



**ANT 1**

**LTE Band41 part ant 1 Full Power**

LTE Band	Band-width (MHz)	Modulation	RB Size	RB Offset	Average Power (dBm)							
					39675	40148	40620	41093	41565			
					2498.5MHz	2545.5MHz	2593.0MHz	2640.3MHz	2687.5MHz			
Band 41	5	QPSK	1	0	26.52	26.62	26.81	26.68	26.72			
			1	12	26.50	26.45	26.80	26.57	26.40			
			1	24	26.60	26.32	26.87	26.50	26.03			
			12	0	25.61	24.69	25.57	24.98	23.76			
			12	6	25.60	24.68	25.57	24.98	23.76			
			12	11	25.59	24.67	25.56	24.96	23.74			
			25	0	25.62	24.67	25.58	24.97	23.72			
			1	0	25.80	25.90	25.95	25.92	26.00			
			1	12	25.79	25.86	25.91	25.88	25.93			
			1	24	25.84	24.95	25.97	25.29	24.05			
		16QAM	12	0	24.66	24.24	24.55	24.34	23.82			
			12	6	24.66	24.22	24.55	24.33	23.78			
			12	11	24.67	24.24	24.55	24.34	23.80			
			25	0	24.67	24.19	24.60	24.33	23.71			
			1	0	25.02	25.05	24.97	25.02	25.07			
			1	12	25.02	25.04	24.93	25.00	25.05			
			1	24	25.07	25.10	24.97	25.05	25.12			
			12	0	23.54	23.60	23.55	23.58	23.66			
			12	6	23.56	23.60	23.60	23.60	23.64			
			12	11	23.55	23.60	23.58	23.59	23.65			
		64QAM	25	0	23.45	23.49	23.60	23.52	23.52			
			Average Power (dBm)									
								39700	40160	40620	41080	41540
								2501.0MHz	2547.0MHz	2593.0MHz	2639.0MHz	2685.0MHz
								26.81	26.78	26.70	26.75	26.75
Band 41	10	QPSK	1	24	26.71	26.74	26.71	26.73	26.77			
			1	49	26.78	26.81	26.70	26.77	26.84			
			25	0	25.67	25.70	25.69	25.70	25.73			
			25	12	25.68	25.70	25.69	25.70	25.72			
			25	24	25.67	25.71	25.68	25.70	25.75			
			50	0	25.74	25.76	25.68	25.73	25.77			
			16QAM	1	0	24.00	23.88	26.02	24.59	23.75		
				1	24	23.99	23.86	25.96	24.56	23.73		
				1	49	24.09	23.93	25.99	24.62	23.77		
				25	0	23.77	23.77	24.75	24.10	23.77		
		25		12	23.76	23.76	24.76	24.09	23.76			
		25		24	23.76	23.75	24.76	24.09	23.74			
		50		0	23.71	23.74	24.65	24.04	23.76			
		64QAM		1	0	24.94	24.72	25.04	24.82	24.49		
				1	24	24.91	24.70	25.03	24.81	24.49		
				1	49	24.94	24.74	25.02	24.83	24.53		
			25	0	23.58	23.54	23.69	23.59	23.50			
			25	12	23.56	23.54	23.70	23.59	23.51			
			25	24	23.57	23.53	23.68	23.58	23.49			
			50	0	23.62	23.59	23.67	23.62	23.56			
			Average Power (dBm)									
								39725	40173	40620	41068	41515
								2503.5MHz	2548.5MHz	2593.0MHz	2637.8MHz	2682.5MHz
		Band 41	15	QPSK	1	0	26.71	26.77	26.68	26.74	26.83	
					1	37	26.67	26.63	26.69	26.65	26.59	
					1	74	26.66	26.73	26.65	26.70	26.79	
					36	0	25.67	25.67	25.65	25.66	25.67	
					36	16	25.64	25.66	25.62	25.65	25.68	
					36	35	25.66	25.67	25.63	25.65	25.67	
					75	0	25.67	25.68	25.60	25.65	25.68	
					16QAM	1	0	23.97	24.87	25.97	25.23	25.76
						1	37	24.00	23.89	25.99	24.59	23.78
						1	74	23.99	23.90	23.94	23.91	23.81
				36		0	23.68	23.68	23.66	23.67	23.68	
				36		16	23.69	23.68	23.66	23.67	23.67	
36	35			23.70		23.69	23.66	23.68	23.68			
75	0			23.70		23.70	24.63	24.01	23.69			
64QAM	1			0		24.86	24.85	25.00	24.90	24.83		
	1			37		24.92	24.93	25.05	24.97	24.93		
	1			74		24.92	24.42	25.01	24.61	23.91		
	36			0	23.57	23.56	23.68	23.60	23.54			
	36			16	23.57	23.55	23.66	23.59	23.53			
	36			35	23.57	23.56	23.67	23.59	23.54			
	75			0	23.57	23.55	23.64	23.58	23.52			
	Average Power (dBm)											
						39750	40185	40620	41055	41490		
						2506.0MHz	2549.5MHz	2593.0MHz	2636.5MHz	2680.0MHz		
Band 41	20			QPSK	1	0	26.64	26.65	26.61	26.63	26.65	
					1	49	26.55	26.63	26.64	26.63	26.71	
					1	99	26.44	26.49	26.64	26.54	26.54	
					50	0	25.72	25.64	25.75	25.67	25.55	
					50	24	25.72	25.65	25.73	25.68	25.58	
					50	49	25.52	25.61	25.73	25.65	25.69	
					100	0	25.70	25.73	25.69	25.71	25.75	
					1	0	23.81	24.59	25.78	24.98	25.36	
					16QAM	1	49	23.87	23.63	25.79	24.35	23.39
						1	99	23.93	23.71	25.79	24.40	23.48
				50		0	23.75	23.75	24.72	24.07	23.74	
		50	24	23.74		23.74	24.73	24.07	23.73			
		50	49	23.74		23.73	24.74	24.07	23.72			
		100	0	23.72		24.22	24.67	24.37	24.72			
		64QAM	1	0		24.61	24.63	24.82	24.69	24.64		
			1	49		24.66	24.69	24.84	24.74	24.71		
			1	99		24.69	24.26	24.84	24.45	23.82		
			50	0		23.58	23.61	23.73	23.65	23.64		
			50	24	23.59	23.62	23.72	23.65	23.65			
			50	49	23.55	23.60	23.73	23.64	23.64			
			100	0	23.56	23.59	23.69	23.62	23.62			



## ANT 2

<b>GSM: ant 2 Full Power</b>						
Band: GSM 850	Burst Average Power (dBm)			Frame-Average Power(dBm)		
Channel	128	190	251	128	190	251
Frequency (MHz)	824.2	836.6	848.8	824.2	836.6	848.8
GSM (GMSK, Voice)	33.21	33.19	<b>33.21</b>	24.18	24.16	24.18
GPRS (GMSK, 1 TX slot)	33.11	33.10	33.12	24.08	24.07	24.09
GPRS (GMSK, 2 TX slots)	32.37	32.37	32.40	26.35	26.35	26.38
GPRS (GMSK, 3 TX slots)	30.63	30.64	30.68	26.37	26.38	26.42
GPRS (GMSK, 4 TX slots)	29.55	29.56	<b>29.59</b>	26.54	26.55	<b>26.58</b>
EGPRS (8PSK, 1 TX slot)	28.09	28.12	28.10	19.06	19.09	19.07
EGPRS (8PSK, 2 TX slots)	26.92	26.99	26.94	20.9	20.97	20.92
EGPRS (8PSK, 3 TX slots)	24.96	24.99	24.95	20.7	20.73	20.69
EGPRS (8PSK, 4 TX slots)	23.65	23.68	23.72	20.64	20.67	20.71

<b>WCDMA: ant 2 Full Power</b>			
WCDMA Average power (dBm)			
Band	WCDMA Band V		
Channel	4132	4183	4233
Frequency (MHz)	826.4	836.6	846.6
AMR 12.2 kbps	24.40	24.56	24.54
RMC 12.2 kbps	24.45	24.62	<b>24.65</b>
HSDPA Sub-test 1	23.45	23.59	23.64
HSDPA Sub-test 2	22.96	23.07	23.12
HSDPA Sub-test 3	23.00	23.16	23.58
HSDPA Sub-test 4	22.98	23.17	23.32
HSUPA Sub-test 1	21.44	21.56	21.58
HSUPA Sub-test 2	21.96	22.06	22.08
HSUPA Sub-test 3	22.43	22.56	22.57
HSUPA Sub-test 4	21.49	21.59	21.73
HSUPA Sub-test 5	23.49	23.62	23.63



**LTE Band5 part ant 2 Full Power**

LTE Band	Bandwidth (MHz)	Modulation	RB Size	RB Offset	Average Power (dBm)				
					20407	20525	20643		
					824.7MHz	836.5MHz	848.3MHz		
Band 5	1.4	QPSK	1	0	24.16	24.28	24.26		
			1	2	24.12	24.25	24.22		
			1	5	24.14	24.29	24.24		
			3	0	24.24	24.40	24.36		
			3	1	24.26	24.40	24.33		
			3	2	24.25	24.40	24.35		
		16QAM	6	0	23.25	23.37	23.48		
			1	0	23.29	23.56	23.29		
			1	2	23.31	23.60	23.28		
			1	5	23.29	23.52	23.25		
			3	0	23.19	23.27	23.36		
			3	1	23.19	23.28	23.33		
		64QAM	3	2	23.19	23.28	23.33		
			6	0	22.31	22.24	22.41		
			1	0	22.35	22.07	22.35		
			1	2	22.35	22.07	22.38		
			1	5	22.34	22.07	22.34		
			3	0	21.96	21.89	22.10		
		Band 5	3	QPSK	3	1	21.95	21.92	22.11
					3	2	21.97	21.93	22.12
					6	0	20.81	20.83	20.94
					1	0	24.32	24.25	24.28
					1	7	24.30	24.30	24.27
					1	14	24.28	24.27	24.20
16QAM	8			0	23.28	23.36	23.41		
	8			4	23.28	23.35	23.40		
	8			7	23.25	23.38	23.41		
	15			0	23.27	23.36	23.38		
	1			0	23.55	23.59	23.25		
	1			7	23.45	23.53	23.27		
64QAM	1			14	23.44	23.55	23.17		
	8			0	22.35	22.37	22.51		
	8			4	22.34	22.36	22.49		
	8			7	22.31	22.41	22.46		
	15			0	22.30	22.30	22.35		
	1			0	22.02	22.00	22.30		
Band 5	5			QPSK	1	7	22.03	22.04	22.37
					1	14	21.99	22.04	22.44
					8	0	21.00	21.03	21.11
					8	4	21.02	21.05	21.10
					8	7	20.97	21.05	21.04
					15	0	21.07	21.00	20.98
		16QAM	1	0	24.45	24.54	24.57		
			1	12	24.39	24.50	24.60		
			1	24	24.49	24.53	24.64		
			12	0	23.27	23.31	23.45		
			12	6	23.25	23.29	23.47		
			12	11	23.27	23.33	23.44		
		64QAM	25	0	23.25	23.37	23.39		
			1	0	23.32	23.63	23.54		
			1	12	23.24	23.62	23.51		
			1	24	23.32	23.71	23.47		
			12	0	22.28	22.39	22.46		
			12	6	22.29	22.40	22.47		
		Band 5	10	QPSK	12	11	22.23	22.40	22.47
					25	0	22.28	22.35	22.43
					1	0	22.02	22.66	22.34
					1	12	21.94	22.59	22.32
					1	24	22.06	22.62	22.31
					12	0	21.03	21.07	21.07
16QAM	12			6	20.97	21.07	21.08		
	12			11	20.99	21.07	21.08		
	25			0	20.98	21.00	21.02		
	1			0	24.26	24.30	24.34		
	1			24	24.30	24.34	24.37		
	1			49	24.37	24.33	24.30		
64QAM	25			0	23.16	23.31	23.44		
	25			12	23.16	23.35	23.42		
	25			24	23.20	23.30	23.39		
	50			0	23.27	23.36	23.41		
	1			0	23.48	23.50	23.30		
	1			24	23.44	23.53	23.32		
Band 5	10			QPSK	1	49	23.49	23.53	23.33
					25	0	22.14	22.37	22.44
					25	12	22.20	22.36	22.41
					25	24	22.15	22.37	22.44
					50	0	22.23	22.34	22.42
					1	0	22.03	22.07	22.39
		16QAM	1	24	22.00	22.07	22.40		
			1	49	22.16	22.08	22.42		
			25	0	20.93	21.04	21.00		
			25	12	20.94	21.05	20.98		
			25	24	20.96	21.07	21.01		
			50	0	20.99	21.05	20.97		



NR n5 part ant 2 Full Power

NR Band	SCS (KHz)	Bandwidth (MHz)	RB Allocation	Modulation	Average Power (dBm)		
					165800	167300	168800
					829MHz	836.5MHz	844MHz
n5	30	10	12@6	DFT_BPSK	24.96	24.94	24.99
			1@1	DFT_BPSK	24.97	24.92	24.95
			1@22	DFT_BPSK	24.91	24.98	25.00
			12@6	DFT_QPSK	24.99	25.02	25.07
			1@1	DFT_QPSK	24.90	24.95	24.74
			1@22	DFT_QPSK	24.86	24.82	24.93
			12@6	DFT_QAM16	24.05	24.06	24.08
			1@1	DFT_QAM16	24.02	24.07	24.01
			1@22	DFT_QAM16	23.99	23.96	24.10
			12@6	DFT_QAM64	22.49	22.48	22.53
			1@1	DFT_QAM64	22.66	22.71	22.61
			1@22	DFT_QAM64	22.62	22.56	22.71
			12@6	DFT_QAM256	20.48	20.40	20.49
			1@1	DFT_QAM256	20.94	20.82	20.81
			1@22	DFT_QAM256	20.81	20.77	20.90
			12@6	CP_QPSK	23.59	23.48	23.59
			1@1	CP_QPSK	23.30	23.15	23.19
			1@22	CP_QPSK	23.11	23.19	23.21
			12@6	CP_QAM16	23.17	23.16	23.27
			1@1	CP_QAM16	23.42	23.00	23.23
			1@22	CP_QAM16	23.13	23.15	23.36
			12@6	CP_QAM64	21.49	21.41	21.45
1@1	CP_QAM64	21.33	21.20	21.19			
1@22	CP_QAM64	21.15	21.08	21.20			
12@6	CP_QAM256	18.42	18.49	18.52			
1@1	CP_QAM256	18.83	18.83	18.74			
1@22	CP_QAM256	18.77	18.79	18.87			
NR Band	SCS (KHz)	Bandwidth (MHz)	RB Allocation	Modulation	Average Power (dBm)		
					166300	167300	168300
					831.5MHz	836.5MHz	841.5MHz
n5	30	15	18@9	DFT_BPSK	24.96	24.96	25.06
			1@1	DFT_BPSK	24.98	24.92	24.79
			1@36	DFT_BPSK	24.89	24.93	24.98
			18@9	DFT_QPSK	25.02	25.03	25.04
			1@1	DFT_QPSK	24.89	24.81	24.75
			1@36	DFT_QPSK	24.86	24.77	24.80
			18@9	DFT_QAM16	24.00	24.00	24.05
			1@1	DFT_QAM16	24.04	24.28	24.26
			1@36	DFT_QAM16	24.02	24.38	24.45
			18@9	DFT_QAM64	22.51	22.51	22.52
			1@1	DFT_QAM64	22.64	22.54	22.26
			1@36	DFT_QAM64	22.48	22.54	22.39
			18@9	DFT_QAM256	20.46	20.52	20.45
			1@1	DFT_QAM256	20.90	20.62	20.81
			1@36	DFT_QAM256	20.86	20.70	20.91
			19@9	CP_QPSK	23.56	23.48	23.48
			1@1	CP_QPSK	23.43	23.23	23.26
			1@36	CP_QPSK	23.26	23.18	23.22
			19@9	CP_QAM16	22.98	22.95	22.88
			1@1	CP_QAM16	23.34	23.12	22.99
			1@36	CP_QAM16	23.16	22.96	23.14
			19@9	CP_QAM64	21.60	21.45	21.44
1@1	CP_QAM64	21.28	21.72	21.71			
1@36	CP_QAM64	21.1	21.04	21.74			
19@9	CP_QAM256	18.47	18.51	18.54			
1@1	CP_QAM256	18.82	18.76	18.71			
1@36	CP_QAM256	18.73	18.72	18.73			
NR Band	SCS (KHz)	Bandwidth (MHz)	RB Allocation	Modulation	Average Power (dBm)		
					166800	167300	167800
					834MHz	836.5MHz	839MHz
n5	30	20	25@12	DFT_BPSK	25.07	25.04	25.04
			1@1	DFT_BPSK	25.01	25.00	24.91
			1@49	DFT_BPSK	24.97	24.89	25.03
			25@12	DFT_QPSK	25.10	25.04	25.07
			1@1	DFT_QPSK	24.92	24.87	24.87
			1@49	DFT_QPSK	24.82	24.82	24.89
			25@12	DFT_QAM16	24.11	24.09	24.05
			1@1	DFT_QAM16	24.46	24.00	23.98
			1@49	DFT_QAM16	24.34	24.00	24.05
			25@12	DFT_QAM64	22.54	22.54	22.49
			1@1	DFT_QAM64	22.63	22.53	22.57
			1@49	DFT_QAM64	22.58	22.60	22.60
			25@12	DFT_QAM256	20.52	20.48	20.53
			1@1	DFT_QAM256	21.00	20.91	20.85
			1@49	DFT_QAM256	20.81	20.80	20.92
			25@12	CP_QPSK	23.68	23.65	23.58
			1@1	CP_QPSK	23.43	23.28	23.18
			1@49	CP_QPSK	23.36	23.23	23.40
			25@12	CP_QAM16	22.99	22.97	22.95
			1@1	CP_QAM16	23.15	23.28	23.04
			1@49	CP_QAM16	23.22	23.12	23.33
			25@12	CP_QAM64	21.63	21.56	21.59
1@1	CP_QAM64	21.87	21.19	21.11			
1@49	CP_QAM64	21.74	21.12	21.33			
25@12	CP_QAM256	18.44	18.41	18.45			
1@1	CP_QAM256	18.80	18.73	18.80			
1@49	CP_QAM256	18.76	18.88	18.85			

NR n71 part ant 2 Full Power

NR Band	SCS (KHz)	Bandwidth (MHz)	RB Allocation	Modulation	Average Power (dBm)		
					133600	136100	138600
					668MHz	680.5MHz	693MHz
n71	30	10	12@6	DFT_BPSK	23.50	23.46	23.44
			1@1	DFT_BPSK	23.43	23.44	23.47
			1@22	DFT_BPSK	23.52	23.43	23.44
			12@6	DFT_QPSK	23.50	23.46	23.55
			1@1	DFT_QPSK	23.34	23.31	23.37
			1@22	DFT_QPSK	23.39	23.32	23.36
			12@6	DFT_QAM16	22.51	22.56	22.54
			1@1	DFT_QAM16	22.46	22.50	22.65
			1@22	DFT_QAM16	22.68	22.61	22.61
			12@6	DFT_QAM64	20.86	20.86	20.96
			1@1	DFT_QAM64	21.23	20.94	20.94
			1@22	DFT_QAM64	21.05	21.20	21.19
			12@6	DFT_QAM256	19.05	19.00	18.99
			1@1	DFT_QAM256	19.47	19.04	19.36
			1@22	DFT_QAM256	19.55	19.35	19.38
			12@6	CP_QPSK	21.96	21.93	21.96
			1@1	CP_QPSK	22.01	22.08	21.99
			1@22	CP_QPSK	21.97	21.90	22.14
			12@6	CP_QAM16	21.59	21.47	21.52
			1@1	CP_QAM16	21.94	21.52	21.90
			1@22	CP_QAM16	21.46	21.82	21.80
			12@6	CP_QAM64	19.97	19.96	19.92
1@1	CP_QAM64	19.85	19.94	19.72			
1@22	CP_QAM64	19.82	19.75	19.98			
12@6	CP_QAM256	17.42	17.40	17.41			
1@1	CP_QAM256	17.15	17.45	17.25			
1@22	CP_QAM256	17.34	17.31	17.14			
NR Band	SCS (KHz)	Bandwidth (MHz)	RB Allocation	Modulation	Average Power (dBm)		
					134100	136100	138100
					670.5MHz	680.5MHz	690.5MHz
n71	30	15	18@9	DFT_BPSK	23.35	23.39	23.44
			1@1	DFT_BPSK	23.43	23.39	23.38
			1@36	DFT_BPSK	23.43	23.36	23.44
			18@9	DFT_QPSK	23.44	23.39	23.41
			1@1	DFT_QPSK	23.32	23.34	23.34
			1@36	DFT_QPSK	23.36	23.28	23.32
			18@9	DFT_QAM16	22.47	22.37	22.44
			1@1	DFT_QAM16	22.47	22.55	22.59
			1@36	DFT_QAM16	22.39	22.54	22.57
			18@9	DFT_QAM64	20.86	20.88	20.95
			1@1	DFT_QAM64	21.01	20.87	21.24
			1@36	DFT_QAM64	20.91	21.14	21.15
			18@9	DFT_QAM256	18.91	18.98	18.93
			1@1	DFT_QAM256	19.43	19.43	19.32
			1@36	DFT_QAM256	19.42	19.01	19.16
			19@9	CP_QPSK	21.97	21.91	21.96
			1@1	CP_QPSK	21.88	22.01	22.03
			1@36	CP_QPSK	22.04	21.94	22.08
			19@9	CP_QAM16	21.42	21.41	21.45
			1@1	CP_QAM16	21.79	21.91	21.34
			1@36	CP_QAM16	21.54	21.73	21.35
			19@9	CP_QAM64	19.94	19.97	19.91
1@1	CP_QAM64	19.81	19.64	19.93			
1@36	CP_QAM64	19.89	19.63	20.16			
19@9	CP_QAM256	17.31	17.35	17.26			
1@1	CP_QAM256	17.48	17.09	17.46			
1@36	CP_QAM256	17.14	17.08	17.37			
NR Band	SCS (KHz)	Bandwidth (MHz)	RB Allocation	Modulation	Average Power (dBm)		
					134600	136100	137600
					673MHz	680.5MHz	688MHz
n71	30	20	25@12	DFT_BPSK	23.41	23.45	23.43
			1@1	DFT_BPSK	23.44	23.52	23.39
			1@49	DFT_BPSK	23.38	23.41	23.39
			25@12	DFT_QPSK	23.46	23.49	23.46
			1@1	DFT_QPSK	23.28	23.33	23.26
			1@49	DFT_QPSK	23.35	23.29	23.38
			25@12	DFT_QAM16	22.47	22.48	22.44
			1@1	DFT_QAM16	22.57	22.65	22.62
			1@49	DFT_QAM16	22.65	22.70	22.64
			25@12	DFT_QAM64	20.92	20.88	20.98
			1@1	DFT_QAM64	21.15	21.28	21.25
			1@49	DFT_QAM64	21.30	21.21	20.94
			25@12	DFT_QAM256	18.92	18.89	18.84
			1@1	DFT_QAM256	19.38	19.53	19.62
			1@49	DFT_QAM256	19.44	19.47	19.14
			25@12	CP_QPSK	21.94	21.96	21.92
			1@1	CP_QPSK	22.08	22.08	22.12
			1@49	CP_QPSK	22.05	21.94	22.08
			25@12	CP_QAM16	21.48	21.42	21.42
			1@1	CP_QAM16	21.89	21.95	21.44
			1@49	CP_QAM16	22.02	21.79	21.88
			25@12	CP_QAM64	19.90	20.03	19.88
1@1	CP_QAM64	20.23	19.90	19.72			
1@49	CP_QAM64	20.00	19.70	19.78			
25@12	CP_QAM256	17.34	17.30	17.31			
1@1	CP_QAM256	17.21	17.12	17.17			
1@49	CP_QAM256	17.40	17.26	17.26			

## ANT 4

<b>GSM: ant 4 Full Power</b>						
Band: PCS 1900	Burst Average Power (dBm)			Frame-Average Power(dBm)		
Channel	512	661	810	512	661	810
Frequency (MHz)	1850.2	1880	1909.8	1850.2	1880	1909.8
GSM (GMSK, Voice)	29.88	<b>29.79</b>	29.79	20.85	20.76	20.76
GPRS (GMSK, 1 TX slot)	29.87	29.82	29.81	20.84	20.79	20.78
GPRS (GMSK, 2 TX slots)	29.14	<b>29.11</b>	29.13	23.12	<b>23.09</b>	23.11
GPRS (GMSK, 3 TX slots)	27.30	27.31	27.40	23.04	23.05	23.14
GPRS (GMSK, 4 TX slots)	26.26	26.27	26.33	23.25	23.26	23.32
EGPRS (8PSK, 1 TX slot)	26.59	26.63	26.44	17.56	17.60	17.41
EGPRS (8PSK, 2 TX slots)	25.44	25.56	25.36	19.42	19.54	19.34
EGPRS (8PSK, 3 TX slots)	23.21	23.32	23.13	18.95	19.06	18.87
EGPRS (8PSK, 4 TX slots)	21.83	22.05	21.86	18.82	19.04	18.85

<b>WCDMA: ant 4 Full Power</b>						
WCDMA Average power (dBm)						
Band	WCDMA Band IV			WCDMA Band II		
Channel	1312	1413	1513	9262	9400	9538
Frequency (MHz)	1712.4	1732.6	1752.6	1852.4	1880	1907.6
AMR 12.2 kbps	24.98	23.31	25.06	24.66	24.83	25.05
RMC 12.2 kbps	25.02	25.06	25.08	24.71	24.58	24.95
HSDPA Sub-test 1	24.12	24.13	24.13	23.65	23.82	23.98
HSDPA Sub-test 2	23.56	23.60	23.70	23.28	23.40	23.51
HSDPA Sub-test 3	23.68	23.70	23.70	23.13	23.31	23.48
HSDPA Sub-test 4	23.71	23.75	23.80	23.10	23.33	23.56
HSUPA Sub-test 1	22.07	22.10	22.08	21.64	21.79	21.95
HSUPA Sub-test 2	22.57	22.57	22.63	22.18	22.31	22.47
HSUPA Sub-test 3	23.07	23.11	23.08	22.69	22.86	22.98
HSUPA Sub-test 4	22.08	22.08	22.13	21.72	21.82	22.02
HSUPA Sub-test 5	24.11	24.15	24.17	23.71	23.90	24.03





NR n7 part ant 4 Full Power

NR Band	SCS (KHz)	Bandwidth h (MHz)	RB Allocation	Modulation	Average Power (dBm)					
					501000	507000	513000			
					2505MHz	2535MHz	2565MHz			
n7	30	10	12@6	DFT BPSK	23.99	24.07	24.04			
			1@1	DFT BPSK	24.06	24.03	23.96			
			1@22	DFT BPSK	23.96	24.05	24.04			
			12@6	DFT QPSK	24.07	24.10	24.18			
			1@1	DFT QPSK	23.86	23.90	23.90			
			1@22	DFT QPSK	23.83	24.00	23.96			
			12@6	DFT QAM16	23.08	23.17	23.20			
			1@1	DFT QAM16	23.16	23.57	23.05			
			1@22	DFT QAM16	23.38	23.17	23.50			
			12@6	DFT QAM64	21.43	21.48	21.51			
			1@1	DFT QAM64	21.27	21.24	21.44			
			1@22	DFT QAM64	21.60	21.34	21.33			
			12@6	DFT QAM256	19.84	19.35	19.58			
			1@1	DFT QAM256	20.10	19.99	19.78			
			1@22	DFT QAM256	19.78	19.51	19.79			
			12@6	CP QPSK	22.58	22.53	23.05			
			1@1	CP QPSK	22.39	22.81	23.14			
			1@22	CP QPSK	22.37	22.49	23.07			
			12@6	CP QAM16	22.12	22.18	23.05			
			1@1	CP QAM16	22.87	22.59	23.06			
			1@22	CP QAM16	22.69	22.57	23.07			
			12@6	CP QAM64	20.62	20.52	23.06			
			1@1	CP QAM64	20.20	20.75	23.05			
			1@22	CP QAM64	20.18	20.24	23.06			
			12@6	CP QAM256	17.22	17.63	23.05			
			1@1	CP QAM256	17.87	17.84	23.07			
			1@22	CP QAM256	17.51	17.81	23.05			
			NR Band	SCS (KHz)	Bandwidth h (MHz)	RB Allocation	Modulation	Average Power (dBm)		
								501500	507000	512500
								2507.5MHz	2535MHz	2562.5MHz
			n7	30	15	18@9	DFT BPSK	24.02	23.81	23.92
						1@1	DFT BPSK	23.96	23.86	23.77
1@36	DFT BPSK	23.81				23.86	23.91			
18@9	DFT QPSK	24.00				23.79	23.93			
1@1	DFT QPSK	23.87				23.67	23.80			
1@36	DFT QPSK	23.83				23.74	23.75			
18@9	DFT QAM16	23.03				22.90	22.97			
1@1	DFT QAM16	23.07				22.87	23.27			
1@36	DFT QAM16	23.25				22.86	23.35			
18@9	DFT QAM64	21.33				21.32	21.45			
1@1	DFT QAM64	21.32				21.27	21.31			
1@36	DFT QAM64	21.05				21.34	21.30			
18@9	DFT QAM256	19.59				19.43	19.35			
1@1	DFT QAM256	19.80				19.87	19.60			
1@36	DFT QAM256	19.73				19.89	19.98			
19@9	CP QPSK	22.39				22.35	22.52			
1@1	CP QPSK	22.26				22.26	22.19			
1@36	CP QPSK	22.26				22.19	22.30			
19@9	CP QAM16	21.76				21.73	21.79			
1@1	CP QAM16	22.63				22.29	22.09			
1@36	CP QAM16	22.41				22.47	22.29			
19@9	CP QAM64	20.23				20.28	20.33			
1@1	CP QAM64	20.54				20.54	20.01			
1@36	CP QAM64	20.61				20.02	20.65			
19@9	CP QAM256	17.44				17.25	17.32			
1@1	CP QAM256	17.86				17.67	17.82			
1@36	CP QAM256	17.40				17.63	17.74			
NR Band	SCS (KHz)	Bandwidth h (MHz)				RB Allocation	Modulation	Average Power (dBm)		
								502000	507000	512000
								2510MHz	2535MHz	2560MHz
n7	30	20				25@12	DFT BPSK	23.83	23.83	23.96
						1@1	DFT BPSK	23.85	23.82	23.80
			1@49	DFT BPSK	23.74	23.87	23.82			
			25@12	DFT QPSK	23.84	23.90	23.92			
			1@1	DFT QPSK	23.71	23.66	23.78			
			1@49	DFT QPSK	23.63	23.87	23.80			
			25@12	DFT QAM16	22.90	22.94	23.00			
			1@1	DFT QAM16	23.24	23.20	23.26			
			1@49	DFT QAM16	22.85	22.93	23.32			
			25@12	DFT QAM64	21.35	21.29	21.37			
			1@1	DFT QAM64	21.31	21.30	21.37			
			1@49	DFT QAM64	21.27	21.19	21.40			
			25@12	DFT QAM256	19.18	19.45	19.32			
			1@1	DFT QAM256	19.55	19.60	19.82			
			1@49	DFT QAM256	19.52	19.86	19.72			
			25@12	CP QPSK	22.36	22.36	22.53			
			1@1	CP QPSK	22.26	22.24	22.11			
			1@49	CP QPSK	22.13	22.32	22.34			
			25@12	CP QAM16	21.83	21.85	21.84			
			1@1	CP QAM16	22.43	22.41	22.35			
			1@49	CP QAM16	22.13	22.47	22.58			
			25@12	CP QAM64	20.33	20.34	20.42			
			1@1	CP QAM64	20.04	20.49	20.59			
			1@49	CP QAM64	19.90	20.03	20.59			
			25@12	CP QAM256	17.53	17.16	17.14			
			1@1	CP QAM256	17.80	17.63	17.57			
			1@49	CP QAM256	17.33	17.60	17.76			

NR n66 part ant 4 Full Power

NR Band	SCS (KHz)	Bandwidth h (MHz)	RB Allocation	Modulation	Average Power (dBm)					
					343000	349000	355000			
					1715MHz	1745MHz	1775MHz			
n66	30	10	12@6	DFT BPSK	23.60	23.59	23.45			
			1@1	DFT BPSK	23.60	23.52	23.50			
			1@22	DFT BPSK	23.66	23.63	23.48			
			12@6	DFT QPSK	23.64	23.75	23.39			
			1@1	DFT QPSK	23.49	23.40	23.34			
			1@22	DFT QPSK	23.52	23.61	23.44			
			12@6	DFT QAM16	22.72	22.62	22.58			
			1@1	DFT QAM16	22.84	22.92	22.52			
			1@22	DFT QAM16	22.64	22.79	22.61			
			12@6	DFT QAM64	21.07	21.14	20.94			
			1@1	DFT QAM64	21.11	21.09	20.75			
			1@22	DFT QAM64	21.09	21.22	20.71			
			12@6	DFT QAM256	19.07	18.95	18.91			
			1@1	DFT QAM256	19.23	19.40	19.22			
			1@22	DFT QAM256	19.50	19.42	19.08			
			12@6	CP QPSK	22.20	22.28	21.99			
			1@1	CP QPSK	21.97	21.95	22.05			
			1@22	CP QPSK	22.14	22.05	22.03			
			12@6	CP QAM16	21.58	21.87	21.48			
			1@1	CP QAM16	22.10	21.76	21.95			
			1@22	CP QAM16	21.98	21.85	21.92			
			12@6	CP QAM64	20.03	20.00	19.92			
			1@1	CP QAM64	19.81	20.32	20.22			
			1@22	CP QAM64	19.76	20.26	19.65			
			12@6	CP QAM256	16.99	16.93	16.92			
			1@1	CP QAM256	17.26	17.30	17.23			
			1@22	CP QAM256	17.30	17.26	17.12			
			NR Band	SCS (KHz)	Bandwidth h (MHz)	RB Allocation	Modulation	Average Power (dBm)		
								343500	349000	354500
								1717.5MHz	1745MHz	1772.5MHz
			n66	30	15	18@9	DFT BPSK	23.56	23.61	23.50
						1@1	DFT BPSK	23.46	23.60	23.57
1@36	DFT BPSK	23.59				23.60	23.45			
18@9	DFT QPSK	23.69				23.69	23.54			
1@1	DFT QPSK	23.44				23.53	23.50			
1@36	DFT QPSK	23.53				23.86	23.62			
18@9	DFT QAM16	22.62				22.63	22.54			
1@1	DFT QAM16	22.74				22.52	22.45			
1@36	DFT QAM16	22.64				22.58	22.94			
18@9	DFT QAM64	21.08				21.01	20.97			
1@1	DFT QAM64	21.22				21.16	20.76			
1@36	DFT QAM64	21.21				20.78	20.76			
18@9	DFT QAM256	19.06				19.00	18.96			
1@1	DFT QAM256	19.33				19.40	19.26			
1@36	DFT QAM256	19.41				19.34	19.07			
19@9	CP QPSK	22.05				22.08	22.00			
1@1	CP QPSK	22.02				22.07	21.96			
1@36	CP QPSK	22.03				22.05	21.98			
19@9	CP QAM16	21.61				21.55	21.48			
1@1	CP QAM16	22.01				21.75	21.90			
1@36	CP QAM16	22.09				21.85	21.84			
19@9	CP QAM64	20.15				20.04	20.05			
1@1	CP QAM64	19.71				19.72	19.65			
1@36	CP QAM64	19.73				20.23	19.56			
19@9	CP QAM256	16.99				16.96	16.92			
1@1	CP QAM256	17.20				17.39	17.17			
1@36	CP QAM256	17.30				17.30	17.09			
NR Band	SCS (KHz)	Bandwidth h (MHz)				RB Allocation	Modulation	Average Power (dBm)		
								344000	349000	354000
								1720MHz	1745MHz	1770MHz
n66	30	20				25@12	DFT BPSK	23.60	23.55	23.52
						1@1	DFT BPSK	23.65	23.62	23.49
			1@49	DFT BPSK	23.60	23.63	23.51			
			25@12	DFT QPSK	23.69	23.60	23.67			
			1@1	DFT QPSK	23.56	23.49	23.47			
			1@49	DFT QPSK	23.53	23.66	23.44			
			25@12	DFT QAM16	22.71	22.59	22.57			
			1@1	DFT QAM16	22.90	22.92	22.74			
			1@49	DFT QAM16	22.58	23.03	22.90			
			25@12	DFT QAM64	21.06	21.13	21.07			
			1@1	DFT QAM64	21.27	20.88	21.19			
			1@49	DFT QAM64	21.15	21.18	21.06			
			25@12	DFT QAM256	19.00	19.01	18.87			
			1@1	DFT QAM256	19.46	19.24	19.17			
			1@49	DFT QAM256	19.37	19.19	19.33			
			25@12	CP QPSK	22.15	22.12	22.13			
			1@1	CP QPSK	22.12	21.99	22.24			
			1@49	CP QPSK	21.99	22.13	22.02			
			25@12	CP QAM16	21.67	21.52	21.56			
			1@1	CP QAM16	21.98	21.92	22.05			
			1@49	CP QAM16	21.76	21.98	21.98			
			25@12	CP QAM64	20.17	20.08	20.08			
			1@1	CP QAM64	19.78	19.75	19.73			
			1@49	CP QAM64	20.39	20.37	19.58			
			25@12	CP QAM256	16.92	16.86	16.79			
			1@1	CP QAM256	17.41	17.31	17.31			
			1@49	CP QAM256	17.34	17.33	17.22			
			NR Band	SCS (KHz)	Bandwidth h (MHz)	RB Allocation	Modulation	Average Power (dBm)		
								346000	349000	352000
								1730MHz	1745MHz	1760MHz
			n66	30	40	50@25	DFT BPSK	23.45	23.58	23.63
						1@1	DFT BPSK	23.54	23.52	23.63
1@104	DFT BPSK	23.57				23.62	23.49			
50@25	DFT QPSK	23.48				23.61	23.67			
1@1	DFT QPSK	23.51				23.48	23.55			
1@104	DFT QPSK	23.67				23.61	23.65			
50@25	DFT QAM16	22.52				22.64	22.54			
1@1	DFT QAM16	22.78				22.51	22.90			
1@104	DFT QAM16	22.94				22.56	22.83			
50@25	DFT QAM64	21.03				21.10	21.07			
1@1	DFT QAM64	20.86				20.85	21.10			
1@104	DFT QAM64	20.83				21.14	20.76			
50@25	DFT QAM256	19.02				18.92	19.08			
1@1	DFT QAM256	19.32				19.48	19.44			
1@104	DFT QAM256	19.39				19.24	19.13			
53@26	CP QPSK	22.05				22.22	22.14			
1@1	CP QPSK	21.97				22.00	22.18			
1@104	CP QPSK	22.31				22.04	21.98			
53@26	CP QAM16	21.49				21.54	21.67			
1@1	CP QAM16	22.07				21.78	21.79			
1@104	CP QAM16	22.09				21.92	21.70			
53@26	CP QAM64	19.84				20.00	20.17			
1@1	CP QAM64	20.25				20.38	20.74			
1@104	CP QAM64	19.66				20.36	19.21			
53@26	CP QAM256	16.97				16.92	16.88			
1@1	CP QAM256	17.38				17.54	17.37			
1@104	CP QAM256	17.33				17.40	17.36			





### ANT 5

#### 2.4GWi-Fi ant 5 Full Power

Average Power (dBm)					
Channel	Frequency (MHz)	802.11 b	802.11 g	802.11n (HT20)	802.11ax20
CH 01	2412	16.5	16.54	13.02	11.39
CH 06	2437	16.99	16.33	12.94	12.42
CH 11	2462	16.09	14.48	12.14	11.15

Average Power (dBm)			
Channel	Frequency (MHz)	802.11n (HT40)	802.11ax40
CH 03	2422	11.33	11.01
CH 06	2437	11.58	11.13
CH 09	2452	11.07	10.66

### ANT 21

#### 2.4GWi-Fi ant 21 Full Power

Average Power (dBm)					
Channel	Frequency (MHz)	802.11 b	802.11 g	802.11n (HT20)	802.11ax20
CH 01	2412	16.18	16.30	13.26	11.93
CH 06	2437	16.82	16.39	13.36	13.11
CH 11	2462	16.57	16.58	13.43	12.49

Average Power (dBm)			
Channel	Frequency (MHz)	802.11n (HT40)	802.11ax40
CH 03	2422	12.13	11.86
CH 06	2437	12.15	11.47
CH 09	2452	11.76	11.05

#### Bluetooth ant 21 Full Power

Average Power (dBm)				
Channel	Frequency (MHz)	GFSK	$\pi/4$ -DQPSK	8DPSK
CH 00	2402	6.52	6.05	6.38
CH 39	2441	7.77	7.26	7.56
CH 78	2480	6.44	6.18	6.87

Average Power (dBm)					
Channel	Frequency (MHz)	BLE PHY1M	BLE PHY2M	BLE CodedPHY S=2	BLE CodedPHY S=8
CH 00	2402	1.49	1.44	1.58	1.60
CH 20	2442	2.71	2.73	2.83	2.69
CH 39	2480	1.71	1.76	2.11	1.76



### ANT 23

#### 5.2GWi-Fi ant 23 Full Power

Average Power (dBm)					
Channel	Frequency (MHz)	802.11 a	802.11 ac20	802.11 n20	802.11 ax20
CH 36	5180	<b>11.75</b>	11.09	11.5	11.37
CH 40	5200	10.92	11.2	11.2	10.91
CH 48	5240	11.42	11.01	11.76	11.46

Average Power (dBm)				
Channel	Frequency (MHz)	802.11 ac40	802.11 n40	802.11 ax40
CH 38	5190	10.97	10.91	10.75
CH 46	5230	11.71	11.33	11.24

Average Power (dBm)			
Channel	Frequency (MHz)	802.11 ac80	802.11 ax80
CH 42	5210	10.74	10.94

#### 5.8GWi-Fi ant 23 Full Power

Average Power (dBm)					
Channel	Frequency (MHz)	802.11 a	802.11 ac20	802.11 n20	802.11 ax20
CH 149	5745	10.49	10.27	10.05	10.19
CH 157	5785	10.79	10.45	10.58	10.31
CH 165	5825	<b>11.76</b>	11.59	11.26	11.55

Average Power (dBm)				
Channel	Frequency (MHz)	802.11 ac40	802.11 n40	802.11 ax40
CH 151	5755	10.38	10.41	10.5
CH 159	5795	10.7	10.62	10.87

Average Power (dBm)			
Channel	Frequency (MHz)	802.11 ac80	802.11 ax80
CH 155	5775	10.07	10.1

### ANT 24

#### 5.2GWi-Fi ant 24 Full Power

Average Power (dBm)					
Channel	Frequency (MHz)	802.11 a	802.11 ac20	802.11 n20	802.11 ax20
CH 36	5180	<b>13.28</b>	11.92	12.4	12.27
CH 40	5200	12.84	12.29	12.32	11.84
CH 48	5240	11.92	10.93	11.81	11.67

Average Power (dBm)				
Channel	Frequency (MHz)	802.11 ac40	802.11 n40	802.11 ax40
CH 38	5190	11.98	11.74	11.56
CH 46	5230	11.94	11.62	11.34

Average Power (dBm)			
Channel	Frequency (MHz)	802.11 ac80	802.11 ax80
CH 58	5290	11.26	11.36

#### 5.8GWi-Fi ant 24 Full Power

Average Power (dBm)					
Channel	Frequency (MHz)	802.11 a	802.11 ac20	802.11 n20	802.11 ax20
CH 149	5745	12.39	11.5	11.07	11.25
CH 157	5785	<b>12.54</b>	11.96	12.17	11.73
CH 165	5825	11.32	10.97	10.67	10.95

Average Power (dBm)				
Channel	Frequency (MHz)	802.11 ac40	802.11 n40	802.11 ax40
CH 151	5755	11.06	11.24	11.28
CH 159	5795	11.66	11.56	11.69

Average Power (dBm)			
Channel	Frequency (MHz)	802.11 ac80	802.11 ax80
CH 155	5775	10.91	10.83

### NFC ANT

Mode	Power (dBm)
NFC	-38.5