

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

NR Band n48 Ant 6								
Maximum Average Power (dBm)				Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
638000	640444	642888	645332	Channel				
3570	3606.66	3643.32	3679.98	Frequency (MHz)				
23.41	23.50	23.60	23.58	24	DFT-S $\pi/2$ BPSK	40 MHz	1	1
23.52	23.49	23.47	23.46	24			1	53
23.40	23.52	23.48	23.55	24			1	104
22.54	22.60	22.57	22.57	23.5			50	0
23.12	23.06	23.02	23.13	24			50	28
22.50	22.55	22.58	22.70	23.5			50	56
22.63	22.62	22.52	22.55	23.5			100	0
23.60	23.81	23.67	23.53	24	DFT-S QPSK		1	1
23.48	23.40	23.46	23.57	24			1	53
23.47	23.45	23.42	23.40	24			1	104
22.18	22.20	22.05	22.01	23			50	0
23.20	23.30	23.23	23.18	24			50	28
22.07	22.07	22.13	22.19	23			50	56
22.07	22.15	22.02	22.14	23			100	0
22.05	22.16	22.16	22.07	23	DFT-S 16QAM		1	1
20.66	20.67	20.53	20.59	21.5	DFT-S 64QAM		1	1
18.56	18.62	18.68	18.55	19.5	DFT-S 256QAM		1	1
21.66	21.55	21.57	21.64	22.5	CP QPSK		1	1

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

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

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

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

NR Band n77 Ant 6													
Maximum Average Power (dBm)								Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset	
633334	637430	641524	645619	649714	653810	657904	662000	Channel					
3500.01	3561.45	3622.86	3684.3	3745.71	3807.15	3868.56	3930	Frequency (MHz)					
23.70	23.56	23.61	23.57	23.56	23.58	23.69	23.12	24	DFT-S $\pi/2$ BPSK	100 MHz	1	1	
23.61	23.56	23.56	23.59	23.63	23.61	23.51	23.10	24			1	137	
23.69	23.64	23.70	23.51	23.53	23.55	23.64	23.02	24			1	271	
23.07	23.12	23.12	23.04	23.07	23.13	23.20	22.57	23.5			135	0	
23.53	23.55	23.68	23.63	23.62	23.50	23.61	23.01	24			135	69	
23.12	23.13	23.01	23.02	23.12	23.11	23.11	22.56	23.5			135	138	
23.11	23.16	23.16	23.20	23.00	23.06	23.01	22.69	23.5			270	0	
23.79	23.55	23.52	23.90	23.63	23.51	23.72	23.08	24	DFT-S QPSK		1	1	
23.52	23.58	23.53	23.54	23.65	23.53	23.68	23.17	24			1	137	
23.56	23.63	23.53	23.57	23.69	23.55	23.59	23.18	24			1	271	
22.59	22.67	22.63	22.58	22.55	22.52	22.68	22.07	23			135	0	
23.54	23.57	23.63	23.73	23.61	23.58	23.63	23.04	24			135	69	
22.62	22.57	22.64	22.66	22.69	22.60	22.51	22.00	23			135	138	
22.67	22.66	22.70	22.72	22.66	22.62	22.64	22.06	23			270	0	
22.61	22.70	22.56	22.68	22.64	22.68	22.52	22.14	23	DFT-S 16QAM		1	1	
21.15	21.20	21.19	21.09	21.10	21.17	21.05	20.55	21.5	DFT-S 64QAM		1	1	
19.07	19.15	19.20	19.13	19.16	19.03	19.20	18.58	19.5	DFT-S 256QAM		1	1	
22.02	22.10	22.07	22.06	22.18	22.18	22.09	21.68	22.5	CP QPSK		1	1	

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

NR Band n77 Ant 7												
Maximum Average Power (dBm)								Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
633334	637430	641524	645619	649714	653810	657904	662000	Channel				
3500.01	3561.45	3622.86	3684.3	3745.71	3807.15	3868.56	3930	Frequency (MHz)				
23.40	23.32	23.30	23.50	23.32	23.46	23.40	23.32	24	DFT-S $\pi/2$ BPSK	100 MHz	1	1
23.35	23.47	23.44	23.47	23.48	23.37	23.31	23.30	24			1	137
23.50	23.48	23.49	23.49	23.48	23.47	23.44	23.44	24			1	271
22.93	22.84	22.87	22.83	23.00	22.84	22.84	22.84	23.5			135	0
23.43	23.50	23.37	23.42	23.39	23.35	23.40	23.32	24			135	69
22.92	22.88	23.00	22.91	22.93	22.95	22.92	22.89	23.5			135	138
22.99	22.88	22.90	22.81	22.84	22.90	22.97	22.89	23.5			270	0
23.40	23.42	23.48	23.66	23.42	23.54	23.50	23.61	24	DFT-S QPSK		1	1
23.34	23.30	23.40	23.42	23.50	23.31	23.36	23.46	24			1	137
23.46	23.45	23.38	23.34	23.50	23.34	23.41	23.38	24			1	271
22.45	22.34	22.39	22.31	22.49	22.48	22.37	22.49	23			135	0
23.35	23.42	23.34	23.50	23.36	23.44	23.39	23.39	24			135	69
22.35	22.31	22.49	22.35	22.42	22.42	22.48	22.48	23			135	138
22.41	22.39	22.36	22.43	22.36	22.36	22.41	22.39	23			270	0
22.33	22.32	22.39	22.36	22.42	22.31	22.48	22.45	23	DFT-S 16QAM		1	1
20.99	20.89	20.80	20.85	20.98	20.95	20.82	20.86	21.5	DFT-S 64QAM		1	1
18.82	18.90	18.88	18.92	18.85	18.88	18.95	18.82	19.5	DFT-S 256QAM		1	1
21.87	21.85	21.85	21.81	21.94	21.80	21.90	21.96	22.5	CP QPSK		1	1

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

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

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

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

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

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

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

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

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

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

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

NR Band n41 MIMO (Ant 1 + 3)																					
Maximum Average Power (dBm)														Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset			
509202			513900			518598			523302			528000									
2546.01			2569.5			2592.99			2616.51			2640			Channel 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						
17.04	17.06	20.06	17.04	17.01	20.04	17.06	17.01	20.05	17.08	17.01	20.06	17.03	17.06	20.06	20.5	DFT-S π/2 BPSK	100 MHz	1	1		
16.54	16.58	19.57	16.52	16.58	19.56	16.57	16.54	19.57	16.54	16.5	19.53	16.59	16.55	19.58				1	137		
16.59	16.51	19.56	16.6	16.54	19.58	16.5	16.56	19.54	16.55	16.5	19.54	16.53	16.56	19.56				1	271		
16.01	16.06	19.05	16.08	16.07	19.09	16.09	16.02	19.07	16.05	16.05	19.06	16.09	16.07	19.09				20.0	DFT-S π/2 BPSK	135	0
16.59	16.54	19.58	16.58	16.56	19.58	16.53	16.57	19.56	16.55	16.54	19.56	16.53	16.55	19.55				20.5	DFT-S π/2 BPSK	135	69
16.01	16.04	19.04	16.01	16.01	19.02	16.02	16.04	19.04	16.02	16.08	19.06	16.06	16.02	19.05				20.0	DFT-S π/2 BPSK	135	138
16.05	16.04	19.06	16.08	16.02	19.06	16.01	16.02	19.03	16.06	16	19.04	16.08	16.05	19.08				20.0	DFT-S π/2 BPSK	270	0
17.24	17.21	20.24	17.25	17.22	20.25	17.21	17.23	20.23	17.23	17.21	20.23	17.24	17.25	20.26				20.5	DFT-S QPSK	1	1
16.6	16.52	19.57	16.51	16.57	19.55	16.56	16.51	19.55	16.57	16.52	19.56	16.56	16.58	19.58				20.5	DFT-S QPSK	1	137
16.54	16.54	19.55	16.55	16.59	19.58	16.51	16.59	19.56	16.5	16.5	19.51	16.55	16.52	19.55				20.5	DFT-S QPSK	1	271
15.56	15.54	18.56	15.59	15.5	18.56	15.58	15.55	18.58	15.52	15.56	18.55	15.59	15.57	18.59				19.5	DFT-S QPSK	135	0
16.58	16.5	19.55	16.58	16.57	19.59	16.59	16.51	19.56	16.59	16.51	19.56	16.56	16.54	19.56				20.5	DFT-S QPSK	135	69
15.58	15.57	18.59	15.56	15.57	18.58	15.5	15.53	18.53	15.6	15.54	18.58	15.55	15.58	18.58				19.5	DFT-S QPSK	135	138
15.52	15.57	18.56	15.58	15.57	18.59	15.56	15.59	18.59	15.51	15.56	18.55	15.52	15.56	18.55				19.5	DFT-S QPSK	270	0
16.01	16.03	19.03	16.05	16.06	19.07	16	16.08	19.05	16.05	16.08	19.08	16.03	16.01	19.03				19.5	DFT-S 16QAM	1	1
14.57	14.51	17.55	14.52	14.51	17.53	14.57	14.58	17.59	14.52	14.5	17.52	14.54	14.58	17.57				18.0	DFT-S 64QAM	1	1
12.51	12.58	15.56	12.55	12.51	15.54	12.51	12.53	15.53	12.51	12.56	15.55	12.59	12.57	15.59	16.0	DFT-S 256QAM	1	1			
15.5	15.55	18.54	15.55	15.6	18.59	15.52	15.56	18.55	15.53	15.5	18.53	15.57	15.55	18.57	19.0	CP QPSK	1	1			

NR Band n48 MIMO (Ant 4 * 7)														
Maximum Average Power (dBm)										Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
630000			640444			642888			645332			Channel		
3570			360636			364332			367938			Frequency (MHz)		
												Tx Chain		
Ant 4	Ant 7	Total	Ant 4	Ant 7	Total	Ant 4	Ant 7	Total	Ant 4	Ant 7	Total			
20.51	20.54	20.53	20.51	20.51	20.53	20.53	20.53	20.53	20.51	20.53	20.51	20.51	20.51	
20.51	20.52	20.53	20.51	20.5	20.52	20.53	20.5	20.53	20.53	20.51	20.53	20.40	DFT-S m2 BPSK	
20.02	20.05	20.03	20.02	20.04	20.04	20.02	19.98	20.01	20.05	20.01	20.04	20.40	DFT-S m2 BPSK	
19.09	19.7	22.71	19.68	19.09	22.7	19.65	19.7	22.69	19.68	19.69	22.7	23.5	DFT-S m2 BPSK	
20.24	20.23	20.25	20.22	20.21	20.23	20.17	20.24	20.22	20.21	20.23	20.23	20.40	DFT-S m2 BPSK	
19.06	19.65	22.67	19.62	19.62	22.63	19.62	19.64	22.64	19.66	22.63	22.67	23.5	DFT-S m2 BPSK	
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 m2 BPSK	
20.72	20.71	20.73	20.75	20.7	20.74	20.71	20.71	20.73	20.73	20.73	20.73	20.40	DFT-S QPSK	
20.49	20.43	20.49	20.49	20.46	20.43	20.49	20.42	20.45	20.48	20.46	20.48	24.0	DFT-S QPSK	
20.13	20.14	20.15	20.11	20.14	20.14	20.06	20.13	20.12	20.11	20.15	20.14	24.0	DFT-S QPSK	
19.8	19.76	22.79	19.79	19.76	22.76	19.78	19.78	22.78	19.8	19.78	22.79	22.75	DFT-S QPSK	
20.21	20.23	20.23	20.24	20.23	20.25	20.22	20.19	20.22	20.22	20.21	20.23	24.0	DFT-S QPSK	
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	
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	
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	
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	
16.44	16.46	19.46	16.49	16.41	19.46	16.46	16.44	19.46	16.46	16.45	19.48	19.5	DFT-S 256QAM	
19.47	19.49	22.49	19.48	19.47	22.49	19.44	19.44	22.47	19.44	19.47	22.47	22.5	CP QPSK	

[illegible]

[illegible]

<Hotspot Mode Conducted Power DSI-3>

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)				
21.26	21.28	21.25	21.5	QPSK	20 MHz	1	0
21.16	21.20	21.20	21.5			1	49
21.14	21.11	21.14	21.5			1	99
20.10	20.20	20.19	20.5			50	0
20.19	20.17	20.11	20.5			50	25
20.18	20.16	20.15	20.5			50	50
20.17	20.18	20.15	20.5			100	0
20.16	20.10	20.14	20.5	16QAM		1	0
20.20	20.19	20.12	20.5			1	49
20.17	20.20	20.18	20.5			1	99
19.18	19.20	19.10	19.5			50	0
19.13	19.15	19.17	19.5			50	25
19.17	19.20	19.19	19.5			50	50
19.20	19.19	19.12	19.5			100	0
19.12	19.10	19.20	19.5	64QAM		1	0
19.20	19.17	19.11	19.5			1	49
19.14	19.10	19.11	19.5			1	99
18.16	18.14	18.11	18.5			50	0
18.15	18.11	18.11	18.5			50	25
18.14	18.14	18.17	18.5			50	50
18.13	18.13	18.14	18.5			100	0
16.14	16.17	16.14	16.5	256QAM		1	0
16.13	16.17	16.17	16.5			1	49
16.17	16.15	16.20	16.5			1	99
16.16	16.12	16.16	16.5			50	0
16.15	16.18	16.15	16.5			50	25
16.12	16.14	16.12	16.5			50	50
16.18	16.18	16.13	16.5			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)				
21.03	21.04	20.97	21.5	QPSK	15 MHz	1	0
20.98	20.80	21.01	21.5			1	37
20.80	20.88	20.92	21.5			1	74
19.81	19.99	19.88	20.5			36	0
20.10	19.98	19.88	20.5			36	19
19.95	19.90	19.98	20.5			36	39
19.89	20.09	20.08	20.5			75	0
20.10	20.07	19.95	20.5	16QAM		1	0
19.89	20.04	19.98	20.5			1	37
20.03	20.03	20.04	20.5			1	74
19.00	19.05	18.98	19.5			36	0
18.93	18.92	19.06	19.5			36	19
18.82	18.83	18.85	19.5			36	39
19.06	18.87	18.97	19.5			75	0
19.04	18.95	19.00	19.5	64QAM		1	0
19.06	18.83	19.05	19.5			1	37
19.07	18.86	19.00	19.5			1	74
17.86	17.82	17.82	18.5			36	0
18.05	18.09	17.95	18.5			36	19
17.93	17.82	17.87	18.5			36	39
17.93	17.88	18.09	18.5			75	0
16.06	15.95	15.90	16.5	256QAM		1	0
16.04	15.82	16.04	16.5			1	37
15.85	15.91	16.06	16.5			1	74
15.93	15.97	16.05	16.5			36	0
15.86	16.00	16.03	16.5			36	19
15.88	15.87	16.10	16.5			36	39
15.94	16.04	16.00	16.5			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)				
20.88	20.82	21.04	21.5	QPSK	10 MHz	1	0
20.96	20.81	21.08	21.5			1	24
21.06	20.92	21.00	21.5			1	49
19.98	19.94	19.88	20.5			25	0
20.07	19.81	19.96	20.5			25	12
19.86	20.08	19.86	20.5			25	25
19.82	20.05	19.90	20.5			50	0
20.02	20.04	19.85	20.5	16QAM		1	0
19.89	19.99	19.87	20.5			1	24
19.80	20.03	20.06	20.5			1	49
18.90	18.80	19.04	19.5			25	0
18.86	19.00	18.93	19.5			25	12
18.97	18.99	19.10	19.5			25	25
18.86	18.84	19.07	19.5			50	0
18.98	18.95	18.96	19.5	64QAM		1	0
18.82	18.91	18.89	19.5			1	24
19.04	18.98	19.05	19.5			1	49
17.83	18.03	17.81	18.5			25	0
17.88	17.86	17.86	18.5			25	12
17.88	17.81	17.92	18.5			25	25
17.88	17.97	17.91	18.5			50	0
16.07	16.07	15.97	16.5	256QAM		1	0
15.85	15.83	15.97	16.5			1	24
15.81	15.99	16.07	16.5			1	49
15.83	16.10	15.84	16.5			25	0
16.05	16.07	15.99	16.5			25	12
16.10	16.07	15.80	16.5			25	25
15.80	16.08	16.05	16.5			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)				
21.04	21.10	21.01	21.5	QPSK	5 MHz	1	0
20.95	20.85	21.05	21.5			1	12
21.08	20.98	20.81	21.5			1	24
20.02	20.05	19.90	20.5			12	0
19.99	19.91	20.03	20.5			12	6
19.96	19.85	20.09	20.5			12	13
19.82	19.93	20.10	20.5			25	0
20.05	19.90	19.80	20.5	16QAM		1	0
19.80	20.10	20.07	20.5			1	12
19.83	19.85	19.92	20.5			1	24
18.91	19.04	18.81	19.5			12	0
18.85	18.92	19.04	19.5			12	6
18.90	19.02	18.81	19.5			12	13
19.08	19.07	18.83	19.5			25	0
18.96	18.82	18.93	19.5	64QAM		1	0
19.07	18.89	18.89	19.5			1	12
18.81	18.87	19.07	19.5			1	24
17.98	18.08	18.05	18.5			12	0
17.95	17.83	17.89	18.5			12	6
17.85	17.95	18.10	18.5			12	13
18.08	18.02	17.94	18.5			25	0
15.95	16.01	16.01	16.5	256QAM		1	0
16.03	15.88	15.91	16.5			1	12
15.95	15.82	15.86	16.5			1	24
15.86	15.86	16.01	16.5			12	0
15.98	15.92	15.87	16.5			12	6
16.09	15.94	15.94	16.5			12	13
16.00	16.03	16.00	16.5			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)				
20.81	20.95	20.93	21.5	QPSK	3 MHz	1	0
21.06	20.89	20.87	21.5			1	7
20.80	21.09	20.91	21.5			1	14
20.04	19.96	19.82	20.5			8	0
20.08	19.85	19.89	20.5			8	3
19.87	20.07	19.98	20.5			8	7
20.09	19.99	20.06	20.5			15	0
19.92	19.95	19.95	20.5	16QAM		1	0
20.02	20.04	19.93	20.5			1	7
20.04	19.90	20.04	20.5			1	14
18.80	19.06	18.84	19.5			8	0
19.00	18.89	19.09	19.5			8	3
19.06	18.93	18.80	19.5			8	7
19.01	18.99	18.87	19.5			15	0
18.87	18.94	18.98	19.5	64QAM		1	0
18.90	18.89	18.86	19.5			1	7
18.94	19.01	19.07	19.5			1	14
17.80	17.84	17.82	18.5			8	0
17.91	17.88	18.00	18.5			8	3
17.98	17.81	18.08	18.5			8	7
17.92	18.00	17.90	18.5			15	0
15.98	15.89	15.82	16.5	256QAM		1	0
16.03	15.96	16.08	16.5			1	7
15.91	16.10	15.96	16.5			1	14
15.93	16.07	15.86	16.5			8	0
15.93	15.99	16.08	16.5			8	3
16.05	16.07	16.08	16.5			8	7
15.84	16.10	16.03	16.5			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)				
20.87	20.98	21.08	21.5	QPSK	1.4 MHz	1	0
20.84	20.82	20.85	21.5			1	2
21.05	21.04	21.01	21.5			1	5
20.83	21.07	20.80	21.5			3	0
21.00	20.99	20.82	21.5			3	1
20.87	21.01	21.04	21.5			3	3
19.82	19.92	19.85	20.5			6	0
19.81	19.93	19.80	20.5	16QAM		1	0
20.02	19.82	20.01	20.5			1	2
20.03	19.95	20.01	20.5			1	5
19.93	19.81	19.92	20.5			3	0
20.07	20.06	20.05	20.5			3	1
19.80	19.83	20.08	20.5			3	3
18.88	18.87	18.98	19.5			6	0
18.92	19.10	18.93	19.5	64QAM		1	0
19.07	18.91	19.03	19.5			1	2
18.97	18.90	19.09	19.5			1	5
19.00	18.81	18.88	19.5			3	0
19.07	18.84	18.98	19.5			3	1
18.99	18.88	18.97	19.5			3	3
17.83	17.82	18.04	18.5			6	0
15.96	15.99	15.93	16.5	256QAM		1	0
16.03	15.96	16.10	16.5			1	2
15.93	15.85	16.02	16.5			1	5
16.09	15.85	15.89	16.5			3	0
15.83	15.87	15.98	16.5			3	1
15.96	16.05	15.83	16.5			3	3
15.95	15.88	15.99	16.5			6	0

LTE Band 4 Ant 0							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
20050	20175	20300	Channel				
1720	1732.5	1745	Frequency (MHz)				
23.28	23.30	23.26	23.5	QPSK	20 MHz	1	0
23.28	23.17	23.25	23.5			1	49
23.22	23.20	23.17	23.5			1	99
22.11	22.20	22.16	22.5			50	0
22.19	22.11	22.19	22.5			50	25
22.10	22.14	22.15	22.5			50	50
22.15	22.16	22.11	22.5			100	0
22.15	22.15	22.15	22.5	16QAM		1	0
22.14	22.18	22.14	22.5			1	49
22.10	22.20	22.18	22.5			1	99
21.10	21.17	21.12	21.5			50	0
21.20	21.10	21.20	21.5			50	25
21.10	21.10	21.13	21.5			50	50
21.15	21.14	21.15	21.5			100	0
21.16	21.11	21.13	21.5	64QAM		1	0
21.13	21.16	21.14	21.5			1	49
21.17	21.17	21.12	21.5			1	99
20.18	20.16	20.16	20.5			50	0
20.11	20.13	20.16	20.5			50	25
20.19	20.15	20.10	20.5			50	50
20.14	20.12	20.15	20.5			100	0
18.17	18.12	18.15	18.5	256QAM		1	0
18.10	18.17	18.10	18.5			1	49
18.11	18.20	18.10	18.5			1	99
18.17	18.13	18.12	18.5			50	0
18.11	18.15	18.10	18.5			50	25
18.15	18.16	18.15	18.5			50	50
18.17	18.15	18.14	18.5			100	0

LTE Band 4 Ant 0							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
20025	20175	20325	Channel				
1717.5	1732.5	1747.5	Frequency (MHz)				
22.92	22.92	23.07	23.5	QPSK	15 MHz	1	0
22.82	22.98	22.80	23.5			1	37
23.04	23.03	22.91	23.5			1	74
22.06	21.92	21.95	22.5			36	0
22.08	21.93	21.98	22.5			36	19
21.85	21.98	21.93	22.5			36	39
21.83	22.07	22.10	22.5			75	0
21.87	22.06	22.05	22.5	16QAM		1	0
22.04	21.81	21.85	22.5			1	37
21.95	22.06	22.07	22.5			1	74
20.95	21.02	21.02	21.5			36	0
20.86	21.05	20.88	21.5			36	19
21.09	20.86	20.92	21.5			36	39
20.96	20.99	21.09	21.5			75	0
20.96	21.03	20.98	21.5	64QAM		1	0
20.96	21.03	20.97	21.5			1	37
20.83	20.90	21.01	21.5			1	74
19.93	19.98	20.03	20.5			36	0
19.95	19.91	20.04	20.5			36	19
20.03	19.92	20.10	20.5			36	39
20.09	19.93	20.01	20.5			75	0
17.95	18.09	17.82	18.5	256QAM		1	0
18.00	18.00	17.80	18.5			1	37
17.82	18.03	17.99	18.5			1	74
17.92	17.82	17.82	18.5			36	0
17.88	17.85	17.94	18.5			36	19
17.85	18.06	18.00	18.5			36	39
18.09	18.05	17.82	18.5			75	0

LTE Band 4 Ant 0							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
20000	20175	20350	Channel				
1715	1732.5	1750	Frequency (MHz)				
23.10	23.08	22.93	23.5	QPSK	10 MHz	1	0
22.97	22.97	23.07	23.5			1	24
22.86	22.96	22.82	23.5			1	49
21.88	22.03	21.92	22.5			25	0
22.09	22.04	21.81	22.5			25	12
21.84	21.93	21.86	22.5			25	25
21.98	21.93	21.96	22.5			50	0
22.06	21.90	21.92	22.5	16QAM		1	0
22.09	22.10	22.06	22.5			1	24
21.84	22.07	21.87	22.5			1	49
20.89	21.05	20.95	21.5			25	0
21.02	20.94	20.95	21.5			25	12
21.05	20.81	21.06	21.5			25	25
20.89	20.97	20.92	21.5			50	0
20.84	20.82	21.03	21.5	64QAM		1	0
20.92	20.90	21.03	21.5			1	24
20.90	20.98	21.04	21.5			1	49
20.10	19.85	19.83	20.5			25	0
19.86	19.84	19.85	20.5			25	12
20.03	19.91	19.83	20.5			25	25
20.10	20.03	19.83	20.5			50	0
18.00	18.09	18.02	18.5	256QAM		1	0
18.09	17.82	18.01	18.5			1	24
18.04	18.07	17.93	18.5			1	49
17.81	18.04	18.07	18.5			25	0
18.03	18.04	17.99	18.5			25	12
18.00	17.80	18.06	18.5			25	25
17.87	17.98	17.95	18.5			50	0

LTE Band 4 Ant 0							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
19975	20175	20375	Channel				
1712.5	1732.5	1752.5	Frequency (MHz)				
22.90	22.98	22.88	23.5	QPSK	5 MHz	1	0
23.08	22.85	23.03	23.5			1	12
23.03	22.96	22.89	23.5			1	24
21.87	21.92	22.01	22.5			12	0
21.81	22.10	21.81	22.5			12	6
21.90	21.90	21.92	22.5			12	13
22.04	21.98	21.88	22.5			25	0
22.05	21.83	21.87	22.5	16QAM		1	0
22.09	22.00	21.94	22.5			1	12
21.88	21.81	21.98	22.5			1	24
21.02	20.85	21.02	21.5			12	0
21.02	20.84	20.82	21.5			12	6
20.91	20.91	20.88	21.5			12	13
20.88	20.80	20.80	21.5			25	0
21.04	21.07	20.87	21.5	64QAM		1	0
20.95	21.10	21.05	21.5			1	12
20.87	20.84	20.88	21.5			1	24
19.88	19.83	19.99	20.5			12	0
19.80	19.87	19.88	20.5			12	6
20.04	19.94	19.91	20.5			12	13
19.94	20.03	19.91	20.5			25	0
17.99	18.10	17.87	18.5	256QAM		1	0
17.87	18.01	17.95	18.5			1	12
17.87	17.88	18.02	18.5			1	24
18.07	18.10	17.87	18.5			12	0
17.99	17.88	17.90	18.5			12	6
17.88	17.99	17.86	18.5			12	13
18.01	17.81	17.80	18.5			25	0

LTE Band 4 Ant 0							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
19965	20175	20385	Channel				
1711.5	1732.5	1753.5	Frequency (MHz)				
22.81	23.03	22.83	23.5	QPSK	3 MHz	1	0
23.06	23.02	23.10	23.5			1	7
23.03	22.96	23.10	23.5			1	14
22.02	22.05	21.83	22.5			8	0
21.88	21.85	22.10	22.5			8	3
21.81	22.10	21.87	22.5			8	7
21.88	21.85	21.99	22.5			15	0
21.94	22.08	21.82	22.5	16QAM		1	0
21.93	21.83	21.82	22.5			1	7
22.04	21.98	22.00	22.5			1	14
20.94	20.82	21.10	21.5			8	0
21.10	20.86	21.10	21.5			8	3
21.04	20.86	20.86	21.5			8	7
20.90	20.81	20.98	21.5			15	0
20.87	21.06	20.96	21.5	64QAM		1	0
20.82	21.10	20.81	21.5			1	7
20.82	21.00	20.81	21.5			1	14
19.90	19.80	20.04	20.5			8	0
19.84	19.95	19.91	20.5			8	3
20.03	19.97	19.87	20.5			8	7
19.90	19.99	19.95	20.5			15	0
17.97	17.92	17.85	18.5	256QAM		1	0
17.87	17.95	18.00	18.5			1	7
17.87	17.84	18.02	18.5			1	14
17.96	17.83	18.03	18.5			8	0
18.07	17.87	18.07	18.5			8	3
17.98	18.01	17.99	18.5			8	7
17.96	17.82	17.85	18.5			15	0

LTE Band 4 Ant 0							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
19957	20175	20393	Channel				
1710.7	1732.5	1754.3	Frequency (MHz)				
22.89	23.07	23.01	23.5	QPSK	1.4 MHz	1	0
22.97	23.01	22.97	23.5			1	2
22.89	22.95	23.02	23.5			1	5
22.99	23.06	23.10	23.5			3	0
22.85	23.09	22.93	23.5			3	1
22.81	22.98	23.02	23.5			3	3
21.85	21.90	22.02	22.5			6	0
22.04	21.84	21.98	22.5	16QAM		1	0
22.00	21.87	22.00	22.5			1	2
22.07	21.97	21.91	22.5			1	5
21.80	22.08	21.96	22.5			3	0
22.05	21.80	22.00	22.5			3	1
21.90	22.01	22.04	22.5			3	3
20.96	20.89	20.85	21.5			6	0
21.07	20.81	21.08	21.5	64QAM		1	0
20.88	20.87	21.09	21.5			1	2
20.94	21.06	21.05	21.5			1	5
21.04	20.92	21.09	21.5			3	0
21.10	20.81	21.01	21.5			3	1
20.99	21.04	20.94	21.5			3	3
20.09	19.81	19.88	20.5			6	0
17.88	18.07	17.87	18.5	256QAM		1	0
17.92	17.85	17.98	18.5			1	2
17.94	18.05	17.93	18.5			1	5
18.03	17.90	17.85	18.5			3	0
17.87	17.87	18.08	18.5			3	1
17.86	17.84	17.83	18.5			3	3
17.92	17.91	18.06	18.5			6	0

LTE Band 5 Ant 0							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
20450	20525	20600	Channel				
829	836.5	844	Frequency (MHz)				
23.42	23.45	23.44	23.5	QPSK	10 MHz	1	0
23.18	23.18	23.16	23.5			1	24
23.10	23.14	23.04	23.5			1	49
22.45	22.33	22.34	22.5			25	0
22.26	22.30	22.28	22.5			25	12
22.25	22.20	22.23	22.5			25	25
22.37	22.42	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)				
17.33	17.36	17.27	17.5	QPSK	20 MHz	1	0
17.15	17.11	17.19	17.5			1	49
17.23	17.11	17.25	17.5			1	99
16.14	16.18	16.14	16.5			50	0
16.19	16.20	16.15	16.5			50	25
16.20	16.17	16.13	16.5			50	50
16.15	16.20	16.17	16.5			100	0
16.15	16.10	16.11	16.5	16QAM		1	0
16.13	16.18	16.17	16.5			1	49
16.17	16.17	16.13	16.5			1	99
15.11	15.17	15.18	15.5			50	0
15.14	15.11	15.16	15.5			50	25
15.17	15.10	15.13	15.5			50	50
15.11	15.14	15.18	15.5			100	0
15.11	15.12	15.15	15.5	64QAM		1	0
15.13	15.14	15.20	15.5			1	49
15.20	15.19	15.13	15.5			1	99
14.17	14.12	14.20	14.5			50	0
14.15	14.11	14.18	14.5			50	25
14.18	14.17	14.20	14.5			50	50
14.16	14.12	14.11	14.5			100	0
12.16	12.17	12.14	12.5	256QAM		1	0
12.11	12.16	12.16	12.5			1	49
12.11	12.11	12.12	12.5			1	99
12.12	12.20	12.11	12.5			50	0
12.15	12.13	12.16	12.5			50	25
12.14	12.11	12.19	12.5			50	50
12.12	12.20	12.17	12.5			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)				
16.95	16.94	17.01	17.5	QPSK	15 MHz	1	0
16.99	17.08	16.90	17.5			1	37
16.88	17.05	16.87	17.5			1	74
15.85	15.88	15.86	16.5			36	0
16.02	15.99	15.88	16.5			36	19
15.83	15.94	16.01	16.5			36	39
15.84	15.88	15.81	16.5			75	0
16.05	16.00	15.99	16.5	16QAM		1	0
15.87	16.07	16.07	16.5			1	37
15.92	15.82	16.02	16.5			1	74
14.86	14.84	14.95	15.5			36	0
14.93	14.94	14.98	15.5			36	19
15.03	15.10	15.08	15.5			36	39
14.97	15.10	15.04	15.5			75	0
14.95	15.05	14.93	15.5	64QAM		1	0
15.01	14.96	14.83	15.5			1	37
14.96	14.94	14.93	15.5			1	74
13.81	13.89	13.94	14.5			36	0
14.09	13.80	13.93	14.5			36	19
14.04	13.88	14.10	14.5			36	39
14.09	14.03	13.84	14.5			75	0
11.99	11.80	11.85	12.5	256QAM		1	0
11.87	12.03	11.80	12.5			1	37
11.85	12.06	11.98	12.5			1	74
12.04	12.03	11.99	12.5			36	0
11.86	11.89	11.95	12.5			36	19
11.84	11.84	11.87	12.5			36	39
11.95	11.92	11.93	12.5			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)				
16.84	17.09	17.01	17.5	QPSK	10 MHz	1	0
17.05	16.92	16.92	17.5			1	24
16.99	16.91	17.06	17.5			1	49
15.89	15.98	16.02	16.5			25	0
16.08	16.08	15.92	16.5			25	12
15.81	15.83	16.07	16.5			25	25
15.80	16.08	15.84	16.5			50	0
15.90	16.07	16.06	16.5	16QAM		1	0
15.93	15.94	15.97	16.5			1	24
15.95	15.99	16.08	16.5			1	49
15.01	14.89	14.93	15.5			25	0
14.84	14.85	14.85	15.5			25	12
15.09	14.95	14.88	15.5			25	25
15.04	15.01	14.87	15.5			50	0
14.82	15.09	15.01	15.5	64QAM		1	0
14.99	14.89	14.99	15.5			1	24
14.83	14.86	14.81	15.5			1	49
14.05	13.86	13.88	14.5			25	0
14.00	14.01	13.96	14.5			25	12
13.99	13.95	13.81	14.5			25	25
13.85	13.89	14.08	14.5			50	0
11.88	11.80	11.85	12.5	256QAM		1	0
11.93	12.02	12.02	12.5			1	24
11.89	12.02	11.85	12.5			1	49
12.01	11.93	11.80	12.5			25	0
11.94	11.96	11.99	12.5			25	12
11.99	12.05	11.83	12.5			25	25
11.91	11.83	11.93	12.5			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)				
17.10	17.01	17.00	17.5	QPSK	5 MHz	1	0
16.88	17.05	16.84	17.5			1	12
16.94	16.96	17.05	17.5			1	24
16.00	15.94	15.95	16.5			12	0
15.89	16.00	16.09	16.5			12	6
15.80	15.88	15.84	16.5			12	13
16.04	15.85	15.90	16.5			25	0
15.94	15.87	16.02	16.5	16QAM		1	0
15.83	16.09	15.83	16.5			1	12
15.81	16.01	16.04	16.5			1	24
15.07	15.03	15.10	15.5			12	0
14.85	14.82	14.81	15.5			12	6
15.07	15.10	14.89	15.5			12	13
14.87	15.04	14.80	15.5			25	0
14.98	14.91	14.96	15.5	64QAM		1	0
14.96	14.94	15.05	15.5			1	12
15.01	14.92	14.89	15.5			1	24
14.01	13.97	14.02	14.5			12	0
13.92	13.85	13.93	14.5			12	6
14.02	14.07	14.10	14.5			12	13
13.86	13.99	13.95	14.5			25	0
11.89	11.87	12.03	12.5	256QAM		1	0
11.80	12.03	12.07	12.5			1	12
12.02	11.85	11.85	12.5			1	24
11.87	12.07	11.80	12.5			12	0
11.94	11.80	12.00	12.5			12	6
12.01	11.90	12.09	12.5			12	13
12.06	12.01	11.88	12.5			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	23.23	23.28	24	QPSK	10 MHz	1	0
23.22	23.19	23.22	24			1	24
23.20	23.17	23.20	24			1	49
22.82	22.94	22.99	23			25	0
22.90	22.93	22.97	23			25	12
22.87	22.95	22.98	23			25	25
22.17	22.22	22.23	23			50	0
22.55	22.59	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)					
23.33			24	QPSK	10 MHz	1	0	
23.31			24			1	24	
23.29			24			1	49	
22.71			23			25	0	
22.61			23			25	12	
22.68			23			25	25	
22.46			23			50	0	
22.53			23			1	0	
22.49			23	16QAM		1	24	
22.47			23			1	49	
21.56			22			25	0	
21.60			22			25	12	
21.65			22			25	25	
21.25			22			50	0	
21.75			22			1	0	
21.68			22			64QAM	1	24
21.67			22	1			49	
20.83			21	25			0	
20.80			21	25			12	
20.87			21	25			25	
20.44			21	50			0	
18.51			19	256QAM			1	0
18.96			19				1	24
18.91			19			1	49	
18.77			19			25	0	
18.57			19			25	12	
18.73			19			25	25	
18.73			19			50	0	

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

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

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

LTE Band 25 Ant 0							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
26140	26365	26590	Channel				
1860	1882.5	1905	Frequency (MHz)				
21.31	21.27	21.29	21.5	QPSK	20 MHz	1	0
21.28	21.27	21.21	21.5			1	49
21.10	21.19	21.24	21.5			1	99
20.20	20.13	20.15	20.5			50	0
20.17	20.11	20.16	20.5			50	25
20.15	20.05	20.09	20.5			50	50
20.10	20.10	20.11	20.5			100	0
20.15	20.19	20.14	20.5	16QAM		1	0
20.11	20.20	20.12	20.5			1	49
20.20	20.13	20.19	20.5			1	99
19.17	19.20	19.13	19.5			50	0
19.17	19.19	19.12	19.5			50	25
19.17	19.13	19.18	19.5			50	50
19.18	19.13	19.19	19.5			100	0
19.17	19.19	19.12	19.5	64QAM		1	0
19.17	19.10	19.15	19.5			1	49
19.12	19.15	19.12	19.5			1	99
18.13	18.13	18.18	18.5			50	0
18.15	18.11	18.12	18.5			50	25
18.19	18.20	18.10	18.5			50	50
18.13	18.13	18.19	18.5			100	0
16.11	16.13	16.15	16.5	256QAM		1	0
16.20	16.20	16.11	16.5			1	49
16.13	16.16	16.17	16.5			1	99
16.19	16.14	16.16	16.5			50	0
16.10	16.18	16.14	16.5			50	25
16.10	16.10	16.20	16.5			50	50
16.19	16.10	16.16	16.5			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)				
21.05	20.85	20.80	21.5	QPSK	15 MHz	1	0
20.85	20.95	20.83	21.5			1	37
20.93	20.87	21.05	21.5			1	74
19.80	20.01	19.81	20.5			36	0
19.88	20.03	20.05	20.5			36	19
19.87	20.03	19.94	20.5			36	39
19.85	19.99	20.10	20.5			75	0
19.98	19.89	20.03	20.5	16QAM		1	0
19.97	19.93	19.83	20.5			1	37
20.00	19.94	20.00	20.5			1	74
19.08	18.81	18.91	19.5			36	0
19.08	18.80	19.04	19.5			36	19
18.85	18.83	19.05	19.5			36	39
19.08	18.85	18.81	19.5			75	0
18.97	18.95	19.00	19.5	64QAM		1	0
19.09	18.80	18.85	19.5			1	37
18.91	18.92	19.05	19.5			1	74
17.94	18.04	17.88	18.5			36	0
17.98	17.92	17.85	18.5			36	19
17.84	18.09	18.01	18.5			36	39
18.08	17.82	18.03	18.5			75	0
15.86	16.06	16.06	16.5	256QAM		1	0
16.06	15.96	15.95	16.5			1	37
15.93	15.84	15.86	16.5			1	74
15.92	15.92	16.01	16.5			36	0
15.93	15.93	15.98	16.5			36	19
15.89	16.01	16.02	16.5			36	39
16.04	16.04	16.00	16.5			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)				
21.03	20.97	21.08	21.5	QPSK	10 MHz	1	0
21.05	20.84	21.04	21.5			1	24
20.91	20.96	20.95	21.5			1	49
19.87	20.08	19.91	20.5			25	0
19.87	19.99	20.02	20.5			25	12
20.09	19.98	19.81	20.5			25	25
20.07	20.08	19.96	20.5			50	0
19.95	20.02	20.01	20.5	16QAM		1	0
19.98	20.04	19.86	20.5			1	24
19.88	19.97	19.86	20.5			1	49
19.04	18.96	19.04	19.5			25	0
18.92	19.02	19.01	19.5			25	12
19.01	19.02	18.85	19.5			25	25
18.85	18.80	19.07	19.5			50	0
18.96	18.83	18.80	19.5	64QAM		1	0
19.05	19.06	19.06	19.5			1	24
18.98	18.80	18.86	19.5			1	49
17.84	17.82	18.06	18.5			25	0
17.95	17.97	17.85	18.5			25	12
17.94	18.04	17.89	18.5			25	25
18.03	17.98	18.04	18.5			50	0
15.89	16.03	16.07	16.5	256QAM		1	0
15.88	15.93	15.90	16.5			1	24
15.85	16.01	15.94	16.5			1	49
15.95	15.93	16.00	16.5			25	0
16.01	16.09	16.04	16.5			25	12
15.92	15.89	16.01	16.5			25	25
16.01	16.05	15.81	16.5			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)				
20.80	20.91	21.00	21.5	QPSK	5 MHz	1	0
20.93	20.96	20.98	21.5			1	12
20.89	20.88	20.98	21.5			1	24
19.91	20.03	19.98	20.5			12	0
19.96	19.88	20.07	20.5			12	6
20.01	19.93	19.82	20.5			12	13
19.90	20.04	19.88	20.5			25	0
19.91	20.07	20.05	20.5	16QAM		1	0
20.00	19.93	19.83	20.5			1	12
19.91	19.94	20.03	20.5			1	24
18.94	18.84	19.02	19.5			12	0
18.86	18.96	18.92	19.5			12	6
19.01	19.10	19.07	19.5			12	13
18.90	18.82	18.91	19.5			25	0
18.92	18.89	19.08	19.5	64QAM		1	0
19.06	18.95	18.92	19.5			1	12
18.83	18.82	19.07	19.5			1	24
18.01	18.01	18.02	18.5			12	0
17.87	17.98	17.99	18.5			12	6
17.80	17.83	17.88	18.5			12	13
17.97	18.06	17.86	18.5			25	0
15.86	16.07	16.00	16.5	256QAM		1	0
15.81	16.09	16.06	16.5			1	12
15.88	15.94	16.09	16.5			1	24
15.81	16.00	15.82	16.5			12	0
15.87	16.05	16.06	16.5			12	6
16.08	16.04	15.99	16.5			12	13
15.94	16.07	15.87	16.5			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)				
20.91	21.09	21.10	21.5	QPSK	3 MHz	1	0
20.98	20.97	20.94	21.5			1	7
20.86	20.80	20.86	21.5			1	14
20.00	19.88	19.87	20.5			8	0
20.06	20.01	19.94	20.5			8	3
19.94	19.80	19.86	20.5			8	7
19.92	19.97	20.02	20.5			15	0
20.10	19.80	19.98	20.5	16QAM		1	0
19.95	20.09	19.82	20.5			1	7
20.04	19.81	20.07	20.5			1	14
18.92	19.09	18.81	19.5			8	0
18.87	18.89	18.82	19.5			8	3
19.03	19.04	19.08	19.5			8	7
18.91	19.00	18.94	19.5			15	0
19.02	19.01	18.88	19.5	64QAM		1	0
18.82	18.85	19.00	19.5			1	7
18.94	18.96	18.93	19.5			1	14
17.86	17.96	17.95	18.5			8	0
17.84	17.89	17.94	18.5			8	3
17.86	17.98	17.89	18.5			8	7
17.99	17.95	17.91	18.5			15	0
15.89	15.84	15.94	16.5	256QAM		1	0
16.05	16.03	15.98	16.5			1	7
16.10	15.87	15.97	16.5			1	14
15.92	16.00	15.86	16.5			8	0
15.80	16.05	15.92	16.5			8	3
16.05	16.10	15.93	16.5			8	7
16.05	15.85	16.02	16.5			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)				
21.05	20.83	21.10	21.5	QPSK	1.4 MHz	1	0
20.84	20.96	20.86	21.5			1	2
20.87	20.88	20.83	21.5			1	5
21.10	20.90	20.96	21.5			3	0
20.96	21.03	21.06	21.5			3	1
20.97	20.99	21.03	21.5			3	3
19.84	20.02	19.81	20.5			6	0
19.95	19.96	19.81	20.5	16QAM		1	0
20.04	19.83	20.08	20.5			1	2
19.91	19.85	19.86	20.5			1	5
19.98	19.89	20.07	20.5			3	0
20.07	19.98	20.06	20.5			3	1
19.91	19.96	20.08	20.5			3	3
19.08	18.85	18.95	19.5			6	0
19.04	18.82	19.00	19.5	64QAM		1	0
18.89	19.06	19.01	19.5			1	2
18.81	18.84	18.81	19.5			1	5
18.94	18.84	19.06	19.5			3	0
19.00	18.95	18.86	19.5			3	1
18.82	18.82	18.88	19.5			3	3
18.09	17.87	17.97	18.5			6	0
16.01	16.08	16.03	16.5	256QAM		1	0
16.06	16.07	15.98	16.5			1	2
15.92	15.93	16.00	16.5			1	5
15.84	15.87	16.00	16.5			3	0
15.87	16.08	15.91	16.5			3	1
16.07	16.07	15.96	16.5			3	3
15.84	15.90	15.90	16.5			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)				
23.45	23.36	23.34	23.5	QPSK	15 MHz	1	0
23.12	23.19	23.19	23.5			1	37
23.14	23.04	23.05	23.5			1	74
22.39	22.36	22.37	22.5			36	0
22.33	22.27	22.35	22.5			36	19
22.12	22.19	22.24	22.5			36	39
22.37	22.36	22.24	22.5			75	0
21.96	22.11	21.94	22.5	16QAM		1	0
22.27	21.99	22.38	22.5			1	37
22.28	22.39	22.28	22.5			1	74
21.40	21.29	21.43	21.5			36	0
21.29	21.35	21.35	21.5			36	19
21.19	21.29	21.15	21.5			36	39
21.23	21.11	21.19	21.5			75	0
21.27	21.25	21.19	21.5	64QAM		1	0
21.39	21.19	21.23	21.5			1	37
21.25	21.32	21.34	21.5			1	74
20.39	20.38	20.42	20.5			36	0
20.31	20.32	20.38	20.5			36	19
20.29	20.45	20.30	20.5			36	39
20.27	20.28	20.38	20.5			75	0
18.34	18.32	18.41	18.5	256QAM		1	0
18.26	18.35	18.36	18.5			1	37
18.31	18.39	18.33	18.5			1	74
18.37	18.31	18.11	18.5			36	0
18.29	18.17	17.98	18.5			36	19
18.20	18.26	18.31	18.5			36	39
18.21	18.15	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)				
	18.40	18.5	QPSK	10 MHz	1	0
	18.12	18.5			1	24
	18.20	18.5			1	49
	17.22	17.5			25	0
	17.16	17.5			25	12
	17.20	17.5			25	25
	17.11	17.5			50	0
	17.12	17.5	16QAM		1	0
	17.13	17.5			1	24
	17.17	17.5			1	49
	16.18	16.5			25	0
	16.11	16.5			25	12
	16.14	16.5			25	25
	16.20	16.5			50	0
	16.17	16.5	64QAM		1	0
	16.11	16.5			1	24
	16.13	16.5			1	49
	15.20	15.5			25	0
	15.19	15.5			25	12
	15.16	15.5			25	25
	15.16	15.5			50	0
	13.17	13.5	256QAM		1	0
	13.19	13.5			1	24
	13.15	13.5			1	49
	13.11	13.5			25	0
	13.14	13.5			25	12
	13.20	13.5			25	25
	13.14	13.5			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)				
18.01	18.01	18.01	18.5	QPSK	5 MHz	1	0
18.01	18.01	18.01	18.5			1	12
18.01	18.01	18.01	18.5			1	24
17.00	17.00	17.00	17.5			12	0
17.00	17.00	17.00	17.5			12	6
17.00	17.00	17.00	17.5			12	13
17.00	17.00	17.00	17.5			25	0
17.00	17.00	17.00	17.5	16QAM		1	0
17.00	17.00	17.00	17.5			1	12
17.00	17.00	17.00	17.5			1	24
16.02	16.02	16.02	16.5			12	0
16.02	16.02	16.02	16.5			12	6
16.02	16.02	16.02	16.5			12	13
16.02	16.02	16.02	16.5			25	0
16.02	16.02	16.02	16.5	64QAM		1	0
16.02	16.02	16.02	16.5			1	12
16.02	16.02	16.02	16.5			1	24
15.02	15.02	15.02	15.5			12	0
15.02	15.02	15.02	15.5			12	6
15.02	15.02	15.02	15.5			12	13
15.02	15.02	15.02	15.5			25	0
13.02	13.02	13.02	13.5	256QAM		1	0
13.02	13.02	13.02	13.5			1	12
13.02	13.02	13.02	13.5			1	24
13.02	13.02	13.02	13.5			12	0
13.02	13.02	13.02	13.5			12	6
13.02	13.02	13.02	13.5			12	13
13.02	13.02	13.02	13.5			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)				
16.79	16.87	16.72	17	QPSK	20 MHz	1	0
16.35	16.48	16.64	17			1	49
16.51	16.65	16.59	17			1	99
15.78	15.81	15.76	16			50	0
15.36	15.54	15.51	16			50	25
15.34	15.65	15.49	16			50	50
15.76	15.79	15.71	16			100	0
15.32	15.53	15.69	16	16QAM		1	0
15.37	15.70	15.68	16			1	49
15.59	15.61	15.47	16			1	99
14.32	14.41	14.65	15			50	0
14.34	14.49	14.36	15			50	25
14.45	14.30	14.67	15			50	50
14.43	14.53	14.67	15			100	0
14.52	14.53	14.42	15	64QAM		1	0
14.36	14.30	14.61	15			1	49
14.55	14.48	14.33	15			1	99
13.55	13.37	13.62	14			50	0
13.47	13.43	13.58	14			50	25
13.40	13.53	13.30	14			50	50
13.59	13.51	13.41	14			100	0
11.63	11.69	11.41	12	256QAM		1	0
11.52	11.55	11.41	12			1	49
11.51	11.33	11.37	12			1	99
11.32	11.51	11.30	12			50	0
11.66	11.43	11.41	12			50	25
11.64	11.58	11.32	12			50	50
11.57	11.44	11.61	12			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)				
16.46	16.30	16.32	17	QPSK	15 MHz	1	0
16.52	16.56	16.54	17			1	37
16.33	16.50	16.47	17			1	74
15.78	15.81	15.76	16			36	0
15.62	15.55	15.48	16			36	19
15.66	15.60	15.54	16			36	39
15.76	15.79	15.71	16			75	0
15.67	15.59	15.69	16	16QAM		1	0
15.45	15.46	15.32	16			1	37
15.52	15.36	15.53	16			1	74
14.40	14.49	14.55	15			36	0
14.50	14.34	14.35	15			36	19
14.46	14.47	14.36	15			36	39
14.56	14.36	14.41	15			75	0
14.60	14.45	14.61	15	64QAM		1	0
14.49	14.35	14.60	15			1	37
14.44	14.66	14.33	15			1	74
13.66	13.49	13.43	14			36	0
13.57	13.50	13.64	14			36	19
13.38	13.64	13.32	14			36	39
13.54	13.62	13.47	14			75	0
11.67	11.51	11.32	12	256QAM		1	0
11.33	11.59	11.58	12			1	37
11.48	11.57	11.62	12			1	74
11.64	11.34	11.42	12			36	0
11.45	11.48	11.57	12			36	19
11.58	11.36	11.34	12			36	39
11.49	11.64	11.69	12			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)				
16.31	16.40	16.46	17	QPSK	10 MHz	1	0
16.45	16.56	16.49	17			1	24
16.38	16.35	16.43	17			1	49
15.78	15.81	15.76	16			25	0
15.62	15.48	15.30	16			25	12
15.51	15.61	15.47	16			25	25
15.76	15.79	15.71	16			50	0
15.60	15.35	15.54	16	16QAM		1	0
15.56	15.65	15.52	16			1	24
15.52	15.48	15.30	16			1	49
14.47	14.53	14.50	15			25	0
14.46	14.49	14.66	15			25	12
14.36	14.42	14.64	15			25	25
14.39	14.61	14.61	15			50	0
14.35	14.35	14.30	15	64QAM		1	0
14.30	14.50	14.62	15			1	24
14.34	14.68	14.34	15			1	49
13.59	13.50	13.66	14			25	0
13.53	13.36	13.59	14			25	12
13.65	13.64	13.68	14			25	25
13.43	13.60	13.64	14			50	0
11.64	11.56	11.34	12	256QAM		1	0
11.51	11.68	11.55	12			1	24
11.53	11.65	11.54	12			1	49
11.48	11.67	11.57	12			25	0
11.42	11.33	11.36	12			25	12
11.40	11.47	11.57	12			25	25
11.52	11.61	11.56	12			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)				
16.43	16.41	16.43	17	QPSK	5 MHz	1	0
16.49	16.53	16.49	17			1	12
16.41	16.49	16.37	17			1	24
15.78	15.81	15.76	16			12	0
15.68	15.66	15.63	16			12	6
15.43	15.46	15.42	16			12	13
15.76	15.79	15.71	16			25	0
15.46	15.38	15.68	16	16QAM		1	0
15.68	15.41	15.61	16			1	12
15.57	15.46	15.55	16			1	24
14.30	14.55	14.68	15			12	0
14.67	14.50	14.69	15			12	6
14.57	14.46	14.39	15			12	13
14.35	14.52	14.43	15			25	0
14.59	14.44	14.51	15	64QAM		1	0
14.52	14.70	14.53	15			1	12
14.57	14.48	14.30	15			1	24
13.52	13.45	13.61	14			12	0
13.53	13.57	13.33	14			12	6
13.32	13.33	13.35	14			12	13
13.31	13.70	13.51	14			25	0
11.43	11.50	11.33	12	256QAM		1	0
11.67	11.68	11.43	12			1	12
11.30	11.67	11.50	12			1	24
11.58	11.60	11.49	12			12	0
11.42	11.41	11.67	12			12	6
11.51	11.58	11.37	12			12	13
11.60	11.41	11.32	12			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)				
20.45	20.00	20.08	20.5	QPSK	20 MHz	1	0
20.07	20.03	20.02	20.5			1	49
20.01	20.10	20.06	20.5			1	99
19.22	19.09	19.00	19.5			50	0
19.07	19.08	19.09	19.5			50	25
19.05	19.08	19.02	19.5			50	50
19.20	19.02	19.02	19.5			100	0
19.10	19.02	19.07	19.5	16QAM		1	0
19.02	19.05	19.08	19.5			1	49
19.00	19.02	19.04	19.5			1	99
18.02	18.07	18.00	18.5			50	0
18.06	18.05	18.00	18.5			50	25
18.01	18.06	18.06	18.5			50	50
18.09	18.08	18.03	18.5			100	0
18.03	18.07	18.09	18.5	64QAM		1	0
18.06	18.10	18.08	18.5			1	49
18.08	18.02	18.06	18.5			1	99
17.06	17.03	17.03	17.5			50	0
17.01	17.01	17.05	17.5			50	25
17.09	17.00	17.00	17.5			50	50
17.07	17.00	17.10	17.5			100	0
15.09	15.05	15.10	15.5	256QAM		1	0
15.10	15.07	15.05	15.5			1	49
15.07	15.00	15.08	15.5			1	99
15.08	15.08	15.06	15.5			50	0
15.07	15.10	15.10	15.5			50	25
15.10	15.00	15.09	15.5			50	50
15.07	15.03	15.10	15.5			100	0

LTE Band 40-Low Ant 0							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
38725	39150	39575	Channel				
2307.5	2350	2392.5	Frequency (MHz)				
20.02	20.10	20.09	20.5	QPSK	15 MHz	1	0
20.02	20.00	20.05	20.5			1	49
20.04	20.08	20.05	20.5			1	99
19.06	19.03	19.06	19.5			50	0
19.02	19.07	19.03	19.5			50	25
19.09	19.05	19.04	19.5			50	50
19.07	19.08	19.00	19.5			100	0
19.07	19.03	19.03	19.5	16QAM		1	0
19.04	19.06	19.07	19.5			1	49
19.08	19.08	19.01	19.5			1	99
18.07	18.07	18.00	18.5			50	0
18.01	18.10	18.04	18.5			50	25
18.09	18.01	18.00	18.5			50	50
18.01	18.09	18.08	18.5			100	0
18.08	18.01	18.10	18.5	64QAM		1	0
18.05	18.00	18.09	18.5			1	49
18.02	18.01	18.02	18.5			1	99
17.10	17.04	17.06	17.5			50	0
17.07	17.03	17.09	17.5			50	25
17.10	17.10	17.00	17.5			50	50
17.06	17.04	17.07	17.5			100	0
15.07	15.09	15.09	15.5	256QAM		1	0
15.08	15.04	15.09	15.5			1	49
15.06	15.03	15.08	15.5			1	99
15.05	15.04	15.09	15.5			50	0
15.02	15.02	15.04	15.5			50	25
15.05	15.09	15.07	15.5			50	50
15.04	15.05	15.01	15.5			100	0

LTE Band 40-Low Ant 0							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
38700	39150	39600	Channel				
2305	2350	2395	Frequency (MHz)				
20.00	20.10	20.03	20.5	QPSK	10 MHz	1	0
20.09	20.06	20.01	20.5			1	49
20.04	20.02	20.00	20.5			1	99
19.05	19.05	19.09	19.5			50	0
19.10	19.07	19.08	19.5			50	25
19.05	19.09	19.08	19.5			50	50
19.09	19.06	19.07	19.5			100	0
19.10	19.03	19.08	19.5	16QAM		1	0
19.00	19.09	19.07	19.5			1	49
19.07	19.01	19.00	19.5			1	99
18.00	18.00	18.08	18.5			50	0
18.02	18.10	18.10	18.5			50	25
18.03	18.10	18.01	18.5			50	50
18.05	18.09	18.02	18.5			100	0
18.00	18.01	18.01	18.5	64QAM		1	0
18.10	18.10	18.07	18.5			1	49
18.06	18.09	18.03	18.5			1	99
17.02	17.00	17.08	17.5			50	0
17.06	17.03	17.03	17.5			50	25
17.04	17.06	17.03	17.5			50	50
17.06	17.02	17.07	17.5			100	0
15.00	15.05	15.00	15.5	256QAM		1	0
15.05	15.03	15.07	15.5			1	49
15.04	15.08	15.07	15.5			1	99
15.07	15.07	15.04	15.5			50	0
15.10	15.00	15.10	15.5			50	25
15.08	15.02	15.00	15.5			50	50
15.04	15.01	15.04	15.5			100	0

LTE Band 40-Low Ant 0							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
38675	39150	39625	Channel				
2302.5	2350	2397.5	Frequency (MHz)				
20.05	20.08	20.05	20.5	QPSK	5 MHz	1	0
20.02	20.00	20.04	20.5			1	49
20.03	20.10	20.01	20.5			1	99
19.08	19.07	19.10	19.5			50	0
19.03	19.03	19.06	19.5			50	25
19.08	19.04	19.09	19.5			50	50
19.04	19.02	19.07	19.5			100	0
19.07	19.01	19.05	19.5	16QAM		1	0
19.03	19.06	19.00	19.5			1	49
19.05	19.03	19.10	19.5			1	99
18.04	18.01	18.06	18.5			50	0
18.09	18.02	18.00	18.5			50	25
18.06	18.10	18.06	18.5			50	50
18.03	18.05	18.00	18.5			100	0
18.06	18.06	18.03	18.5	64QAM		1	0
18.09	18.08	18.01	18.5			1	49
18.05	18.08	18.03	18.5			1	99
17.05	17.05	17.06	17.5			50	0
17.10	17.10	17.00	17.5			50	25
17.01	17.06	17.03	17.5			50	50
17.07	17.02	17.03	17.5			100	0
15.06	15.10	15.06	15.5	256QAM		1	0
15.02	15.04	15.08	15.5			1	49
15.00	15.04	15.08	15.5			1	99
15.08	15.06	15.05	15.5			50	0
15.02	15.10	15.04	15.5			50	25
15.03	15.06	15.10	15.5			50	50
15.00	15.01	15.03	15.5			100	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)				
16.92	16.89	16.87	16.91	16.94	17	QPSK	20 MHz	1	0
16.60	16.59	16.40	16.44	16.43	17			1	49
16.43	16.54	16.47	16.59	16.41	17			1	99
15.50	15.53	15.59	15.58	15.91	16			50	0
15.46	15.54	15.56	15.44	15.48	16			50	25
15.49	15.45	15.59	15.52	15.60	16			50	50
15.60	15.47	15.57	15.53	15.81	16			100	0
15.58	15.54	15.50	15.48	15.53	16	16QAM		1	0
15.56	15.40	15.49	15.58	15.55	16			1	49
15.49	15.54	15.45	15.53	15.46	16			1	99
14.48	14.57	14.40	14.56	14.47	15			50	0
14.44	14.60	14.46	14.49	14.42	15			50	25
14.59	14.48	14.59	14.46	14.57	15			50	50
14.57	14.49	14.54	14.49	14.40	15			100	0
14.45	14.60	14.49	14.59	14.44	15	64QAM		1	0
14.43	14.56	14.48	14.58	14.55	15			1	49
14.46	14.51	14.49	14.44	14.56	15			1	99
13.45	13.47	13.55	13.47	13.52	14			50	0
13.56	13.59	13.43	13.59	13.51	14			50	25
13.43	13.53	13.55	13.42	13.40	14			50	50
13.41	13.40	13.45	13.43	13.44	14			100	0
11.51	11.49	11.40	11.52	11.45	12	256QAM		1	0
11.44	11.48	11.50	11.57	11.54	12			1	49
11.57	11.58	11.51	11.56	11.54	12			1	99
11.40	11.42	11.52	11.46	11.59	12			50	0
11.49	11.43	11.48	11.41	11.40	12			50	25
11.51	11.42	11.45	11.41	11.42	12			50	50
11.60	11.54	11.45	11.41	11.40	12			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)				
16.50	16.54	16.59	16.49	16.44	17	QPSK	15 MHz	1	0
16.59	16.44	16.45	16.44	16.43	17			1	37
16.55	16.54	16.52	16.47	16.58	17			1	74
15.59	15.48	15.46	15.58	15.60	16			36	0
15.48	15.48	15.60	15.40	15.46	16			36	19
15.48	15.60	15.56	15.44	15.53	16			36	39
15.54	15.59	15.41	15.54	15.45	16			75	0
15.44	15.41	15.60	15.52	15.55	16	16QAM		1	0
15.44	15.47	15.50	15.49	15.51	16			1	37
15.57	15.42	15.45	15.50	15.45	16			1	74
14.48	14.43	14.54	14.44	14.50	15			36	0
14.59	14.45	14.53	14.50	14.55	15			36	19
14.48	14.60	14.41	14.55	14.42	15			36	39
14.50	14.53	14.50	14.44	14.52	15			75	0
14.43	14.60	14.51	14.53	14.53	15	64QAM		1	0
14.40	14.41	14.57	14.46	14.44	15			1	37
14.44	14.41	14.45	14.42	14.41	15			1	74
13.48	13.46	13.49	13.59	13.44	14			36	0
13.60	13.49	13.45	13.53	13.51	14			36	19
13.56	13.44	13.60	13.45	13.48	14			36	39
13.57	13.43	13.41	13.49	13.41	14			75	0
11.60	11.40	11.51	11.59	11.45	12	256QAM		1	0
11.42	11.51	11.55	11.45	11.45	12			1	37
11.46	11.55	11.59	11.49	11.60	12			1	74
11.52	11.60	11.55	11.60	11.56	12			36	0
11.55	11.58	11.58	11.50	11.57	12			36	19
11.41	11.43	11.57	11.42	11.49	12			36	39
11.56	11.57	11.41	11.46	11.57	12			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)				
16.54	16.54	16.43	16.45	16.43	17	QPSK	10 MHz	1	0
16.60	16.48	16.55	16.50	16.60	17			1	24
16.45	16.58	16.55	16.45	16.57	17			1	49
15.41	15.50	15.45	15.48	15.50	16			25	0
15.50	15.53	15.54	15.45	15.54	16			25	12
15.55	15.43	15.54	15.54	15.43	16			25	25
15.60	15.44	15.51	15.55	15.54	16			50	0
15.57	15.48	15.50	15.53	15.53	16	16QAM		1	0
15.54	15.43	15.46	15.41	15.53	16			1	24
15.40	15.46	15.57	15.46	15.49	16			1	49
14.55	14.45	14.45	14.54	14.40	15			25	0
14.54	14.45	14.47	14.48	14.51	15			25	12
14.51	14.41	14.60	14.53	14.40	15			25	25
14.42	14.48	14.50	14.40	14.42	15			50	0
14.52	14.41	14.57	14.43	14.59	15	64QAM		1	0
14.55	14.54	14.49	14.52	14.47	15			1	24
14.46	14.51	14.48	14.52	14.41	15			1	49
13.59	13.58	13.42	13.52	13.45	14			25	0
13.58	13.58	13.45	13.46	13.40	14			25	12
13.49	13.43	13.48	13.42	13.56	14			25	25
13.43	13.42	13.55	13.56	13.50	14			50	0
11.51	11.55	11.43	11.40	11.41	12	256QAM		1	0
11.48	11.51	11.60	11.52	11.58	12			1	24
11.41	11.46	11.56	11.43	11.60	12			1	49
11.57	11.46	11.42	11.46	11.49	12			25	0
11.45	11.50	11.45	11.42	11.44	12			25	12
11.57	11.45	11.46	11.49	11.51	12			25	25
11.60	11.46	11.44	11.41	11.40	12			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)				
16.60	16.41	16.48	16.56	16.52	17	QPSK	5 MHz	1	0
16.56	16.53	16.59	16.55	16.45	17			1	12
16.58	16.41	16.41	16.56	16.55	17			1	24
15.56	15.54	15.59	15.41	15.56	16			12	0
15.55	15.40	15.42	15.50	15.43	16			12	6
15.50	15.46	15.49	15.49	15.58	16			12	13
15.42	15.43	15.47	15.42	15.44	16			25	0
15.52	15.46	15.60	15.57	15.46	16	16QAM		1	0
15.55	15.49	15.41	15.60	15.53	16			1	12
15.56	15.51	15.56	15.55	15.55	16			1	24
14.58	14.52	14.60	14.48	14.43	15			12	0
14.59	14.48	14.54	14.57	14.52	15			12	6
14.55	14.42	14.59	14.50	14.58	15			12	13
14.44	14.53	14.52	14.50	14.43	15			25	0
14.59	14.60	14.41	14.51	14.50	15	64QAM		1	0
14.44	14.48	14.56	14.48	14.50	15			1	12
14.58	14.55	14.41	14.57	14.50	15			1	24
13.43	13.60	13.46	13.57	13.44	14			12	0
13.49	13.40	13.51	13.49	13.40	14			12	6
13.57	13.46	13.57	13.43	13.52	14			12	13
13.52	13.50	13.48	13.44	13.59	14			25	0
11.45	11.48	11.48	11.41	11.43	12	256QAM		1	0
11.41	11.59	11.46	11.50	11.47	12			1	12
11.47	11.46	11.56	11.56	11.52	12			1	24
11.48	11.51	11.55	11.44	11.51	12			12	0
11.47	11.51	11.50	11.40	11.41	12			12	6
11.44	11.55	11.59	11.44	11.46	12			12	13
11.54	11.58	11.48	11.42	11.52	12			25	0

LTE Band 66 Ant 0							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
132072	132322	132572	Channel				
1720	1745	1770	Frequency (MHz)				
23.30	23.37	23.30	23.5	QPSK	20 MHz	1	0
23.26	23.22	23.31	23.5			1	49
23.21	23.19	23.13	23.5			1	99
22.19	22.20	22.14	22.5			50	0
22.12	22.17	22.10	22.5			50	25
22.20	22.13	22.18	22.5			50	50
22.19	22.23	22.15	22.5			100	0
22.20	22.16	22.19	22.5	16QAM		1	0
22.14	22.13	22.18	22.5			1	49
22.16	22.12	22.12	22.5			1	99
21.19	21.10	21.11	21.5			50	0
21.15	21.14	21.18	21.5			50	25
21.17	21.12	21.12	21.5			50	50
21.18	21.14	21.20	21.5			100	0
21.14	21.16	21.15	21.5	64QAM		1	0
21.14	21.18	21.16	21.5			1	49
21.19	21.18	21.15	21.5			1	99
20.12	20.10	20.15	20.5			50	0
20.15	20.15	20.14	20.5			50	25
20.20	20.14	20.19	20.5			50	50
20.13	20.13	20.16	20.5			100	0
18.14	18.20	18.14	18.5	256QAM		1	0
18.12	18.18	18.20	18.5			1	49
18.15	18.19	18.17	18.5			1	99
18.13	18.12	18.16	18.5			50	0
18.16	18.16	18.14	18.5			50	25
18.18	18.20	18.16	18.5			50	50
18.14	18.16	18.13	18.5			100	0

LTE Band 66 Ant 0							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
132047	132322	132597	Channel				
1717.5	1745	1772.5	Frequency (MHz)				
22.90	22.96	22.87	23.5	QPSK	15 MHz	1	0
22.79	22.78	22.90	23.5			1	37
22.75	22.82	22.71	23.5			1	74
21.70	21.71	21.83	22.5			36	0
21.78	21.73	21.79	22.5			36	19
21.75	21.77	21.82	22.5			36	39
21.69	21.80	21.65	22.5			75	0
21.83	21.82	21.85	22.5	16QAM		1	0
21.81	21.65	21.84	22.5			1	37
21.86	21.78	21.69	22.5			1	74
20.74	20.72	20.81	21.5			36	0
20.75	20.69	20.75	21.5			36	19
20.73	20.67	20.66	21.5			36	39
20.77	20.70	20.78	21.5			75	0
20.72	20.71	20.77	21.5	64QAM		1	0
20.80	20.74	20.80	21.5			1	37
20.79	20.84	20.70	21.5			1	74
19.66	19.77	19.74	20.5			36	0
19.81	19.72	19.79	20.5			36	19
19.71	19.71	19.89	20.5			36	39
19.63	19.80	19.74	20.5			75	0
17.81	17.84	17.76	18.5	256QAM		1	0
17.76	17.84	17.80	18.5			1	37
17.84	17.74	17.82	18.5			1	74
17.76	17.62	17.76	18.5			36	0
17.77	17.73	17.75	18.5			36	19
17.72	17.73	17.67	18.5			36	39
17.76	17.67	17.73	18.5			75	0

LTE Band 66 Ant 0							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
132022	132322	132622	Channel				
1715	1745	1775	Frequency (MHz)				
22.88	22.95	22.85	23.5	QPSK	10 MHz	1	0
22.77	22.77	22.88	23.5			1	24
22.73	22.80	22.70	23.5			1	49
21.68	21.70	21.81	22.5			25	0
21.77	21.72	21.77	22.5			25	12
21.73	21.76	21.80	22.5			25	25
21.68	21.78	21.63	22.5			50	0
21.81	21.81	21.84	22.5	16QAM		1	0
21.79	21.63	21.82	22.5			1	24
21.85	21.77	21.67	22.5			1	49
20.72	20.70	20.79	21.5			25	0
20.73	20.68	20.73	21.5			25	12
20.71	20.66	20.64	21.5			25	25
20.75	20.69	20.76	21.5			50	0
20.70	20.70	20.75	21.5	64QAM		1	0
20.79	20.72	20.79	21.5			1	24
20.77	20.83	20.69	21.5			1	49
19.64	19.75	19.72	20.5			25	0
19.79	19.70	19.77	20.5			25	12
19.70	19.70	19.87	20.5			25	25
19.61	19.78	19.72	20.5			50	0
17.79	17.82	17.75	18.5	256QAM		1	0
17.75	17.82	17.78	18.5			1	24
17.82	17.72	17.80	18.5			1	49
17.75	17.61	17.75	18.5			25	0
17.75	17.72	17.73	18.5			25	12
17.70	17.71	17.66	18.5			25	25
17.75	17.66	17.71	18.5			50	0

LTE Band 66 Ant 0							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
131997	132322	132647	Channel				
1712.5	1745	1777.5	Frequency (MHz)				
22.86	22.94	22.84	23.5	QPSK	5 MHz	1	0
22.76	22.75	22.86	23.5			1	12
22.72	22.79	22.68	23.5			1	24
21.67	21.68	21.79	22.5			12	0
21.75	21.70	21.76	22.5			12	6
21.72	21.74	21.78	22.5			12	13
21.67	21.76	21.61	22.5			25	0
21.79	21.79	21.83	22.5	16QAM		1	0
21.77	21.61	21.81	22.5			1	12
21.84	21.75	21.65	22.5			1	24
20.70	20.68	20.77	21.5			12	0
20.72	20.67	20.72	21.5			12	6
20.70	20.65	20.62	21.5			12	13
20.74	20.67	20.75	21.5			25	0
20.69	20.69	20.73	21.5	64QAM		1	0
20.77	20.70	20.77	21.5			1	12
20.75	20.81	20.67	21.5			1	24
19.63	19.73	19.70	20.5			12	0
19.77	19.68	19.75	20.5			12	6
19.68	19.68	19.86	20.5			12	13
19.59	19.77	19.70	20.5			25	0
17.77	17.80	17.73	18.5	256QAM		1	0
17.73	17.80	17.77	18.5			1	12
17.80	17.70	17.79	18.5			1	24
17.73	17.59	17.73	18.5			12	0
17.73	17.70	17.72	18.5			12	6
17.68	17.70	17.64	18.5			12	13
17.73	17.64	17.70	18.5			25	0

LTE Band 66 Ant 0							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
131987	132322	132657	Channel				
1711.5	1745	1778.5	Frequency (MHz)				
22.85	22.93	22.82	23.5	QPSK	3 MHz	1	0
22.74	22.74	22.84	23.5			1	7
22.70	22.77	22.67	23.5			1	14
21.65	21.67	21.77	22.5			8	0
21.73	21.68	21.75	22.5			8	3
21.70	21.72	21.76	22.5			8	7
21.66	21.74	21.59	22.5			15	0
21.77	21.77	21.81	22.5	16QAM		1	0
21.75	21.59	21.79	22.5			1	7
21.82	21.73	21.63	22.5			1	14
20.69	20.66	20.76	21.5			8	0
20.70	20.66	20.70	21.5			8	3
20.68	20.63	20.61	21.5			8	7
20.72	20.66	20.74	21.5			15	0
20.68	20.67	20.71	21.5	64QAM		1	0
20.76	20.68	20.76	21.5			1	7
20.74	20.79	20.65	21.5			1	14
19.61	19.71	19.68	20.5			8	0
19.75	19.66	19.73	20.5			8	3
19.66	19.66	19.84	20.5			8	7
19.57	19.75	19.68	20.5			15	0
17.75	17.78	17.71	18.5	256QAM		1	0
17.71	17.78	17.75	18.5			1	7
17.78	17.68	17.77	18.5			1	14
17.71	17.57	17.72	18.5			8	0
17.72	17.68	17.70	18.5			8	3
17.66	17.68	17.62	18.5			8	7
17.72	17.62	17.68	18.5			15	0

LTE Band 66 Ant 0							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
131979	132322	132665	Channel				
1710.7	1745	1779.3	Frequency (MHz)				
22.84	22.92	22.80	23.5	QPSK	1.4 MHz	1	0
22.72	22.72	22.83	23.5			1	2
22.68	22.76	22.66	23.5			1	5
21.63	21.66	21.75	23.5			3	0
21.72	21.67	21.73	23.5			3	1
21.69	21.70	21.75	23.5			3	3
21.65	21.72	21.58	22.5			6	0
21.76	21.76	21.79	22.5	16QAM		1	0
21.74	21.58	21.77	22.5			1	2
21.80	21.71	21.61	22.5			1	5
20.67	20.64	20.74	22.5			3	0
20.68	20.65	20.69	22.5			3	1
20.66	20.61	20.60	22.5			3	3
20.70	20.64	20.72	21.5			6	0
20.66	20.65	20.70	21.5	64QAM		1	0
20.74	20.67	20.74	21.5			1	2
20.72	20.77	20.63	21.5			1	5
19.59	19.70	19.66	21.5			3	0
19.73	19.64	19.72	21.5			3	1
19.64	19.64	19.82	21.5			3	3
19.55	19.73	19.66	20.5			6	0
17.73	17.77	17.70	18.5	256QAM		1	0
17.70	17.77	17.73	18.5			1	2
17.77	17.66	17.75	18.5			1	5
17.70	17.55	17.70	18.5			3	0
17.70	17.66	17.68	18.5			3	1
17.64	17.66	17.61	18.5			3	3
17.70	17.61	17.66	18.5			6	0

LTE Band 71 Ant 0							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
133222	133322	133372	Channel				
673	683	688	Frequency (MHz)				
23.27	23.18	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	22.10	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)				
22.31	22.36	22.27	22.5	QPSK	20MHz	1	0
22.24	22.23	22.12	22.5			1	49
22.13	22.10	22.18	22.5			1	99
21.17	21.18	21.12	21.5			50	0
21.10	21.17	21.18	21.5			50	25
21.11	21.10	21.14	21.5			50	50
21.12	21.18	21.16	21.5			100	0
21.16	21.15	21.16	21.5	16QAM		1	0
21.15	21.19	21.12	21.5			1	49
21.11	21.12	21.14	21.5			1	99
20.14	20.20	20.13	20.5			50	0
20.16	20.15	20.20	20.5			50	25
20.16	20.16	20.13	20.5			50	50
20.12	20.15	20.13	20.5			100	0
20.17	20.20	20.18	20.5	64QAM		1	0
20.18	20.17	20.15	20.5			1	49
20.16	20.11	20.14	20.5			1	99
19.14	19.19	19.10	19.5			50	0
19.12	19.13	19.17	19.5			50	25
19.12	19.20	19.13	19.5			50	50
19.11	19.15	19.18	19.5			100	0
17.13	17.19	17.19	17.5	256QAM		1	0
17.20	17.19	17.16	17.5			1	49
17.14	17.13	17.16	17.5			1	99
17.19	17.14	17.11	17.5			50	0
17.18	17.11	17.14	17.5			50	25
17.12	17.18	17.20	17.5			50	50
17.17	17.13	17.16	17.5			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)				
21.80	22.00	21.81	22.5	QPSK	15MHz	1	0
21.84	21.99	21.81	22.5			1	37
21.89	21.81	21.94	22.5			1	74
21.07	20.83	20.84	21.5			36	0
20.89	20.83	21.10	21.5			36	19
20.98	20.89	20.95	21.5			36	39
20.88	21.05	20.88	21.5			75	0
21.09	20.81	20.99	21.5	16QAM		1	0
20.86	20.95	21.02	21.5			1	37
21.06	20.84	20.89	21.5			1	74
19.92	19.92	19.86	20.5			36	0
19.93	20.02	20.07	20.5			36	19
20.08	19.95	19.87	20.5			36	39
20.01	19.88	20.02	20.5			75	0
19.98	19.96	20.05	20.5	64QAM		1	0
19.85	19.93	19.87	20.5			1	37
19.84	19.88	19.97	20.5			1	74
19.04	18.88	18.86	19.5			36	0
18.80	18.88	18.99	19.5			36	19
18.87	19.05	18.93	19.5			36	39
18.91	19.02	18.99	19.5			75	0
17.08	17.04	16.96	17.5	256QAM		1	0
16.86	17.10	17.06	17.5			1	37
16.89	17.04	16.96	17.5			1	74
16.91	17.01	17.05	17.5			36	0
17.09	17.07	16.99	17.5			36	19
17.04	17.06	17.10	17.5			36	39
16.99	16.93	16.83	17.5			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)				
21.88	21.97	21.99	22.5	QPSK	10MHz	1	0
22.01	22.05	21.90	22.5			1	24
21.86	21.85	22.09	22.5			1	49
21.08	20.88	20.84	21.5			25	0
21.05	20.86	20.89	21.5			25	12
20.91	21.04	20.96	21.5			25	25
21.09	20.81	21.04	21.5			50	0
20.98	20.95	20.91	21.5	16QAM		1	0
20.90	20.83	20.91	21.5			1	24
21.03	20.94	20.80	21.5			1	49
19.93	19.83	19.90	20.5			25	0
19.84	19.98	19.92	20.5			25	12
19.87	19.98	20.05	20.5			25	25
19.90	19.88	19.95	20.5			50	0
20.10	20.03	19.90	20.5	64QAM		1	0
19.94	19.97	20.07	20.5			1	24
20.04	20.07	19.96	20.5			1	49
18.97	18.90	19.01	19.5			25	0
19.09	19.01	19.04	19.5			25	12
18.83	19.08	18.86	19.5			25	25
18.81	19.05	18.94	19.5			50	0
16.81	17.10	16.80	17.5	256QAM		1	0
17.02	16.90	17.07	17.5			1	24
16.88	16.95	17.04	17.5			1	49
16.81	16.96	17.08	17.5			25	0
17.02	16.83	16.85	17.5			25	12
16.90	17.02	16.98	17.5			25	25
17.07	16.80	17.08	17.5			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)				
22.07	21.94	21.86	22.5	QPSK	5MHz	1	0
21.99	21.88	21.89	22.5			1	12
21.97	21.83	22.07	22.5			1	24
20.89	20.90	20.84	21.5			12	0
20.90	20.81	21.04	21.5			12	6
20.92	20.86	21.10	21.5			12	13
20.99	21.00	20.91	21.5			25	0
20.94	20.89	20.87	21.5	16QAM		1	0
20.94	20.95	21.09	21.5			1	12
20.98	20.83	21.02	21.5			1	24
19.80	19.85	19.99	20.5			12	0
19.85	20.02	20.00	20.5			12	6
19.94	20.07	19.95	20.5			12	13
20.00	19.82	20.07	20.5			25	0
19.80	19.91	19.85	20.5	64QAM		1	0
19.88	19.80	19.85	20.5			1	12
19.99	19.94	19.81	20.5			1	24
19.00	18.95	19.09	19.5			12	0
19.01	19.05	18.84	19.5			12	6
18.92	18.83	18.96	19.5			12	13
19.01	19.06	19.10	19.5			25	0
17.02	16.86	16.81	17.5	256QAM		1	0
16.97	16.83	16.82	17.5			1	12
16.99	16.91	16.94	17.5			1	24
16.91	17.03	16.89	17.5			12	0
16.90	17.06	17.06	17.5			12	6
16.93	17.01	16.89	17.5			12	13
16.90	16.84	17.04	17.5			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)				
22.06	21.86	22.03	22.5	QPSK	3MHz	1	0
21.93	21.94	21.90	22.5			1	7
21.87	22.05	21.80	22.5			1	14
20.98	20.91	20.90	21.5			8	0
20.81	21.03	20.83	21.5			8	3
21.01	20.85	21.04	21.5			8	7
21.06	20.86	20.90	21.5			15	0
21.05	21.02	21.03	21.5	16QAM		1	0
20.96	20.88	20.89	21.5			1	7
20.83	20.91	20.82	21.5			1	14
20.09	19.93	20.06	20.5			8	0
19.89	19.87	19.87	20.5			8	3
19.86	19.85	19.90	20.5			8	7
20.07	19.95	19.92	20.5			15	0
19.95	19.91	19.95	20.5	64QAM		1	0
20.10	20.04	20.06	20.5			1	7
20.10	20.05	20.01	20.5			1	14
18.89	19.07	18.82	19.5			8	0
19.09	18.82	19.10	19.5			8	3
19.07	18.94	18.87	19.5			8	7
18.86	19.03	19.06	19.5			15	0
17.04	16.87	16.80	17.5	256QAM		1	0
16.99	16.81	17.09	17.5			1	7
16.89	17.09	16.80	17.5			1	14
16.84	17.08	16.85	17.5			8	0
17.00	16.91	16.90	17.5			8	3
16.81	16.81	17.05	17.5			8	7
17.02	16.84	17.02	17.5			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)				
22.06	21.90	22.02	22.5	QPSK	1.4MHz	1	0
21.81	21.83	22.04	22.5			1	2
22.06	21.90	21.89	22.5			1	5
22.10	22.03	22.06	22.5			3	0
22.01	21.96	22.01	22.5			3	1
21.93	21.96	22.00	22.5			3	3
20.87	21.00	20.96	21.5			6	0
20.84	20.94	20.93	21.5	16QAM		1	0
20.90	21.08	21.05	21.5			1	2
20.96	20.88	20.83	21.5			1	5
21.01	20.94	21.06	21.5			3	0
20.81	20.90	20.83	21.5			3	1
20.83	21.02	20.96	21.5			3	3
19.82	19.99	19.84	20.5			6	0
19.88	20.05	20.02	20.5	64QAM		1	0
20.03	19.88	19.91	20.5			1	2
19.99	20.07	20.00	20.5			1	5
19.80	19.90	19.94	20.5			3	0
19.96	19.98	19.86	20.5			3	1
19.94	19.97	20.01	20.5			3	3
19.02	18.83	18.96	19.5			6	0
16.97	16.88	16.98	17.5	256QAM		1	0
16.86	17.09	16.92	17.5			1	2
16.86	17.04	16.83	17.5			1	5
16.98	16.94	17.05	17.5			3	0
16.96	16.94	17.02	17.5			3	1
17.04	16.92	16.81	17.5			3	3
16.81	16.85	17.01	17.5			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)				
23.21	23.23	23.20	23.5	QPSK	20MHz	1	0
23.15	23.10	23.10	23.5			1	49
23.15	23.22	23.21	23.5			1	99
22.16	22.19	22.11	22.5			50	0
22.13	22.10	22.13	22.5			50	25
22.16	22.12	22.10	22.5			50	50
22.12	22.15	22.11	22.5			100	0
22.14	22.16	22.17	22.5	16QAM		1	0
22.11	22.11	22.20	22.5			1	49
22.12	22.14	22.18	22.5			1	99
21.14	21.12	21.20	21.5			50	0
21.12	21.18	21.12	21.5			50	25
21.20	21.10	21.12	21.5			50	50
21.15	21.17	21.17	21.5			100	0
21.11	21.16	21.13	21.5	64QAM		1	0
21.19	21.19	21.14	21.5			1	49
21.20	21.17	21.17	21.5			1	99
20.20	20.17	20.11	20.5			50	0
20.10	20.10	20.20	20.5			50	25
20.14	20.20	20.17	20.5			50	50
20.19	20.13	20.13	20.5			100	0
18.18	18.16	18.19	18.5	256QAM		1	0
18.11	18.17	18.17	18.5			1	49
18.14	18.17	18.14	18.5			1	99
18.18	18.20	18.14	18.5			50	0
18.16	18.12	18.20	18.5			50	25
18.12	18.11	18.18	18.5			50	50
18.20	18.14	18.17	18.5			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)				
23.00	23.04	22.95	23.5	QPSK	15MHz	1	0
22.94	23.02	22.93	23.5			1	37
23.09	23.06	22.92	23.5			1	74
21.99	21.96	21.80	22.5			36	0
21.81	22.04	22.06	22.5			36	19
22.08	22.08	21.87	22.5			36	39
21.92	21.84	21.97	22.5			75	0
21.90	21.95	22.01	22.5	16QAM		1	0
22.06	22.02	22.02	22.5			1	37
22.05	21.81	22.02	22.5			1	74
20.99	21.00	20.82	21.5			36	0
20.89	20.95	20.91	21.5			36	19
20.98	20.83	21.06	21.5			36	39
21.05	21.00	20.86	21.5			75	0
20.97	20.98	20.94	21.5	64QAM		1	0
20.82	20.85	20.98	21.5			1	37
20.97	20.99	20.98	21.5			1	74
19.98	19.99	20.04	20.5			36	0
19.87	19.80	20.08	20.5			36	19
20.03	19.94	19.90	20.5			36	39
20.05	19.83	19.82	20.5			75	0
17.88	17.83	17.99	18.5	256QAM		1	0
17.83	17.84	18.07	18.5			1	37
17.92	18.04	17.89	18.5			1	74
18.07	18.10	17.94	18.5			36	0
17.81	18.02	17.87	18.5			36	19
18.05	18.01	17.95	18.5			36	39
18.10	17.85	17.90	18.5			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)				
23.03	23.10	22.90	23.5	QPSK	10MHz	1	0
22.93	23.01	22.84	23.5			1	24
23.07	23.02	23.02	23.5			1	49
21.85	21.81	21.86	22.5			25	0
21.89	21.83	21.87	22.5			25	12
21.97	21.96	22.02	22.5			25	25
22.10	21.88	21.98	22.5			50	0
21.92	21.80	21.81	22.5	16QAM		1	0
21.99	21.85	21.94	22.5			1	24
21.83	22.01	21.81	22.5			1	49
20.98	21.00	20.89	21.5			25	0
21.00	20.83	20.97	21.5			25	12
21.09	20.94	20.91	21.5			25	25
20.83	20.97	21.00	21.5			50	0
20.97	21.09	20.84	21.5	64QAM		1	0
20.99	21.06	20.81	21.5			1	24
20.95	20.98	20.86	21.5			1	49
20.08	19.89	19.84	20.5			25	0
19.95	19.90	19.99	20.5			25	12
19.86	19.95	19.95	20.5			25	25
20.04	19.98	20.09	20.5			50	0
18.06	17.87	18.00	18.5	256QAM		1	0
18.01	17.89	17.87	18.5			1	24
18.07	18.09	17.93	18.5			1	49
18.08	18.04	17.96	18.5			25	0
17.92	17.81	17.96	18.5			25	12
18.07	17.98	17.97	18.5			25	25
18.10	17.81	17.81	18.5			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)				
23.04	23.05	22.85	23.5	QPSK	5MHz	1	0
22.90	22.96	22.91	23.5			1	12
22.90	23.06	22.87	23.5			1	24
21.85	22.02	22.09	22.5			12	0
22.09	21.85	22.04	22.5			12	6
21.94	21.91	22.01	22.5			12	13
21.84	21.98	21.97	22.5			25	0
21.95	21.92	22.05	22.5	16QAM		1	0
21.90	22.01	22.07	22.5			1	12
22.01	21.95	21.90	22.5			1	24
20.90	20.89	20.98	21.5			12	0
20.80	21.07	21.09	21.5			12	6
20.82	21.05	20.89	21.5			12	13
20.93	20.94	20.81	21.5			25	0
21.02	20.83	20.83	21.5	64QAM		1	0
20.88	20.97	20.93	21.5			1	12
21.05	20.98	20.88	21.5			1	24
20.00	20.00	19.95	20.5			12	0
19.98	19.84	19.80	20.5			12	6
19.87	19.87	19.94	20.5			12	13
19.85	19.84	19.89	20.5			25	0
18.02	17.86	17.99	18.5	256QAM		1	0
17.98	18.05	18.06	18.5			1	12
17.96	17.88	17.96	18.5			1	24
18.08	17.89	17.97	18.5			12	0
17.92	18.04	17.81	18.5			12	6
17.94	17.92	18.04	18.5			12	13
17.86	17.95	17.90	18.5			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)				
22.84	22.81	23.02	23.5	QPSK	3MHz	1	0
22.91	22.98	22.85	23.5			1	7
22.94	23.02	23.08	23.5			1	14
21.85	21.83	21.94	22.5			8	0
21.97	22.07	21.97	22.5			8	3
22.08	21.97	21.89	22.5			8	7
21.84	21.90	22.06	22.5			15	0
21.89	22.07	22.00	22.5	16QAM		1	0
21.83	21.87	22.08	22.5			1	7
21.90	22.04	21.96	22.5			1	14
20.98	20.85	20.88	21.5			8	0
21.07	21.00	20.95	21.5			8	3
20.89	21.07	21.01	21.5			8	7
20.94	21.09	20.93	21.5			15	0
20.81	21.01	21.03	21.5	64QAM		1	0
20.83	21.09	20.99	21.5			1	7
20.82	20.88	21.06	21.5			1	14
19.88	19.83	20.04	20.5			8	0
19.98	19.83	19.85	20.5			8	3
19.82	19.99	20.00	20.5			8	7
20.03	19.87	19.81	20.5			15	0
18.10	18.08	18.06	18.5	256QAM		1	0
18.07	17.97	17.87	18.5			1	7
18.08	17.86	18.02	18.5			1	14
17.92	17.90	18.01	18.5			8	0
18.08	17.85	17.91	18.5			8	3
18.02	18.02	17.97	18.5			8	7
17.89	18.06	17.87	18.5			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)				
22.81	23.01	23.00	23.5	QPSK	1.4MHz	1	0
22.80	22.82	22.97	23.5			1	2
22.81	22.96	22.97	23.5			1	5
23.04	23.09	22.90	23.5			3	0
22.86	22.91	22.80	23.5			3	1
22.95	22.86	22.88	23.5			3	3
21.80	21.88	22.05	22.5			6	0
22.10	21.82	22.04	22.5	16QAM		1	0
22.06	21.87	21.86	22.5			1	2
21.93	21.87	21.83	22.5			1	5
21.98	21.81	22.02	22.5			3	0
21.97	21.89	21.93	22.5			3	1
21.87	21.89	21.83	22.5			3	3
20.80	20.86	20.89	21.5			6	0
21.00	21.01	20.95	21.5	64QAM		1	0
20.82	21.05	20.86	21.5			1	2
21.03	20.88	20.81	21.5			1	5
20.87	20.92	20.84	21.5			3	0
20.83	21.01	20.85	21.5			3	1
21.02	21.04	21.08	21.5			3	3
19.82	19.93	19.85	20.5			6	0
17.93	17.97	18.09	18.5	256QAM		1	0
18.03	17.88	17.93	18.5			1	2
18.01	17.93	17.80	18.5			1	5
17.81	18.02	17.92	18.5			3	0
17.90	17.82	18.06	18.5			3	1
17.90	18.04	18.09	18.5			3	3
17.86	17.93	18.00	18.5			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
21.20	21.12	21.01	22			1	24
21.19	21.30	21.28	22			1	49
20.07	20.17	20.06	21			25	0
20.04	20.23	20.10	21			25	12
20.12	20.17	20.24	21			25	25
20.10	20.25	20.22	21			50	0
18.14	18.28	18.24	19	256QAM		1	0
18.19	18.24	18.23	19			1	24
18.30	18.17	18.15	19			1	49
18.07	18.13	18.28	19			25	0
18.05	18.01	18.15	19			25	12
18.06	18.00	18.16	19			25	25
18.22	18.17	18.01	19			50	0

LTE Band 5 Ant 1							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
20425	20525	20625	Channel				
826.5	836.5	846.5	Frequency (MHz)				
23.19	23.28	23.29	24	QPSK	5MHz	1	0
22.97	23.08	23.13	24			1	12
23.00	23.28	23.01	24			1	24
22.20	22.18	22.15	23			12	0
22.13	22.07	22.00	23			12	6
22.10	22.15	21.97	23			12	13
21.96	22.23	22.15	23			25	0
21.90	22.10	21.94	23	16QAM		1	0
22.22	22.04	21.98	23			1	12
21.99	22.10	22.27	23			1	24
21.15	21.16	21.10	22			12	0
21.26	21.03	21.18	22			12	6
21.00	21.22	21.16	22			12	13
21.28	21.28	21.29	22			25	0
20.96	21.28	20.94	22	64QAM		1	0
21.13	21.11	21.18	22			1	12
21.23	21.23	21.20	22			1	24
20.11	20.26	20.09	21			12	0
20.13	19.91	20.16	21			12	6
20.17	20.20	20.11	21			12	13
19.98	20.15	20.11	21			25	0
17.90	18.05	18.15	19	256QAM		1	0
18.17	18.22	18.24	19			1	12
17.94	17.99	17.93	19			1	24
18.00	17.99	17.99	19			12	0
18.07	17.94	17.97	19			12	6
18.04	18.12	18.06	19			12	13
18.15	17.98	18.24	19			25	0

LTE Band 5 Ant 1							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
20415	20525	20635	Channel				
825.5	836.5	847.5	Frequency (MHz)				
22.95	22.97	23.11	24	QPSK	3MHz	1	0
22.97	23.28	23.06	24			1	7
23.25	23.29	23.27	24			1	14
22.12	22.30	22.30	23			8	0
22.01	21.95	22.01	23			8	3
21.97	22.15	22.21	23			8	7
22.09	22.09	22.26	23			15	0
22.10	22.24	22.22	23	16QAM		1	0
22.07	22.25	22.18	23			1	7
22.13	21.94	21.96	23			1	14
21.26	20.98	21.27	22			8	0
21.10	21.27	21.28	22			8	3
20.97	21.22	21.06	22			8	7
21.01	20.96	21.08	22			15	0
21.12	20.91	21.02	22	64QAM		1	0
21.20	20.97	21.02	22			1	7
21.07	21.04	21.21	22			1	14
20.06	20.23	20.29	21			8	0
19.93	20.16	20.14	21			8	3
20.22	19.90	19.91	21			8	7
20.14	20.29	19.92	21			15	0
18.06	18.25	17.90	19	256QAM		1	0
18.25	18.21	18.13	19			1	7
18.13	18.21	18.13	19			1	14
18.12	18.12	17.91	19			8	0
17.95	18.01	17.95	19			8	3
17.95	17.97	18.07	19			8	7
18.13	17.96	18.18	19			15	0

LTE Band 5 Ant 1							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
20407	20525	20643	Channel				
824.7	836.5	848.3	Frequency (MHz)				
23.26	23.07	23.14	24	QPSK	1.4MHz	1	0
23.20	23.01	23.13	24			1	2
23.21	23.17	23.01	24			1	5
23.15	23.01	22.95	24			3	0
23.06	22.94	23.14	24			3	1
23.17	22.96	23.24	24			3	3
22.12	22.11	22.06	23			6	0
22.21	21.91	21.94	23	16QAM		1	0
21.97	22.09	22.16	23			1	2
22.05	22.02	22.27	23			1	5
22.13	22.27	22.03	23			3	0
22.08	22.29	21.94	23			3	1
21.93	22.27	22.00	23			3	3
20.95	21.19	20.91	22			6	0
21.11	21.26	21.11	22	64QAM		1	0
21.00	21.28	21.26	22			1	2
21.07	21.01	21.29	22			1	5
21.14	21.21	21.10	22			3	0
21.08	20.93	21.04	22			3	1
20.92	21.13	21.04	22			3	3
20.17	20.10	20.25	21			6	0
18.15	17.99	18.09	19	256QAM		1	0
17.91	18.22	18.22	19			1	2
17.93	18.12	18.16	19			1	5
18.04	18.03	18.29	19			3	0
18.26	17.99	18.16	19			3	1
18.11	18.09	18.09	19			3	3
18.08	17.95	18.24	19			6	0

LTE Band 7 Ant 1							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
20850	21100	21350	Channel				
2510	2535	2560	Frequency (MHz)				
18.25	18.36	18.28	18.5	QPSK	20MHz	1	0
18.32	18.27	18.26	18.5			1	49
18.10	18.16	18.16	18.5			1	99
17.17	17.20	17.14	17.5			50	0
17.18	17.12	17.15	17.5			50	25
17.10	17.17	17.11	17.5			50	50
17.15	17.17	17.11	17.5			100	0
17.19	17.14	17.17	17.5	16QAM		1	0
17.11	17.20	17.11	17.5			1	49
17.14	17.18	17.10	17.5			1	99
16.11	16.18	16.18	16.5			50	0
16.15	16.10	16.14	16.5			50	25
16.19	16.19	16.11	16.5			50	50
16.11	16.13	16.19	16.5			100	0
16.17	16.19	16.15	16.5	64QAM		1	0
16.19	16.15	16.14	16.5			1	49
16.14	16.19	16.20	16.5			1	99
15.10	15.15	15.10	15.5			50	0
15.20	15.17	15.20	15.5			50	25
15.11	15.18	15.14	15.5			50	50
15.12	15.16	15.18	15.5			100	0
13.13	13.10	13.13	13.5	256QAM		1	0
13.17	13.16	13.20	13.5			1	49
13.12	13.13	13.10	13.5			1	99
13.16	13.13	13.16	13.5			50	0
13.16	13.14	13.18	13.5			50	25
13.18	13.10	13.14	13.5			50	50
13.12	13.11	13.10	13.5			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)				
18.04	17.81	17.95	18.5	QPSK	15MHz	1	0
17.82	18.07	17.87	18.5			1	37
17.86	17.98	17.94	18.5			1	74
17.09	16.86	16.89	17.5			36	0
16.94	16.81	16.99	17.5			36	19
16.87	16.82	16.81	17.5			36	39
17.01	17.08	16.98	17.5			75	0
17.07	16.96	16.81	17.5	16QAM		1	0
16.88	16.91	16.90	17.5			1	37
16.81	16.83	17.04	17.5			1	74
16.08	16.07	15.99	16.5			36	0
15.86	16.01	15.81	16.5			36	19
15.83	15.84	16.00	16.5			36	39
16.06	16.03	15.80	16.5			75	0
15.89	16.05	16.08	16.5	64QAM		1	0
15.94	16.07	16.00	16.5			1	37
15.86	15.81	15.91	16.5			1	74
14.88	14.85	15.10	15.5			36	0
15.09	14.86	14.97	15.5			36	19
14.97	14.83	14.92	15.5			36	39
15.09	14.84	15.10	15.5			75	0
12.97	13.01	12.98	13.5	256QAM		1	0
12.87	12.84	13.00	13.5			1	37
12.89	12.89	12.88	13.5			1	74
12.94	12.81	12.90	13.5			36	0
12.94	12.82	12.83	13.5			36	19
12.94	12.83	12.97	13.5			36	39
12.95	12.99	12.81	13.5			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)				
18.02	17.95	17.96	18.5	QPSK	10MHz	1	0
17.92	17.80	18.10	18.5			1	24
17.89	17.90	17.87	18.5			1	49
16.87	16.89	16.89	17.5			25	0
17.05	16.92	16.80	17.5			25	12
16.87	16.87	16.92	17.5			25	25
16.89	17.08	16.92	17.5			50	0
17.07	16.89	16.96	17.5	16QAM		1	0
17.03	17.01	16.90	17.5			1	24
17.08	16.81	17.00	17.5			1	49
16.05	15.94	15.83	16.5			25	0
15.83	16.06	15.99	16.5			25	12
15.95	15.92	15.91	16.5			25	25
15.91	15.97	15.88	16.5			50	0
16.08	16.00	16.09	16.5	64QAM		1	0
15.97	16.04	15.81	16.5			1	24
15.81	16.08	16.10	16.5			1	49
14.87	14.96	14.93	15.5			25	0
14.83	14.82	15.10	15.5			25	12
15.00	15.02	15.00	15.5			25	25
14.87	14.95	14.96	15.5			50	0
13.07	12.86	12.91	13.5	256QAM		1	0
13.05	12.94	12.83	13.5			1	24
13.03	12.98	13.03	13.5			1	49
12.99	12.94	12.82	13.5			25	0
13.01	13.00	12.96	13.5			25	12
13.01	13.05	13.05	13.5			25	25
12.93	12.94	12.98	13.5			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)				
17.90	17.92	18.07	18.5	QPSK	5MHz	1	0
18.06	17.88	17.94	18.5			1	12
17.93	17.84	17.95	18.5			1	24
16.85	16.93	17.07	17.5			12	0
17.03	17.00	16.88	17.5			12	6
16.81	17.09	17.01	17.5			12	13
16.89	16.86	17.00	17.5			25	0
16.99	16.92	16.95	17.5	16QAM		1	0
16.84	17.01	16.88	17.5			1	12
16.95	16.97	16.80	17.5			1	24
15.97	15.98	15.89	16.5			12	0
15.98	16.10	16.09	16.5			12	6
15.95	15.99	16.05	16.5			12	13
15.96	15.90	16.07	16.5			25	0
15.92	15.94	15.98	16.5	64QAM		1	0
16.01	16.00	16.05	16.5			1	12
16.02	15.86	15.90	16.5			1	24
15.02	15.08	15.01	15.5			12	0
14.90	14.90	15.10	15.5			12	6
15.00	14.96	15.00	15.5			12	13
15.00	15.07	14.98	15.5			25	0
12.94	12.95	12.95	13.5	256QAM		1	0
12.81	13.00	12.95	13.5			1	12
13.02	13.04	12.94	13.5			1	24
12.90	12.96	12.89	13.5			12	0
13.01	12.98	13.08	13.5			12	6
13.03	13.00	12.84	13.5			12	13
12.93	12.93	12.93	13.5			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)				
23.23	23.38	23.21	24	QPSK	10MHz	1	0
23.24	23.20	23.20	24			1	24
23.23	23.26	23.31	24			1	49
22.36	22.81	22.34	23			25	0
22.79	22.70	22.51	23			25	12
22.34	22.53	22.64	23			25	25
22.58	22.82	22.63	23			50	0
22.30	22.32	22.32	23	16QAM		1	0
22.32	22.31	22.30	23			1	24
22.21	22.28	22.33	23			1	49
21.97	21.53	21.68	22			25	0
21.64	21.65	21.64	22			25	12
21.54	21.63	21.55	22			25	25
21.96	21.55	21.82	22			50	0
21.24	21.35	21.18	22	64QAM		1	0
21.31	21.31	21.38	22			1	24
21.13	21.15	21.18	22			1	49
20.25	20.21	20.29	21			25	0
20.37	20.27	20.25	21			25	12
20.23	20.37	20.13	21			25	25
20.38	20.12	20.31	21			50	0
18.29	18.32	18.20	19	256QAM		1	0
18.26	18.31	18.30	19			1	24
18.37	18.40	18.20	19			1	49
18.29	18.34	18.36	19			25	0
18.12	18.21	18.21	19			25	12
18.15	18.32	18.18	19			25	25
18.12	18.13	18.27	19			50	0

LTE Band 12 Ant 1							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
23035	23095	23155	Channel				
701.5	707.5	713.5	Frequency (MHz)				
23.00	22.98	23.01	24	QPSK	5MHz	1	0
23.06	23.19	23.13	24			1	12
22.95	23.03	23.00	24			1	24
22.15	21.92	22.01	23			12	0
22.14	22.17	22.13	23			12	6
22.02	22.20	22.01	23			12	13
22.07	22.17	22.12	23			25	0
22.08	21.91	21.91	23	16QAM		1	0
22.04	22.11	22.18	23			1	12
22.09	22.08	22.01	23			1	24
21.13	21.08	20.92	22			12	0
21.17	20.96	20.98	22			12	6
20.96	21.15	21.01	22			12	13
20.98	21.05	20.90	22			25	0
21.19	20.92	21.04	22	64QAM		1	0
20.96	20.93	21.07	22			1	12
21.08	21.09	21.00	22			1	24
20.07	19.99	20.10	21			12	0
20.20	20.02	20.04	21			12	6
19.99	20.10	20.10	21			12	13
20.19	20.02	20.03	21			25	0
17.98	17.94	17.97	19	256QAM		1	0
18.03	18.03	18.02	19			1	12
17.95	18.06	18.02	19			1	24
18.00	18.08	18.06	19			12	0
17.99	17.95	18.19	19			12	6
18.00	18.02	17.92	19			12	13
18.05	18.15	18.17	19			25	0

LTE Band 12 Ant 1							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
23025	23095	23165	Channel				
700.5	707.5	714.5	Frequency (MHz)				
23.06	22.99	23.14	24	QPSK	3MHz	1	0
23.02	22.93	23.20	24			1	7
22.92	23.02	22.98	24			1	14
22.03	22.02	21.94	23			8	0
22.14	22.14	22.06	23			8	3
21.96	22.03	21.95	23			8	7
21.98	22.18	22.09	23			15	0
22.04	22.18	22.09	23	16QAM		1	0
22.20	22.14	22.07	23			1	7
22.04	21.90	22.00	23			1	14
21.01	21.12	21.05	22			8	0
21.13	20.97	20.95	22			8	3
21.20	21.20	21.10	22			8	7
20.91	21.06	21.19	22			15	0
21.04	20.98	21.06	22	64QAM		1	0
20.98	20.93	21.17	22			1	7
21.12	20.93	21.04	22			1	14
19.92	20.15	20.07	21			8	0
20.14	20.03	20.05	21			8	3
20.11	20.17	20.06	21			8	7
20.10	20.12	20.03	21			15	0
18.16	18.19	17.90	19	256QAM		1	0
18.08	17.93	18.14	19			1	7
18.08	18.20	18.00	19			1	14
17.94	18.07	17.99	19			8	0
17.90	17.90	17.95	19			8	3
18.08	18.06	18.13	19			8	7
17.95	18.17	17.99	19			15	0

LTE Band 12 Ant 1							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
23017	23095	23173	Channel				
699.7	707.5	715.3	Frequency (MHz)				
23.01	23.20	22.90	24	QPSK	1.4MHz	1	0
22.99	23.17	23.16	24			1	2
23.08	23.06	22.94	24			1	5
23.11	23.12	22.95	24			3	0
22.99	22.97	23.13	24			3	1
22.98	23.18	22.98	24			3	3
21.98	22.04	22.19	23			6	0
22.06	22.12	22.04	23	16QAM		1	0
21.99	22.11	21.90	23			1	2
22.04	22.10	22.11	23			1	5
21.92	21.98	21.95	23			3	0
22.01	21.95	21.97	23			3	1
21.96	22.06	22.00	23			3	3
20.95	20.96	20.95	22			6	0
21.03	21.06	20.90	22	64QAM		1	0
21.13	21.02	21.08	22			1	2
21.14	20.93	21.18	22			1	5
21.05	21.04	21.19	22			3	0
20.96	20.90	21.15	22			3	1
21.04	20.90	20.95	22			3	3
19.94	19.98	20.12	21			6	0
18.10	17.92	18.04	19	256QAM		1	0
18.19	18.01	17.98	19			1	2
18.19	18.10	18.08	19			1	5
18.20	18.14	18.09	19			3	0
17.94	18.16	17.93	19			3	1
18.10	18.02	18.16	19			3	3
18.07	18.13	18.11	19			6	0

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

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

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

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

LTE Band 25 Ant 1							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
26140	26365	26590	Channel				
1860	1882.5	1905	Frequency (MHz)				
22.38	22.39	22.30	22.5	QPSK	20MHz	1	0
22.32	22.10	22.33	22.5			1	49
22.15	22.18	22.22	22.5			1	99
21.15	21.19	21.12	21.5			50	0
21.19	21.16	21.14	21.5			50	25
21.11	21.12	21.14	21.5			50	50
21.14	21.20	21.13	21.5			100	0
21.12	21.19	21.12	21.5	16QAM		1	0
21.13	21.11	21.12	21.5			1	49
21.19	21.18	21.13	21.5			1	99
20.12	20.19	20.16	20.5			50	0
20.16	20.14	20.12	20.5			50	25
20.13	20.17	20.19	20.5			50	50
20.19	20.18	20.18	20.5			100	0
20.13	20.13	20.12	20.5	64QAM		1	0
20.13	20.16	20.11	20.5			1	49
20.17	20.19	20.18	20.5			1	99
19.10	19.18	19.16	19.5			50	0
19.19	19.18	19.10	19.5			50	25
19.10	19.15	19.13	19.5			50	50
19.19	19.10	19.19	19.5			100	0
17.20	17.18	17.12	17.5	256QAM		1	0
17.16	17.17	17.11	17.5			1	49
17.12	17.16	17.19	17.5			1	99
17.15	17.17	17.11	17.5			50	0
17.19	17.19	17.18	17.5			50	25
17.18	17.12	17.12	17.5			50	50
17.20	17.16	17.16	17.5			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)				
22.09	21.98	22.04	22.5	QPSK	15MHz	1	0
22.03	22.03	21.98	22.5			1	37
21.88	22.09	21.83	22.5			1	74
20.94	20.84	21.04	21.5			36	0
21.02	21.02	20.84	21.5			36	19
20.92	21.06	20.81	21.5			36	39
21.02	21.04	20.82	21.5			75	0
20.95	20.88	21.10	21.5	16QAM		1	0
21.03	21.05	20.86	21.5			1	37
20.87	20.88	20.80	21.5			1	74
19.89	20.06	19.84	20.5			36	0
20.00	19.96	20.09	20.5			36	19
19.95	19.87	20.01	20.5			36	39
19.91	20.00	19.93	20.5			75	0
19.80	19.96	20.05	20.5	64QAM		1	0
19.89	19.99	20.05	20.5			1	37
20.09	19.84	19.81	20.5			1	74
18.80	18.85	19.02	19.5			36	0
18.86	18.87	18.89	19.5			36	19
18.81	18.80	18.98	19.5			36	39
18.87	18.86	18.98	19.5			75	0
16.94	16.80	17.06	17.5	256QAM		1	0
16.96	16.89	17.07	17.5			1	37
17.10	16.91	17.08	17.5			1	74
17.07	16.95	17.09	17.5			36	0
17.03	16.91	16.88	17.5			36	19
16.91	17.02	16.93	17.5			36	39
17.01	16.85	17.09	17.5			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)				
21.94	21.89	21.96	22.5	QPSK	10MHz	1	0
22.05	21.81	22.10	22.5			1	24
22.04	21.93	21.91	22.5			1	49
20.85	20.98	20.96	21.5			25	0
21.05	20.82	20.93	21.5			25	12
20.82	20.87	20.96	21.5			25	25
21.01	20.94	20.83	21.5			50	0
20.88	20.91	20.82	21.5	16QAM		1	0
21.00	20.82	20.82	21.5			1	24
21.09	20.80	20.93	21.5			1	49
19.94	20.08	20.02	20.5			25	0
19.92	19.94	19.81	20.5			25	12
19.90	19.82	19.84	20.5			25	25
19.89	20.06	19.93	20.5			50	0
19.88	19.88	19.82	20.5	64QAM		1	0
19.91	19.98	19.88	20.5			1	24
19.97	20.01	20.01	20.5			1	49
18.95	18.81	19.09	19.5			25	0
18.87	18.91	18.90	19.5			25	12
18.90	18.97	19.07	19.5			25	25
18.91	19.03	18.83	19.5			50	0
16.89	17.00	16.93	17.5	256QAM		1	0
17.02	16.94	16.80	17.5			1	24
16.80	16.97	17.02	17.5			1	49
16.95	16.81	16.85	17.5			25	0
16.92	16.80	17.07	17.5			25	12
17.03	16.80	16.96	17.5			25	25
17.10	16.87	16.88	17.5			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)				
22.05	22.09	21.99	22.5	QPSK	5MHz	1	0
21.94	21.81	21.95	22.5			1	12
21.97	22.06	22.08	22.5			1	24
20.98	20.98	20.94	21.5			12	0
21.05	20.86	21.03	21.5			12	6
21.08	21.05	20.88	21.5			12	13
20.96	21.08	21.05	21.5			25	0
20.96	21.00	20.88	21.5	16QAM		1	0
20.95	20.99	21.00	21.5			1	12
20.89	20.94	20.84	21.5			1	24
20.08	19.88	19.87	20.5			12	0
19.88	20.08	19.93	20.5			12	6
20.05	19.87	19.90	20.5			12	13
19.91	19.90	19.85	20.5			25	0
19.81	19.93	19.87	20.5	64QAM		1	0
20.02	19.86	19.83	20.5			1	12
20.07	19.89	19.82	20.5			1	24
18.97	18.94	18.91	19.5			12	0
18.82	18.91	18.82	19.5			12	6
19.08	18.95	19.02	19.5			12	13
19.01	19.09	19.10	19.5			25	0
17.02	16.83	16.85	17.5	256QAM		1	0
16.96	16.98	16.89	17.5			1	12
16.89	16.95	16.92	17.5			1	24
16.99	16.81	17.09	17.5			12	0
16.96	17.06	16.89	17.5			12	6
16.82	17.02	17.00	17.5			12	13
16.98	16.90	17.01	17.5			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)				
22.05	21.83	21.82	22.5	QPSK	3MHz	1	0
21.87	22.02	21.81	22.5			1	7
22.00	22.08	21.90	22.5			1	14
21.00	20.86	20.88	21.5			8	0
21.08	21.07	20.87	21.5			8	3
20.94	20.95	20.85	21.5			8	7
21.01	20.81	20.83	21.5			15	0
20.97	20.90	20.91	21.5	16QAM		1	0
20.96	21.06	20.80	21.5			1	7
20.84	20.89	21.10	21.5			1	14
19.83	20.08	19.98	20.5			8	0
19.83	19.93	19.91	20.5			8	3
19.95	20.02	19.94	20.5			8	7
20.09	19.85	19.95	20.5			15	0
19.88	20.00	19.89	20.5	64QAM		1	0
19.91	19.80	20.10	20.5			1	7
19.82	19.83	19.92	20.5			1	14
19.05	18.92	18.84	19.5			8	0
19.05	18.88	18.89	19.5			8	3
18.97	19.08	19.03	19.5			8	7
19.04	19.10	18.88	19.5			15	0
16.90	16.95	17.10	17.5	256QAM		1	0
16.84	16.94	17.03	17.5			1	7
16.93	16.82	17.08	17.5			1	14
17.01	16.90	16.98	17.5			8	0
17.06	16.92	17.00	17.5			8	3
16.95	17.04	17.04	17.5			8	7
16.90	17.01	17.07	17.5			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)				
21.89	21.91	21.94	22.5	QPSK	1.4MHz	1	0
21.94	21.94	21.84	22.5			1	2
21.88	22.09	21.95	22.5			1	5
21.84	21.93	21.81	22.5			3	0
21.81	22.02	22.06	22.5			3	1
22.01	21.94	22.08	22.5			3	3
21.07	20.94	20.97	21.5			6	0
20.83	20.87	21.02	21.5	16QAM		1	0
20.89	20.93	20.88	21.5			1	2
20.98	20.91	20.95	21.5			1	5
21.09	20.88	21.07	21.5			3	0
21.02	21.05	20.88	21.5			3	1
21.08	20.81	20.88	21.5			3	3
19.97	19.94	19.82	20.5			6	0
20.00	19.85	19.82	20.5	64QAM		1	0
19.84	20.09	20.09	20.5			1	2
19.92	19.95	19.96	20.5			1	5
19.84	20.02	20.07	20.5			3	0
19.82	19.99	19.91	20.5			3	1
19.83	19.91	19.85	20.5			3	3
18.82	18.94	19.00	19.5			6	0
16.94	17.06	16.83	17.5	256QAM		1	0
16.80	16.97	16.97	17.5			1	2
16.95	16.96	16.91	17.5			1	5
16.84	17.04	16.80	17.5			3	0
16.95	16.93	17.06	17.5			3	1
16.91	16.80	16.80	17.5			3	3
17.07	16.86	17.10	17.5			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)				
23.36	23.29	23.31	24	QPSK	15MHz	1	0
23.31	23.30	23.25	24			1	37
23.21	23.26	23.21	24			1	74
22.99	22.58	22.72	23			36	0
22.94	22.62	22.70	23			36	19
22.90	22.84	22.83	23			36	39
22.88	22.67	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
21.90	21.76	21.82	22			36	0
21.87	21.56	22.00	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	21.40	21.25	22			1	37
21.24	21.34	21.25	22			1	74
20.82	20.66	20.81	21			36	0
20.80	20.79	20.91	21			36	19
20.65	20.50	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	18.30	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	18.80	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)				
23.10	23.05	23.04	24	QPSK	10MHz	1	0
23.03	23.22	22.98	24			1	24
23.05	23.26	23.20	24			1	49
22.10	22.07	22.02	23			25	0
22.21	21.97	22.01	23			25	12
22.20	22.04	22.02	23			25	25
22.19	22.04	22.20	23			50	0
22.01	22.27	21.94	23	16QAM		1	0
22.10	22.21	22.24	23			1	24
21.90	22.09	21.93	23			1	49
21.04	21.08	21.07	22			25	0
21.21	21.00	20.94	22			25	12
21.05	21.27	20.97	22			25	25
21.08	21.17	21.14	22			50	0
21.03	20.96	20.97	22	64QAM		1	0
21.19	21.15	20.91	22			1	24
21.23	21.08	21.11	22			1	49
20.17	20.24	20.00	21			25	0
20.01	20.02	20.25	21			25	12
20.14	20.14	20.04	21			25	25
20.13	19.93	20.10	21			50	0
18.11	18.25	17.95	19	256QAM		1	0
18.02	18.23	18.26	19			1	24
18.25	18.13	18.29	19			1	49
18.06	18.10	18.09	19			25	0
18.10	18.16	18.23	19			25	12
18.00	18.13	18.25	19			25	25
18.28	18.18	17.92	19			50	0

LTE Band 26 Ant 1							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
26715	26865	27015	Channel				
816.5	831.5	846.5	Frequency (MHz)				
23.20	23.13	23.29	24	QPSK	5MHz	1	0
23.03	22.94	23.13	24			1	12
23.16	23.26	23.23	24			1	24
22.05	21.90	22.14	23			12	0
22.25	22.07	22.08	23			12	6
22.22	22.15	21.97	23			12	13
21.99	21.90	22.27	23			25	0
22.26	22.28	21.94	23	16QAM		1	0
21.93	21.91	22.13	23			1	12
22.29	22.13	22.01	23			1	24
20.92	21.27	21.00	22			12	0
20.97	21.10	20.97	22			12	6
20.98	20.93	21.02	22			12	13
21.01	20.93	21.13	22			25	0
21.00	21.10	21.22	22	64QAM		1	0
20.90	21.09	21.15	22			1	12
21.10	21.08	21.18	22			1	24
20.23	20.22	20.19	21			12	0
20.19	20.28	20.15	21			12	6
19.90	20.14	20.03	21			12	13
20.27	20.14	19.95	21			25	0
18.11	18.20	18.08	19	256QAM		1	0
18.27	18.19	18.08	19			1	12
18.14	17.90	18.25	19			1	24
18.16	18.30	18.08	19			12	0
18.20	18.08	18.10	19			12	6
17.90	17.95	18.19	19			12	13
18.01	18.18	18.08	19			25	0

LTE Band 26 Ant 1							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
26705	26865	27025	Channel				
815.5	831.5	847.5	Frequency (MHz)				
23.02	23.14	22.91	24	QPSK	3MHz	1	0
23.21	23.26	23.18	24			1	7
23.14	23.19	23.04	24			1	14
22.25	22.30	22.09	23			8	0
21.90	21.93	22.04	23			8	3
21.93	21.97	22.19	23			8	7
22.07	22.29	21.92	23			15	0
22.21	21.92	22.11	23	16QAM		1	0
22.02	22.16	22.01	23			1	7
22.26	22.24	22.18	23			1	14
21.26	20.98	21.07	22			8	0
21.16	21.26	21.21	22			8	3
21.13	21.25	20.99	22			8	7
21.29	20.95	21.26	22			15	0
21.27	21.17	21.01	22	64QAM		1	0
21.17	21.27	21.12	22			1	7
21.07	21.20	21.03	22			1	14
20.20	20.14	20.17	21			8	0
20.14	20.24	20.11	21			8	3
20.04	20.07	20.24	21			8	7
20.08	20.29	19.96	21			15	0
17.95	18.11	18.29	19	256QAM		1	0
18.30	18.00	18.30	19			1	7
17.94	18.00	18.08	19			1	14
17.94	18.28	18.22	19			8	0
18.29	17.96	18.21	19			8	3
18.05	18.30	18.04	19			8	7
17.92	18.18	18.02	19			15	0

LTE Band 26 Ant 1							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
26697	26865	27033	Channel				
814.7	831.5	848.3	Frequency (MHz)				
22.99	23.05	23.12	24	QPSK	1.4MHz	1	0
23.28	23.28	23.08	24			1	2
22.97	23.20	23.12	24			1	5
23.26	23.01	23.11	24			3	0
22.97	22.93	23.24	24			3	1
23.23	23.15	23.02	24			3	3
22.16	22.25	21.96	23			6	0
22.19	21.90	22.24	23	16QAM		1	0
22.27	21.97	22.07	23			1	2
21.97	22.13	22.07	23			1	5
22.06	22.26	22.19	23			3	0
22.00	22.14	22.23	23			3	1
22.07	22.04	21.90	23			3	3
20.92	21.09	21.28	22			6	0
21.26	20.99	21.24	22	64QAM		1	0
21.01	21.14	21.29	22			1	2
21.09	21.04	21.01	22			1	5
21.29	21.05	21.17	22			3	0
21.23	21.03	21.29	22			3	1
21.00	21.27	21.14	22			3	3
20.08	19.96	20.29	21			6	0
18.27	18.11	18.04	19	256QAM		1	0
18.16	18.21	18.00	19			1	2
18.22	18.00	17.96	19			1	5
18.22	17.98	18.09	19			3	0
18.02	18.15	18.17	19			3	1
18.28	18.19	18.18	19			3	3
18.17	18.22	18.16	19			6	0

LTE Band 30 Ant 1						
Maximum Average Power (dBm)		Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
27710		Channel				
2310		Frequency (MHz)				
18.27		18.5	QPSK	10MHz	1	0
18.25		18.5			1	24
18.11		18.5			1	49
17.13		17.5			25	0
17.12		17.5			25	12
17.10		17.5			25	25
17.17		17.5			50	0
17.20		17.5	16QAM		1	0
17.19		17.5			1	24
17.18		17.5			1	49
16.14		16.5			25	0
16.16		16.5			25	12
16.19		16.5			25	25
16.20		16.5			50	0
16.18		16.5	64QAM		1	0
16.18		16.5			1	24
16.17		16.5			1	49
15.16		15.5			25	0
15.12		15.5			25	12
15.14		15.5			25	25
15.17		15.5			50	0
13.18		13.5	256QAM		1	0
13.13		13.5			1	24
13.11		13.5			1	49
13.10		13.5			25	0
13.20		13.5			25	12
13.14		13.5			25	25
13.20		13.5			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)				
17.91	17.83	18.08	18.5	QPSK	5MHz	1	0
17.95	18.07	18.03	18.5			1	12
17.98	17.95	17.87	18.5			1	24
16.86	16.92	16.90	17.5			12	0
17.01	17.03	16.82	17.5			12	6
16.83	16.85	17.05	17.5			12	13
16.81	16.89	16.97	17.5			25	0
16.94	16.96	17.00	17.5	16QAM		1	0
16.81	16.87	16.94	17.5			1	12
16.88	17.07	16.94	17.5			1	24
16.08	15.80	15.87	16.5			12	0
15.91	15.98	16.01	16.5			12	6
15.89	15.99	15.89	16.5			12	13
15.98	15.95	16.06	16.5			25	0
15.82	15.80	16.00	16.5	64QAM		1	0
15.96	15.98	15.87	16.5			1	12
15.94	15.99	16.04	16.5			1	24
15.01	15.03	15.01	15.5			12	0
14.93	14.82	14.89	15.5			12	6
15.09	14.97	14.86	15.5			12	13
15.10	14.87	15.10	15.5			25	0
12.84	12.90	13.04	13.5	256QAM		1	0
12.90	12.85	12.87	13.5			1	12
13.09	13.10	13.01	13.5			1	24
12.96	13.01	12.88	13.5			12	0
12.91	13.03	12.97	13.5			12	6
12.89	12.81	13.09	13.5			12	13
13.00	12.89	12.92	13.5			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)				
20.37	20.40	20.32	20.5	QPSK	20MHz	1	0
20.13	20.20	20.12	20.5			1	49
20.15	20.25	20.14	20.5			1	99
19.18	19.20	19.20	19.5			50	0
19.12	19.18	19.10	19.5			50	25
19.19	19.16	19.15	19.5			50	50
19.11	19.18	19.15	19.5			100	0
19.10	19.10	19.18	19.5	16QAM		1	0
19.17	19.11	19.10	19.5			1	49
19.17	19.18	19.19	19.5			1	99
18.16	18.18	18.12	18.5			50	0
18.19	18.15	18.15	18.5			50	25
18.18	18.14	18.13	18.5			50	50
18.14	18.11	18.19	18.5			100	0
18.13	18.18	18.17	18.5	64QAM		1	0
18.19	18.18	18.16	18.5			1	49
18.17	18.17	18.11	18.5			1	99
17.14	17.16	17.11	17.5			50	0
17.18	17.10	17.11	17.5			50	25
17.13	17.17	17.14	17.5			50	50
17.15	17.16	17.16	17.5			100	0
15.20	15.16	15.10	15.5	256QAM		1	0
15.14	15.11	15.14	15.5			1	49
15.19	15.14	15.12	15.5			1	99
15.12	15.11	15.18	15.5			50	0
15.14	15.14	15.10	15.5			50	25
15.17	15.13	15.14	15.5			50	50
15.13	15.19	15.18	15.5			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)				
19.98	19.98	19.81	20.5	QPSK	15MHz	1	0
19.93	20.07	20.08	20.5			1	37
19.92	19.90	19.85	20.5			1	74
18.83	18.98	18.82	19.5			36	0
18.84	18.88	18.81	19.5			36	19
19.00	19.04	18.91	19.5			36	39
18.91	19.00	19.08	19.5			75	0
18.99	18.87	19.09	19.5	16QAM		1	0
18.84	19.09	18.94	19.5			1	37
19.00	19.07	18.81	19.5			1	74
18.10	17.90	17.82	18.5			36	0
17.91	17.89	18.01	18.5			36	19
18.10	18.05	17.83	18.5			36	39
18.04	17.89	18.02	18.5			75	0
17.94	17.82	17.81	18.5	64QAM		1	0
17.85	17.97	17.84	18.5			1	37
17.90	18.03	17.95	18.5			1	74
16.89	16.92	17.04	17.5			36	0
17.05	17.10	16.94	17.5			36	19
17.04	16.87	16.94	17.5			36	39
17.10	17.10	17.01	17.5			75	0
15.08	14.90	14.95	15.5	256QAM		1	0
14.92	15.07	14.96	15.5			1	37
15.07	15.03	15.02	15.5			1	74
15.04	14.83	14.99	15.5			36	0
14.93	14.84	15.01	15.5			36	19
14.98	14.91	14.80	15.5			36	39
15.09	15.01	14.92	15.5			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)				
19.96	19.80	19.93	20.5	QPSK	10MHz	1	0
19.99	19.85	19.86	20.5			1	24
19.84	20.02	19.98	20.5			1	49
18.86	19.05	18.80	19.5			25	0
18.92	18.95	19.09	19.5			25	12
19.09	19.05	19.08	19.5			25	25
18.96	18.83	18.85	19.5			50	0
18.87	18.88	18.85	19.5	16QAM		1	0
18.96	18.96	18.82	19.5			1	24
19.04	18.98	19.02	19.5			1	49
18.00	17.90	17.94	18.5			25	0
17.93	17.83	17.87	18.5			25	12
18.00	17.92	17.94	18.5			25	25
17.94	17.91	17.91	18.5			50	0
17.81	17.93	18.03	18.5	64QAM		1	0
17.81	17.90	17.81	18.5			1	24
17.96	17.98	18.09	18.5			1	49
16.81	16.96	17.02	17.5			25	0
16.80	16.93	16.96	17.5			25	12
16.93	16.92	16.81	17.5			25	25
17.05	17.06	16.90	17.5			50	0
14.89	14.89	14.81	15.5	256QAM		1	0
15.07	14.87	14.91	15.5			1	24
15.01	14.90	15.04	15.5			1	49
14.86	14.88	14.98	15.5			25	0
14.92	14.86	14.95	15.5			25	12
14.97	15.00	14.87	15.5			25	25
14.99	15.07	15.09	15.5			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)				
20.01	19.88	20.01	20.5	QPSK	5MHz	1	0
20.05	19.97	20.05	20.5			1	12
19.92	20.07	19.92	20.5			1	24
19.05	18.86	19.03	19.5			12	0
18.98	19.00	18.90	19.5			12	6
18.84	19.10	19.04	19.5			12	13
19.09	18.81	19.01	19.5			25	0
18.81	18.99	18.84	19.5	16QAM		1	0
18.81	18.94	18.86	19.5			1	12
18.93	18.81	19.00	19.5			1	24
18.00	17.92	17.90	18.5			12	0
17.97	17.93	17.85	18.5			12	6
18.01	17.96	18.06	18.5			12	13
18.03	18.06	17.94	18.5			25	0
17.80	18.05	18.05	18.5	64QAM		1	0
17.90	18.03	17.81	18.5			1	12
18.03	17.84	17.98	18.5			1	24
16.87	16.88	16.91	17.5			12	0
16.98	17.02	16.80	17.5			12	6
16.82	16.90	17.08	17.5			12	13
16.82	16.93	17.01	17.5			25	0
15.10	14.89	14.84	15.5	256QAM		1	0
14.82	15.01	14.93	15.5			1	12
14.86	14.89	14.86	15.5			1	24
14.87	14.84	14.87	15.5			12	0
14.95	14.86	14.88	15.5			12	6
14.91	14.98	14.82	15.5			12	13
14.88	15.10	14.86	15.5			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)				
20.33	20.04	20.04	20.5	QPSK	20MHz	1	0
20.03	20.06	20.08	20.5			1	49
20.01	20.02	20.08	20.5			1	99
19.20	19.10	19.06	19.5			50	0
19.09	19.02	19.09	19.5			50	25
19.10	19.01	19.02	19.5			50	50
19.04	19.05	19.03	19.5			100	0
19.05	19.06	19.08	19.5	16QAM		1	0
19.03	19.10	19.06	19.5			1	49
19.09	19.10	19.04	19.5			1	99
18.10	18.06	18.09	18.5			50	0
18.07	18.03	18.10	18.5			50	25
18.03	18.09	18.05	18.5			50	50
18.03	18.00	18.01	18.5			100	0
18.08	18.03	18.00	18.5	64QAM		1	0
18.07	18.00	18.00	18.5			1	49
18.08	18.06	18.09	18.5			1	99
17.04	17.07	17.05	17.5			50	0
17.02	17.09	17.01	17.5			50	25
17.06	17.08	17.03	17.5			50	50
17.09	17.09	17.01	17.5			100	0
15.00	15.02	15.09	15.5	256QAM		1	0
15.05	15.09	15.01	15.5			1	49
15.00	15.07	15.05	15.5			1	99
15.05	15.00	15.03	15.5			50	0
15.03	15.05	15.02	15.5			50	25
15.09	15.10	15.06	15.5			50	50
15.04	15.10	15.05	15.5			100	0

LTE Band 40-low 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)				
20.03	20.03	20.05	20.5	QPSK	15MHz	1	0
20.09	20.01	20.06	20.5			1	49
20.06	20.08	20.07	20.5			1	99
19.01	19.01	19.08	19.5			50	0
19.08	19.08	19.05	19.5			50	25
19.03	19.04	19.07	19.5			50	50
19.00	19.03	19.03	19.5			100	0
19.07	19.01	19.03	19.5	16QAM		1	0
19.05	19.00	19.10	19.5			1	49
19.10	19.07	19.05	19.5			1	99
18.07	18.01	18.01	18.5			50	0
18.06	18.04	18.08	18.5			50	25
18.04	18.04	18.02	18.5			50	50
18.00	18.10	18.03	18.5			100	0
18.03	18.04	18.09	18.5	64QAM		1	0
18.01	18.03	18.07	18.5			1	49
18.05	18.01	18.00	18.5			1	99
17.08	17.06	17.01	17.5			50	0
17.02	17.01	17.08	17.5			50	25
17.07	17.08	17.09	17.5			50	50
17.02	17.09	17.03	17.5			100	0
15.03	15.00	15.00	15.5	256QAM		1	0
15.08	15.01	15.01	15.5			1	49
15.10	15.10	15.01	15.5			1	99
15.02	15.04	15.03	15.5			50	0
15.00	15.02	15.02	15.5			50	25
15.04	15.10	15.10	15.5			50	50
15.10	15.10	15.02	15.5			100	0

LTE Band 40-low 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)				
20.04	20.08	20.06	20.5	QPSK	10MHz	1	0
20.04	20.03	20.10	20.5			1	49
20.06	20.10	20.02	20.5			1	99
19.10	19.02	19.00	19.5			50	0
19.03	19.04	19.01	19.5			50	25
19.10	19.06	19.09	19.5			50	50
19.05	19.04	19.08	19.5			100	0
19.08	19.03	19.10	19.5	16QAM		1	0
19.02	19.04	19.04	19.5			1	49
19.05	19.04	19.02	19.5			1	99
18.08	18.09	18.06	18.5			50	0
18.06	18.10	18.03	18.5			50	25
18.03	18.10	18.01	18.5			50	50
18.08	18.04	18.09	18.5			100	0
18.02	18.00	18.03	18.5	64QAM		1	0
18.10	18.06	18.08	18.5			1	49
18.05	18.00	18.03	18.5			1	99
17.10	17.01	17.10	17.5			50	0
17.03	17.09	17.08	17.5			50	25
17.09	17.00	17.04	17.5			50	50
17.02	17.00	17.04	17.5			100	0
15.01	15.07	15.10	15.5	256QAM		1	0
15.00	15.08	15.01	15.5			1	49
15.05	15.10	15.00	15.5			1	99
15.00	15.03	15.05	15.5			50	0
15.07	15.03	15.03	15.5			50	25
15.02	15.06	15.08	15.5			50	50
15.03	15.01	15.02	15.5			100	0

LTE Band 40-low Ant 1							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
38675	39150	39625	Channel				
2302.5	2350	2397.5	Frequency (MHz)				
20.09	20.04	20.00	20.5	QPSK	5MHz	1	0
20.00	20.09	20.00	20.5			1	49
20.08	20.06	20.05	20.5			1	99
19.03	19.09	19.09	19.5			50	0
19.07	19.01	19.10	19.5			50	25
19.02	19.01	19.03	19.5			50	50
19.02	19.09	19.08	19.5			100	0
19.08	19.10	19.08	19.5	16QAM		1	0
19.05	19.01	19.09	19.5			1	49
19.02	19.04	19.10	19.5			1	99
18.05	18.04	18.10	18.5			50	0
18.01	18.07	18.09	18.5			50	25
18.05	18.09	18.01	18.5			50	50
18.06	18.00	18.07	18.5			100	0
18.05	18.09	18.05	18.5	64QAM		1	0
18.09	18.09	18.02	18.5			1	49
18.04	18.04	18.07	18.5			1	99
17.04	17.01	17.00	17.5			50	0
17.00	17.08	17.06	17.5			50	25
17.01	17.04	17.09	17.5			50	50
17.02	17.02	17.03	17.5			100	0
15.09	15.04	15.05	15.5	256QAM		1	0
15.04	15.09	15.02	15.5			1	49
15.07	15.02	15.08	15.5			1	99
15.08	15.01	15.02	15.5			50	0
15.08	15.08	15.08	15.5			50	25
15.09	15.09	15.07	15.5			50	50
15.10	15.01	15.04	15.5			100	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)				
20.35	20.26	20.36	20.27	20.27	20.5	QPSK	20MHz	1	0
20.20	20.30	20.14	20.33	20.34	20.5			1	49
20.22	20.23	20.16	20.21	20.21	20.5			1	99
19.18	19.10	19.21	19.18	19.13	19.5			50	0
19.15	19.10	19.16	19.11	19.12	19.5			50	25
19.19	19.17	19.15	19.10	19.10	19.5			50	50
19.11	19.15	19.20	19.12	19.14	19.5			100	0
19.11	19.20	19.10	19.20	19.17	19.5	16QAM		1	0
19.14	19.19	19.14	19.12	19.12	19.5			1	49
19.16	19.10	19.18	19.20	19.19	19.5			1	99
18.13	18.12	18.10	18.16	18.16	18.5			50	0
18.12	18.17	18.14	18.14	18.10	18.5			50	25
18.12	18.17	18.11	18.18	18.13	18.5			50	50
18.18	18.18	18.15	18.19	18.10	18.5			100	0
18.12	18.12	18.19	18.18	18.14	18.5	64QAM		1	0
18.13	18.16	18.12	18.13	18.14	18.5			1	49
18.15	18.11	18.19	18.17	18.14	18.5			1	99
17.17	17.10	17.14	17.16	17.18	17.5			50	0
17.19	17.20	17.17	17.15	17.20	17.5			50	25
17.16	17.19	17.11	17.15	17.13	17.5			50	50
17.11	17.11	17.11	17.10	17.11	17.5			100	0
15.14	15.19	15.11	15.11	15.20	15.5	256QAM		1	0
15.12	15.10	15.17	15.13	15.17	15.5			1	49
15.17	15.14	15.12	15.14	15.11	15.5			1	99
15.11	15.20	15.17	15.14	15.13	15.5			50	0
15.15	15.11	15.10	15.18	15.18	15.5			50	25
15.14	15.19	15.12	15.20	15.14	15.5			50	50
15.13	15.15	15.11	15.15	15.18	15.5			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)				
19.96	19.97	19.96	19.89	20.06	20.5	QPSK	15MHz	1	0
20.01	20.04	19.86	20.06	19.98	20.5			1	37
19.95	20.08	19.92	19.97	19.87	20.5			1	74
19.08	19.09	18.86	18.85	18.80	19.5			36	0
19.03	18.98	19.03	18.98	18.99	19.5			36	19
19.08	18.82	18.83	19.01	19.02	19.5			36	39
19.01	18.96	18.99	19.00	18.86	19.5			75	0
18.80	19.04	18.94	19.04	19.05	19.5	16QAM		1	0
18.90	18.94	19.03	18.89	18.92	19.5			1	37
18.93	18.80	19.05	18.82	19.05	19.5			1	74
17.93	17.94	18.09	18.01	17.83	18.5			36	0
18.04	18.01	18.07	17.91	18.04	18.5			36	19
18.01	17.88	17.83	17.85	18.08	18.5			36	39
17.87	17.85	17.90	18.09	17.83	18.5			75	0
17.89	18.03	17.92	17.84	17.81	18.5	64QAM		1	0
17.89	18.06	17.99	17.87	17.99	18.5			1	37
17.94	17.98	17.98	18.03	18.08	18.5			1	74
16.95	17.03	16.92	17.00	17.09	17.5			36	0
16.91	16.80	17.06	16.86	16.86	17.5			36	19
16.98	16.80	16.92	16.85	17.09	17.5			36	39
16.83	16.83	17.10	17.07	17.01	17.5			75	0
15.02	15.01	15.07	15.07	14.83	15.5	256QAM		1	0
15.09	14.93	14.93	14.97	14.96	15.5			1	37
15.06	15.10	14.85	15.06	14.81	15.5			1	74
14.80	15.10	14.90	15.03	14.89	15.5			36	0
14.92	14.99	14.95	14.88	15.01	15.5			36	19
15.03	14.90	15.06	15.01	15.06	15.5			36	39
14.94	14.95	15.08	14.85	14.99	15.5			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)				
19.84	20.00	19.81	20.09	20.09	20.5	QPSK	10MHz	1	0
19.93	19.92	20.08	19.81	19.92	20.5			1	24
19.91	20.09	20.03	19.84	19.92	20.5			1	49
18.88	19.09	18.80	19.05	19.08	19.5			25	0
18.95	18.82	18.95	18.87	18.84	19.5			25	12
19.08	18.87	19.10	19.00	19.02	19.5			25	25
18.86	19.03	18.89	19.10	19.10	19.5			50	0
18.99	19.10	19.01	18.90	18.80	19.5	16QAM		1	0
18.80	19.06	18.98	18.90	18.89	19.5			1	24
18.99	19.07	19.06	19.08	18.86	19.5			1	49
17.93	18.07	18.03	17.90	18.03	18.5			25	0
17.88	18.01	17.99	18.01	17.99	18.5			25	12
17.85	18.03	17.88	17.85	17.83	18.5			25	25
17.82	17.87	17.83	17.84	18.07	18.5			50	0
18.07	17.98	18.04	17.80	17.99	18.5	64QAM		1	0
17.95	17.89	17.89	18.00	17.83	18.5			1	24
17.97	17.80	17.88	18.06	18.08	18.5			1	49
16.82	16.98	16.87	17.01	16.91	17.5			25	0
16.91	16.96	17.02	16.95	17.01	17.5			25	12
16.95	16.88	17.03	16.99	17.08	17.5			25	25
16.82	16.81	16.99	17.08	17.05	17.5			50	0
15.02	14.86	15.00	14.89	15.03	15.5	256QAM		1	0
14.96	15.04	15.06	15.10	14.83	15.5			1	24
14.97	14.94	15.10	14.83	14.80	15.5			1	49
15.02	15.05	15.07	14.99	15.05	15.5			25	0
14.82	15.05	15.09	14.90	14.85	15.5			25	12
15.01	15.10	15.08	14.98	15.08	15.5			25	25
14.84	14.81	14.97	15.09	14.94	15.5			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)				
20.03	19.83	20.00	20.03	19.87	20.5	QPSK	5MHz	1	0
19.91	20.06	19.83	20.06	19.81	20.5			1	12
20.07	20.03	20.06	19.91	19.83	20.5			1	24
18.81	18.84	18.90	18.85	19.08	19.5			12	0
19.10	18.98	19.02	19.03	18.93	19.5			12	6
18.94	19.00	18.94	18.97	18.96	19.5			12	13
18.86	18.84	18.88	19.01	18.88	19.5			25	0
19.07	18.98	18.90	18.90	18.85	19.5	16QAM		1	0
18.99	18.90	18.92	19.07	19.07	19.5			1	12
19.07	19.00	18.86	18.92	18.85	19.5			1	24
17.98	18.08	17.95	17.86	18.09	18.5			12	0
17.90	17.96	18.03	17.91	18.04	18.5			12	6
18.04	18.01	18.04	18.09	17.98	18.5			12	13
18.03	17.97	18.01	17.89	18.03	18.5			25	0
18.03	17.88	18.06	17.83	17.96	18.5	64QAM		1	0
17.92	18.00	17.87	17.85	17.82	18.5			1	12
17.82	18.09	18.07	17.92	18.09	18.5			1	24
16.97	17.01	17.04	16.84	16.84	17.5			12	0
17.02	16.89	16.92	16.90	17.10	17.5			12	6
17.09	17.10	17.07	17.00	16.95	17.5			12	13
16.97	16.80	16.89	17.05	16.84	17.5			25	0
15.08	15.02	14.97	14.96	14.87	15.5	256QAM		1	0
15.03	14.96	14.85	14.88	14.96	15.5			1	12
14.92	14.94	14.86	15.09	14.99	15.5			1	24
14.91	14.96	14.97	14.82	15.07	15.5			12	0
14.84	15.08	14.97	14.96	14.83	15.5			12	6
14.82	14.99	14.99	14.82	14.86	15.5			12	13
14.99	14.99	14.80	14.95	14.93	15.5			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)				
23.08	23.24	23.20	23.5	QPSK	20MHz	1	0
22.95	22.97	22.92	23.5			1	49
23.15	23.08	23.21	23.5			1	99
22.01	22.30	21.99	22.5			50	0
21.97	22.26	22.15	22.5			50	25
22.12	21.92	22.29	22.5			50	50
22.03	22.06	22.12	22.5			100	0
21.99	22.08	22.02	22.5	16QAM		1	0
22.12	22.17	22.21	22.5			1	49
22.05	22.12	22.06	22.5			1	99
20.92	20.94	21.00	21.5			50	0
21.19	20.96	20.97	21.5			50	25
21.22	21.26	20.98	21.5			50	50
21.04	20.95	21.20	21.5			100	0
20.90	21.03	21.08	21.5	64QAM		1	0
21.30	21.02	20.96	21.5			1	49
21.08	21.05	21.13	21.5			1	99
19.96	19.90	20.18	20.5			50	0
19.94	20.14	20.18	20.5			50	25
20.05	20.28	20.13	20.5			50	50
19.91	20.19	20.04	20.5			100	0
17.95	18.12	18.00	18.5	256QAM		1	0
18.21	18.15	18.26	18.5			1	49
18.17	17.98	18.23	18.5			1	99
17.92	18.21	18.03	18.5			50	0
18.00	18.09	18.25	18.5			50	25
18.11	18.14	17.95	18.5			50	50
18.07	18.00	17.94	18.5			100	0

LTE Band 66 Ant 1							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
132047	132322	132597	Channel				
1717.5	1745	1772.5	Frequency (MHz)				
23.08	23.02	22.91	23.5	QPSK	15MHz	1	0
22.94	22.93	23.08	23.5			1	37
22.93	23.04	23.20	23.5			1	74
22.16	22.07	22.01	22.5			36	0
21.94	21.90	22.04	22.5			36	19
21.98	22.08	21.99	22.5			36	39
22.04	22.04	22.07	22.5			75	0
21.93	22.20	21.98	22.5	16QAM		1	0
21.95	22.10	22.05	22.5			1	37
22.00	22.06	22.08	22.5			1	74
21.11	21.20	21.15	21.5			36	0
20.95	21.13	20.94	21.5			36	19
20.99	20.92	21.09	21.5			36	39
20.95	21.01	21.09	21.5			75	0
21.01	21.14	21.13	21.5	64QAM		1	0
20.90	21.03	21.02	21.5			1	37
20.93	20.92	21.13	21.5			1	74
20.12	19.90	20.01	20.5			36	0
19.91	19.90	19.92	20.5			36	19
20.03	19.96	20.01	20.5			36	39
20.11	19.90	20.16	20.5			75	0
18.11	18.10	18.12	18.5	256QAM		1	0
17.99	18.02	18.15	18.5			1	37
17.92	17.98	17.94	18.5			1	74
18.09	18.09	18.17	18.5			36	0
18.02	17.99	18.00	18.5			36	19
18.16	17.97	17.90	18.5			36	39
18.08	18.02	18.08	18.5			75	0

LTE Band 66 Ant 1							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
132022	132322	132622	Channel				
1715	1745	1775	Frequency (MHz)				
23.08	22.96	23.09	23.5	QPSK	10MHz	1	0
22.98	22.92	23.14	23.5			1	24
22.99	23.10	23.00	23.5			1	49
22.10	22.17	22.16	22.5			25	0
22.01	21.94	22.07	22.5			25	12
22.09	21.98	22.04	22.5			25	25
22.06	22.20	21.96	22.5			50	0
22.19	22.04	21.96	22.5	16QAM		1	0
22.19	22.19	21.95	22.5			1	24
21.90	22.07	22.14	22.5			1	49
20.90	21.10	21.17	21.5			25	0
21.12	21.19	20.92	21.5			25	12
21.18	21.04	21.18	21.5			25	25
21.18	20.96	20.95	21.5			50	0
21.01	21.06	21.02	21.5	64QAM		1	0
20.98	21.03	21.16	21.5			1	24
21.15	21.10	20.91	21.5			1	49
20.14	20.19	20.19	20.5			25	0
20.19	19.98	20.20	20.5			25	12
19.90	20.01	20.05	20.5			25	25
20.15	19.93	20.15	20.5			50	0
17.93	18.18	18.15	18.5	256QAM		1	0
18.02	18.17	17.94	18.5			1	24
18.17	17.98	17.92	18.5			1	49
18.20	18.08	18.10	18.5			25	0
17.99	18.01	17.98	18.5			25	12
18.13	18.01	18.10	18.5			25	25
18.09	17.98	18.09	18.5			50	0

LTE Band 66 Ant 1							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
131997	132322	132647	Channel				
1712.5	1745	1777.5	Frequency (MHz)				
22.92	23.12	22.93	23.5	QPSK	5MHz	1	0
23.17	23.16	23.03	23.5			1	12
23.01	23.14	23.18	23.5			1	24
22.01	22.18	22.06	22.5			12	0
22.10	22.17	21.91	22.5			12	6
21.92	22.00	22.17	22.5			12	13
22.04	22.04	22.14	22.5			25	0
22.09	22.11	22.16	22.5	16QAM		1	0
22.16	21.92	21.92	22.5			1	12
21.94	22.13	22.07	22.5			1	24
20.94	20.96	21.19	21.5			12	0
21.05	21.19	20.94	21.5			12	6
21.18	20.99	21.12	21.5			12	13
21.09	20.99	21.17	21.5			25	0
21.10	20.95	21.00	21.5	64QAM		1	0
21.20	20.94	21.08	21.5			1	12
20.91	21.05	21.15	21.5			1	24
20.02	20.10	20.06	20.5			12	0
20.10	19.97	19.99	20.5			12	6
20.16	20.18	20.06	20.5			12	13
20.13	20.18	20.03	20.5			25	0
17.92	18.13	17.97	18.5	256QAM		1	0
18.08	18.10	18.13	18.5			1	12
18.03	17.90	17.99	18.5			1	24
17.99	17.91	17.99	18.5			12	0
17.91	18.12	18.10	18.5			12	6
18.19	18.10	18.10	18.5			12	13
18.15	17.94	18.07	18.5			25	0

LTE Band 66 Ant 1							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
131987	132322	132657	Channel				
1711.5	1745	1778.5	Frequency (MHz)				
23.06	22.96	23.18	23.5	QPSK	3MHz	1	0
22.99	22.99	23.06	23.5			1	7
23.12	22.99	22.98	23.5			1	14
22.11	22.00	22.12	22.5			8	0
21.90	21.94	21.95	22.5			8	3
22.17	22.03	21.90	22.5			8	7
22.10	22.00	22.04	22.5			15	0
22.07	21.99	21.97	22.5	16QAM		1	0
21.99	22.14	22.06	22.5			1	7
21.96	21.96	22.16	22.5			1	14
21.11	20.93	21.11	21.5			8	0
20.95	20.98	21.19	21.5			8	3
20.99	20.90	20.90	21.5			8	7
21.10	21.15	21.00	21.5			15	0
21.16	21.10	20.92	21.5	64QAM		1	0
21.04	21.02	20.96	21.5			1	7
21.01	21.00	20.98	21.5			1	14
19.95	20.03	20.15	20.5			8	0
20.10	20.14	20.19	20.5			8	3
20.06	20.16	19.90	20.5			8	7
20.20	20.04	20.13	20.5			15	0
17.98	18.14	18.16	18.5	256QAM		1	0
18.16	18.16	17.93	18.5			1	7
18.08	18.11	18.11	18.5			1	14
18.12	18.03	17.93	18.5			8	0
17.95	18.03	18.01	18.5			8	3
18.03	17.91	18.13	18.5			8	7
18.16	18.12	17.97	18.5			15	0

LTE Band 66 Ant 1							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
131979	132322	132665	Channel				
1710.7	1745	1779.3	Frequency (MHz)				
22.93	23.15	23.14	23.5	QPSK	1.4MHz	1	0
22.93	23.12	22.93	23.5			1	2
23.14	23.03	23.16	23.5			1	5
23.04	22.93	23.01	23.5			3	0
23.08	23.18	22.95	23.5			3	1
23.06	22.99	23.09	23.5			3	3
22.04	22.18	22.02	22.5			6	0
21.98	22.08	22.11	22.5	16QAM		1	0
21.93	22.16	22.01	22.5			1	2
22.08	21.99	22.05	22.5			1	5
21.93	21.94	22.01	22.5			3	0
22.01	22.10	21.92	22.5			3	1
22.08	21.90	22.01	22.5			3	3
21.08	21.01	21.13	21.5			6	0
21.06	21.09	21.00	21.5	64QAM		1	0
21.07	20.92	21.03	21.5			1	2
21.11	20.94	21.16	21.5			1	5
21.04	21.14	21.14	21.5			3	0
21.13	21.11	20.99	21.5			3	1
21.12	20.95	21.17	21.5			3	3
20.19	20.17	19.93	20.5			6	0
18.04	17.92	18.18	18.5	256QAM		1	0
17.93	17.90	18.07	18.5			1	2
18.09	18.04	18.19	18.5			1	5
17.92	17.91	17.98	18.5			3	0
18.03	17.97	18.10	18.5			3	1
18.00	17.93	18.16	18.5			3	3
17.98	18.20	18.07	18.5			6	0

LTE Band 71 Ant 1							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
133222	133322	133372	Channel				
673	683	688	Frequency (MHz)				
22.91	23.26	23.14	24	QPSK	20MHz	1	0
22.94	23.05	23.23	24			1	49
23.23	22.95	23.21	24			1	99
22.09	22.22	22.11	23			50	0
21.97	22.06	22.16	23			50	25
21.94	22.16	22.08	23			50	50
21.91	21.97	21.92	23			100	0
22.22	22.05	22.11	23	16QAM		1	0
21.91	22.08	22.09	23			1	49
22.18	22.06	21.96	23			1	99
21.26	21.13	21.15	22			50	0
21.20	21.03	21.29	22			50	25
21.05	21.29	21.18	22			50	50
21.03	21.01	20.93	22			100	0
21.01	20.97	20.97	22	64QAM		1	0
21.21	21.18	21.14	22			1	49
21.29	21.05	21.00	22			1	99
19.95	20.14	20.17	21			50	0
20.07	20.11	20.07	21			50	25
20.06	20.01	20.25	21			50	50
20.20	19.98	19.92	21			100	0
18.00	18.13	17.90	19	256QAM		1	0
17.98	18.05	18.16	19			1	49
18.19	18.24	18.08	19			1	99
17.97	18.20	18.30	19			50	0
18.14	18.23	17.98	19			50	25
17.94	17.90	18.27	19			50	50
18.03	17.94	18.07	19			100	0

LTE Band 71 Ant 1							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
133197	133297	133397	Channel				
670.5	680.5	690.5	Frequency (MHz)				
23.05	23.18	23.06	24	QPSK	15MHz	1	0
22.99	23.01	22.92	24			1	37
23.01	22.95	22.90	24			1	74
22.07	22.17	21.99	23			36	0
21.95	22.08	22.12	23			36	19
22.10	22.13	21.95	23			36	39
22.12	21.93	22.16	23			75	0
22.04	22.04	22.08	23	16QAM		1	0
22.05	21.93	22.04	23			1	37
22.18	22.17	22.09	23			1	74
21.06	20.92	21.09	22			36	0
21.09	21.19	21.15	22			36	19
20.94	21.12	21.15	22			36	39
21.11	21.08	21.18	22			75	0
20.98	21.19	21.17	22	64QAM		1	0
20.95	21.06	21.00	22			1	37
21.19	21.13	21.02	22			1	74
19.94	19.96	20.03	21			36	0
20.13	20.00	20.09	21			36	19
20.02	20.11	20.16	21			36	39
20.02	20.15	20.14	21			75	0
18.17	18.08	18.03	19	256QAM		1	0
17.93	18.13	18.18	19			1	37
17.97	18.06	18.20	19			1	74
18.19	18.02	18.10	19			36	0
18.04	18.13	17.98	19			36	19
18.05	17.98	18.01	19			36	39
17.97	18.18	18.01	19			75	0

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

LTE Band 71 Ant 1							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
133147	133247	133447	Channel				
665.5	675.5	695.5	Frequency (MHz)				
23.14	23.18	23.10	24	QPSK	5MHz	1	0
23.20	23.15	23.03	24			1	12
23.04	23.19	23.14	24			1	24
22.14	21.95	22.11	23			12	0
21.90	21.97	22.01	23			12	6
22.10	21.92	21.98	23			12	13
22.03	22.04	21.99	23			25	0
22.00	21.91	22.17	23	16QAM		1	0
22.00	21.92	22.01	23			1	12
22.14	22.11	22.08	23			1	24
20.93	21.01	21.04	22			12	0
21.07	20.93	21.14	22			12	6
21.01	21.05	20.92	22			12	13
21.12	20.96	20.90	22			25	0
20.96	21.13	21.06	22	64QAM		1	0
21.05	21.15	20.95	22			1	12
21.11	21.10	21.15	22			1	24
19.94	20.02	19.91	21			12	0
20.08	19.92	19.96	21			12	6
19.98	20.05	20.14	21			12	13
19.90	20.03	20.13	21			25	0
17.91	18.12	18.15	19	256QAM		1	0
18.17	18.06	18.03	19			1	12
18.12	18.17	18.11	19			1	24
18.04	18.03	18.04	19			12	0
18.03	18.20	18.02	19			12	6
17.95	18.19	17.90	19			12	13
18.12	18.13	18.10	19			25	0

LTE Band 2 Ant 2							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
18700	18900	19100	Channel				
1860	1880	1900	Frequency (MHz)				
21.26	21.38	21.31	21.5	QPSK	20MHz	1	0
21.16	21.24	21.34	21.5			1	49
21.13	21.19	21.24	21.5			1	99
20.18	20.20	20.14	20.5			50	0
20.13	20.18	20.11	20.5			50	25
20.10	20.19	20.17	20.5			50	50
20.12	20.18	20.15	20.5			100	0
20.13	20.13	20.10	20.5	16QAM		1	0
20.11	20.15	20.10	20.5			1	49
20.19	20.11	20.20	20.5			1	99
19.17	19.12	19.17	19.5			50	0
19.19	19.18	19.18	19.5			50	25
19.19	19.19	19.13	19.5			50	50
19.11	19.14	19.13	19.5			100	0
19.20	19.19	19.11	19.5	64QAM		1	0
19.18	19.19	19.11	19.5			1	49
19.11	19.11	19.13	19.5			1	99
18.15	18.15	18.18	18.5			50	0
18.15	18.14	18.12	18.5			50	25
18.16	18.14	18.18	18.5			50	50
18.19	18.15	18.15	18.5			100	0
16.17	16.18	16.11	16.5	256QAM		1	0
16.15	16.13	16.12	16.5			1	49
16.10	16.13	16.20	16.5			1	99
16.20	16.12	16.12	16.5			50	0
16.13	16.10	16.15	16.5			50	25
16.12	16.12	16.16	16.5			50	50
16.20	16.12	16.18	16.5			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)				
20.91	20.96	20.80	21.5	QPSK	15MHz	1	0
20.85	21.01	20.80	21.5			1	37
20.82	20.95	20.96	21.5			1	74
20.00	20.05	19.85	20.5			36	0
20.10	20.00	19.99	20.5			36	19
19.87	19.82	19.81	20.5			36	39
19.83	20.08	20.02	20.5			75	0
19.80	19.99	19.95	20.5	16QAM		1	0
20.08	19.83	19.98	20.5			1	37
19.95	20.06	19.86	20.5			1	74
18.90	19.08	18.95	19.5			36	0
18.83	19.00	18.98	19.5			36	19
19.03	18.88	18.97	19.5			36	39
18.85	18.95	19.06	19.5			75	0
18.80	19.04	18.92	19.5	64QAM		1	0
18.98	18.96	18.92	19.5			1	37
19.07	18.83	19.02	19.5			1	74
17.93	18.09	18.01	18.5			36	0
17.96	17.88	17.99	18.5			36	19
18.06	17.97	18.10	18.5			36	39
17.91	17.85	17.91	18.5			75	0
16.07	15.88	16.05	16.5	256QAM		1	0
15.83	16.04	15.89	16.5			1	37
15.81	15.86	15.94	16.5			1	74
15.86	15.90	15.95	16.5			36	0
15.89	15.94	15.86	16.5			36	19
15.88	15.98	15.83	16.5			36	39
15.81	15.92	16.09	16.5			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)				
20.98	20.96	20.96	21.5	QPSK	10MHz	1	0
20.96	20.82	21.08	21.5			1	24
20.89	20.96	20.86	21.5			1	49
19.81	19.85	19.81	20.5			25	0
20.09	19.82	19.84	20.5			25	12
20.04	20.10	19.94	20.5			25	25
19.89	19.80	19.94	20.5			50	0
19.82	19.83	19.96	20.5	16QAM		1	0
19.88	19.99	20.06	20.5			1	24
20.08	20.06	19.95	20.5			1	49
18.85	19.01	18.87	19.5			25	0
19.00	19.06	18.95	19.5			25	12
18.93	18.90	18.84	19.5			25	25
18.90	18.87	18.92	19.5			50	0
18.89	19.03	18.81	19.5	64QAM		1	0
19.05	18.86	18.89	19.5			1	24
18.87	19.00	18.89	19.5			1	49
17.93	18.06	17.86	18.5			25	0
17.89	17.86	17.89	18.5			25	12
18.04	17.87	17.90	18.5			25	25
17.93	17.95	18.08	18.5			50	0
16.07	15.80	16.04	16.5	256QAM		1	0
15.88	16.05	16.09	16.5			1	24
15.83	16.10	15.91	16.5			1	49
15.88	16.00	16.10	16.5			25	0
15.87	16.10	16.00	16.5			25	12
16.09	15.95	15.94	16.5			25	25
15.97	15.89	15.95	16.5			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)				
20.81	20.96	20.91	21.5	QPSK	5MHz	1	0
21.02	20.88	21.01	21.5			1	12
20.92	20.84	20.98	21.5			1	24
20.07	19.88	19.80	20.5			12	0
19.95	19.84	19.81	20.5			12	6
19.85	19.94	20.02	20.5			12	13
19.86	19.96	20.04	20.5			25	0
19.83	19.84	19.80	20.5	16QAM		1	0
19.82	20.09	19.88	20.5			1	12
19.99	20.06	19.89	20.5			1	24
19.04	18.86	19.05	19.5			12	0
18.96	18.82	18.98	19.5			12	6
19.00	18.91	18.98	19.5			12	13
19.02	18.84	18.94	19.5			25	0
19.04	19.02	18.85	19.5	64QAM		1	0
19.04	18.95	19.00	19.5			1	12
18.97	19.00	18.82	19.5			1	24
18.04	17.99	17.87	18.5			12	0
17.88	17.83	17.89	18.5			12	6
17.89	18.02	17.89	18.5			12	13
17.87	18.08	18.06	18.5			25	0
15.98	15.85	15.81	16.5	256QAM		1	0
15.94	16.07	16.06	16.5			1	12
15.94	15.94	16.07	16.5			1	24
15.92	16.03	15.82	16.5			12	0
16.01	15.98	15.90	16.5			12	6
15.95	16.00	15.99	16.5			12	13
15.88	16.01	15.99	16.5			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)				
20.80	21.03	20.83	21.5	QPSK	3MHz	1	0
20.94	20.98	20.91	21.5			1	7
21.09	21.02	20.94	21.5			1	14
19.88	19.88	19.86	20.5			8	0
19.92	19.91	19.84	20.5			8	3
20.02	19.95	19.88	20.5			8	7
19.87	20.06	20.10	20.5			15	0
19.83	20.09	19.83	20.5	16QAM		1	0
20.03	20.00	19.86	20.5			1	7
19.85	19.89	20.00	20.5			1	14
18.83	19.10	19.06	19.5			8	0
18.86	18.93	18.92	19.5			8	3
19.02	18.81	18.90	19.5			8	7
19.02	18.95	18.97	19.5			15	0
18.85	19.02	18.89	19.5	64QAM		1	0
19.07	19.05	18.86	19.5			1	7
18.90	18.90	18.99	19.5			1	14
17.95	17.82	17.83	18.5			8	0
17.84	18.01	17.83	18.5			8	3
18.01	18.09	17.86	18.5			8	7
18.06	18.06	18.09	18.5			15	0
16.04	15.86	15.93	16.5	256QAM		1	0
15.92	15.99	15.95	16.5			1	7
16.09	15.91	15.85	16.5			1	14
15.94	15.89	15.85	16.5			8	0
15.88	16.05	15.80	16.5			8	3
15.94	15.95	15.81	16.5			8	7
15.84	15.95	15.94	16.5			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)				
21.00	21.10	20.94	21.5	QPSK	1.4MHz	1	0
21.09	20.88	21.01	21.5			1	2
20.93	21.07	21.09	21.5			1	5
20.95	20.82	21.01	21.5			3	0
20.87	20.84	21.03	21.5			3	1
21.00	21.00	20.96	21.5			3	3
19.96	19.80	19.92	20.5			6	0
19.94	19.88	19.82	20.5	16QAM		1	0
19.94	20.01	19.89	20.5			1	2
19.88	20.09	19.89	20.5			1	5
19.97	19.85	19.83	20.5			3	0
19.83	20.02	19.97	20.5			3	1
19.92	19.88	19.88	20.5			3	3
18.81	19.10	19.00	19.5			6	0
18.83	18.94	18.88	19.5	64QAM		1	0
19.07	18.91	19.10	19.5			1	2
18.91	18.85	18.96	19.5			1	5
19.08	18.87	18.81	19.5			3	0
18.90	18.94	18.94	19.5			3	1
18.83	18.85	19.02	19.5			3	3
18.01	17.86	17.84	18.5			6	0
15.82	15.93	15.96	16.5	256QAM		1	0
16.07	15.98	16.07	16.5			1	2
16.07	16.10	15.94	16.5			1	5
15.85	15.99	15.87	16.5			3	0
15.91	16.01	15.93	16.5			3	1
15.93	15.82	16.08	16.5			3	3
16.04	16.00	15.96	16.5			6	0

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

LTE Band 4 Ant 2							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
20025	20175	20325	Channel				
1717.5	1732.5	1747.5	Frequency (MHz)				
23.26	23.36	23.34	23.5	QPSK	15MHz	1	0
23.17	23.23	23.10	23.5			1	37
23.20	23.18	23.16	23.5			1	74
22.16	22.18	22.10	22.5			36	0
22.11	22.13	22.08	22.5			36	19
22.14	22.17	22.04	22.5			36	39
22.16	22.17	22.12	22.5			75	0
22.16	22.11	22.16	22.5	16QAM		1	0
22.13	22.10	22.10	22.5			1	37
22.13	22.14	22.16	22.5			1	74
21.08	21.13	21.08	21.5			36	0
21.16	21.08	21.08	21.5			36	19
21.08	21.08	21.09	21.5			36	39
21.10	21.15	21.09	21.5			75	0
21.12	21.12	21.12	21.5	64QAM		1	0
21.17	21.10	21.11	21.5			1	37
21.08	21.10	21.13	21.5			1	74
20.13	20.13	20.15	20.5			36	0
20.13	20.17	20.11	20.5			36	19
20.11	20.14	20.13	20.5			36	39
20.08	20.18	20.08	20.5			75	0
18.10	18.14	18.13	18.5	256QAM		1	0
18.13	18.16	18.12	18.5			1	37
18.11	18.11	18.12	18.5			1	74
18.08	18.16	18.17	18.5			36	0
18.11	18.12	18.10	18.5			36	19
18.10	18.13	18.10	18.5			36	39
18.08	18.17	18.16	18.5			75	0

LTE Band 4 Ant 2							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
20000	20175	20350	Channel				
1715	1732.5	1750	Frequency (MHz)				
23.33	23.23	23.28	23.5	QPSK	10MHz	1	0
23.13	23.13	23.28	23.5			1	24
23.16	23.10	23.22	23.5			1	49
22.17	22.17	22.14	22.5			25	0
22.14	22.08	22.11	22.5			25	12
22.16	22.08	22.17	22.5			25	25
22.13	22.16	22.13	22.5			50	0
22.15	22.13	22.11	22.5	16QAM		1	0
22.12	22.17	22.08	22.5			1	24
22.11	22.16	22.11	22.5			1	49
21.11	21.13	21.11	21.5			25	0
21.08	21.17	21.15	21.5			25	12
21.12	21.08	21.16	21.5			25	25
21.14	21.16	21.14	21.5			50	0
21.11	21.11	21.16	21.5	64QAM		1	0
21.08	21.17	21.16	21.5			1	24
21.17	21.14	21.10	21.5			1	49
20.09	20.18	20.14	20.5			25	0
20.14	20.16	20.09	20.5			25	12
20.16	20.17	20.11	20.5			25	25
20.13	20.12	20.11	20.5			50	0
18.14	18.12	18.10	18.5	256QAM		1	0
18.13	18.11	18.11	18.5			1	24
18.13	18.11	18.11	18.5			1	49
18.18	18.11	18.14	18.5			25	0
18.16	18.09	18.18	18.5			25	12
18.11	18.14	18.17	18.5			25	25
18.08	18.16	18.08	18.5			50	0

LTE Band 4 Ant 2							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
19975	20175	20375	Channel				
1712.5	1732.5	1752.5	Frequency (MHz)				
23.26	23.31	23.26	23.5	QPSK	5MHz	1	0
23.32	23.12	23.32	23.5			1	12
23.09	23.09	23.24	23.5			1	24
22.09	22.09	22.10	22.5			12	0
22.17	22.10	22.13	22.5			12	6
22.13	22.10	22.09	22.5			12	13
22.10	22.15	22.15	22.5			25	0
22.11	22.15	22.10	22.5	16QAM		1	0
22.14	22.12	22.11	22.5			1	12
22.10	22.14	22.17	22.5			1	24
21.17	21.12	21.18	21.5			12	0
21.18	21.15	21.17	21.5			12	6
21.16	21.11	21.16	21.5			12	13
21.10	21.09	21.08	21.5			25	0
21.15	21.13	21.13	21.5	64QAM		1	0
21.12	21.18	21.09	21.5			1	12
21.08	21.08	21.09	21.5			1	24
20.11	20.15	20.11	20.5			12	0
20.12	20.18	20.14	20.5			12	6
20.13	20.09	20.17	20.5			12	13
20.13	20.09	20.11	20.5			25	0
18.12	18.08	18.10	18.5	256QAM		1	0
18.16	18.11	18.15	18.5			1	12
18.17	18.10	18.17	18.5			1	24
18.12	18.17	18.18	18.5			12	0
18.10	18.08	18.11	18.5			12	6
18.09	18.08	18.08	18.5			12	13
18.16	18.17	18.08	18.5			25	0

LTE Band 4 Ant 2							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
19965	20175	20385	Channel				
1711.5	1732.5	1753.5	Frequency (MHz)				
23.27	23.32	23.27	23.5	QPSK	3MHz	1	0
23.18	23.26	23.18	23.5			1	7
23.08	23.22	23.15	23.5			1	14
22.08	22.10	22.17	22.5			8	0
22.18	22.17	22.12	22.5			8	3
22.18	22.13	22.18	22.5			8	7
22.08	22.09	22.15	22.5			15	0
22.17	22.17	22.10	22.5	16QAM		1	0
22.14	22.08	22.17	22.5			1	7
22.10	22.12	22.11	22.5			1	14
21.12	21.13	21.09	21.5			8	0
21.14	21.08	21.16	21.5			8	3
21.12	21.10	21.14	21.5			8	7
21.18	21.15	21.15	21.5			15	0
21.15	21.12	21.11	21.5	64QAM		1	0
21.16	21.11	21.08	21.5			1	7
21.17	21.18	21.12	21.5			1	14
20.10	20.12	20.17	20.5			8	0
20.17	20.14	20.10	20.5			8	3
20.18	20.16	20.08	20.5			8	7
20.16	20.09	20.16	20.5			15	0
18.08	18.12	18.12	18.5	256QAM		1	0
18.15	18.17	18.09	18.5			1	7
18.15	18.12	18.18	18.5			1	14
18.18	18.09	18.12	18.5			8	0
18.18	18.14	18.13	18.5			8	3
18.10	18.14	18.08	18.5			8	7
18.10	18.18	18.14	18.5			15	0

LTE Band 4 Ant 2							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
19957	20175	20393	Channel				
1710.7	1732.5	1754.3	Frequency (MHz)				
23.25	23.25	23.32	23.5	QPSK	1.4MHz	1	0
23.12	23.30	23.32	23.5			1	2
23.18	23.25	23.27	23.5			1	5
23.09	23.18	23.15	23.5			3	0
23.12	23.14	23.10	23.5			3	1
23.12	23.18	23.17	23.5			3	3
22.09	22.18	22.15	22.5			6	0
22.16	22.14	22.14	22.5	16QAM		1	0
22.17	22.14	22.14	22.5			1	2
22.10	22.10	22.14	22.5			1	5
22.08	22.14	22.16	22.5			3	0
22.13	22.15	22.14	22.5			3	1
22.11	22.13	22.16	22.5			3	3
21.12	21.13	21.09	21.5			6	0
21.17	21.18	21.09	21.5	64QAM		1	0
21.15	21.13	21.18	21.5			1	2
21.14	21.10	21.16	21.5			1	5
21.11	21.15	21.14	21.5			3	0
21.18	21.13	21.18	21.5			3	1
21.11	21.10	21.12	21.5			3	3
20.09	20.16	20.18	20.5			6	0
18.18	18.17	18.13	18.5	256QAM		1	0
18.11	18.18	18.15	18.5			1	2
18.16	18.08	18.11	18.5			1	5
18.17	18.16	18.13	18.5			3	0
18.08	18.17	18.09	18.5			3	1
18.18	18.14	18.17	18.5			3	3
18.11	18.11	18.10	18.5			6	0

LTE Band 7 Ant 2							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
20850	21100	21350	Channel				
2510	2535	2560	Frequency (MHz)				
20.39	20.40	20.32	20.5	QPSK	20MHz	1	0
20.23	20.15	20.29	20.5			1	49
20.24	20.10	20.18	20.5			1	99
19.17	19.21	19.10	19.5			50	0
19.12	19.10	19.13	19.5			50	25
19.16	19.14	19.17	19.5			50	50
19.11	19.20	19.14	19.5			100	0
19.16	19.19	19.12	19.5	16QAM		1	0
19.10	19.12	19.20	19.5			1	49
19.10	19.12	19.11	19.5			1	99
18.16	18.10	18.11	18.5			50	0
18.10	18.16	18.12	18.5			50	25
18.14	18.14	18.14	18.5			50	50
18.19	18.11	18.16	18.5			100	0
18.12	18.20	18.13	18.5	64QAM		1	0
18.19	18.16	18.12	18.5			1	49
18.13	18.18	18.11	18.5			1	99
17.12	17.11	17.18	17.5			50	0
17.16	17.13	17.18	17.5			50	25
17.11	17.17	17.15	17.5			50	50
17.19	17.14	17.20	17.5			100	0
15.11	15.17	15.11	15.5	256QAM		1	0
15.13	15.19	15.15	15.5			1	49
15.12	15.17	15.16	15.5			1	99
15.10	15.15	15.13	15.5			50	0
15.14	15.20	15.16	15.5			50	25
15.13	15.19	15.19	15.5			50	50
15.19	15.12	15.14	15.5			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)				
19.95	19.85	19.92	20.5	QPSK	15MHz	1	0
19.94	19.80	20.00	20.5			1	37
20.08	19.81	19.94	20.5			1	74
18.83	19.03	19.08	19.5			36	0
19.09	18.97	18.92	19.5			36	19
19.04	19.09	18.86	19.5			36	39
18.94	18.84	19.06	19.5			75	0
18.86	18.85	18.94	19.5	16QAM		1	0
18.96	18.87	18.99	19.5			1	37
18.97	19.09	19.07	19.5			1	74
17.86	17.88	18.03	18.5			36	0
18.05	17.97	17.81	18.5			36	19
18.08	18.08	17.84	18.5			36	39
17.81	18.07	18.01	18.5			75	0
17.81	17.99	17.97	18.5	64QAM		1	0
18.00	17.91	17.88	18.5			1	37
18.10	18.06	17.99	18.5			1	74
17.06	17.08	16.83	17.5			36	0
16.95	17.10	17.06	17.5			36	19
17.09	16.96	17.05	17.5			36	39
17.06	17.09	16.94	17.5			75	0
15.05	14.92	14.80	15.5	256QAM		1	0
14.98	14.80	15.05	15.5			1	37
15.04	15.00	15.07	15.5			1	74
14.91	14.94	14.96	15.5			36	0
14.87	15.06	15.02	15.5			36	19
14.96	14.83	14.96	15.5			36	39
15.02	14.99	14.84	15.5			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)				
20.05	19.98	19.95	20.5	QPSK	10MHz	1	0
19.91	19.80	20.01	20.5			1	24
19.96	19.95	20.03	20.5			1	49
18.84	19.10	18.85	19.5			25	0
18.96	18.99	19.01	19.5			25	12
18.84	19.09	19.09	19.5			25	25
19.06	18.86	19.04	19.5			50	0
18.89	19.07	18.84	19.5	16QAM		1	0
19.09	18.91	18.89	19.5			1	24
18.97	18.94	18.98	19.5			1	49
18.00	17.99	17.90	18.5			25	0
17.90	17.83	17.85	18.5			25	12
18.02	17.85	17.81	18.5			25	25
17.86	17.97	17.95	18.5			50	0
17.81	18.01	18.10	18.5	64QAM		1	0
18.10	17.97	17.95	18.5			1	24
18.01	17.81	17.91	18.5			1	49
17.08	16.99	16.81	17.5			25	0
16.89	16.89	16.99	17.5			25	12
17.01	16.83	17.01	17.5			25	25
16.87	16.97	16.89	17.5			50	0
14.82	15.05	15.10	15.5	256QAM		1	0
14.82	14.88	14.83	15.5			1	24
14.90	14.91	15.03	15.5			1	49
14.97	14.85	15.03	15.5			25	0
14.98	14.92	14.98	15.5			25	12
15.02	14.91	14.93	15.5			25	25
14.96	15.04	15.09	15.5			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)				
20.04	19.83	20.03	20.5	QPSK	5MHz	1	0
20.04	19.87	20.02	20.5			1	12
19.83	19.96	20.02	20.5			1	24
18.99	18.90	19.08	19.5			12	0
19.01	19.06	18.84	19.5			12	6
19.02	19.02	18.86	19.5			12	13
18.86	19.07	18.91	19.5			25	0
18.98	18.85	18.89	19.5	16QAM		1	0
18.91	19.04	19.07	19.5			1	12
18.99	18.87	18.90	19.5			1	24
17.98	17.92	17.81	18.5			12	0
17.90	18.09	17.81	18.5			12	6
18.03	17.90	17.80	18.5			12	13
18.03	17.84	18.04	18.5			25	0
18.02	18.02	17.88	18.5	64QAM		1	0
18.05	18.08	17.98	18.5			1	12
18.03	17.96	17.92	18.5			1	24
17.05	16.82	16.85	17.5			12	0
17.03	16.95	16.97	17.5			12	6
16.94	16.82	17.06	17.5			12	13
16.87	16.82	17.10	17.5			25	0
14.88	14.97	14.89	15.5	256QAM		1	0
15.08	15.09	14.97	15.5			1	12
15.00	15.05	14.81	15.5			1	24
15.07	14.82	15.03	15.5			12	0
14.84	14.86	14.89	15.5			12	6
14.88	14.84	15.00	15.5			12	13
14.80	14.87	14.94	15.5			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)				
21.34	21.37	21.25	21.5	QPSK	20MHz	1	0
21.32	21.32	21.17	21.5			1	49
21.21	21.14	21.23	21.5			1	99
20.12	20.20	20.16	20.5			50	0
20.16	20.10	20.15	20.5			50	25
20.16	20.19	20.10	20.5			50	50
20.10	20.15	20.13	20.5			100	0
20.18	20.14	20.10	20.5	16QAM		1	0
20.14	20.15	20.17	20.5			1	49
20.14	20.15	20.15	20.5			1	99
19.20	19.14	19.20	19.5			50	0
19.15	19.18	19.13	19.5			50	25
19.13	19.10	19.19	19.5			50	50
19.20	19.12	19.10	19.5			100	0
19.20	19.15	19.19	19.5	64QAM		1	0
19.20	19.17	19.11	19.5			1	49
19.18	19.13	19.11	19.5			1	99
18.16	18.18	18.17	18.5			50	0
18.18	18.16	18.15	18.5			50	25
18.12	18.11	18.19	18.5			50	50
18.10	18.10	18.10	18.5			100	0
16.10	16.19	16.13	16.5	256QAM		1	0
16.20	16.17	16.13	16.5			1	49
16.20	16.10	16.10	16.5			1	99
16.15	16.16	16.16	16.5			50	0
16.14	16.19	16.15	16.5			50	25
16.11	16.14	16.14	16.5			50	50
16.10	16.12	16.11	16.5			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)				
21.06	20.91	21.08	21.5	QPSK	15MHz	1	0
20.84	21.04	20.90	21.5			1	37
20.84	20.87	20.86	21.5			1	74
20.02	19.99	19.89	20.5			36	0
20.02	20.00	19.87	20.5			36	19
19.96	20.05	19.82	20.5			36	39
20.05	19.92	19.88	20.5			75	0
20.02	20.10	20.01	20.5	16QAM		1	0
19.92	19.84	19.85	20.5			1	37
19.99	20.03	20.01	20.5			1	74
18.91	18.91	18.81	19.5			36	0
18.84	18.83	18.87	19.5			36	19
18.98	18.97	19.00	19.5			36	39
18.97	18.89	19.04	19.5			75	0
19.00	18.95	18.97	19.5	64QAM		1	0
18.96	18.82	19.08	19.5			1	37
19.04	18.85	18.84	19.5			1	74
17.85	17.89	18.05	18.5			36	0
17.98	18.00	18.03	18.5			36	19
17.93	18.10	18.09	18.5			36	39
17.84	17.90	18.08	18.5			75	0
16.06	15.90	15.93	16.5	256QAM		1	0
16.04	15.87	15.81	16.5			1	37
16.07	16.05	15.85	16.5			1	74
15.87	15.89	15.94	16.5			36	0
15.97	16.05	16.04	16.5			36	19
15.93	16.04	15.99	16.5			36	39
16.10	16.00	15.90	16.5			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)				
21.03	21.08	20.95	21.5	QPSK	10MHz	1	0
20.90	21.01	20.86	21.5			1	24
20.99	20.80	20.97	21.5			1	49
19.88	19.90	19.82	20.5			25	0
19.90	19.85	19.91	20.5			25	12
20.06	19.81	20.04	20.5			25	25
19.90	20.07	19.97	20.5			50	0
19.94	19.83	19.86	20.5	16QAM		1	0
20.01	19.89	19.86	20.5			1	24
19.95	20.01	19.89	20.5			1	49
18.88	19.06	18.92	19.5			25	0
18.81	18.96	19.05	19.5			25	12
18.88	18.92	18.96	19.5			25	25
18.88	18.98	18.92	19.5			50	0
19.02	18.86	19.04	19.5	64QAM		1	0
18.83	18.94	19.10	19.5			1	24
19.01	18.80	18.92	19.5			1	49
17.99	17.99	17.92	18.5			25	0
17.89	17.95	17.82	18.5			25	12
17.92	17.89	17.91	18.5			25	25
17.97	17.97	18.10	18.5			50	0
16.05	15.89	15.98	16.5	256QAM		1	0
15.99	15.85	16.01	16.5			1	24
16.05	15.87	15.83	16.5			1	49
16.09	16.10	16.08	16.5			25	0
15.84	16.01	16.01	16.5			25	12
16.08	16.00	16.10	16.5			25	25
15.83	16.01	15.90	16.5			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)				
21.05	20.87	20.92	21.5	QPSK	5MHz	1	0
21.08	20.82	20.95	21.5			1	12
20.82	21.00	21.01	21.5			1	24
19.82	19.81	20.01	20.5			12	0
19.83	19.99	20.10	20.5			12	6
19.80	20.07	19.98	20.5			12	13
19.92	19.96	20.09	20.5			25	0
19.97	19.97	19.92	20.5	16QAM		1	0
19.93	19.81	19.87	20.5			1	12
19.87	19.98	19.86	20.5			1	24
18.80	19.06	18.90	19.5			12	0
18.84	19.04	18.87	19.5			12	6
18.93	18.88	18.83	19.5			12	13
19.08	18.81	19.05	19.5			25	0
18.95	19.07	18.83	19.5	64QAM		1	0
19.00	18.87	18.98	19.5			1	12
19.09	18.92	18.81	19.5			1	24
18.05	17.93	17.95	18.5			12	0
17.90	17.96	17.96	18.5			12	6
17.95	17.90	18.01	18.5			12	13
18.10	17.94	17.84	18.5			25	0
15.96	16.09	15.88	16.5	256QAM		1	0
15.94	16.01	16.08	16.5			1	12
15.97	15.80	15.93	16.5			1	24
16.10	15.97	15.96	16.5			12	0
15.88	16.02	15.98	16.5			12	6
16.01	15.82	16.10	16.5			12	13
15.83	16.05	15.87	16.5			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)				
21.01	21.05	21.08	21.5	QPSK	3MHz	1	0
21.06	20.98	21.03	21.5			1	7
20.89	21.10	20.82	21.5			1	14
20.01	19.93	19.97	20.5			8	0
19.90	20.01	19.86	20.5			8	3
19.87	19.80	20.02	20.5			8	7
19.89	19.98	19.85	20.5			15	0
19.89	19.92	19.89	20.5	16QAM		1	0
19.88	20.05	19.85	20.5			1	7
19.81	20.04	20.00	20.5			1	14
18.94	18.96	18.95	19.5			8	0
18.97	18.86	18.89	19.5			8	3
18.98	19.10	18.87	19.5			8	7
18.87	18.97	18.84	19.5			15	0
18.86	18.85	19.08	19.5	64QAM		1	0
19.02	18.96	18.93	19.5			1	7
18.89	18.91	19.08	19.5			1	14
17.95	17.92	17.90	18.5			8	0
18.10	17.91	18.07	18.5			8	3
18.06	17.99	17.91	18.5			8	7
18.09	17.81	17.98	18.5			15	0
15.95	15.82	15.80	16.5	256QAM		1	0
15.83	15.82	15.93	16.5			1	7
16.03	15.91	16.08	16.5			1	14
16.04	15.99	16.07	16.5			8	0
16.03	15.82	16.03	16.5			8	3
15.98	15.80	16.06	16.5			8	7
16.00	16.09	16.10	16.5			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)				
21.05	21.10	20.93	21.5	QPSK	1.4MHz	1	0
20.97	20.98	20.81	21.5			1	2
21.10	21.10	20.84	21.5			1	5
21.00	21.00	20.80	21.5			3	0
21.08	20.94	20.89	21.5			3	1
20.88	20.84	21.03	21.5			3	3
19.96	20.02	19.98	20.5			6	0
20.05	19.90	19.89	20.5	16QAM		1	0
19.99	19.99	20.04	20.5			1	2
19.94	19.96	20.01	20.5			1	5
19.99	20.07	19.92	20.5			3	0
20.10	19.98	19.81	20.5			3	1
20.04	19.82	19.86	20.5			3	3
18.86	18.85	18.86	19.5			6	0
18.94	18.80	18.88	19.5	64QAM		1	0
19.03	19.07	18.87	19.5			1	2
19.08	19.00	18.88	19.5			1	5
19.01	19.08	18.94	19.5			3	0
18.84	19.01	19.00	19.5			3	1
18.90	18.82	18.99	19.5			3	3
17.87	18.02	17.80	18.5			6	0
16.02	15.93	15.91	16.5	256QAM		1	0
15.96	16.09	15.87	16.5			1	2
16.05	15.88	15.90	16.5			1	5
15.92	15.83	15.84	16.5			3	0
16.10	15.96	15.92	16.5			3	1
15.89	15.80	16.05	16.5			3	3
15.86	15.87	16.02	16.5			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)				
20.35		20.5	QPSK	10MHz	1	0
20.30		20.5			1	24
20.18		20.5			1	49
19.17		19.5			25	0
19.10		19.5			25	12
19.15		19.5			25	25
19.14		19.5			50	0
19.19		19.5	16QAM		1	0
19.19		19.5			1	24
19.15		19.5			1	49
18.20		18.5			25	0
18.10		18.5			25	12
18.15		18.5			25	25
18.11		18.5			50	0
18.20		18.5	64QAM		1	0
18.18		18.5			1	24
18.10		18.5			1	49
17.18		17.5			25	0
17.20		17.5			25	12
17.13		17.5			25	25
17.12		17.5			50	0
15.11		15.5	256QAM		1	0
15.15		15.5			1	24
15.20		15.5			1	49
15.20		15.5			25	0
15.13		15.5			25	12
15.20		15.5			25	25
15.19		15.5			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)				
20.02	19.82	20.01	20.5	QPSK	5MHz	1	0
20.09	20.10	20.01	20.5			1	12
19.88	20.01	19.92	20.5			1	24
18.80	19.07	19.00	19.5			12	0
19.05	19.07	19.09	19.5			12	6
18.93	18.80	19.06	19.5			12	13
19.00	18.94	19.04	19.5			25	0
19.04	18.92	18.98	19.5	16QAM		1	0
19.03	18.88	18.97	19.5			1	12
19.03	18.83	19.08	19.5			1	24
17.80	17.80	18.04	18.5			12	0
17.85	18.00	18.08	18.5			12	6
17.94	17.92	17.97	18.5			12	13
18.02	17.91	17.82	18.5			25	0
18.08	17.91	17.84	18.5	64QAM		1	0
17.88	18.08	17.84	18.5			1	12
17.90	17.86	17.88	18.5			1	24
17.06	17.04	16.84	17.5			12	0
17.04	16.85	17.03	17.5			12	6
17.02	16.97	17.04	17.5			12	13
17.05	16.82	16.87	17.5			25	0
14.81	14.95	14.95	15.5	256QAM		1	0
14.90	15.10	14.82	15.5			1	12
14.99	14.98	14.96	15.5			1	24
15.05	14.82	14.90	15.5			12	0
14.95	14.91	14.91	15.5			12	6
15.08	14.90	14.82	15.5			12	13
14.85	15.03	15.03	15.5			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)				
22.26	22.36	22.26	22.5	QPSK	20MHz	1	0
22.30	22.21	22.18	22.5			1	49
22.14	22.12	22.14	22.5			1	99
21.14	21.20	21.17	21.5			50	0
21.12	21.17	21.14	21.5			50	25
21.16	21.19	21.20	21.5			50	50
21.11	21.15	21.10	21.5			100	0
21.16	21.17	21.16	21.5	16QAM		1	0
21.19	21.13	21.11	21.5			1	49
21.20	21.11	21.19	21.5			1	99
20.19	20.16	20.14	20.5			50	0
20.16	20.17	20.20	20.5			50	25
20.11	20.18	20.18	20.5			50	50
20.16	20.12	20.14	20.5			100	0
20.12	20.12	20.12	20.5	64QAM		1	0
20.12	20.16	20.19	20.5			1	49
20.18	20.20	20.12	20.5			1	99
19.15	19.13	19.17	19.5			50	0
19.20	19.15	19.17	19.5			50	25
19.17	19.19	19.12	19.5			50	50
19.14	19.10	19.12	19.5			100	0
17.20	17.11	17.17	17.5	256QAM		1	0
17.14	17.11	17.12	17.5			1	49
17.16	17.13	17.13	17.5			1	99
17.16	17.19	17.20	17.5			50	0
17.12	17.16	17.17	17.5			50	25
17.15	17.20	17.19	17.5			50	50
17.18	17.17	17.10	17.5			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)				
22.01	21.92	21.97	22.5	QPSK	15MHz	1	0
21.94	22.10	21.84	22.5			1	37
22.02	21.93	21.81	22.5			1	74
20.93	20.84	21.05	21.5			36	0
20.87	21.09	21.01	21.5			36	19
20.81	20.86	20.92	21.5			36	39
20.84	20.92	21.02	21.5			75	0
20.90	20.98	20.85	21.5	16QAM		1	0
20.93	21.03	20.80	21.5			1	37
20.81	20.90	20.95	21.5			1	74
20.03	20.09	19.81	20.5			36	0
19.91	20.00	19.91	20.5			36	19
20.01	20.09	19.81	20.5			36	39
19.82	20.05	19.82	20.5			75	0
19.87	19.92	20.04	20.5	64QAM		1	0
20.02	19.84	19.93	20.5			1	37
20.07	20.01	19.95	20.5			1	74
18.95	19.05	19.03	19.5			36	0
19.01	18.92	18.85	19.5			36	19
19.07	19.01	19.08	19.5			36	39
19.00	18.94	18.99	19.5			75	0
16.97	17.05	16.87	17.5	256QAM		1	0
16.93	16.81	17.07	17.5			1	37
16.85	17.08	16.97	17.5			1	74
16.88	16.94	16.89	17.5			36	0
16.94	17.00	16.96	17.5			36	19
17.07	16.97	16.82	17.5			36	39
16.87	17.00	16.82	17.5			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)				
22.09	22.01	21.97	22.5	QPSK	10MHz	1	0
21.98	21.89	22.01	22.5			1	24
21.86	22.01	22.05	22.5			1	49
21.06	20.85	21.06	21.5			25	0
21.06	20.80	20.88	21.5			25	12
20.94	21.00	20.84	21.5			25	25
21.07	21.04	21.08	21.5			50	0
20.83	21.03	21.01	21.5	16QAM		1	0
20.97	20.86	20.93	21.5			1	24
20.86	20.96	21.04	21.5			1	49
19.89	19.80	19.84	20.5			25	0
19.86	19.87	19.92	20.5			25	12
19.94	19.92	19.87	20.5			25	25
19.89	19.98	19.90	20.5			50	0
20.06	19.80	20.10	20.5	64QAM		1	0
19.84	20.03	19.95	20.5			1	24
19.83	20.03	19.91	20.5			1	49
18.89	18.91	19.10	19.5			25	0
18.89	19.04	19.07	19.5			25	12
18.91	19.03	19.02	19.5			25	25
18.84	19.03	19.10	19.5			50	0
16.93	16.90	17.10	17.5	256QAM		1	0
16.83	16.90	16.97	17.5			1	24
17.03	17.06	16.80	17.5			1	49
16.86	16.80	16.94	17.5			25	0
16.99	16.96	16.90	17.5			25	12
16.97	16.96	17.06	17.5			25	25
17.02	17.05	16.86	17.5			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)				
21.80	22.06	21.92	22.5	QPSK	5MHz	1	0
21.98	21.99	22.04	22.5			1	12
21.87	21.86	22.03	22.5			1	24
20.99	20.89	20.89	21.5			12	0
21.02	21.08	21.05	21.5			12	6
20.86	21.02	21.10	21.5			12	13
21.06	20.86	20.98	21.5			25	0
21.08	20.87	21.05	21.5	16QAM		1	0
21.06	21.07	21.01	21.5			1	12
20.99	20.86	20.88	21.5			1	24
19.96	19.83	19.82	20.5			12	0
19.97	19.86	20.06	20.5			12	6
19.98	19.83	19.80	20.5			12	13
20.10	19.92	20.08	20.5			25	0
20.02	19.81	19.81	20.5	64QAM		1	0
19.89	19.80	19.88	20.5			1	12
19.86	20.04	20.08	20.5			1	24
18.81	19.08	19.10	19.5			12	0
19.09	18.93	18.89	19.5			12	6
19.09	19.00	18.91	19.5			12	13
18.82	18.96	18.88	19.5			25	0
17.10	16.80	16.89	17.5	256QAM		1	0
16.92	16.91	16.80	17.5			1	12
16.96	17.00	17.05	17.5			1	24
16.89	16.88	16.80	17.5			12	0
17.06	16.92	16.87	17.5			12	6
16.95	16.80	16.97	17.5			12	13
16.96	17.07	16.94	17.5			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)				
22.37	22.03	22.10	22.5	QPSK	20MHz	1	0
22.10	22.10	22.10	22.5			1	49
22.06	22.04	22.05	22.5			1	99
21.18	21.00	21.10	21.5			50	0
21.04	21.09	21.04	21.5			50	25
21.05	21.06	21.08	21.5			50	50
21.08	21.07	21.03	21.5			100	0
21.00	21.07	21.10	21.5	16QAM		1	0
21.10	21.00	21.05	21.5			1	49
21.06	21.09	21.03	21.5			1	99
20.06	20.07	20.03	20.5			50	0
20.01	20.01	20.03	20.5			50	25
20.08	20.02	20.08	20.5			50	50
20.04	20.02	20.01	20.5			100	0
20.03	20.07	20.03	20.5	64QAM		1	0
20.05	20.07	20.07	20.5			1	49
20.07	20.08	20.09	20.5			1	99
19.02	19.03	19.02	19.5			50	0
19.04	19.06	19.05	19.5			50	25
19.05	19.06	19.02	19.5			50	50
19.07	19.07	19.07	19.5			100	0
17.10	17.04	17.07	17.5	256QAM		1	0
17.04	17.03	17.06	17.5			1	49
17.01	17.04	17.06	17.5			1	99
17.03	17.07	17.10	17.5			50	0
17.09	17.06	17.07	17.5			50	25
17.08	17.06	17.00	17.5			50	50
17.05	17.09	17.09	17.5			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)				
22.10	22.04	22.02	22.5	QPSK	15MHz	1	0
22.05	22.02	22.01	22.5			1	49
22.01	22.00	22.08	22.5			1	99
21.07	21.04	21.00	21.5			50	0
21.08	21.04	21.10	21.5			50	25
21.09	21.03	21.00	21.5			50	50
21.00	21.10	21.02	21.5			100	0
21.01	21.04	21.08	21.5	16QAM		1	0
21.04	21.08	21.04	21.5			1	49
21.06	21.06	21.06	21.5			1	99
20.04	20.00	20.03	20.5			50	0
20.10	20.03	20.07	20.5			50	25
20.10	20.04	20.00	20.5			50	50
20.05	20.04	20.08	20.5			100	0
20.00	20.07	20.02	20.5	64QAM		1	0
20.04	20.09	20.04	20.5			1	49
20.06	20.09	20.05	20.5			1	99
19.10	19.01	19.07	19.5			50	0
19.10	19.03	19.05	19.5			50	25
19.01	19.08	19.07	19.5			50	50
19.08	19.01	19.00	19.5			100	0
17.08	17.07	17.00	17.5	256QAM		1	0
17.03	17.09	17.03	17.5			1	49
17.00	17.08	17.02	17.5			1	99
17.00	17.00	17.00	17.5			50	0
17.05	17.08	17.05	17.5			50	25
17.06	17.04	17.07	17.5			50	50
17.07	17.01	17.09	17.5			100	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)				
22.04	22.06	22.03	22.5	QPSK	10MHz	1	0
22.02	22.07	22.08	22.5			1	49
22.10	22.07	22.02	22.5			1	99
21.09	21.06	21.05	21.5			50	0
21.00	21.03	21.07	21.5			50	25
21.00	21.01	21.03	21.5			50	50
21.06	21.04	21.06	21.5			100	0
21.03	21.03	21.10	21.5	16QAM		1	0
21.04	21.05	21.09	21.5			1	49
21.03	21.04	21.09	21.5			1	99
20.02	20.09	20.06	20.5			50	0
20.01	20.05	20.04	20.5			50	25
20.08	20.06	20.01	20.5			50	50
20.10	20.00	20.06	20.5			100	0
20.03	20.06	20.03	20.5	64QAM		1	0
20.05	20.08	20.10	20.5			1	49
20.05	20.04	20.10	20.5			1	99
19.08	19.06	19.08	19.5			50	0
19.09	19.08	19.10	19.5			50	25
19.05	19.10	19.04	19.5			50	50
19.06	19.08	19.05	19.5			100	0
17.09	17.05	17.04	17.5	256QAM		1	0
17.03	17.01	17.08	17.5			1	49
17.01	17.07	17.09	17.5			1	99
17.00	17.02	17.02	17.5			50	0
17.07	17.06	17.04	17.5			50	25
17.04	17.02	17.00	17.5			50	50
17.02	17.04	17.05	17.5			100	0

LTE Band 40 Ant 2							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
38675	39150	39625	Channel				
2302.5	2350	2397.5	Frequency (MHz)				
22.05	22.03	22.00	22.5	QPSK	5MHz	1	0
22.06	22.00	22.03	22.5			1	49
22.08	22.04	22.04	22.5			1	99
21.00	21.05	21.08	21.5			50	0
21.08	21.09	21.01	21.5			50	25
21.04	21.10	21.06	21.5			50	50
21.06	21.04	21.07	21.5			100	0
21.05	21.09	21.03	21.5	16QAM		1	0
21.05	21.05	21.04	21.5			1	49
21.07	21.09	21.08	21.5			1	99
20.01	20.05	20.04	20.5			50	0
20.00	20.00	20.02	20.5			50	25
20.01	20.02	20.01	20.5			50	50
20.04	20.05	20.06	20.5			100	0
20.00	20.02	20.10	20.5	64QAM		1	0
20.10	20.01	20.07	20.5			1	49
20.01	20.02	20.04	20.5			1	99
19.10	19.05	19.01	19.5			50	0
19.07	19.05	19.01	19.5			50	25
19.08	19.06	19.06	19.5			50	50
19.06	19.04	19.06	19.5			100	0
17.02	17.05	17.08	17.5	256QAM		1	0
17.09	17.05	17.02	17.5			1	49
17.04	17.00	17.09	17.5			1	99
17.06	17.08	17.06	17.5			50	0
17.03	17.07	17.03	17.5			50	25
17.08	17.04	17.04	17.5			50	50
17.04	17.02	17.04	17.5			100	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)				
22.35	22.32	22.38	22.26	22.31	22.5	QPSK	20MHz	1	0
22.21	22.31	22.35	22.16	22.27	22.5			1	49
22.18	22.11	22.22	22.12	22.22	22.5			1	99
21.15	21.17	21.23	21.20	21.10	21.5			50	0
21.19	21.11	21.12	21.15	21.17	21.5			50	25
21.15	21.11	21.15	21.14	21.20	21.5			50	50
21.13	21.17	21.20	21.18	21.14	21.5			100	0
21.17	21.17	21.18	21.13	21.18	21.5	16QAM		1	0
21.15	21.14	21.16	21.14	21.18	21.5			1	49
21.11	21.17	21.17	21.10	21.19	21.5			1	99
20.14	20.14	20.20	20.11	20.18	20.5			50	0
20.15	20.15	20.13	20.18	20.17	20.5			50	25
20.11	20.13	20.20	20.18	20.16	20.5			50	50
20.19	20.12	20.12	20.17	20.17	20.5			100	0
20.19	20.20	20.14	20.15	20.16	20.5	64QAM		1	0
20.14	20.18	20.17	20.16	20.15	20.5			1	49
20.16	20.12	20.16	20.15	20.12	20.5			1	99
19.13	19.12	19.19	19.16	19.15	19.5			50	0
19.14	19.13	19.15	19.10	19.10	19.5			50	25
19.13	19.12	19.14	19.20	19.19	19.5			50	50
19.17	19.19	19.18	19.12	19.15	19.5			100	0
17.14	17.16	17.19	17.16	17.18	17.5	256QAM		1	0
17.15	17.14	17.12	17.17	17.17	17.5			1	49
17.13	17.15	17.14	17.18	17.10	17.5			1	99
17.12	17.20	17.12	17.13	17.16	17.5			50	0
17.15	17.12	17.10	17.17	17.12	17.5			50	25
17.20	17.19	17.15	17.17	17.14	17.5			50	50
17.19	17.13	17.11	17.19	17.13	17.5			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)				
21.83	21.86	21.85	21.95	21.84	22.5	QPSK	15MHz	1	0
21.82	22.04	21.81	21.80	22.02	22.5			1	37
21.89	21.87	21.81	22.01	21.80	22.5			1	74
21.07	21.05	20.84	20.87	20.90	21.5			36	0
21.03	21.02	21.10	20.90	21.08	21.5			36	19
20.95	20.84	21.10	20.87	20.96	21.5			36	39
21.01	20.89	20.83	20.96	20.83	21.5			75	0
20.88	20.81	20.85	20.87	20.90	21.5	16QAM		1	0
21.03	20.90	20.92	21.03	21.02	21.5			1	37
20.81	20.81	20.81	20.98	21.09	21.5			1	74
20.02	20.06	19.82	20.09	19.96	20.5			36	0
20.04	19.84	19.86	19.92	19.80	20.5			36	19
20.08	20.04	20.04	20.09	20.05	20.5			36	39
19.84	20.01	19.98	19.86	19.89	20.5			75	0
20.04	19.80	20.02	19.87	19.89	20.5	64QAM		1	0
20.06	20.06	19.91	20.01	19.88	20.5			1	37
19.85	20.10	20.07	20.08	20.03	20.5			1	74
18.96	18.84	19.09	19.04	19.00	19.5			36	0
18.94	19.04	18.98	18.91	19.04	19.5			36	19
18.87	19.08	18.91	18.95	19.01	19.5			36	39
18.92	19.10	18.93	18.89	18.81	19.5			75	0
16.88	16.95	16.91	17.03	17.08	17.5	256QAM		1	0
16.85	16.83	17.07	17.09	16.83	17.5			1	37
17.09	16.97	17.08	16.95	16.95	17.5			1	74
17.04	16.97	16.80	16.94	16.80	17.5			36	0
16.99	16.88	17.08	16.97	16.91	17.5			36	19
16.86	16.84	17.09	16.85	16.95	17.5			36	39
16.87	17.09	16.88	17.03	17.04	17.5			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)				
22.10	21.94	21.96	22.04	21.94	22.5	QPSK	10MHz	1	0
22.07	22.04	22.02	21.89	21.91	22.5			1	24
21.97	21.99	21.91	21.87	22.01	22.5			1	49
20.86	20.96	21.02	21.09	20.99	21.5			25	0
20.83	20.84	21.06	20.89	21.05	21.5			25	12
20.97	20.82	20.96	20.87	20.99	21.5			25	25
20.98	20.89	21.08	21.00	20.99	21.5			50	0
20.94	20.91	20.84	20.94	20.84	21.5	16QAM		1	0
20.98	20.82	20.84	21.10	20.84	21.5			1	24
20.97	20.98	21.04	21.08	20.97	21.5			1	49
20.02	19.84	20.01	19.85	19.93	20.5			25	0
20.03	19.87	20.05	19.92	19.90	20.5			25	12
20.03	19.90	19.93	20.01	19.88	20.5			25	25
19.87	19.82	19.80	19.85	19.81	20.5			50	0
19.95	19.96	19.89	19.85	20.00	20.5	64QAM		1	0
19.85	19.83	19.81	20.08	19.93	20.5			1	24
20.07	19.88	20.00	20.01	19.99	20.5			1	49
18.86	18.86	18.94	19.09	19.06	19.5			25	0
18.90	18.87	19.07	18.99	18.84	19.5			25	12
18.99	18.91	19.07	18.94	18.88	19.5			25	25
18.93	18.93	19.06	19.08	19.03	19.5			50	0
17.06	16.89	16.98	16.94	16.93	17.5	256QAM		1	0
16.80	17.06	16.97	17.03	16.85	17.5			1	24
16.83	16.80	16.85	16.83	17.07	17.5			1	49
16.83	17.05	17.03	16.91	16.85	17.5			25	0
16.82	17.03	16.96	16.82	16.85	17.5			25	12
17.10	16.97	16.97	16.90	16.91	17.5			25	25
16.81	16.94	17.02	17.08	16.80	17.5			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)				
21.86	21.84	21.92	22.02	21.92	22.5	QPSK	5MHz	1	0
21.94	21.95	21.83	21.91	21.96	22.5			1	12
22.09	21.96	21.84	21.96	21.88	22.5			1	24
20.85	21.01	20.90	20.92	21.08	21.5			12	0
20.81	21.00	20.94	20.93	20.92	21.5			12	6
20.94	20.89	20.99	20.87	20.86	21.5			12	13
21.10	20.80	20.99	20.80	20.88	21.5			25	0
20.87	20.95	20.88	20.93	20.97	21.5	16QAM		1	0
20.99	20.88	21.00	21.06	20.81	21.5			1	12
21.07	20.97	20.98	20.97	21.08	21.5			1	24
19.91	19.98	19.82	19.94	19.82	20.5			12	0
19.90	19.84	20.02	19.93	19.87	20.5			12	6
19.90	19.99	19.91	19.97	20.01	20.5			12	13
19.98	19.80	20.09	19.81	20.03	20.5			25	0
19.87	20.04	20.08	19.99	20.05	20.5	64QAM		1	0
19.95	19.96	19.97	19.96	19.87	20.5			1	12
19.82	20.06	19.99	20.05	20.05	20.5			1	24
18.93	19.09	18.92	19.02	19.01	19.5			12	0
19.07	18.92	18.86	18.98	19.00	19.5			12	6
19.08	19.05	18.84	18.92	18.89	19.5			12	13
19.10	18.87	18.91	18.86	18.96	19.5			25	0
17.06	17.05	16.84	16.92	16.98	17.5	256QAM		1	0
16.89	17.08	17.05	16.87	16.83	17.5			1	12
17.08	16.83	17.00	17.03	16.80	17.5			1	24
16.89	17.04	16.92	17.00	17.03	17.5			12	0
16.96	16.84	16.97	16.93	16.94	17.5			12	6
16.87	16.91	16.85	16.90	16.85	17.5			12	13
16.95	16.88	17.06	17.04	17.08	17.5			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)				
23.18	23.29	23.24	23.5	QPSK	20MHz	1	0
23.22	23.24	23.26	23.5			1	49
23.26	23.21	23.17	23.5			1	99
22.15	22.25	22.14	22.5			50	0
22.19	22.10	22.14	22.5			50	25
22.11	22.18	22.20	22.5			50	50
22.15	22.21	22.18	22.5			100	0
22.17	22.17	22.12	22.5	16QAM		1	0
22.19	22.20	22.19	22.5			1	49
22.13	22.20	22.15	22.5			1	99
21.15	21.18	21.10	21.5			50	0
21.20	21.12	21.15	21.5			50	25
21.13	21.20	21.14	21.5			50	50
21.10	21.20	21.13	21.5			100	0
21.20	21.13	21.10	21.5	64QAM		1	0
21.17	21.12	21.17	21.5			1	49
21.16	21.14	21.15	21.5			1	99
20.13	20.16	20.13	20.5			50	0
20.10	20.13	20.18	20.5			50	25
20.12	20.19	20.16	20.5			50	50
20.14	20.16	20.19	20.5			100	0
18.13	18.13	18.20	18.5	256QAM		1	0
18.16	18.10	18.10	18.5			1	49
18.15	18.11	18.20	18.5			1	99
18.18	18.14	18.11	18.5			50	0
18.20	18.17	18.17	18.5			50	25
18.12	18.15	18.16	18.5			50	50
18.20	18.20	18.16	18.5			100	0

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

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

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

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

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

LTE Band 2 Ant 3							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
18700	18900	19100	Channel				
1860	1880	1900	Frequency (MHz)				
23.08	23.16	23.15	23.5	QPSK	20MHz	1	0
22.99	22.90	22.90	23.5			1	49
22.93	22.96	22.97	23.5			1	99
21.92	22.02	21.94	22.5			50	0
21.98	22.00	21.98	22.5			50	25
21.91	21.95	21.95	22.5			50	50
21.92	21.97	21.92	22.5			100	0
22.13	22.19	22.11	22.5	16QAM		1	0
22.12	22.18	22.12	22.5			1	49
22.11	22.17	22.12	22.5			1	99
21.17	21.10	21.12	21.5			50	0
21.19	21.12	21.20	21.5			50	25
21.12	21.11	21.18	21.5			50	50
21.13	21.19	21.19	21.5			100	0
21.12	21.18	21.10	21.5	64QAM		1	0
21.20	21.13	21.13	21.5			1	49
21.11	21.18	21.19	21.5			1	99
20.15	20.20	20.13	20.5			50	0
20.19	20.15	20.15	20.5			50	25
20.15	20.12	20.13	20.5			50	50
20.11	20.15	20.20	20.5			100	0
18.16	18.17	18.15	18.5	256QAM		1	0
18.20	18.14	18.18	18.5			1	49
18.10	18.17	18.15	18.5			1	99
18.18	18.10	18.10	18.5			50	0
18.17	18.19	18.15	18.5			50	25
18.11	18.13	18.10	18.5			50	50
18.17	18.14	18.12	18.5			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)				
23.10	22.92	22.97	23.5	QPSK	15MHz	1	0
23.06	22.81	22.97	23.5			1	37
22.90	23.03	22.83	23.5			1	74
21.92	21.90	21.97	22.5			36	0
22.01	21.87	21.91	22.5			36	19
21.80	22.07	21.90	22.5			36	39
21.90	22.02	21.98	22.5			75	0
21.93	22.07	21.93	22.5	16QAM		1	0
22.07	21.89	21.94	22.5			1	37
22.03	22.04	21.83	22.5			1	74
21.10	21.09	20.99	21.5			36	0
21.04	21.05	20.97	21.5			36	19
21.04	20.94	20.82	21.5			36	39
20.92	21.08	21.00	21.5			75	0
21.06	20.88	20.94	21.5	64QAM		1	0
21.10	21.00	20.88	21.5			1	37
20.97	20.91	21.02	21.5			1	74
19.90	19.95	19.90	20.5			36	0
19.91	19.90	19.82	20.5			36	19
19.87	20.09	19.89	20.5			36	39
19.89	19.87	19.88	20.5			75	0
17.83	17.89	17.91	18.5	256QAM		1	0
17.97	17.80	18.09	18.5			1	37
17.99	17.84	17.96	18.5			1	74
17.91	18.09	18.09	18.5			36	0
17.88	17.99	18.10	18.5			36	19
17.85	17.80	17.80	18.5			36	39
18.10	17.84	17.95	18.5			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)				
22.89	22.98	23.09	23.5	QPSK	10MHz	1	0
23.05	22.92	22.97	23.5			1	24
23.03	22.93	23.02	23.5			1	49
22.04	21.83	22.01	22.5			25	0
21.94	21.84	21.92	22.5			25	12
22.01	22.04	21.86	22.5			25	25
21.82	21.80	22.01	22.5			50	0
21.80	21.93	22.05	22.5	16QAM		1	0
22.05	21.94	21.98	22.5			1	24
21.92	22.05	21.86	22.5			1	49
21.03	20.94	21.00	21.5			25	0
21.10	20.80	20.80	21.5			25	12
21.09	21.05	20.83	21.5			25	25
20.91	20.86	20.84	21.5			50	0
20.89	20.82	21.06	21.5	64QAM		1	0
20.89	21.04	20.84	21.5			1	24
20.81	21.01	20.88	21.5			1	49
20.06	19.82	19.82	20.5			25	0
19.95	19.89	19.80	20.5			25	12
20.09	19.94	19.80	20.5			25	25
19.98	19.84	20.09	20.5			50	0
18.07	17.93	17.99	18.5	256QAM		1	0
17.84	17.92	18.08	18.5			1	24
17.96	17.94	18.05	18.5			1	49
17.96	18.02	18.07	18.5			25	0
18.10	18.03	17.85	18.5			25	12
18.06	17.82	18.00	18.5			25	25
18.03	17.95	17.98	18.5			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)				
22.85	23.10	23.03	23.5	QPSK	5MHz	1	0
23.00	22.84	22.90	23.5			1	12
22.94	22.99	23.02	23.5			1	24
21.96	21.90	22.05	22.5			12	0
21.93	22.09	22.03	22.5			12	6
22.09	22.07	21.84	22.5			12	13
21.83	21.87	21.93	22.5			25	0
22.08	21.98	22.02	22.5	16QAM		1	0
21.80	22.07	21.88	22.5			1	12
21.93	21.82	21.99	22.5			1	24
21.00	21.02	20.86	21.5			12	0
20.96	20.89	20.89	21.5			12	6
20.86	20.94	21.08	21.5			12	13
21.05	20.84	20.99	21.5			25	0
21.00	21.04	21.04	21.5	64QAM		1	0
21.10	20.83	21.01	21.5			1	12
20.82	20.99	21.02	21.5			1	24
20.10	19.99	20.00	20.5			12	0
19.92	20.05	19.80	20.5			12	6
19.82	19.83	20.03	20.5			12	13
20.04	19.93	19.98	20.5			25	0
17.86	17.87	17.92	18.5	256QAM		1	0
18.03	17.90	17.99	18.5			1	12
17.99	17.95	17.93	18.5			1	24
17.93	18.10	17.88	18.5			12	0
17.92	17.81	17.94	18.5			12	6
17.88	17.83	18.05	18.5			12	13
17.87	18.05	17.96	18.5			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)				
23.01	22.85	22.92	23.5	QPSK	3MHz	1	0
22.98	22.83	23.06	23.5			1	7
22.99	22.91	22.91	23.5			1	14
21.93	22.10	22.10	22.5			8	0
22.07	22.08	21.82	22.5			8	3
22.03	22.06	21.98	22.5			8	7
22.03	22.04	21.91	22.5			15	0
21.94	21.85	21.93	22.5	16QAM		1	0
21.96	21.99	22.08	22.5			1	7
22.04	21.96	21.97	22.5			1	14
21.05	20.89	20.99	21.5			8	0
20.94	20.82	21.03	21.5			8	3
20.80	20.83	21.00	21.5			8	7
21.08	21.07	20.82	21.5			15	0
21.07	21.03	21.04	21.5	64QAM		1	0
20.94	21.02	20.82	21.5			1	7
20.84	20.85	21.00	21.5			1	14
19.98	20.00	19.88	20.5			8	0
20.03	19.87	19.82	20.5			8	3
20.08	20.10	19.98	20.5			8	7
19.97	19.86	19.90	20.5			15	0
17.84	17.85	17.87	18.5	256QAM		1	0
17.86	17.83	18.02	18.5			1	7
18.03	18.04	18.07	18.5			1	14
17.98	18.10	17.97	18.5			8	0
17.83	18.06	17.92	18.5			8	3
17.81	17.93	17.97	18.5			8	7
18.02	18.04	17.90	18.5			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)				
22.99	22.84	23.00	23.5	QPSK	1.4MHz	1	0
22.81	22.88	23.04	23.5			1	2
22.81	23.04	23.03	23.5			1	5
22.91	22.99	22.85	23.5			3	0
22.88	22.81	23.00	23.5			3	1
22.91	22.99	23.02	23.5			3	3
21.95	22.06	22.05	22.5			6	0
21.84	21.98	22.08	22.5	16QAM		1	0
22.01	21.86	22.04	22.5			1	2
21.81	22.08	21.88	22.5			1	5
21.91	22.06	21.88	22.5			3	0
21.83	21.84	21.96	22.5			3	1
21.92	22.00	21.83	22.5			3	3
21.10	21.07	20.85	21.5			6	0
20.84	21.00	21.03	21.5	64QAM		1	0
21.10	20.92	20.98	21.5			1	2
20.85	20.82	20.88	21.5			1	5
20.94	20.92	21.02	21.5			3	0
21.09	20.90	20.91	21.5			3	1
20.95	20.98	21.02	21.5			3	3
20.03	19.88	20.04	20.5			6	0
18.00	17.95	17.80	18.5	256QAM		1	0
18.03	17.98	17.94	18.5			1	2
18.02	18.05	17.98	18.5			1	5
17.99	17.94	17.81	18.5			3	0
18.08	17.90	17.82	18.5			3	1
18.03	17.83	17.93	18.5			3	3
18.03	18.09	18.01	18.5			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)				
22.98	23.24	23.04	24	QPSK	20MHz	1	0
23.23	23.15	23.11	24			1	49
22.91	22.98	22.90	24			1	99
22.56	22.78	22.60	23			50	0
22.62	22.58	22.59	23			50	25
22.76	22.67	22.60	23			50	50
22.65	22.77	22.58	23			100	0
22.25	22.12	22.24	23	16QAM		1	0
22.13	22.18	22.30	23			1	49
22.13	22.26	22.24	23			1	99
21.64	21.70	21.60	22			50	0
21.63	21.50	21.60	22			50	25
21.71	21.67	21.68	22			50	50
21.51	21.74	21.64	22			100	0
21.24	20.92	20.99	22	64QAM		1	0
21.23	21.00	21.26	22			1	49
21.14	21.14	21.13	22			1	99
20.58	20.61	20.58	21			50	0
20.60	20.56	20.63	21			50	25
20.70	20.80	20.69	21			50	50
20.72	20.53	20.55	21			100	0
18.71	18.55	18.53	19	256QAM		1	0
18.50	18.77	18.74	19			1	49
18.55	18.86	18.84	19			1	99
18.60	18.73	18.52	19			50	0
18.79	18.90	18.80	19			50	25
18.72	18.67	18.59	19			50	50
18.81	18.78	18.78	19			100	0

LTE Band 4 Ant 3							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
20025	20175	20325	Channel				
1717.5	1732.5	1747.5	Frequency (MHz)				
23.02	22.92	22.92	24	QPSK	15MHz	1	0
23.08	22.90	22.96	24			1	37
22.90	22.97	23.09	24			1	74
22.85	22.78	22.70	23			36	0
22.90	22.96	22.75	23			36	19
22.69	22.57	22.75	23			36	39
22.59	22.82	22.87	23			75	0
22.98	22.63	22.90	23	16QAM		1	0
22.73	22.94	22.81	23			1	37
22.59	22.85	22.50	23			1	74
21.58	21.84	21.69	22			36	0
21.76	21.56	21.82	22			36	19
21.97	21.96	21.53	22			36	39
21.87	21.60	21.53	22			75	0
21.67	21.51	21.69	22	64QAM		1	0
21.50	21.76	21.83	22			1	37
21.71	21.57	21.59	22			1	74
20.61	20.69	20.50	21			36	0
20.78	20.65	20.72	21			36	19
20.90	20.52	20.93	21			36	39
20.97	20.50	20.73	21			75	0
18.91	18.60	18.94	19	256QAM		1	0
18.60	18.68	18.94	19			1	37
18.99	18.87	18.57	19			1	74
18.51	18.81	18.64	19			36	0
18.94	18.55	18.87	19			36	19
18.84	18.60	18.58	19			36	39
18.74	18.97	18.98	19			75	0

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

LTE Band 4 Ant 3							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
19975	20175	20375	Channel				
1712.5	1732.5	1752.5	Frequency (MHz)				
23.20	23.07	23.11	24	QPSK	5MHz	1	0
23.11	22.99	23.04	24			1	12
23.13	23.20	23.04	24			1	24
22.84	22.95	22.93	23			12	0
22.52	22.59	22.75	23			12	6
22.71	22.78	22.79	23			12	13
22.77	22.95	22.95	23			25	0
22.66	22.70	22.94	23	16QAM		1	0
22.78	22.60	22.88	23			1	12
22.89	22.93	22.92	23			1	24
21.56	21.81	21.71	22			12	0
21.58	21.57	21.54	22			12	6
21.69	21.92	21.81	22			12	13
21.71	21.70	21.56	22			25	0
21.71	21.71	21.67	22	64QAM		1	0
21.71	21.88	21.50	22			1	12
21.90	21.72	21.79	22			1	24
20.90	20.88	20.63	21			12	0
20.77	20.53	20.71	21			12	6
20.59	20.72	20.73	21			12	13
20.95	20.97	20.52	21			25	0
18.99	18.63	18.59	19	256QAM		1	0
18.76	18.77	18.85	19			1	12
18.77	18.52	18.61	19			1	24
18.59	18.81	18.66	19			12	0
18.77	18.75	18.52	19			12	6
18.98	18.61	18.70	19			12	13
18.92	18.55	18.77	19			25	0

LTE Band 4 Ant 3							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
19965	20175	20385	Channel				
1711.5	1732.5	1753.5	Frequency (MHz)				
22.98	23.18	22.93	24	QPSK	3MHz	1	0
22.99	23.14	23.14	24			1	7
23.09	23.07	23.17	24			1	14
22.97	22.81	22.72	23			8	0
22.63	22.97	22.90	23			8	3
22.60	22.83	22.80	23			8	7
22.67	22.96	23.00	23			15	0
22.53	22.56	22.85	23	16QAM		1	0
22.77	22.99	23.00	23			1	7
22.59	22.95	22.62	23			1	14
21.51	21.82	21.80	22			8	0
21.67	21.89	21.94	22			8	3
21.74	21.59	21.83	22			8	7
21.52	21.68	22.00	22			15	0
21.55	21.60	21.62	22	64QAM		1	0
21.99	21.99	21.88	22			1	7
21.85	21.74	21.57	22			1	14
20.95	21.00	20.64	21			8	0
20.80	20.63	20.65	21			8	3
20.72	20.94	20.79	21			8	7
20.74	20.80	20.73	21			15	0
18.70	18.80	18.60	19	256QAM		1	0
18.89	18.73	18.58	19			1	7
18.66	18.66	18.60	19			1	14
18.70	18.54	18.62	19			8	0
19.00	18.65	18.92	19			8	3
18.89	19.00	18.96	19			8	7
18.71	18.68	18.90	19			15	0

LTE Band 4 Ant 3							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
19957	20175	20393	Channel				
1710.7	1732.5	1754.3	Frequency (MHz)				
22.91	23.14	23.00	24	QPSK	1.4MHz	1	0
23.04	22.92	23.05	24			1	2
23.07	23.10	22.94	24			1	5
23.01	23.09	22.97	24			3	0
23.10	23.00	23.15	24			3	1
23.14	23.13	23.14	24			3	3
22.88	22.56	22.94	23			6	0
22.82	22.58	22.87	23	16QAM		1	0
22.58	22.57	22.95	23			1	2
22.98	22.84	22.67	23			1	5
22.55	22.51	22.59	23			3	0
22.55	22.54	22.93	23			3	1
22.70	23.00	22.70	23			3	3
21.90	21.98	21.84	22			6	0
21.85	21.94	21.90	22	64QAM		1	0
21.83	21.63	21.77	22			1	2
21.60	21.51	21.50	22			1	5
21.81	21.53	21.53	22			3	0
21.58	21.52	21.71	22			3	1
21.99	21.71	21.53	22			3	3
20.71	20.55	20.59	21			6	0
18.73	18.52	18.52	19	256QAM		1	0
18.98	18.53	18.85	19			1	2
18.56	18.90	18.87	19			1	5
18.50	18.75	18.61	19			3	0
18.67	18.95	18.97	19			3	1
18.89	18.64	18.90	19			3	3
18.99	18.54	18.86	19			6	0

LTE Band 7 Ant 3							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
20850	21100	21350	Channel				
2510	2535	2560	Frequency (MHz)				
17.28	17.37	17.35	17.5	QPSK	20MHz	1	0
17.15	17.12	17.12	17.5			1	49
17.15	17.24	17.11	17.5			1	99
16.16	16.19	16.11	16.5			50	0
16.11	16.15	16.14	16.5			50	25
16.12	16.16	16.13	16.5			50	50
16.10	16.17	16.12	16.5			100	0
16.11	16.16	16.17	16.5	16QAM		1	0
16.18	16.15	16.17	16.5			1	49
16.11	16.11	16.16	16.5			1	99
15.18	15.17	15.12	15.5			50	0
15.16	15.16	15.18	15.5			50	25
15.20	15.18	15.13	15.5			50	50
15.16	15.16	15.15	15.5			100	0
15.11	15.14	15.17	15.5	64QAM		1	0
15.18	15.20	15.11	15.5			1	49
15.10	15.16	15.19	15.5			1	99
14.15	14.12	14.17	14.5			50	0
14.14	14.17	14.10	14.5			50	25
14.10	14.16	14.19	14.5			50	50
14.16	14.16	14.20	14.5			100	0
12.10	12.19	12.20	12.5	256QAM		1	0
12.11	12.19	12.13	12.5			1	49
12.11	12.13	12.11	12.5			1	99
12.10	12.15	12.20	12.5			50	0
12.11	12.10	12.12	12.5			50	25
12.15	12.18	12.18	12.5			50	50
12.12	12.11	12.10	12.5			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)				
16.87	16.81	16.86	17.5	QPSK	15MHz	1	0
17.02	16.98	17.01	17.5			1	37
17.07	16.99	16.87	17.5			1	74
15.96	15.87	15.92	16.5			36	0
16.00	15.81	16.09	16.5			36	19
16.00	15.91	16.06	16.5			36	39
15.98	15.87	15.82	16.5			75	0
16.10	15.81	16.05	16.5	16QAM		1	0
16.07	16.04	15.95	16.5			1	37
16.05	15.87	15.83	16.5			1	74
14.80	15.01	14.90	15.5			36	0
14.92	15.06	14.92	15.5			36	19
14.89	14.94	15.00	15.5			36	39
14.81	15.02	14.83	15.5			75	0
14.88	15.09	14.90	15.5	64QAM		1	0
14.98	15.08	14.83	15.5			1	37
15.08	14.86	14.88	15.5			1	74
13.81	13.92	14.02	14.5			36	0
13.87	14.09	14.09	14.5			36	19
13.80	13.89	13.90	14.5			36	39
13.87	13.89	13.80	14.5			75	0
12.06	11.88	12.09	12.5	256QAM		1	0
11.89	11.89	11.94	12.5			1	37
11.88	11.89	12.05	12.5			1	74
11.98	11.97	11.87	12.5			36	0
11.87	11.81	11.96	12.5			36	19
11.96	11.88	11.87	12.5			36	39
12.06	11.81	11.90	12.5			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)				
16.86	16.98	16.96	17.5	QPSK	10MHz	1	0
17.02	17.01	17.03	17.5			1	24
16.93	16.87	17.10	17.5			1	49
15.80	15.80	15.83	16.5			25	0
16.05	16.03	16.05	16.5			25	12
16.08	15.97	15.82	16.5			25	25
16.01	15.81	15.91	16.5			50	0
15.88	15.80	15.92	16.5	16QAM		1	0
15.98	16.08	15.81	16.5			1	24
15.86	15.89	16.06	16.5			1	49
14.92	14.96	14.98	15.5			25	0
15.07	14.91	14.98	15.5			25	12
15.07	15.09	15.06	15.5			25	25
14.81	14.87	14.93	15.5			50	0
14.91	14.80	14.88	15.5	64QAM		1	0
14.83	14.92	15.05	15.5			1	24
14.88	14.99	14.95	15.5			1	49
14.01	13.98	13.94	14.5			25	0
13.89	13.84	13.86	14.5			25	12
14.06	14.04	13.98	14.5			25	25
13.96	14.01	13.91	14.5			50	0
11.94	11.86	11.98	12.5	256QAM		1	0
11.99	12.06	12.02	12.5			1	24
12.07	12.02	12.00	12.5			1	49
12.04	12.07	12.03	12.5			25	0
11.85	11.89	11.80	12.5			25	12
11.93	11.98	11.84	12.5			25	25
11.99	11.80	12.05	12.5			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)				
17.04	16.98	17.10	17.5	QPSK	5MHz	1	0
17.08	17.01	16.89	17.5			1	12
17.10	16.97	16.96	17.5			1	24
15.91	15.93	15.85	16.5			12	0
15.87	15.88	16.08	16.5			12	6
15.81	15.81	15.80	16.5			12	13
16.02	15.83	16.01	16.5			25	0
15.84	15.87	15.98	16.5	16QAM		1	0
16.01	16.05	16.01	16.5			1	12
16.03	15.84	15.85	16.5			1	24
15.04	14.92	15.02	15.5			12	0
14.93	14.95	15.00	15.5			12	6
14.92	14.87	15.04	15.5			12	13
14.84	14.91	15.05	15.5			25	0
14.81	15.09	15.01	15.5	64QAM		1	0
15.05	14.84	14.98	15.5			1	12
15.00	14.89	14.83	15.5			1	24
14.05	14.05	13.94	14.5			12	0
13.81	13.89	13.97	14.5			12	6
13.85	13.85	14.06	14.5			12	13
13.83	14.02	13.88	14.5			25	0
11.85	11.92	11.92	12.5	256QAM		1	0
12.07	12.08	11.94	12.5			1	12
12.03	11.98	11.86	12.5			1	24
11.88	11.98	12.00	12.5			12	0
11.93	12.04	11.96	12.5			12	6
11.88	12.05	12.08	12.5			12	13
11.84	11.91	11.89	12.5			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)				
23.32	23.40	23.33	23.5	QPSK	20MHz	1	0
23.24	23.17	23.33	23.5			1	49
23.10	23.15	23.11	23.5			1	99
22.12	22.21	22.13	22.5			50	0
22.14	22.16	22.16	22.5			50	25
22.14	22.13	22.19	22.5			50	50
22.12	22.20	22.15	22.5			100	0
22.12	22.20	22.19	22.5	16QAM		1	0
22.14	22.12	22.12	22.5			1	49
22.11	22.17	22.17	22.5			1	99
21.20	21.16	21.12	21.5			50	0
21.17	21.11	21.18	21.5			50	25
21.18	21.13	21.11	21.5			50	50
21.17	21.14	21.20	21.5			100	0
21.16	21.15	21.17	21.5	64QAM		1	0
21.13	21.19	21.10	21.5			1	49
21.19	21.17	21.10	21.5			1	99
20.16	20.19	20.15	20.5			50	0
20.11	20.17	20.11	20.5			50	25
20.16	20.10	20.11	20.5			50	50
20.17	20.14	20.18	20.5			100	0
18.15	18.18	18.19	18.5	256QAM		1	0
18.20	18.14	18.20	18.5			1	49
18.13	18.19	18.20	18.5			1	99
18.12	18.12	18.19	18.5			50	0
18.11	18.19	18.12	18.5			50	25
18.19	18.11	18.18	18.5			50	50
18.13	18.19	18.12	18.5			100	0