	21.5			8	7
21.13	21.23	21.17	21.5			15	0
21.26	21.29	21.27	21.5	64QAM		1	0
21.19	21.09	21.19	21.5			1	7
21.13	21.05	21.18	21.5			1	14
20.44	20.41	20.42	20.5			8	0
20.30	20.30	20.39	20.5			8	3
20.40	20.29	20.39	20.5			8	7
20.09	20.05	20.15	20.5			15	0
18.10	18.30	18.38	18.5	256QAM		1	0
18.41	18.26	18.33	18.5			1	7
18.43	18.26	18.40	18.5			1	14
18.17	18.16	18.13	18.5			8	0
18.18	18.09	18.02	18.5			8	3
18.26	18.26	18.31	18.5			8	7
18.18	18.21	18.32	18.5			15	0

LTE Band 4 Ant 3							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
19957	20175	20393	Channel				
1710.7	1732.5	1754.3	Frequency (MHz)				
23.36	23.38	23.35	23.5	QPSK	1.4MHz	1	0
23.20	23.19	23.12	23.5			1	2
23.13	23.10	23.06	23.5			1	5
22.38	22.33	22.36	23.5			3	0
22.26	22.34	22.34	23.5			3	1
22.23	22.13	22.25	23.5			3	3
22.34	22.34	22.21	22.5			6	0
22.11	21.95	21.93	22.5	16QAM		1	0
21.98	22.29	22.38	22.5			1	2
22.37	22.34	22.24	22.5			1	5
21.30	21.34	21.44	22.5			3	0
21.28	21.28	21.32	22.5			3	1
21.33	21.15	21.15	22.5			3	3
21.18	21.25	21.21	21.5			6	0
21.27	21.22	21.23	21.5	64QAM		1	0
21.13	21.09	21.21	21.5			1	2
21.10	21.04	21.11	21.5			1	5
20.36	20.41	20.43	21.5			3	0
20.40	20.37	20.41	21.5			3	1
20.46	20.33	20.38	21.5			3	3
20.13	20.09	20.08	20.5			6	0
18.08	18.31	18.39	18.5	256QAM		1	0
18.38	18.29	18.37	18.5			1	2
18.40	18.28	18.32	18.5			1	5
18.08	18.15	18.07	18.5			3	0
18.20	18.13	18.04	18.5			3	1
18.19	18.26	18.30	18.5			3	3
18.24	18.23	18.34	18.5			6	0



LTE Band 7 Ant 3							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
20850	21100	21350	Channel				
2510	2535	2560	Frequency (MHz)				
18.30	18.33	18.32	18.5	QPSK	20MHz	1	0
18.12	18.22	18.21	18.5			1	49
18.01	18.08	18.01	18.5			1	99
17.25	17.33	17.31	17.5			50	0
17.26	17.23	17.25	17.5			50	25
17.09	17.11	17.09	17.5			50	50
17.12	17.30	17.21	17.5			100	0
16.92	16.93	16.83	17.5	16QAM		1	0
16.84	17.24	17.30	17.5			1	49
17.24	17.19	17.18	17.5			1	99
16.25	16.30	16.32	16.5			50	0
16.19	16.14	16.25	16.5			50	25
16.20	16.08	16.07	16.5			50	50
16.00	16.08	16.01	16.5	64QAM		100	0
16.14	16.16	16.16	16.5			1	0
16.00	16.03	16.10	16.5			1	49
16.05	15.92	16.06	16.5			1	99
15.35	15.24	15.29	15.5			50	0
15.23	15.20	15.26	15.5			50	25
15.34	15.21	15.27	15.5			50	50
14.97	14.98	15.07	15.5			100	0
13.03	13.25	13.24	13.5	256QAM		1	0
13.33	13.14	13.20	13.5			1	49
13.27	13.16	13.21	13.5			1	99
13.02	13.09	13.01	13.5			50	0
13.09	13.00	12.92	13.5			50	25
13.16	13.12	13.32	13.5			50	50
13.11	13.12	13.24	13.5			100	0

LTE Band 7 Ant 3							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
20825	21100	21375	Channel				
2507.5	2535	2562.5	Frequency (MHz)				
18.29	18.30	18.32	18.5	QPSK	15MHz	1	0
18.06	18.04	18.06	18.5			1	37
18.00	18.06	17.97	18.5			1	74
17.30	17.15	17.28	17.5			36	0
17.19	17.16	17.28	17.5			36	19
17.16	17.09	17.10	17.5			36	39
17.28	17.29	17.10	17.5			75	0
16.97	16.91	16.84	17.5	16QAM		1	0
16.90	17.24	17.34	17.5			1	37
17.28	17.16	17.21	17.5			1	74
16.16	16.23	16.38	16.5			36	0
16.26	16.18	16.24	16.5			36	19
16.19	16.09	16.09	16.5			36	39
16.03	16.10	16.08	16.5			75	0
16.13	16.18	16.10	16.5	64QAM		1	0
16.02	16.01	16.04	16.5			1	37
16.01	16.00	16.06	16.5			1	74
15.35	15.32	15.36	15.5			36	0
15.30	15.25	15.25	15.5			36	19
15.35	15.22	15.22	15.5			36	39
14.99	15.02	15.04	15.5			75	0
12.99	13.21	13.24	13.5	256QAM		1	0
13.26	13.16	13.23	13.5			1	37
13.32	13.20	13.31	13.5			1	74
13.03	12.99	12.99	13.5			36	0
13.09	12.95	12.90	13.5			36	19
13.07	13.09	13.20	13.5			36	39
13.09	13.13	13.21	13.5			75	0

LTE Band 7 Ant 3							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
20800	21100	21400	Channel				
2505	2535	2565	Frequency (MHz)				
18.22	18.19	18.17	18.5	QPSK	10MHz	1	0
18.03	17.94	18.00	18.5			1	24
17.91	17.89	17.88	18.5			1	49
17.24	17.13	17.19	17.5			25	0
17.11	17.14	17.14	17.5			25	12
16.99	16.97	17.04	17.5			25	25
17.16	17.15	16.98	17.5			50	0
16.87	16.79	16.75	17.5	16QAM		1	0
16.75	17.09	17.20	17.5			1	24
17.18	17.11	17.10	17.5			1	49
16.15	16.15	16.25	16.5			25	0
16.16	16.07	16.14	16.5			25	12
16.09	16.01	16.00	16.5			25	25
15.92	16.03	15.94	16.5			50	0
16.05	16.04	16.04	16.5	64QAM		1	0
15.96	15.89	15.97	16.5			1	24
15.99	15.89	15.92	16.5			1	49
15.22	15.21	15.20	15.5			25	0
15.12	15.13	15.19	15.5			25	12
15.22	15.15	15.19	15.5			25	25
14.94	14.84	14.98	15.5			50	0
12.86	13.11	13.18	13.5	256QAM		1	0
13.14	13.13	13.11	13.5			1	24
13.15	13.11	13.13	13.5			1	49
12.89	12.95	13.00	13.5			25	0
12.95	12.84	12.83	13.5			25	12
13.05	13.02	13.18	13.5			25	25
12.99	13.09	13.07	13.5			50	0

LTE Band 7 Ant 3							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
20775	21100	21425	Channel				
2502.5	2535	2567.5	Frequency (MHz)				
18.23	18.16	18.24	18.5	QPSK	5MHz	1	0
18.05	17.93	17.90	18.5			1	12
17.87	17.89	17.91	18.5			1	24
17.16	17.14	17.15	17.5			12	0
17.15	17.14	17.12	17.5			12	6
17.05	17.00	16.98	17.5			12	13
17.15	17.12	17.05	17.5			25	0
16.82	16.84	16.74	17.5	16QAM		1	0
16.80	17.13	17.21	17.5			1	12
17.15	17.05	17.04	17.5			1	24
16.05	16.16	16.26	16.5			12	0
16.11	16.02	16.06	16.5			12	6
16.12	15.95	15.98	16.5			12	13
15.91	16.02	15.99	16.5			25	0
16.11	16.00	16.07	16.5	64QAM		1	0
16.00	15.90	15.98	16.5			1	12
15.94	15.87	15.94	16.5			1	24
15.16	15.16	15.16	15.5			12	0
15.17	15.13	15.19	15.5			12	6
15.26	15.16	15.13	15.5			12	13
14.93	14.93	14.95	15.5			25	0
12.90	13.14	13.13	13.5	256QAM		1	0
13.19	13.07	13.09	13.5			1	12
13.23	13.07	13.23	13.5			1	24
12.88	12.89	12.90	13.5			12	0
13.04	12.91	12.91	13.5			12	6
12.96	13.05	13.10	13.5			12	13
12.98	13.02	13.11	13.5			25	0

LTE Band 25 Ant 3							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
26140	26365	26590	Channel				
1860	1882.5	1905	Frequency (MHz)				
22.38	22.45	22.40	22.5	QPSK	20MHz	1	0
22.19	22.21	22.10	22.5			1	49
22.07	22.16	22.05	22.5			1	99
21.37	21.44	21.34	21.5			50	0
21.34	21.27	21.31	21.5			50	25
21.21	21.20	21.17	21.5			50	50
21.30	21.39	21.21	21.5			100	0
21.10	21.03	20.93	21.5	16QAM		1	0
20.96	21.34	21.39	21.5			1	49
21.41	21.25	21.29	21.5			1	99
20.33	20.37	20.45	20.5			50	0
20.32	20.31	20.32	20.5			50	25
20.25	20.14	20.20	20.5			50	50
20.11	20.20	20.18	20.5			100	0
20.22	20.27	20.24	20.5	64QAM		1	0
20.15	20.14	20.21	20.5			1	49
20.11	20.02	20.15	20.5			1	99
19.37	19.39	19.36	19.5			50	0
19.35	19.29	19.39	19.5			50	25
19.43	19.28	19.38	19.5			50	50
19.07	19.07	19.16	19.5			100	0
17.07	17.31	17.40	17.5	256QAM		1	0
17.43	17.32	17.32	17.5			1	49
17.37	17.26	17.30	17.5			1	99
17.16	17.10	17.03	17.5			50	0
17.20	17.05	17.02	17.5			50	25
17.16	17.27	17.29	17.5			50	50
17.19	17.20	17.30	17.5			100	0

LTE Band 25 Ant 3								
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset	
26115	26365	26615	Channel					
1857.5	1882.5	1907.5	Frequency (MHz)					
22.39	22.34	22.36	22.5	QPSK	15MHz	1	0	
22.19	22.18	22.18	22.5			1	37	
22.06	22.19	22.04	22.5			1	74	
21.38	21.28	21.43	21.5			36	0	
21.35	21.31	21.36	21.5			36	19	
21.24	21.15	21.18	21.5			36	39	
21.32	21.36	21.22	21.5			75	0	
21.07	20.99	20.93	21.5	16QAM		1	0	
20.99	21.27	21.39	21.5			1	37	
21.41	21.34	21.26	21.5			1	74	
20.25	20.35	20.48	20.5			36	0	
20.35	20.32	20.26	20.5			36	19	
20.29	20.20	20.20	20.5			36	39	
20.10	20.17	20.13	20.5			75	0	
20.28	20.20	20.27	20.5	64QAM		1	0	
20.17	20.14	20.15	20.5			1	37	
20.19	20.03	20.18	20.5			1	74	
19.43	19.39	19.36	19.5			36	0	
19.39	19.32	19.33	19.5			36	19	
19.43	19.30	19.37	19.5			36	39	
19.13	19.05	19.16	19.5			75	0	
17.12	17.30	17.36	17.5	256QAM		1	0	
17.39	17.31	17.36	17.5			1	37	
17.37	17.33	17.28	17.5			1	74	
17.18	17.12	17.15	17.5			36	0	
17.19	17.06	16.95	17.5			36	19	
17.20	17.27	17.43	17.5			36	39	
17.20	17.26	17.34	17.5			75	0	

LTE Band 25 Ant 3							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
26090	26365	26640	Channel				
1855	1882.5	1910	Frequency (MHz)				
22.41	22.39	22.36	22.5	QPSK	10MHz	1	0
22.23	22.21	22.16	22.5			1	24
22.07	22.09	22.13	22.5			1	49
21.36	21.30	21.43	21.5			25	0
21.26	21.29	21.35	21.5			25	12
21.26	21.21	21.24	21.5			25	25
21.34	21.41	21.21	21.5			50	0
21.09	21.00	21.00	21.5	16QAM		1	0
20.99	21.31	21.35	21.5			1	24
21.32	21.32	21.28	21.5			1	49
20.30	20.41	20.47	20.5			25	0
20.31	20.30	20.32	20.5			25	12
20.26	20.14	20.14	20.5			25	25
20.16	20.19	20.14	20.5			50	0
20.26	20.20	20.27	20.5	64QAM		1	0
20.19	20.17	20.19	20.5			1	24
20.10	20.06	20.12	20.5			1	49
19.38	19.38	19.46	19.5			25	0
19.36	19.31	19.42	19.5			25	12
19.40	19.35	19.29	19.5			25	25
19.11	19.11	19.10	19.5			50	0
17.10	17.28	17.32	17.5	256QAM		1	0
17.42	17.31	17.37	17.5			1	24
17.39	17.34	17.35	17.5			1	49
17.10	17.15	17.08	17.5			25	0
17.24	17.04	17.13	17.5			25	12
17.18	17.23	17.40	17.5			25	25
17.24	17.29	17.29	17.5			50	0

LTE Band 25 Ant 3							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
26065	26365	26665	Channel				
1852.5	1882.5	1912.5	Frequency (MHz)				
22.46	22.31	22.34	22.5	QPSK	5MHz	1	0
22.23	22.12	22.13	22.5			1	12
22.12	22.12	22.08	22.5			1	24
21.36	21.26	21.36	21.5			12	0
21.28	21.34	21.37	21.5			12	6
21.20	21.17	21.21	21.5			12	13
21.35	21.37	21.22	21.5			25	0
21.07	20.98	20.95	21.5	16QAM		1	0
20.96	21.34	21.37	21.5			1	12
21.36	21.29	21.26	21.5			1	24
20.27	20.42	20.41	20.5			12	0
20.34	20.30	20.29	20.5			12	6
20.32	20.16	20.18	20.5			12	13
20.16	20.21	20.11	20.5			25	0
20.30	20.27	20.23	20.5	64QAM		1	0
20.10	20.12	20.24	20.5			1	12
20.13	20.02	20.19	20.5			1	24
19.38	19.38	19.46	19.5			12	0
19.33	19.32	19.33	19.5			12	6
19.49	19.37	19.31	19.5			12	13
19.10	19.07	19.16	19.5			25	0
17.14	17.33	17.35	17.5	256QAM		1	0
17.33	17.30	17.31	17.5			1	12
17.35	17.33	17.31	17.5			1	24
17.12	17.14	17.05	17.5			12	0
17.16	17.05	17.07	17.5			12	6
17.16	17.27	17.34	17.5			12	13
17.17	17.20	17.27	17.5			25	0



LTE Band 25 Ant 3							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
26055	26365	26675	Channel				
1851.5	1882.5	1913.5	Frequency (MHz)				
22.38	22.36	22.35	22.5	QPSK	3MHz	1	0
22.17	22.11	22.15	22.5			1	7
22.10	22.15	22.08	22.5			1	14
21.37	21.32	21.41	21.5			8	0
21.32	21.27	21.31	21.5			8	3
21.20	21.17	21.24	21.5			8	7
21.36	21.34	21.25	21.5			15	0
21.09	21.05	20.94	21.5	16QAM		1	0
20.99	21.29	21.42	21.5			1	7
21.35	21.30	21.25	21.5			1	14
20.33	20.43	20.48	20.5			8	0
20.31	20.30	20.34	20.5			8	3
20.27	20.21	20.15	20.5			8	7
20.11	20.26	20.16	20.5			15	0
20.30	20.23	20.24	20.5	64QAM		1	0
20.13	20.18	20.20	20.5			1	7
20.15	20.01	20.10	20.5			1	14
19.45	19.42	19.39	19.5			8	0
19.33	19.37	19.42	19.5			8	3
19.42	19.32	19.34	19.5			8	7
19.14	19.08	19.18	19.5			15	0
17.07	17.29	17.32	17.5	256QAM		1	0
17.35	17.31	17.30	17.5			1	7
17.38	17.27	17.34	17.5			1	14
17.15	17.16	17.08	17.5			8	0
17.16	17.14	16.99	17.5			8	3
17.19	17.18	17.38	17.5			8	7
17.15	17.23	17.29	17.5			15	0

LTE Band 25 Ant 3							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
26047	26365	26683	Channel				
1850.7	1882.5	1914.3	Frequency (MHz)				
22.43	22.33	22.38	22.5	QPSK	1.4MHz	1	0
22.25	22.11	22.20	22.5			1	2
22.04	22.10	22.05	22.5			1	5
21.44	21.31	21.37	22.5			3	0
21.36	21.32	21.37	22.5			3	1
21.20	21.19	21.25	22.5			3	3
21.33	21.39	21.19	21.5			6	0
21.01	20.96	20.96	21.5	16QAM		1	0
20.92	21.27	21.34	21.5			1	2
21.35	21.33	21.28	21.5			1	5
20.34	20.41	20.47	21.5			3	0
20.27	20.28	20.25	21.5			3	1
20.29	20.13	20.19	21.5			3	3
20.18	20.22	20.15	20.5			6	0
20.22	20.20	20.26	20.5	64QAM		1	0
20.19	20.12	20.15	20.5			1	2
20.15	20.10	20.16	20.5			1	5
19.40	19.39	19.39	20.5			3	0
19.38	19.37	19.35	20.5			3	1
19.41	19.30	19.29	20.5			3	3
19.07	19.13	19.14	19.5			6	0
17.13	17.35	17.34	17.5	256QAM		1	0
17.34	17.24	17.32	17.5			1	2
17.36	17.29	17.37	17.5			1	5
17.16	17.12	17.12	17.5			3	0
17.24	17.13	17.05	17.5			3	1
17.20	17.26	17.32	17.5			3	3
17.21	17.24	17.29	17.5			6	0

LTE Band 30 Ant 3							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
27710			Channel				
2310			Frequency (MHz)				
	20.41		20.5	QPSK	10MHz	1	0
	20.23		20.5			1	24
	20.13		20.5			1	49
	19.41		19.5			25	0
	19.29		19.5			25	12
	19.23		19.5			25	25
	19.33		19.5			50	0
	19.11		19.5	16QAM		1	0
	18.98		19.5			1	24
	19.34		19.5			1	49
	18.32		18.5			25	0
	18.30		18.5			25	12
	18.27		18.5			25	25
	18.17		18.5			50	0
	18.23		18.5	64QAM		1	0
	18.13		18.5			1	24
	18.16		18.5			1	49
	17.40		17.5			25	0
	17.32		17.5			25	12
	17.46		17.5			25	25
	17.13		17.5			50	0
	15.06		15.5	256QAM		1	0
	15.38		15.5			1	24
	15.41		15.5			1	49
	15.13		15.5			25	0
	15.24		15.5			25	12
	15.22		15.5			25	25
	15.24		15.5			50	0

LTE Band 30 Ant 3							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
27685	27710	27735	Channel				
2307.5	2310	2312.5	Frequency (MHz)				
20.38	20.37	20.38	20.5	QPSK	5MHz	1	0
20.17	20.16	20.11	20.5			1	12
20.13	20.16	20.09	20.5			1	24
19.39	19.31	19.38	19.5			12	0
19.35	19.30	19.30	19.5			12	6
19.19	19.19	19.19	19.5			12	13
19.40	18.99	18.91	19.5			25	0
19.05	18.95	18.95	19.5	16QAM		1	0
18.97	19.27	19.41	19.5			1	12
19.40	19.33	19.26	19.5			1	24
18.27	18.35	18.39	18.5			12	0
18.35	18.28	18.34	18.5			12	6
18.32	18.19	18.22	18.5			12	13
18.19	18.23	18.14	18.5			25	0
18.31	18.25	18.21	18.5	64QAM		1	0
18.20	18.19	18.18	18.5			1	12
18.13	18.09	18.14	18.5			1	24
17.35	17.36	17.39	17.5			12	0
17.40	17.33	17.37	17.5			12	6
17.40	17.37	17.34	17.5			12	13
17.11	17.12	17.10	17.5			25	0
15.14	15.35	15.35	15.5	256QAM		1	0
15.40	15.27	15.32	15.5			1	12
15.34	15.29	15.33	15.5			1	24
15.10	15.10	15.02	15.5			12	0
15.14	15.05	15.03	15.5			12	6
15.21	15.23	15.32	15.5			12	13
15.17	15.20	15.29	15.5			25	0

LTE Band 38 Ant 3							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
37850	38000	38150	Channel				
2580	2595	2610	Frequency (MHz)				
20.43	20.44	20.40	20.5	QPSK	20MHz	1	0
20.16	20.20	20.18	20.5			1	49
20.13	20.12	20.16	20.5			1	99
19.36	19.42	19.31	19.5			50	0
19.28	19.38	19.33	19.5			50	25
19.22	19.24	19.19	19.5			50	50
19.33	19.28	19.34	19.5			100	0
19.07	18.96	18.94	19.5	16QAM		1	0
18.96	19.27	19.42	19.5			1	49
19.40	19.35	19.32	19.5			1	99
18.34	18.35	18.42	18.5			50	0
18.33	18.25	18.27	18.5			50	25
18.27	18.21	18.14	18.5			50	50
18.15	18.17	18.11	18.5			100	0
18.26	18.29	18.23	18.5	64QAM		1	0
18.18	18.11	18.21	18.5			1	49
18.17	18.05	18.17	18.5			1	99
17.44	17.43	17.37	17.5			50	0
17.40	17.33	17.41	17.5			50	25
17.47	17.30	17.29	17.5			50	50
17.14	17.07	17.15	17.5			100	0
15.12	15.26	15.33	15.5	256QAM		1	0
15.39	15.32	15.36	15.5			1	49
15.35	15.30	15.42	15.5			1	99
15.08	15.10	15.19	15.5			50	0
15.17	15.12	15.09	15.5			50	25
15.19	15.25	15.34	15.5			50	50
15.21	15.25	15.37	15.5			100	0

LTE Band 38 Ant 3							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
37825	38000	38175	Channel				
2577.5	2595	2612.5	Frequency (MHz)				
20.42	20.30	20.40	20.5	QPSK	15MHz	1	0
20.20	20.12	20.14	20.5			1	37
20.07	20.16	20.06	20.5			1	74
19.44	19.33	19.34	19.5			36	0
19.34	19.26	19.33	19.5			36	19
19.27	19.20	19.20	19.5			36	39
19.34	18.99	18.96	19.5			75	0
19.05	19.02	18.95	19.5	16QAM		1	0
19.01	19.28	19.43	19.5			1	37
19.38	19.30	19.22	19.5			1	74
18.29	18.41	18.42	18.5			36	0
18.31	18.23	18.33	18.5			36	19
18.30	18.12	18.15	18.5			36	39
18.17	18.23	18.17	18.5			75	0
18.30	18.27	18.17	18.5	64QAM		1	0
18.20	18.14	18.17	18.5			1	37
18.18	18.01	18.12	18.5			1	74
17.35	17.35	17.43	17.5			36	0
17.40	17.33	17.37	17.5			36	19
17.45	17.35	17.39	17.5			36	39
17.12	17.08	17.15	17.5			75	0
15.13	15.34	15.41	15.5	256QAM		1	0
15.42	15.29	15.31	15.5			1	37
15.36	15.29	15.30	15.5			1	74
15.16	15.16	15.06	15.5			36	0
15.21	15.05	15.06	15.5			36	19
15.19	15.24	15.25	15.5			36	39
15.23	15.29	15.24	15.5			75	0

LTE Band 38 Ant 3							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
37800	38000	38200	Channel				
2575	2595	2615	Frequency (MHz)				
20.37	20.40	20.44	20.5	QPSK	10MHz	1	0
20.19	20.14	20.11	20.5			1	24
20.03	20.18	20.11	20.5			1	49
19.39	19.31	19.40	19.5			25	0
19.35	19.32	19.33	19.5			25	12
19.20	19.19	19.21	19.5			25	25
19.26	18.91	18.99	19.5	50		0	
19.06	19.04	18.98	19.5	16QAM		1	0
18.97	19.32	19.36	19.5			1	24
19.36	19.34	19.29	19.5			1	49
18.35	18.33	18.48	18.5			25	0
18.34	18.31	18.32	18.5			25	12
18.33	18.15	18.20	18.5			25	25
18.11	18.18	18.20	18.5	64QAM		50	0
18.24	18.22	18.19	18.5			1	0
18.13	18.19	18.16	18.5			1	24
18.19	18.09	18.11	18.5			1	49
17.39	17.39	17.45	17.5			25	0
17.34	17.37	17.35	17.5		25	12	
17.48	17.36	17.29	17.5	25	25		
17.11	17.04	17.17	17.5	50	0		
15.16	15.30	15.41	15.5	256QAM	1	0	
15.39	15.26	15.34	15.5		1	24	
15.43	15.30	15.35	15.5		1	49	
15.12	15.14	15.07	15.5		25	0	
15.22	15.07	15.03	15.5		25	12	
15.17	15.26	15.35	15.5		25	25	
15.20	15.19	15.24	15.5		50	0	

LTE Band 38 Ant 3							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
37775	38000	38225	Channel				
2572.5	2595	2617.5	Frequency (MHz)				
20.46	20.32	20.41	20.5	QPSK	5MHz	1	0
20.20	20.14	20.16	20.5			1	12
20.13	20.16	20.08	20.5			1	24
19.42	19.27	19.36	19.5			12	0
19.28	19.28	19.38	19.5			12	6
19.23	19.12	19.23	19.5			12	13
19.33	18.98	18.99	19.5			25	0
19.08	19.02	18.94	19.5	16QAM		1	0
18.96	19.34	19.37	19.5			1	12
19.35	19.33	19.24	19.5			1	24
18.29	18.41	18.45	18.5			12	0
18.33	18.22	18.34	18.5			12	6
18.30	18.15	18.15	18.5			12	13
18.18	18.17	18.20	18.5			25	0
18.24	18.21	18.26	18.5	64QAM		1	0
18.11	18.16	18.15	18.5			1	12
18.15	18.04	18.12	18.5			1	24
17.45	17.39	17.43	17.5			12	0
17.37	17.35	17.36	17.5			12	6
17.40	17.32	17.36	17.5			12	13
17.15	17.05	17.11	17.5			25	0
15.11	15.35	15.42	15.5	256QAM		1	0
15.41	15.33	15.34	15.5			1	12
15.36	15.35	15.38	15.5			1	24
15.09	15.09	15.09	15.5			12	0
15.18	15.14	15.02	15.5			12	6
15.17	15.19	15.27	15.5			12	13
15.21	15.23	15.29	15.5			25	0



LTE Band 40 Ant 3							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
38750	39150	39550	Channel				
2310	2350	2390	Frequency (MHz)				
22.47	22.44	22.42	22.5	QPSK	20 MHz	1	0
22.12	22.10	22.29	22.5			1	49
22.13	22.04	22.37	22.5			1	99
21.45	21.42	21.44	21.5			50	0
21.35	21.29	21.36	21.5			50	25
21.21	21.20	21.36	21.5			50	50
21.42	21.41	21.22	21.5			100	0
20.97	20.98	21.37	21.5	16QAM		1	0
21.38	21.34	21.35	21.5			1	49
21.31	21.27	21.37	21.5			1	99
20.39	20.48	20.39	20.5			50	0
20.35	20.26	20.30	20.5			50	25
20.23	20.23	20.41	20.5			50	50
20.16	20.13	20.23	20.5			100	0
20.26	20.19	20.43	20.5	64QAM		1	0
20.19	20.17	20.29	20.5			1	49
20.33	20.37	20.30	20.5			1	99
19.40	19.37	19.24	19.5			50	0
19.32	19.33	19.34	19.5			50	25
19.30	19.34	19.20	19.5			50	50
19.34	19.32	19.43	19.5			100	0
17.34	17.33	17.36	17.5	256QAM		1	0
17.37	17.33	17.24	17.5			1	49
17.36	17.37	17.45	17.5			1	99
17.11	17.04	17.25	17.5			50	0
17.11	17.04	17.41	17.5			50	25
17.28	17.35	17.32	17.5			50	50
17.31	17.26	17.30	17.5			100	0

LTE Band 40 Ant 3								
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset	
38725	39150	39575	Channel					
2307.5	2350	2392.5	Frequency (MHz)					
22.35	22.39	22.39	22.5	QPSK	15 MHz	1	0	
22.12	22.09	22.19	22.5			1	37	
22.13	22.05	22.01	22.5			1	74	
21.44	21.39	21.40	21.5			36	0	
21.25	21.27	21.29	21.5			36	19	
21.11	21.25	21.25	21.5			36	39	
21.41	21.43	21.20	21.5			75	0	
21.01	20.97	21.16	21.5	16QAM		1	0	
21.30	20.97	21.24	21.5			1	37	
21.22	21.29	21.24	21.5			1	74	
20.37	20.22	20.31	20.5			36	0	
20.30	20.20	20.22	20.5			36	19	
20.13	20.30	20.34	20.5			36	39	
20.13	20.08	20.28	20.5			75	0	
20.36	20.28	20.28	20.5	64QAM		1	0	
20.29	20.36	20.29	20.5			1	37	
20.32	20.30	20.34	20.5			1	74	
19.08	19.22	19.39	19.5			36	0	
19.09	19.18	19.30	19.5			36	19	
19.29	19.18	19.14	19.5			36	39	
19.17	19.16	19.30	19.5			75	0	
17.27	17.36	17.31	17.5	256QAM		1	0	
17.05	17.03	17.14	17.5			1	37	
17.09	16.95	16.93	17.5			1	74	
17.30	17.38	17.34	17.5			36	0	
17.18	17.25	17.21	17.5			36	19	
17.26	17.31	17.19	17.5			36	39	
17.07	17.12	17.18	17.5			75	0	

LTE Band 40 Ant 3							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
38700	39150	39600	Channel				
2305	2350	2395	Frequency (MHz)				
22.46	22.30	22.38	22.5	QPSK	10 MHz	1	0
22.16	22.15	22.14	22.5			1	24
22.07	22.13	22.10	22.5			1	49
21.44	21.25	21.43	21.5			25	0
21.34	21.31	21.30	21.5			25	12
21.19	21.15	21.20	21.5			25	25
21.30	21.32	21.18	21.5			50	0
21.04	21.02	20.95	21.5	16QAM		1	0
20.99	21.34	21.43	21.5			1	24
21.42	21.31	21.28	21.5			1	49
20.27	20.40	20.43	20.5			25	0
20.31	20.28	20.28	20.5			25	12
20.33	20.12	20.17	20.5			25	25
20.20	20.26	20.15	20.5			50	0
20.30	20.29	20.19	20.5	64QAM		1	0
20.20	20.37	20.20	20.5			1	24
20.29	20.22	20.38	20.5			1	49
19.40	19.34	19.44	19.5			25	0
19.40	19.30	19.39	19.5			25	12
19.40	19.35	19.33	19.5			25	25
19.27	19.23	19.30	19.5			50	0
17.35	17.32	17.36	17.5	256QAM		1	0
17.39	17.28	17.35	17.5			1	24
17.38	17.31	17.29	17.5			1	49
17.38	17.37	17.12	17.5			25	0
17.17	17.24	17.02	17.5			25	12
17.24	17.28	17.40	17.5			25	25
17.25	17.21	17.29	17.5			50	0

LTE Band 40 Ant 3							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
38725	38750	38775	Channel				
2307.5	2310	2312.5	Frequency (MHz)				
22.46	22.30	22.40	22.5	QPSK	5 MHz	1	0
22.21	22.19	22.13	22.5			1	12
22.11	22.19	22.06	22.5			1	24
21.35	21.29	21.42	21.5			12	0
21.28	21.25	21.31	21.5			12	6
21.26	21.22	21.21	21.5			12	13
21.32	21.35	21.18	21.5			25	0
21.08	21.00	20.98	21.5	16QAM		1	0
20.99	21.30	21.44	21.5			1	12
21.33	21.35	21.32	21.5			1	24
20.28	20.36	20.45	20.5			12	0
20.28	20.30	20.27	20.5			12	6
20.35	20.12	20.13	20.5			12	13
20.10	20.18	20.18	20.5			25	0
20.28	20.20	20.24	20.5	64QAM		1	0
20.13	20.33	20.14	20.5			1	12
20.39	20.27	20.29	20.5			1	24
19.41	19.36	19.41	19.5			12	0
19.33	19.31	19.37	19.5			12	6
19.48	19.32	19.37	19.5			12	13
19.29	19.29	19.37	19.5			25	0
17.29	17.26	17.38	17.5	256QAM		1	0
17.33	17.29	17.31	17.5			1	12
17.36	17.34	17.32	17.5			1	24
17.32	17.31	17.04	17.5			12	0
17.20	17.32	16.98	17.5			12	6
17.16	17.25	17.34	17.5			12	13
17.23	17.19	17.30	17.5			25	0

LTE Band 41 Ant 2									
Maximum Average Power (dBm)					Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
39750	40185	40620	41055	41490	Channel				
2506	2549.5	2593	2636.5	2680	Frequency (MHz)				
20.39	20.41	20.46	20.38	20.44	20.5	QPSK	20MHz	1	0
20.12	20.16	20.16	20.21	20.13	20.5			1	49
20.10	20.08	20.07	20.12	20.11	20.5			1	99
19.35	19.36	19.43	19.33	19.36	19.5			50	0
19.26	19.36	19.34	19.28	19.35	19.5			50	25
19.14	19.26	19.22	19.18	19.25	19.5			50	50
19.37	19.36	19.40	19.31	19.22	19.5			100	0
19.00	18.95	19.05	19.01	18.98	19.5	16QAM		1	0
19.35	19.43	19.01	19.27	19.37	19.5			1	49
19.27	19.25	19.38	19.32	19.22	19.5			1	99
18.42	18.47	18.25	18.33	18.43	18.5			50	0
18.30	18.25	18.27	18.24	18.30	18.5			50	25
18.22	18.20	18.35	18.18	18.13	18.5			50	50
18.25	18.13	18.19	18.26	18.17	18.5			100	0
18.23	18.21	18.30	18.24	18.24	18.5	64QAM		1	0
18.18	18.14	18.10	18.12	18.23	18.5			1	49
18.03	18.17	18.10	18.09	18.11	18.5			1	99
17.38	17.39	17.39	17.42	17.44	17.5			50	0
17.32	17.33	17.39	17.34	17.38	17.5			50	25
17.36	17.33	17.44	17.35	17.32	17.5			50	50
17.10	17.13	17.10	17.05	17.17	17.5		100	0	
15.29	15.40	15.08	15.36	15.32	15.5	256QAM	1	0	
15.33	15.29	15.34	15.32	15.28	15.5		1	49	
15.28	15.33	15.42	15.33	15.37	15.5		1	99	
15.12	15.06	15.17	15.09	15.13	15.5		50	0	
15.13	14.98	15.15	15.04	15.05	15.5		50	25	
15.28	15.33	15.20	15.18	15.32	15.5		50	50	
15.27	15.36	15.21	15.22	15.33	15.5		100	0	

LTE Band 41 Ant 2									
Maximum Average Power (dBm)					Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
39725	40173	40620	41068	41515	Channel				
2503.5	2548.3	2593	2637.8	2682.5	Frequency (MHz)				
20.37	20.35	20.44	20.40	20.37	24	QPSK	15MHz	1	0
20.16	20.14	20.20	20.21	20.20	24			1	37
20.13	20.12	20.04	20.09	20.10	24			1	74
19.34	19.41	19.41	19.32	19.35	23			36	0
19.30	19.37	19.33	19.26	19.30	23			36	19
19.14	19.18	19.19	19.15	19.19	23			36	39
18.90	18.96	19.34	18.95	18.97	23			75	0
19.02	18.93	19.11	18.98	19.01	23	16QAM		1	0
19.34	19.44	19.01	19.26	19.44	23			1	37
19.28	19.27	19.41	19.27	19.22	23			1	74
18.39	18.42	18.29	18.38	18.42	22			36	0
18.30	18.31	18.27	18.26	18.34	22			36	19
18.17	18.18	18.25	18.20	18.18	22			36	39
18.23	18.14	18.12	18.22	18.19	22			75	0
18.22	18.19	18.30	18.22	18.18	22	64QAM		1	0
18.11	18.24	18.19	18.19	18.24	22			1	37
18.10	18.13	18.09	18.09	18.16	22			1	74
17.40	17.39	17.35	17.35	17.45	21			36	0
17.39	17.35	17.30	17.30	17.36	21			36	19
17.37	17.35	17.48	17.35	17.33	21			36	39
17.12	17.15	17.09	17.09	17.09	21			75	0
15.29	15.39	15.13	15.27	15.34	19	256QAM		1	0
15.28	15.36	15.42	15.24	15.31	19			1	37
15.31	15.28	15.41	15.34	15.34	19			1	74
15.09	15.06	15.17	15.19	15.18	19			36	0
15.05	15.04	15.21	15.04	15.02	19			36	19
15.22	15.33	15.18	15.24	15.32	19			36	39
15.21	15.31	15.17	15.22	15.25	19			75	0

LTE Band 41 Ant 2									
Maximum Average Power (dBm)					Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
39700	40160	40620	41080	41540	Channel				
2501	2547	2593	2639	2685	Frequency (MHz)				
20.40	20.42	20.36	20.40	20.37	20.5	QPSK	10MHz	1	0
20.20	20.13	20.21	20.16	20.11	20.5			1	24
20.09	20.07	20.10	20.15	20.08	20.5			1	49
19.33	19.43	19.35	19.29	19.37	19.5			25	0
19.33	19.31	19.33	19.31	19.32	19.5			25	12
19.14	19.24	19.23	19.13	19.17	19.5			25	25
18.95	19.01	19.35	18.91	18.91	19.5			50	0
18.96	18.95	19.08	18.98	18.94	19.5	1		0	
19.36	19.40	18.98	19.29	19.36	19.5	1		24	
19.35	19.31	19.42	19.33	19.27	19.5	1		49	
18.43	18.42	18.32	18.43	18.42	18.5	25		0	
18.30	18.28	18.31	18.23	18.34	18.5	25		12	
18.12	18.21	18.28	18.21	18.17	18.5	25		25	
18.17	18.17	18.13	18.26	18.17	18.5	50		0	
18.21	18.25	18.21	18.29	18.27	18.5	1		0	
18.11	18.21	18.11	18.15	18.21	18.5	1		24	
18.05	18.11	18.18	18.03	18.18	18.5	1		49	
17.40	17.38	17.35	17.44	17.38	17.5	25		0	
17.31	17.38	17.33	17.29	17.34	17.5	25		12	
17.34	17.38	17.49	17.34	17.39	17.5	25		25	
17.13	17.09	17.07	17.09	17.10	17.5	50		0	
15.26	15.35	15.16	15.29	15.41	15.5	1		0	
15.27	15.30	15.37	15.29	15.30	15.5	1		24	
15.31	15.36	15.40	15.31	15.30	15.5	1		49	
15.18	15.08	15.10	15.10	15.02	15.5	25		0	
15.05	15.07	15.21	15.12	14.99	15.5	25		12	
15.20	15.37	15.25	15.19	15.35	15.5	25		25	
15.27	15.26	15.16	15.21	15.27	15.5	50		0	

LTE Band 41 Ant 2									
Maximum Average Power (dBm)					Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
39675	40148	40620	41093	41565	Channel				
2498.5	2545.8	2593	2640.3	2687.5	Frequency (MHz)				
20.32	20.41	20.45	20.39	20.40	20.5	QPSK	5MHz	1	0
20.15	20.14	20.17	20.21	20.16	20.5			1	12
20.15	20.14	20.04	20.11	20.13	20.5			1	24
19.25	19.36	19.37	19.28	19.40	19.5			12	0
19.28	19.37	19.35	19.24	19.36	19.5			12	6
19.19	19.24	19.27	19.22	19.19	19.5			12	13
18.93	19.01	19.36	18.98	18.93	19.5			25	0
18.96	18.93	19.02	18.97	18.94	19.5	1		0	
19.27	19.39	18.95	19.33	19.34	19.5	1		12	
19.28	19.24	19.36	19.32	19.32	19.5	1		24	
18.42	18.44	18.34	18.42	18.42	18.5	12		0	
18.29	18.33	18.36	18.24	18.29	18.5	12		6	
18.22	18.15	18.32	18.19	18.15	18.5	12		13	
18.23	18.14	18.14	18.25	18.19	18.5	25		0	
18.20	18.25	18.26	18.22	18.23	18.5	1		0	
18.17	18.19	18.12	18.16	18.22	18.5	1		12	
18.03	18.10	18.18	18.07	18.09	18.5	1		24	
17.42	17.42	17.45	17.44	17.41	17.5	12		0	
17.35	17.36	17.30	17.36	17.37	17.5	12		6	
17.32	17.29	17.39	17.33	17.30	17.5	12		13	
17.07	17.09	17.10	17.12	17.09	17.5	25	0		
15.30	15.40	15.10	15.35	15.39	15.5	1	0		
15.28	15.38	15.37	15.25	15.38	15.5	1	12		
15.32	15.32	15.40	15.36	15.31	15.5	1	24		
15.18	15.08	15.18	15.19	15.15	15.5	12	0		
15.13	15.11	15.19	15.11	15.12	15.5	12	6		
15.20	15.28	15.18	15.27	15.30	15.5	12	13		
15.29	15.30	15.20	15.29	15.27	15.5	25	0		



LTE Band 66 Ant 3							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
132072	132322	132572	Channel				
1720	1745	1770	Frequency (MHz)				
23.40	23.42	23.34	23.5	QPSK	20MHz	1	0
23.23	23.16	23.14	23.5			1	49
23.10	23.08	23.14	23.5			1	99
22.43	22.36	22.42	22.5			50	0
22.26	22.32	22.26	22.5			50	25
22.20	22.21	22.12	22.5			50	50
22.37	22.27	22.41	22.5			100	0
22.09	22.05	21.92	22.5	16QAM		1	0
21.95	22.33	22.42	22.5			1	49
22.33	22.32	22.32	22.5			1	99
21.32	21.36	21.43	21.5			50	0
21.34	21.29	21.33	21.5			50	25
21.27	21.18	21.16	21.5			50	50
21.19	21.18	21.20	21.5			100	0
21.25	21.22	21.26	21.5	64QAM		1	0
21.15	21.13	21.17	21.5			1	49
21.17	21.07	21.15	21.5			1	99
20.43	20.43	20.36	20.5			50	0
20.35	20.35	20.36	20.5			50	25
20.40	20.36	20.30	20.5			50	50
20.16	20.03	20.12	20.5			100	0
18.09	18.27	18.38	18.5	256QAM		1	0
18.33	18.26	18.37	18.5			1	49
18.43	18.33	18.36	18.5			1	99
18.11	18.14	18.10	18.5			50	0
18.24	18.14	18.04	18.5			50	25
18.24	18.24	18.28	18.5			50	50
18.24	18.23	18.23	18.5			100	0

LTE Band 66 Ant 3							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
132047	132322	132597	Channel				
1717.5	1745	1772.5	Frequency (MHz)				
23.38	23.32	23.44	23.5	QPSK	15MHz	1	0
23.24	23.21	23.19	23.5			1	37
23.10	23.12	23.04	23.5			1	74
22.37	22.26	22.36	22.5			36	0
22.35	22.28	22.33	22.5			36	19
22.24	22.21	22.22	22.5			36	39
22.33	22.34	22.18	22.5			75	0
22.01	21.97	21.97	22.5	16QAM		1	0
21.99	22.32	22.40	22.5			1	37
22.38	22.29	22.23	22.5			1	74
21.27	21.40	21.39	21.5			36	0
21.33	21.32	21.33	21.5			36	19
21.28	21.15	21.19	21.5			36	39
21.18	21.20	21.20	21.5			75	0
21.30	21.19	21.22	21.5	64QAM		1	0
21.20	21.10	21.20	21.5			1	37
21.17	21.11	21.17	21.5			1	74
20.39	20.36	20.41	20.5			36	0
20.40	20.35	20.33	20.5			36	19
20.40	20.36	20.32	20.5			36	39
20.14	20.05	20.17	20.5			75	0
18.12	18.35	18.33	18.5	256QAM		1	0
18.33	18.34	18.28	18.5			1	37
18.41	18.29	18.37	18.5			1	74
18.09	18.09	18.13	18.5			36	0
18.17	18.14	17.94	18.5			36	19
18.21	18.28	18.30	18.5			36	39
18.18	18.28	18.30	18.5			75	0

LTE Band 66 Ant 3							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
132022	132322	132622	Channel				
1715	1745	1775	Frequency (MHz)				
23.46	23.38	23.43	23.5	QPSK	10MHz	1	0
23.16	23.16	23.19	23.5			1	24
23.10	23.16	23.04	23.5			1	49
22.38	22.25	22.36	22.5			25	0
22.32	22.26	22.33	22.5			25	12
22.19	22.20	22.16	22.5			25	25
22.34	22.32	22.25	22.5			50	0
22.10	21.96	22.02	22.5	16QAM		1	0
21.99	22.26	22.35	22.5			1	24
22.39	22.25	22.24	22.5			1	49
21.29	21.34	21.42	21.5			25	0
21.33	21.29	21.33	21.5			25	12
21.26	21.15	21.16	21.5			25	25
21.11	21.24	21.12	21.5			50	0
21.31	21.25	21.17	21.5	64QAM		1	0
21.16	21.15	21.18	21.5			1	24
21.11	21.04	21.10	21.5			1	49
20.37	20.44	20.42	20.5			25	0
20.40	20.29	20.36	20.5			25	12
20.40	20.34	20.38	20.5			25	25
20.09	20.13	20.11	20.5			50	0
18.09	18.35	18.40	18.5	256QAM		1	0
18.36	18.29	18.34	18.5			1	24
18.33	18.31	18.38	18.5			1	49
18.14	18.10	18.10	18.5			25	0
18.15	18.09	18.02	18.5			25	12
18.25	18.28	18.35	18.5			25	25
18.18	18.27	18.27	18.5			50	0

LTE Band 66 Ant 3							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
131997	132322	132647	Channel				
1712.5	1745	1777.5	Frequency (MHz)				
23.43	23.36	23.44	23.5	QPSK	5MHz	1	0
23.20	23.20	23.12	23.5			1	12
23.04	23.10	23.04	23.5			1	24
22.35	22.34	22.38	22.5			12	0
22.30	22.29	22.33	22.5			12	6
22.21	22.19	22.16	22.5			12	13
22.30	22.40	22.24	22.5			25	0
22.04	22.05	21.95	22.5	16QAM		1	0
21.92	22.28	22.35	22.5			1	12
22.37	22.33	22.23	22.5			1	24
21.33	21.38	21.47	21.5			12	0
21.35	21.28	21.27	21.5			12	6
21.29	21.18	21.16	21.5			12	13
21.19	21.21	21.18	21.5			25	0
21.28	21.21	21.19	21.5	64QAM		1	0
21.18	21.19	21.22	21.5			1	12
21.19	21.10	21.10	21.5			1	24
20.42	20.37	20.37	20.5			12	0
20.38	20.30	20.33	20.5			12	6
20.40	20.35	20.35	20.5			12	13
20.06	20.11	20.09	20.5			25	0
18.15	18.30	18.37	18.5	256QAM		1	0
18.37	18.32	18.29	18.5			1	12
18.36	18.31	18.38	18.5			1	24
18.09	18.15	18.11	18.5			12	0
18.19	18.07	17.97	18.5			12	6
18.26	18.21	18.32	18.5			12	13
18.18	18.28	18.31	18.5			25	0

LTE Band 66 Ant 3							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
131987	132322	132657	Channel				
1711.5	1745	1778.5	Frequency (MHz)				
23.39	23.32	23.39	23.5	QPSK	3MHz	1	0
23.25	23.14	23.20	23.5			1	7
23.13	23.14	23.04	23.5			1	14
22.35	22.32	22.35	22.5			8	0
22.29	22.34	22.30	22.5			8	3
22.26	22.18	22.17	22.5			8	7
22.28	22.39	22.27	22.5			15	0
22.02	21.97	21.95	22.5	16QAM		1	0
22.02	22.29	22.34	22.5			1	7
22.32	22.30	22.30	22.5			1	14
21.26	21.40	21.41	21.5			8	0
21.28	21.25	21.25	21.5			8	3
21.29	21.17	21.18	21.5			8	7
21.14	21.17	21.21	21.5			15	0
21.26	21.25	21.23	21.5	64QAM		1	0
21.12	21.11	21.23	21.5			1	7
21.14	21.01	21.10	21.5			1	14
20.42	20.40	20.38	20.5			8	0
20.38	20.34	20.35	20.5			8	3
20.42	20.31	20.31	20.5			8	7
20.10	20.08	20.11	20.5			15	0
18.13	18.27	18.41	18.5	256QAM		1	0
18.34	18.32	18.34	18.5			1	7
18.39	18.30	18.30	18.5			1	14
18.16	18.16	18.19	18.5			8	0
18.16	18.12	17.95	18.5			8	3
18.25	18.21	18.32	18.5			8	7
18.20	18.28	18.23	18.5			15	0

LTE Band 66 Ant 3							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
131979	132322	132665	Channel				
1710.7	1745	1779.3	Frequency (MHz)				
23.36	23.33	23.34	23.5	QPSK	1.4MHz	1	0
23.16	23.21	23.11	23.5			1	2
23.09	23.14	23.10	23.5			1	5
22.41	22.27	22.33	23.5			3	0
22.32	22.32	22.29	23.5			3	1
22.17	22.16	22.20	23.5			3	3
22.30	22.37	22.23	22.5			6	0
22.02	21.96	21.95	22.5	16QAM		1	0
21.97	22.27	22.38	22.5			1	2
22.32	22.30	22.22	22.5			1	5
21.28	21.35	21.48	22.5			3	0
21.30	21.31	21.31	22.5			3	1
21.34	21.12	21.22	22.5			3	3
21.16	21.23	21.18	21.5			6	0
21.31	21.22	21.17	21.5	64QAM		1	0
21.12	21.15	21.24	21.5			1	2
21.19	21.02	21.12	21.5			1	5
20.38	20.44	20.40	21.5			3	0
20.30	20.35	20.38	21.5			3	1
20.44	20.33	20.38	21.5			3	3
20.09	20.04	20.12	20.5			6	0
18.08	18.34	18.35	18.5	256QAM		1	0
18.33	18.32	18.36	18.5			1	2
18.35	18.34	18.26	18.5			1	5
18.08	18.13	18.04	18.5			3	0
18.20	18.07	18.06	18.5			3	1
18.26	18.19	18.26	18.5			3	3
18.23	18.19	18.29	18.5			6	0

LTE Band 42 Ant 4							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
43190	43340	43490	Channel				
3560	3575	3590	Frequency (MHz)				
22.82	22.81	23.07	24	QPSK	20 MHz	1	0
22.78	22.69	22.76	24			1	49
22.68	22.58	22.69	24			1	99
21.80	21.75	21.82	23			50	0
21.77	21.69	21.65	23			50	25
21.62	21.71	21.55	23			50	50
21.92	21.88	21.94	23			100	0
21.84	21.80	21.79	23	16QAM		1	0
21.76	21.67	21.74	23			1	49
21.66	21.56	21.67	23			1	99
20.80	20.75	20.73	22			50	0
20.78	20.67	20.63	22			50	25
20.69	20.60	20.53	22			50	50
20.90	20.86	20.92	22			100	0
20.80	20.76	20.75	22	64QAM		1	0
20.72	20.63	20.70	22			1	49
20.62	20.52	20.63	22			1	99
19.76	19.71	19.69	21			50	0
19.74	19.63	19.59	21			50	25
19.65	19.56	19.49	21			50	50
19.86	19.82	19.88	21			100	0
18.86	18.55	18.80	19	256QAM		1	0
18.99	18.51	18.68	19			1	49
18.54	18.68	18.63	19			1	99
18.69	18.66	18.94	19			50	0
18.67	18.51	18.89	19			50	25
18.90	18.61	18.75	19			50	50
18.60	19.00	19.00	19			100	0

LTE Band 42 Ant 4							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
43165	43340	43515	Channel				
3557.5	3575	3592.5	Frequency (MHz)				
22.88	22.67	22.90	24	QPSK	15 MHz	1	0
22.64	22.61	22.63	24			1	37
22.59	22.74	22.76	24			1	74
21.57	21.69	21.52	23			36	0
21.53	21.59	21.52	23			36	19
21.52	21.69	21.92	23			36	39
21.87	21.92	21.58	23			75	0
22.00	21.56	21.93	23	16QAM		1	0
21.72	21.70	21.53	23			1	37
21.74	22.00	21.58	23			1	74
20.59	20.87	20.51	22			36	0
20.86	20.82	20.98	22			36	19
20.82	20.61	20.86	22			36	39
20.51	20.79	20.95	22			75	0
20.61	20.51	20.69	22	64QAM		1	0
20.82	20.57	20.59	22			1	37
20.70	20.93	20.83	22			1	74
19.88	19.99	19.90	21			36	0
19.72	19.64	19.91	21			36	19
19.50	19.67	19.74	21			36	39
19.57	20.00	19.61	21			75	0
17.78	18.00	17.68	19	256QAM		1	0
17.69	17.82	17.93	19			1	37
17.68	17.64	17.50	19			1	74
17.87	17.67	17.71	19			36	0
17.71	17.70	17.81	19			36	19
17.55	17.79	17.75	19			36	39
17.51	17.91	17.59	19			75	0



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

LTE Band 42 Ant 4							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
43115	43340	43565	Channel				
3552.5	3575	3597.5	Frequency (MHz)				
22.64	22.85	22.79	24	QPSK	5 MHz	1	0
22.94	22.67	22.55	24			1	12
23.00	22.84	22.52	24			1	24
21.58	21.65	21.65	23			12	0
21.75	21.75	21.98	23			12	6
21.77	21.94	21.82	23			12	13
21.52	21.67	21.66	23			25	0
21.72	21.64	21.88	23	16QAM		1	0
21.53	21.90	21.63	23			1	12
21.61	21.84	21.57	23			1	24
20.62	20.86	20.70	22			12	0
20.90	20.63	20.88	22			12	6
20.76	20.74	20.70	22			12	13
20.68	20.91	20.82	22			25	0
20.60	20.66	20.80	22	64QAM		1	0
20.82	20.78	20.96	22			1	12
20.74	20.69	20.87	22			1	24
19.56	19.80	19.72	21			12	0
19.94	19.91	19.55	21			12	6
19.86	19.55	19.65	21			12	13
19.50	19.89	19.86	21			25	0
17.50	17.69	17.86	19	256QAM		1	0
17.88	17.99	17.82	19			1	12
17.90	17.58	18.00	19			1	24
17.69	17.65	17.79	19			12	0
17.51	17.95	17.66	19			12	6
17.50	17.97	17.95	19			12	13
17.79	17.76	17.50	19			25	0

LTE Band 43 Ant 4							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
44190	44340	44490	Channel				
3660	3675	3690	Frequency (MHz)				
22.85	22.89	22.84	24	QPSK	20 MHz	1	0
22.83	22.76	22.78	24			1	49
22.72	22.74	22.68	24			1	99
22.44	22.49	22.46	23			50	0
22.43	22.39	22.39	23			50	25
22.41	22.42	22.30	23			50	50
21.90	21.92	21.58	23			100	0
22.23	22.23	22.15	23	16QAM		1	0
22.17	22.08	22.04	23			1	49
22.12	21.99	22.05	23			1	99
21.42	21.43	21.46	22			50	0
21.48	21.40	21.36	22			50	25
21.43	21.39	21.35	22			50	50
20.91	20.96	20.91	22			100	0
21.38	21.34	21.27	22	64QAM		1	0
21.32	21.24	21.29	22			1	49
21.30	21.27	21.31	22			1	99
20.47	20.47	20.30	21			50	0
20.41	20.37	20.32	21			50	25
20.41	20.44	20.37	21			50	50
20.07	20.11	20.05	21			100	0
18.71	18.72	18.89	19	256QAM		1	0
18.57	18.72	18.72	19			1	49
18.67	18.92	18.52	19			1	99
18.52	18.89	18.92	19			50	0
18.58	18.89	18.53	19			50	25
18.91	18.83	18.59	19			50	50
18.50	18.98	18.73	19			100	0

LTE Band 43 Ant 4								
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset	
44165	44340	44515	Channel					
3657.5	3675	3692.5	Frequency (MHz)					
22.85	22.86	22.82	24	QPSK	15 MHz	1	0	
22.79	22.81	22.74	24			1	37	
22.73	22.63	22.70	24			1	74	
22.45	22.40	22.38	23			36	0	
22.38	22.35	22.36	23			36	19	
22.36	22.29	22.29	23			36	39	
21.86	21.80	21.79	23			75	0	
22.13	22.05	22.04	23	16QAM		1	0	
22.10	22.11	22.07	23			1	37	
21.99	22.04	21.93	23			1	74	
21.44	21.46	21.50	22			36	0	
21.38	21.48	21.39	22			36	19	
21.35	21.35	21.19	22			36	39	
20.86	20.82	20.76	22			75	0	
21.38	21.36	21.36	22	64QAM		1	0	
21.32	21.33	21.22	22			1	37	
21.25	21.37	21.26	22			1	74	
20.49	20.43	20.31	21			36	0	
20.48	20.35	20.30	21			36	19	
20.48	20.37	20.30	21			36	39	
20.06	20.08	20.08	21			75	0	
17.78	17.77	17.52	19	256QAM		1	0	
17.89	17.53	17.83	19			1	37	
17.86	17.51	17.95	19			1	74	
17.63	17.98	17.73	19			36	0	
17.99	17.72	17.93	19			36	19	
17.89	17.71	17.76	19			36	39	
17.70	17.95	17.78	19			75	0	

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

LTE Band 43 Ant 4							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
44115	44340	44565	Channel				
3652.5	3675	3697.5	Frequency (MHz)				
22.85	22.87	22.79	24	QPSK	5 MHz	1	0
22.83	22.78	22.79	24			1	12
22.82	22.76	22.75	24			1	24
22.38	22.43	22.43	23			12	0
22.35	22.34	22.43	23			12	6
22.34	22.31	22.47	23			12	13
21.73	21.67	21.68	23			25	0
22.12	22.15	22.12	23	16QAM		1	0
22.09	22.11	22.06	23			1	12
22.03	22.11	22.01	23			1	24
21.43	21.45	21.39	22			12	0
21.42	21.36	21.35	22			12	6
21.40	21.36	21.30	22			12	13
20.85	20.79	20.86	22			25	0
21.38	21.39	21.35	22	64QAM		1	0
21.37	21.31	21.19	22			1	12
21.28	21.27	21.33	22			1	24
20.49	20.41	20.40	21			12	0
20.41	20.42	20.42	21			12	6
20.47	20.41	20.44	21			12	13
20.13	20.05	20.09	21			25	0
17.80	17.86	17.92	19	256QAM		1	0
17.84	17.94	17.90	19			1	12
17.94	17.90	18.00	19			1	24
17.55	17.90	17.80	19			12	0
17.76	17.77	17.87	19			12	6
17.54	17.88	17.78	19			12	13
17.73	17.83	17.94	19			25	0

LTE Band 48 Ant 4								
Maximum Average Power (dBm)				Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
55340	55773	56207	56640	Channel				
3560	3603.3	3646.7	3690	Frequency (MHz)				
22.85	22.87	22.91	22.88	24	QPSK	20 MHz	1	0
22.81	22.84	22.41	22.81	24			1	49
22.83	22.78	22.32	22.69	24			1	99
21.62	21.42	21.73	21.54	23			50	0
21.49	21.39	21.60	21.48	23			50	25
21.40	21.30	21.51	21.39	23			50	50
21.60	21.50	21.71	21.59	23			100	0
21.69	21.65	21.43	21.66	23	16QAM		1	0
21.65	21.62	21.39	21.79	23			1	49
21.61	21.76	21.30	21.67	23			1	99
20.50	20.30	20.61	20.42	22			50	0
20.47	20.37	20.58	20.46	22			50	25
20.38	20.28	20.49	20.37	22			50	50
20.58	20.48	20.69	20.57	22			100	0
20.85	20.81	20.39	20.82	22	64QAM		1	0
20.81	20.78	20.35	20.75	22			1	49
20.77	20.72	20.26	20.63	22			1	99
19.46	19.26	19.57	19.38	21			50	0
19.43	19.33	19.54	19.42	21			50	25
19.34	19.24	19.45	19.33	21			50	50
19.54	19.44	19.65	19.53	21			100	0
18.75	18.50	18.82	18.52	19	256QAM		1	0
18.50	18.85	18.68	18.50	19			1	49
18.77	18.72	18.96	18.73	19			1	99
18.88	18.79	18.57	18.64	19			50	0
18.78	18.74	18.63	18.51	19			50	25
18.60	18.52	18.67	18.98	19			50	50
18.75	18.91	18.56	19.00	19			100	0