



ANT 1

GSM: ant 1 Full Power						
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)	33.01	33.25	33.00	23.98	24.22	23.97
GPRS (GMSK, 1 TX slot)	33.02	33.24	32.99	23.99	24.21	23.96
GPRS (GMSK, 2 TX slots)	32.28	32.51	32.25	26.26	26.49	26.23
GPRS (GMSK, 3 TX slots)	30.54	30.77	30.55	26.28	26.51	26.29
GPRS (GMSK, 4 TX slots)	29.44	29.69	29.46	26.43	26.68	26.45
EGPRS (8PSK, 1 TX slot)	26.86	26.70	26.87	17.83	17.67	17.84
EGPRS (8PSK, 2 TX slots)	25.50	25.75	25.80	19.48	19.73	19.78
EGPRS (8PSK, 3 TX slots)	23.51	23.46	23.54	19.25	19.2	19.28
EGPRS (8PSK, 4 TX slots)	22.31	22.31	22.39	19.3	19.3	19.38

WCDMA: ant 1 Full Power			
WCDMA Average power (dBm)			
Band	WCDMA Band V		
Channel	4132	4183	4233
Frequency (MHz)	826.4	836.6	846.6
AMR 12.2 kbps	23.13	23.71	23.65
RMC 12.2 kbps	23.22	23.72	23.69
HSDPA Sub-test 1	23.24	23.73	23.69
HSDPA Sub-test 2	22.91	23.42	23.37
HSDPA Sub-test 3	22.98	23.47	23.42
HSDPA Sub-test 4	22.94	23.42	23.38
HSUPA Sub-test 1	21.42	21.94	21.86
HSUPA Sub-test 2	21.93	22.41	22.36
HSUPA Sub-test 3	22.44	22.94	22.86
HSUPA Sub-test 4	21.47	21.96	21.89
HSUPA Sub-test 5	23.26	23.75	23.70



ANT 2

GSM: ant 2 Full Power						
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)	29.05	29.14	28.90	20.02	20.11	19.87
GPRS (GMSK, 1 TX slot)	29.08	29.18	28.94	20.05	20.15	19.91
GPRS (GMSK, 2 TX slots)	28.31	28.46	28.25	22.29	22.44	22.23
GPRS (GMSK, 3 TX slots)	26.42	26.65	26.55	22.16	22.39	22.29
GPRS (GMSK, 4 TX slots)	25.30	25.61	25.51	22.29	22.60	22.50
EGPRS (8PSK, 1 TX slot)	25.52	25.65	25.94	16.49	16.62	16.91
EGPRS (8PSK, 2 TX slots)	24.46	24.60	24.98	18.44	18.58	18.96
EGPRS (8PSK, 3 TX slots)	22.42	22.57	22.92	18.16	18.31	18.66
EGPRS (8PSK, 4 TX slots)	21.21	21.30	21.68	18.20	18.29	18.67

WCDMA: ant 2 Full Power						
WCDMA Average power (dBm)						
Band	WCDMA Band II			WCDMA Band IV		
Channel	9262	9400	9538	1312	1413	1513
Frequency (MHz)	1852.4	1880	1907.6	1712.4	1732.6	1752.6
AMR 12.2 kbps	23.00	23.03	23.20	22.87	22.85	22.78
RMC 12.2 kbps	23.06	23.12	23.28	22.89	22.92	22.82
HSDPA Sub-test 1	23.09	23.11	23.26	22.91	22.94	22.81
HSDPA Sub-test 2	22.53	22.57	22.71	22.41	22.44	22.34
HSDPA Sub-test 3	22.59	22.61	22.77	22.46	22.49	22.37
HSDPA Sub-test 4	22.53	22.56	22.74	22.44	22.45	22.34
HSUPA Sub-test 1	21.01	21.06	21.19	20.90	20.91	20.81
HSUPA Sub-test 2	21.54	21.58	21.72	21.39	21.43	21.31
HSUPA Sub-test 3	22.06	22.07	22.21	21.90	21.92	21.81
HSUPA Sub-test 4	21.07	21.10	21.23	20.90	20.94	20.83
HSUPA Sub-test 5	23.04	23.08	23.23	22.92	22.96	22.86



ANT 1

LTE Band 5 part ant1:

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	23.39	23.74	23.61
			1	2	23.38	23.70	23.56
			1	5	23.45	23.71	23.59
			3	0	23.44	23.72	23.63
			3	1	23.43	23.73	23.65
			3	2	23.42	23.73	23.65
		6	0	22.55	22.97	22.92	
		1	0	22.47	22.68	22.62	
		1	2	22.50	22.69	22.60	
		1	5	22.50	22.66	22.58	
		3	0	22.41	22.82	22.73	
		3	1	22.40	22.81	22.73	
	3	2	22.41	22.81	22.74		
	6	0	21.39	21.90	21.83		
	1	0	21.32	22.07	22.04		
	1	2	21.36	22.10	21.99		
	1	5	21.32	22.09	22.03		
	3	0	21.39	21.98	21.85		
	3	1	21.37	21.96	21.86		
	3	2	21.37	21.96	21.86		
	6	0	20.35	20.81	20.71		
	1.4	16QAM	1	0	22.50	22.66	22.58
			3	0	22.41	22.82	22.73
			3	1	22.40	22.81	22.73
3			2	22.41	22.81	22.74	
6			0	21.39	21.90	21.83	
1			0	21.32	22.07	22.04	
64QAM		1	2	21.36	22.10	21.99	
		1	5	21.32	22.09	22.03	
		3	0	21.39	21.98	21.85	
		3	1	21.37	21.96	21.86	
		3	2	21.37	21.96	21.86	
		6	0	20.35	20.81	20.71	

LTE Band 12 part ant1:

LTE Band	Bandwidth (MHz)	Modulation	RB Size	RB Offset	Average Power (dBm)		
					23017	23095	23175
					699.7MHz	707.5MHz	715.3MHz
Band 12	1.4	QPSK	1	0	23.46	23.24	23.24
			1	2	23.48	23.14	23.25
			1	5	23.45	23.17	23.24
			3	0	23.48	23.24	23.29
			3	1	23.49	23.21	23.28
			3	2	23.47	23.22	23.28
		6	0	22.42	22.26	22.30	
		1	0	22.37	22.14	22.15	
		1	2	22.34	22.12	22.19	
		1	5	22.34	22.05	22.12	
		3	0	22.27	22.03	22.10	
		3	1	22.27	22.04	22.10	
	3	2	22.27	22.02	22.08		
	6	0	21.23	21.21	21.28		
	1	0	21.16	21.48	21.47		
	1	2	21.14	21.40	21.50		
	1	5	21.13	21.39	21.46		
	3	0	21.25	21.11	21.15		
	3	1	21.22	21.09	21.13		
	3	2	21.20	21.09	21.14		
	6	0	20.23	20.01	20.07		
	1.4	16QAM	1	0	22.50	22.66	22.58
			3	0	22.41	22.82	22.73
			3	1	22.40	22.81	22.73
3			2	22.41	22.81	22.74	
6			0	21.39	21.90	21.83	
1			0	21.32	22.07	22.04	
64QAM		1	2	21.36	22.10	21.99	
		1	5	21.32	22.09	22.03	
		3	0	21.39	21.98	21.85	
		3	1	21.37	21.96	21.86	
		3	2	21.37	21.96	21.86	
		6	0	20.35	20.81	20.71	

LTE Band	Bandwidth (MHz)	Modulation	RB Size	RB Offset	Average Power (dBm)		
					20415	20525	20635
					825.5MHz	836.5MHz	847.5MHz
Band 5	3	QPSK	1	0	23.41	23.71	23.80
			1	7	23.42	23.68	23.77
			1	14	23.45	23.67	23.72
			8	0	22.56	22.88	22.85
			8	4	22.58	22.90	22.86
			8	7	22.63	22.91	22.82
		15	0	22.60	22.92	22.80	
		1	0	22.48	22.63	22.97	
		1	7	22.45	22.61	22.96	
		1	14	22.51	22.67	22.93	
		8	0	21.54	21.88	21.89	
		8	4	21.54	21.86	21.90	
		8	7	21.60	21.89	21.85	
		15	0	21.50	21.85	21.82	
		1	0	21.26	22.08	21.76	
	1	7	21.38	22.06	21.78		
	1	14	21.39	22.13	21.76		
	8	0	20.53	20.82	20.85		
	8	4	20.52	20.82	20.83		
	8	7	20.58	20.87	20.79		
	15	0	20.53	20.84	20.86		
	3	16QAM	1	0	22.50	22.66	22.58
			3	0	22.41	22.82	22.73
			3	1	22.40	22.81	22.73
			3	2	22.41	22.81	22.74
			6	0	21.39	21.90	21.83
			1	0	21.32	22.07	22.04
		64QAM	1	2	21.36	22.10	21.99
			1	5	21.32	22.09	22.03
			3	0	21.39	21.98	21.85
3			1	21.37	21.96	21.86	
3			2	21.37	21.96	21.86	
6			0	20.35	20.81	20.71	

LTE Band	Bandwidth (MHz)	Modulation	RB Size	RB Offset	Average Power (dBm)		
					23025	23095	23165
					700.5MHz	707.5MHz	714.5MHz
Band 12	3	QPSK	1	0	23.42	23.27	23.25
			1	7	23.38	23.26	23.31
			1	14	23.37	23.33	23.34
			8	0	22.42	22.19	22.29
			8	4	22.41	22.15	22.25
			8	7	22.40	22.20	22.29
		15	0	22.39	22.19	22.24	
		1	0	22.20	22.31	22.17	
		1	7	22.13	22.25	22.17	
		1	14	22.17	22.27	22.19	
		8	0	21.42	21.20	21.22	
		8	4	21.40	21.19	21.21	
		8	7	21.40	21.20	21.24	
		15	0	21.31	21.18	21.17	
		1	0	21.59	21.04	20.94	
	1	7	21.54	21.07	21.01		
	1	14	21.55	21.08	21.02		
	8	0	20.36	20.13	20.22		
	8	4	20.37	20.15	20.23		
	8	7	20.32	20.14	20.22		
	15	0	20.32	20.23	20.18		
	3	16QAM	1	0	22.50	22.66	22.58
			3	0	22.41	22.82	22.73
			3	1	22.40	22.81	22.73
			3	2	22.41	22.81	22.74
			6	0	21.39	21.90	21.83
			1	0	21.32	22.07	22.04
		64QAM	1	2	21.36	22.10	21.99
			1	5	21.32	22.09	22.03
			3	0	21.39	21.98	21.85
3			1	21.37	21.96	21.86	
3			2	21.37	21.96	21.86	
6			0	20.35	20.81	20.71	

LTE Band	Bandwidth (MHz)	Modulation	RB Size	RB Offset	Average Power (dBm)		
					20425	20525	20625
					826.5MHz	836.5MHz	846.5MHz
Band 5	5	QPSK	1	0	23.55	23.94	24.03
			1	12	23.56	23.92	23.91
			1	24	23.67	23.95	23.93
			12	0	22.60	22.99	22.96
			12	6	22.60	22.98	22.97
			12	11	22.63	22.98	22.97
		25	0	22.66	22.97	22.91	
		1	0	22.69	22.90	22.95	
		1	12	22.75	22.91	22.83	
		1	24	22.86	22.92	22.86	
		12	0	21.64	21.97	21.93	
		12	6	21.63	21.99	21.92	
		12	11	21.62	21.98	21.91	
		25	0	21.66	21.99	21.97	
		1	0	21.98	22.04	21.80	
	1	12	22.02	22.05	21.72		
	1	24	22.13	22.06	21.71		
	12	0	20.58	21.04	20.93		
	12	6	20.61	20.97	20.95		
	12	11	20.63	21.03	20.95		
	25	0	20.60	20.97	20.92		
	5	16QAM	1	0	22.50	22.66	22.58
			3	0	22.41	22.82	22.73
			3	1	22.40	22.81	22.73
			3	2	22.41	22.81	22.74
			6	0	21.39	21.90	21.83
			1	0	21.32	22.07	22.04
		64QAM	1	2	21.36	22.10	21.99
			1	5	21.32	22.09	22.03
			3	0	21.39	21.98	21.85
3			1	21.37	21.96	21.86	
3			2	21.37	21.96	21.86	
6			0	20.35	20.81	20.71	

LTE Band	Bandwidth (MHz)	Modulation	RB Size	RB Offset	Average Power (dBm)		
					23035	23095	23155
					701.5MHz	707.5MHz	713.5MHz
Band 12	5	QPSK	1	0	23.54	23.38	23.28
			1	12	23.51	23.35	23.29
			1	24	23.52	23.37	23.39
			12	0	22.46	22.22	22.25
			12	6	22.46	22.20	22.22
			12	11	22.46	22.20	22.21
		25	0	22.42	22.19	22.22	
		1	0	22.38	22.21	22.21	
		1	12	22.35	22.18	22.32	
		1	24	22.32	22.17	22.42	
		12	0	21.43	21.15	21.27	
		12	6	21.45	21.16	21.26	
		12	11	21.43	21.15	21.25	
		25	0	21.44	21.17	21.21	
		1	0	21.53	21.03	21.55	
	1	12	21.50	21.03	21.57		
	1	24	21.47	21.01	21.68		
	12	0	20.45	20.19	20.24		
	12	6	20.48	20.17	20.25		
	12	11	20.46	20.18	20.20		
	25	0	20.39	20.17	20.17		
	5	16QAM	1	0	22.50	22.66	22.58
			3	0	22.41	22.82	22.73
			3	1	22.40	22.81	22.73
			3	2	22.41	22.81	22.74
			6	0	21.39	21.90	21.83
			1	0	21.32	22.07	22.04
		64QAM	1	2	21.36	22.10	21.99
			1	5	21.32	22.09	22.03
			3	0	21.39	21.98	21.85
3			1	21.37	21.96	21.86	
3			2	21.37	21.96	21.86	
6			0	20.35	20.81	20.71	

LTE Band	Bandwidth (MHz)	Modulation	RB Size	RB Offset	Average Power (dBm)		
					20450	20525	20600
					829MHz	836.5MHz	844MHz
Band 5	10	QPSK	1	0	23.36	23.71	23.76
			1	24	23.56	23.93	23.86
			1	49	23.66	23.94	23.71
			25	0	22.58	22.94	22.98
			25	12	22.62	22.92	22.96
			25	24	22.57	22.92	22.99
		50	0	22.74	22.96	22.96	
		1	0	22.28	22.87	22.81	
		1	24	22.48	23.05	22.86	
		1	49	22.56	23.05	22.70	
		25	0	21.63	21.87	21.99	
		25	12	21.64	21.87	22.00	
		25	24	21.63	21.91	21.99	
		50	0	21.73	21.93	21.95	
		1	0	21.71	21.67	21.66	
	1	24	21.96	21.89	21.73		
	1	49	22.02	21.88	21.58		
	25	0	20.57</				

ANT 1

NR n5 part ant 1 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	22.79	22.73	22.93
			1@1	DFT_BPSK	22.95	22.68	22.73
			1@22	DFT_BPSK	22.74	22.71	23.14
			12@6	DFT_QPSK	23.08	22.72	22.94
			1@1	DFT_QPSK	22.88	22.64	22.60
			1@22	DFT_QPSK	22.56	22.60	22.91
			12@6	DFT_QAM16	21.83	21.75	21.90
			1@1	DFT_QAM16	22.26	21.87	21.92
			1@22	DFT_QAM16	21.91	21.72	22.11
			12@6	DFT_QAM64	20.35	20.35	20.44
			1@1	DFT_QAM64	20.94	20.36	20.33
			1@22	DFT_QAM64	20.41	20.60	20.71
			12@6	DFT_QAM256	18.32	18.30	18.38
			1@1	DFT_QAM256	18.41	18.21	18.18
			1@22	DFT_QAM256	18.17	18.13	18.53
			12@6	CP_QPSK	21.35	21.21	21.32
			1@1	CP_QPSK	21.50	21.27	21.28
			1@22	CP_QPSK	21.17	21.20	21.71
			12@6	CP_QAM16	20.85	20.70	20.86
			1@1	CP_QAM16	20.94	20.71	20.63
			1@22	CP_QAM16	20.71	20.70	21.01
			12@6	CP_QAM64	19.52	19.36	19.46
			1@1	CP_QAM64	19.47	19.00	19.32
			1@22	CP_QAM64	19.34	18.94	19.61
			12@6	CP_QAM256	16.51	16.25	16.38
			1@1	CP_QAM256	16.34	16.20	16.11
			1@22	CP_QAM256	16.11	16.13	16.58

NR n12 part ant 1 Full Power

NR Band	SCS (KHz)	Bandwidth (MHz)	RB Allocation	Modulation	Average Power (dBm)		
					140800	141500	142200
					704MHz	707.5MHz	711MHz
n12	30	10	12@6	DFT_BPSK	23.63	23.67	23.59
			1@1	DFT_BPSK	23.48	23.58	23.61
			1@22	DFT_BPSK	23.49	23.49	23.43
			12@6	DFT_QPSK	23.59	23.62	23.54
			1@1	DFT_QPSK	23.45	23.47	23.49
			1@22	DFT_QPSK	23.48	23.51	23.37
			12@6	DFT_QAM16	22.66	22.72	22.71
			1@1	DFT_QAM16	22.49	22.50	22.84
			1@22	DFT_QAM16	22.71	22.49	22.46
			12@6	DFT_QAM64	21.23	21.15	21.25
			1@1	DFT_QAM64	21.24	21.40	21.47
			1@22	DFT_QAM64	21.41	21.02	21.00
			12@6	DFT_QAM256	19.05	19.11	19.11
			1@1	DFT_QAM256	19.16	19.12	19.20
			1@22	DFT_QAM256	19.44	19.27	19.20
			12@6	CP_QPSK	22.19	22.18	22.20
			1@1	CP_QPSK	21.98	22.03	22.00
			1@22	CP_QPSK	22.01	21.94	21.89
			12@6	CP_QAM16	21.44	21.61	21.57
			1@1	CP_QAM16	21.51	21.58	21.66
			1@22	CP_QAM16	21.41	21.60	21.58
			12@6	CP_QAM64	20.02	20.14	20.10
			1@1	CP_QAM64	20.11	20.22	20.15
			1@22	CP_QAM64	20.06	20.07	19.95
			12@6	CP_QAM256	17.08	17.09	17.06
			1@1	CP_QAM256	16.65	16.70	16.75
			1@22	CP_QAM256	17.21	17.28	17.18

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	22.78	22.71	22.81
			1@1	DFT_BPSK	22.84	22.77	22.63
			1@36	DFT_BPSK	22.60	22.76	22.96
			18@9	DFT_QPSK	22.83	22.71	22.78
			1@1	DFT_QPSK	22.83	22.63	22.56
			1@36	DFT_QPSK	22.50	22.65	22.94
			18@9	DFT_QAM16	21.79	21.69	21.80
			1@1	DFT_QAM16	22.02	22.04	21.88
			1@36	DFT_QAM16	21.67	22.12	22.19
			18@9	DFT_QAM64	20.31	20.23	20.31
			1@1	DFT_QAM64	20.81	20.75	20.31
			1@36	DFT_QAM64	20.29	20.71	20.63
			18@9	DFT_QAM256	18.35	18.08	18.12
			1@1	DFT_QAM256	18.38	18.25	18.13
			1@36	DFT_QAM256	18.08	18.15	18.45
			19@9	CP_QPSK	21.30	21.22	21.24
			1@1	CP_QPSK	21.40	21.28	21.22
			1@36	CP_QPSK	21.14	21.24	21.44
			19@9	CP_QAM16	20.91	20.82	20.88
			1@1	CP_QAM16	20.87	20.71	20.63
			1@36	CP_QAM16	20.60	20.71	20.96
			19@9	CP_QAM64	19.15	19.21	19.26
			1@1	CP_QAM64	19.09	19.29	18.93
			1@36	CP_QAM64	19.17	19.26	19.28
			19@9	CP_QAM256	16.21	16.23	16.27
			1@1	CP_QAM256	16.43	16.18	15.88
			1@36	CP_QAM256	15.86	16.19	16.18

NR Band	SCS (KHz)	Bandwidth (MHz)	RB Allocation	Modulation	Average Power (dBm)		
					141300	141500	141700
					706.5MHz	707.5MHz	708.5MHz
n12	30	15	18@9	DFT_BPSK	23.53	23.60	23.58
			1@1	DFT_BPSK	23.52	23.51	23.52
			1@36	DFT_BPSK	23.54	23.51	23.40
			18@9	DFT_QPSK	23.51	23.65	23.60
			1@1	DFT_QPSK	23.32	23.45	23.45
			1@36	DFT_QPSK	23.36	23.39	23.32
			18@9	DFT_QAM16	22.61	22.65	22.63
			1@1	DFT_QAM16	22.36	22.45	22.87
			1@36	DFT_QAM16	22.72	22.80	22.38
			18@9	DFT_QAM64	21.14	21.18	21.19
			1@1	DFT_QAM64	21.24	21.22	20.93
			1@36	DFT_QAM64	20.90	21.24	20.78
			18@9	DFT_QAM256	19.11	19.10	19.04
			1@1	DFT_QAM256	19.05	19.27	19.09
			1@36	DFT_QAM256	19.30	19.06	19.24
			19@9	CP_QPSK	22.18	22.11	22.08
			1@1	CP_QPSK	21.94	21.97	21.99
			1@36	CP_QPSK	21.91	21.92	21.82
			19@9	CP_QAM16	21.66	21.73	21.69
			1@1	CP_QAM16	21.31	21.32	21.29
			1@36	CP_QAM16	21.81	21.30	21.29
			19@9	CP_QAM64	20.12	20.09	20.09
			1@1	CP_QAM64	19.98	20.11	20.04
			1@36	CP_QAM64	20.04	20.09	20.18
			19@9	CP_QAM256	17.07	17.10	17.17
			1@1	CP_QAM256	16.61	17.07	16.67
			1@36	CP_QAM256	17.11	16.97	16.61

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	22.76	22.79	22.72
			1@1	DFT_BPSK	22.86	22.72	22.79
			1@49	DFT_BPSK	22.60	22.79	22.61
			25@12	DFT_QPSK	22.81	22.80	22.77
			1@1	DFT_QPSK	22.75	22.80	22.71
			1@49	DFT_QPSK	22.52	22.77	22.60
			25@12	DFT_QAM16	21.80	21.76	21.80
			1@1	DFT_QAM16	22.20	21.90	22.07
			1@49	DFT_QAM16	21.85	22.07	22.02
			25@12	DFT_QAM64	20.19	20.18	20.16
			1@1	DFT_QAM64	20.84	20.37	20.87
			1@49	DFT_QAM64	20.38	20.44	20.37
			25@12	DFT_QAM256	18.17	18.18	18.19
			1@1	DFT_QAM256	18.30	18.23	18.34
			1@49	DFT_QAM256	18.12	18.30	18.10
			25@12	CP_QPSK	21.18	21.22	21.15
			1@1	CP_QPSK	21.34	21.23	21.36
			1@49	CP_QPSK	21.20	21.21	21.24
			25@12	CP_QAM16	20.73	20.67	20.78
			1@1	CP_QAM16	20.75	20.76	20.76
			1@49	CP_QAM16	20.61	20.72	20.57
			25@12	CP_QAM64	19.35	19.30	19.17
			1@1	CP_QAM64	19.39	19.29	19.31
			1@49	CP_QAM64	19.46	19.08	19.34
			25@12	CP_QAM256	16.16	16.17	16.16
			1@1	CP_QAM256	16.27	16.10	16.26
			1@49	CP_QAM256	16.16	16.29	16.13



ANT 6

LTE Band 7 part ant6:

Table with columns: LTE Band, Bandwidth (MHz), Modulation, RB Size, RB Offset, Average Power (dBm) for 20776, 21100, 21425, 2505MHz, 2535MHz, 2565MHz.

LTE Band 41 part ant6:

Table with columns: LTE Band, Bandwidth (MHz), Modulation, RB Size, RB Offset, Average Power (dBm) for 39873, 40197, 40520, 41053, 41585, 2488.5MHz, 2541.5MHz, 2594.5MHz, 2630.5MHz, 2687.5MHz.

LTE Band 66 part ant6:

Table with columns: LTE Band, Bandwidth (MHz), Modulation, RB Size, RB Offset, Average Power (dBm) for 131979, 132322, 132657, 17170.0MHz, 1745.00MHz, 1775.50MHz.

Table with columns: LTE Band, Bandwidth (MHz), Modulation, RB Size, RB Offset, Average Power (dBm) for 20800, 21100, 21400, 2505MHz, 2535MHz, 2565MHz.

Table with columns: LTE Band, Bandwidth (MHz), Modulation, RB Size, RB Offset, Average Power (dBm) for 39700, 40190, 40520, 41050, 41540, 2503.0MHz, 2547.0MHz, 2593.0MHz, 2639.0MHz, 2695.0MHz.

Table with columns: LTE Band, Bandwidth (MHz), Modulation, RB Size, RB Offset, Average Power (dBm) for 131987, 132322, 132657, 1711.50MHz, 1745.00MHz, 1775.50MHz.

Table with columns: LTE Band, Bandwidth (MHz), Modulation, RB Size, RB Offset, Average Power (dBm) for 20825, 21100, 21375, 2507.5MHz, 2535MHz, 2562.5MHz.

Table with columns: LTE Band, Bandwidth (MHz), Modulation, RB Size, RB Offset, Average Power (dBm) for 39720, 40173, 40520, 41050, 41515, 2503.0MHz, 2548.5MHz, 2593.0MHz, 2639.0MHz, 2692.5MHz.

Table with columns: LTE Band, Bandwidth (MHz), Modulation, RB Size, RB Offset, Average Power (dBm) for 131997, 132322, 132647, 1712.50MHz, 1745.00MHz, 1777.50MHz.

Table with columns: LTE Band, Bandwidth (MHz), Modulation, RB Size, RB Offset, Average Power (dBm) for 20850, 21100, 21350, 2507.5MHz, 2535MHz, 2560MHz.

Table with columns: LTE Band, Bandwidth (MHz), Modulation, RB Size, RB Offset, Average Power (dBm) for 39750, 40185, 40520, 41050, 41490, 2503.0MHz, 2549.5MHz, 2593.0MHz, 2639.0MHz, 2690.0MHz.

Table with columns: LTE Band, Bandwidth (MHz), Modulation, RB Size, RB Offset, Average Power (dBm) for 132022, 132322, 132647, 1717.50MHz, 1745.00MHz, 1775.50MHz.

Table with columns: LTE Band, Bandwidth (MHz), Modulation, RB Size, RB Offset, Average Power (dBm) for 20875, 21100, 21300, 2507.5MHz, 2535MHz, 2555MHz.

Table with columns: LTE Band, Bandwidth (MHz), Modulation, RB Size, RB Offset, Average Power (dBm) for 39780, 40185, 40520, 41050, 41460, 2503.0MHz, 2550.5MHz, 2593.0MHz, 2639.0MHz, 2686.0MHz.

Table with columns: LTE Band, Bandwidth (MHz), Modulation, RB Size, RB Offset, Average Power (dBm) for 132047, 132322, 132647, 1717.50MHz, 1745.00MHz, 1775.50MHz.

Table with columns: LTE Band, Bandwidth (MHz), Modulation, RB Size, RB Offset, Average Power (dBm) for 20900, 21100, 21300, 2507.5MHz, 2535MHz, 2555MHz.

Table with columns: LTE Band, Bandwidth (MHz), Modulation, RB Size, RB Offset, Average Power (dBm) for 39810, 40185, 40520, 41050, 41440, 2503.0MHz, 2552.5MHz, 2593.0MHz, 2639.0MHz, 2682.0MHz.

Table with columns: LTE Band, Bandwidth (MHz), Modulation, RB Size, RB Offset, Average Power (dBm) for 132072, 132322, 132647, 1720.00MHz, 1745.00MHz, 1775.00MHz.



NR n7 part ant 6 NSA Full Power

NR Band	SCS (KHz)	Bandwidth (MHz)	RB Allocation	Modulation	Average Power (dBm)		
					501000	507000	513000
					2505MHz	2535MHz	2565MHz
n7	30	10	12@6	DFT_BPSK	20.21	20.08	20.11
			1@1	DFT_BPSK	19.91	19.94	20.14
			1@22	DFT_BPSK	20.09	20.15	20.16
			12@6	DFT_QPSK	20.09	20.10	20.17
			1@1	DFT_QPSK	19.88	19.77	20.02
			1@22	DFT_QPSK	20.02	19.98	20.01
			12@6	DFT_QAM16	20.10	20.07	20.20
			1@1	DFT_QAM16	20.13	20.28	20.44
			1@22	DFT_QAM16	20.28	20.36	20.54
			12@6	DFT_QAM64	20.07	20.18	20.29
			1@1	DFT_QAM64	20.20	20.29	20.56
			1@22	DFT_QAM64	20.35	20.60	20.64
			12@6	DFT_QAM256	18.71	18.64	18.75
			1@1	DFT_QAM256	18.90	18.57	19.04
			1@22	DFT_QAM256	18.99	19.04	18.87
			12@6	CP_QPSK	20.10	20.02	20.22
			1@1	CP_QPSK	20.03	19.83	20.22
			1@22	CP_QPSK	20.02	19.94	20.09
			12@6	CP_QAM16	20.09	20.12	20.18
			1@1	CP_QAM16	20.09	19.86	20.16
			1@22	CP_QAM16	20.27	20.02	20.12
			12@6	CP_QAM64	19.79	19.65	19.81
1@1	CP_QAM64	19.99	19.94	20.10			
1@22	CP_QAM64	19.61	20.05	20.18			
12@6	CP_QAM256	16.77	16.70	16.85			
1@1	CP_QAM256	16.74	16.84	16.84			
1@22	CP_QAM256	16.82	16.80	16.83			

NR n66 part ant 6 NSA Full Power

NR Band	SCS (KHz)	Bandwidth (MHz)	RB Allocation	Modulation	Average Power (dBm)		
					343000	349000	355000
					1715MHz	1745MHz	1775MHz
n66	30	10	12@6	DFT_BPSK	20.00	20.22	20.07
			1@1	DFT_BPSK	20.00	20.19	19.89
			1@22	DFT_BPSK	19.97	20.13	20.10
			12@6	DFT_QPSK	20.07	20.34	20.19
			1@1	DFT_QPSK	20.03	20.18	19.91
			1@22	DFT_QPSK	19.83	20.02	20.01
			12@6	DFT_QAM16	20.04	20.30	20.11
			1@1	DFT_QAM16	20.40	20.57	20.05
			1@22	DFT_QAM16	20.27	20.48	20.26
			12@6	DFT_QAM64	19.96	20.41	19.97
			1@1	DFT_QAM64	20.20	20.37	20.14
			1@22	DFT_QAM64	20.16	20.34	20.30
			12@6	DFT_QAM256	18.61	18.89	18.68
			1@1	DFT_QAM256	19.02	19.18	18.70
			1@22	DFT_QAM256	18.80	19.16	19.19
			12@6	CP_QPSK	20.01	20.44	20.28
			1@1	CP_QPSK	20.01	20.22	19.87
			1@22	CP_QPSK	19.96	20.10	20.22
			12@6	CP_QAM16	20.02	20.27	20.16
			1@1	CP_QAM16	19.89	20.10	19.86
			1@22	CP_QAM16	20.02	20.10	20.00
			12@6	CP_QAM64	19.57	19.81	19.61
1@1	CP_QAM64	19.99	19.79	19.60			
1@22	CP_QAM64	19.33	20.03	19.96			
12@6	CP_QAM256	16.50	16.72	16.50			
1@1	CP_QAM256	16.58	16.69	16.50			
1@22	CP_QAM256	16.52	16.69	16.74			

NR Band	SCS (KHz)	Bandwidth (MHz)	RB Allocation	Modulation	Average Power (dBm)		
					501500	507000	512500
					2507.5MHz	2535MHz	2562.5MHz
n7	30	15	18@9	DFT_BPSK	20.12	20.02	20.18
			1@1	DFT_BPSK	20.05	19.79	20.10
			1@36	DFT_BPSK	20.02	20.10	19.95
			18@9	DFT_QPSK	20.07	20.04	20.17
			1@1	DFT_QPSK	19.88	19.69	19.96
			1@36	DFT_QPSK	19.92	19.93	19.99
			18@9	DFT_QAM16	20.10	19.99	20.16
			1@1	DFT_QAM16	20.28	19.94	20.11
			1@36	DFT_QAM16	20.41	20.15	20.18
			18@9	DFT_QAM64	20.10	20.20	20.34
			1@1	DFT_QAM64	20.24	20.14	20.29
			1@36	DFT_QAM64	20.26	20.38	20.30
			18@9	DFT_QAM256	18.65	18.54	18.80
			1@1	DFT_QAM256	18.60	18.59	18.66
			1@36	DFT_QAM256	18.71	18.81	18.77
			18@9	CP_QPSK	20.04	20.15	20.18
			1@1	CP_QPSK	19.92	19.77	20.05
			1@36	CP_QPSK	19.94	20.01	19.99
			18@9	CP_QAM16	20.13	20.03	20.32
			1@1	CP_QAM16	19.87	19.83	20.22
			1@36	CP_QAM16	20.04	20.05	20.18
			18@9	CP_QAM64	19.62	19.55	19.70
1@1	CP_QAM64	19.96	19.86	19.84			
1@36	CP_QAM64	20.01	20.04	19.90			
18@9	CP_QAM256	16.62	16.72	16.78			
1@1	CP_QAM256	16.63	16.63	16.79			
1@36	CP_QAM256	16.76	16.78	16.89			

NR Band	SCS (KHz)	Bandwidth (MHz)	RB Allocation	Modulation	Average Power (dBm)		
					343500	349000	354500
					1717.5MHz	1745MHz	1772.5MHz
n66	30	15	18@9	DFT_BPSK	20.04	20.27	20.00
			1@1	DFT_BPSK	19.94	20.04	19.72
			1@36	DFT_BPSK	19.80	20.09	20.13
			18@9	DFT_QPSK	19.94	20.29	20.03
			1@1	DFT_QPSK	19.94	19.93	19.63
			1@36	DFT_QPSK	19.73	20.00	19.96
			18@9	DFT_QAM16	19.99	20.28	20.04
			1@1	DFT_QAM16	20.16	20.50	20.18
			1@36	DFT_QAM16	19.91	20.40	20.54
			18@9	DFT_QAM64	20.14	20.35	20.17
			1@1	DFT_QAM64	20.12	20.38	19.93
			1@36	DFT_QAM64	19.98	20.30	20.37
			18@9	DFT_QAM256	18.57	18.77	18.55
			1@1	DFT_QAM256	19.01	18.86	18.48
			1@36	DFT_QAM256	18.74	19.01	19.12
			18@9	CP_QPSK	20.04	20.25	19.96
			1@1	CP_QPSK	19.93	20.02	19.84
			1@36	CP_QPSK	19.78	20.11	20.19
			18@9	CP_QAM16	19.99	20.37	20.06
			1@1	CP_QAM16	20.09	19.93	19.69
			1@36	CP_QAM16	19.82	19.97	19.80
			18@9	CP_QAM64	19.54	19.79	19.49
1@1	CP_QAM64	19.94	20.00	19.62			
1@36	CP_QAM64	19.77	19.88	19.86			
18@9	CP_QAM256	16.62	16.71	16.53			
1@1	CP_QAM256	16.59	16.64	16.35			
1@36	CP_QAM256	16.42	16.56	16.60			

NR Band	SCS (KHz)	Bandwidth (MHz)	RB Allocation	Modulation	Average Power (dBm)		
					502000	507000	512000
					2510MHz	2535MHz	2560MHz
n7	30	20	25@12	DFT_BPSK	20.11	20.06	20.20
			1@1	DFT_BPSK	19.95	19.81	20.02
			1@49	DFT_BPSK	19.96	20.05	19.90
			25@12	DFT_QPSK	20.16	20.02	20.18
			1@1	DFT_QPSK	19.73	19.73	20.02
			1@49	DFT_QPSK	19.86	19.94	19.94
			25@12	DFT_QAM16	20.12	20.02	20.15
			1@1	DFT_QAM16	19.97	20.01	20.37
			1@49	DFT_QAM16	20.03	20.33	20.15
			25@12	DFT_QAM64	20.06	20.08	20.22
			1@1	DFT_QAM64	20.08	20.30	20.29
			1@49	DFT_QAM64	20.22	20.58	20.25
			25@12	DFT_QAM256	18.64	18.55	18.69
			1@1	DFT_QAM256	18.82	18.71	18.94
			1@49	DFT_QAM256	18.86	19.02	18.97
			25@12	CP_QPSK	20.08	20.03	20.11
			1@1	CP_QPSK	19.85	19.58	19.93
			1@49	CP_QPSK	19.96	20.13	19.89
			25@12	CP_QAM16	20.02	19.96	20.15
			1@1	CP_QAM16	19.74	19.93	19.91
			1@49	CP_QAM16	19.78	19.95	19.87
			25@12	CP_QAM64	19.49	19.63	19.75
1@1	CP_QAM64	19.87	19.71	19.97			
1@49	CP_QAM64	19.96	20.06	19.52			
25@12	CP_QAM256	16.82	16.67	16.85			
1@1	CP_QAM256	16.61	16.54	16.75			
1@49	CP_QAM256	16.72	16.78	16.78			

NR Band	SCS (KHz)	Bandwidth (MHz)	RB Allocation	Modulation	Average Power (dBm)		
					344000	349000	354000
					1720MHz	1745MHz	1770MHz
n66	30	20	25@12	DFT_BPSK	20.01	20.24	19.54
			1@1	DFT_BPSK	19.93	19.91	19.71
			1@49	DFT_BPSK	19.82	19.96	20.08
			25@12	DFT_QPSK	19.93	20.32	19.90
			1@1	DFT_QPSK	19.79	19.82	19.63
			1@49	DFT_QPSK	19.61	19.83	19.90
			25@12	DFT_QAM16	19.96	20.25	19.96
			1@1	DFT_QAM16	20.18	20.17	20.05
			1@49	DFT_QAM16	20.09	20.13	20.33
			25@12	DFT_QAM64	19.94	20.28	19.94
			1@1	DFT_QAM64	20.13	20.18	19.95
			1@49	DFT_QAM64	20.03	20.19	20.27
			25@12	DFT_QAM256	18.54	18.81	18.37
			1@1	DFT_QAM256	18.66	18.70	18.50
			1@49	DFT_QAM256	18.45	18.70	19.04
			25@12	CP_QPSK	19.95	20.29	19.96
			1@1	CP_QPSK	19.85	19.99	19.70
			1@49	CP_QPSK	19.81	19.87	19.93
			25@12	CP_QAM16	19.91	20.19	19.84
			1@1	CP_QAM16	19.91	19.91	19.71
			1@49	CP_QAM16	19.83	19.95	19.63
			25@12	CP_QAM64	19.53	19.84	19.42
1@1	CP_QAM64	19.81	19.30	19.16			
1@49	CP_QAM64	19.21	19.33	19.42			
25@12	CP_QAM256	16.38	16.75	16.44			
1@1	CP_QAM256	16.46	16.50	16.20			
1@49	CP_QAM256	16.34	16.51	16.56			

NR Band	SCS (KHz)	Bandwidth (MHz)	RB Allocation	Modulation	Average Power (dBm)		
					346000	349000	352000
					1730MHz	1745MHz	1760MHz
n66	30	40	50@25	DFT_BPSK	19.86	20.06	19.95
			1@1	DFT_BPSK	19.54	19.40	19.68
			1@104	DFT_BPSK	19.66	19.30	19.61
			50@25	DFT_QPSK	19.82	20.17	19.89
			1@1	DFT_QPSK	19.45	19.17	19.53
			1@104	DFT_QPSK	19.54	19.27	19.46
			50@25	DFT_QAM16	19.84	20.17	19.97
			1@1	DFT_QAM16	19.83	19.55	20.04
			1@104	DFT_QAM16	19.98	19.63	20.07
			50@25	DFT_QAM64	19.88	20.20	19.98
			1@1	DFT_QAM64	19.75	19.52	20.06
			1@104	DFT_QAM64	19.89	19.62	19.90
			50@25	DFT_QAM256	18.34	18.57	18.47
			1@1	DFT_QAM256	18.24	18.04	18.67
			1@104	DFT_QAM256	18.65	17.96	18.63
			53@26	CP_QPSK	19.89	20.12	19.91
			1@1	CP_QPSK	19.37	19.21	19.74
			1@104	CP_QPSK	19.57	19.24	19.65
			53@26	CP_QAM16	20.06	20.23	19.89
			1@1	CP_QAM16	19.41	19.43	19.55
			1@104	CP_QAM16	19.52	19.33	19.39
			53@26	CP_QAM64	19.49	19.73	19.42
1@1	CP_QAM64	19.42	18.68	19.52			
1@104	CP_QAM64	19.61	18.68	19.45			
53@26	CP_QAM256	16.28	16.50	16.24			
1@1	CP_QAM256	16.05	15.86	16.21			
1@104	CP_QAM256	16.23	15.91	16.19			



ant 13

2.4GWi-Fi ant 13 Full Power

Average Power (dBm)				
Channel	Frequency (MHz)	802.11 b	802.11 g	802.11n (HT20)
CH 01	2412	17.10	14.32	13.18
CH 06	2437	17.57	14.28	13.30
CH 11	2462	16.96	13.77	12.77

Average Power (dBm)		
Channel	Frequency (MHz)	802.11n (HT40)
CH 03	2422	13.24
CH 06	2437	13.15
CH 09	2452	13.18

Bluetooth ant 13 Full Power

Average Power (dBm)				
Channel	Frequency (MHz)	GFSK	$\pi/4$ -DQPSK	8DPSK
CH 00	2402	10.34	10.11	10.39
CH 39	2441	11.36	11.35	11.50
CH 78	2480	11.63	10.85	10.94

Average Power (dBm)				
Channel	Frequency (MHz)	BLE PHY1M	BLE CodedPHY S=2	BLE CodedPHY S=8
CH 00	2402	5.67	5.16	4.95
CH 20	2442	6.71	5.97	5.69
CH 39	2480	6.93	6.23	5.79

Average Power (dBm)		
Channel	Frequency (MHz)	BLE PHY2M
CH 01	2404	5.36
CH 20	2442	6.01
CH 38	2478	6.32

ant 8

2.4GWi-Fi ant 8 Full Power

Average Power (dBm)				
Channel	Frequency (MHz)	802.11 b	802.11 g	802.11n (HT20)
CH 01	2412	17.53	15.06	14.95
CH 06	2437	17.88	15.22	15.13
CH 11	2462	17.64	14.89	14.80

Average Power (dBm)		
Channel	Frequency (MHz)	802.11n (HT40)
CH 03	2422	14.33
CH 06	2437	14.67
CH 09	2452	14.82

Bluetooth ant 8 Full Power

Average Power (dBm)				
Channel	Frequency (MHz)	GFSK	$\pi/4$ -DQPSK	8DPSK
CH 00	2402	7.43	6.69	6.34
CH 39	2441	8.39	7.70	6.88
CH 78	2480	10.45	9.90	9.68

Average Power (dBm)				
Channel	Frequency (MHz)	BLE PHY1M	BLE CodedPHY S=2	BLE CodedPHY S=8
CH 00	2402	3.67	3.60	3.63
CH 20	2442	4.53	4.51	4.50
CH 39	2480	4.52	4.49	4.43

Average Power (dBm)		
Channel	Frequency (MHz)	BLE PHY2M
CH 01	2404	3.65
CH 20	2442	4.48
CH 38	2478	4.62



ANT 13

5.2GWi-Fi ant 13 Full Power

Average Power (dBm)				
Channel	Frequency (MHz)	802.11 a	802.11 ac20	802.11 n20
CH 36	5180	16.35	13.85	15.62
CH 40	5200	16.88	14.00	15.79
CH 48	5240	15.94	13.56	15.25

Average Power (dBm)			
Channel	Frequency (MHz)	802.11 ac40	802.11 n40
CH 38	5190	13.54	14.22
CH 46	5230	13.40	14.27

Average Power (dBm)		
Channel	Frequency (MHz)	802.11 ac80
CH 42	5210	13.12

5.8GWi-Fi ant 13 Full Power

Average Power (dBm)				
Channel	Frequency (MHz)	802.11 a	802.11 ac20	802.11 n20
149	5745	16.00	14.60	14.93
157	5785	16.14	14.43	15.29
165	5825	16.35	14.86	15.17

Average Power (dBm)			
Channel	Frequency (MHz)	802.11 ac40	802.11 n40
151	5755	13.93	14.74
159	5795	14.58	15.44

Average Power (dBm)		
Channel	Frequency (MHz)	802.11 ac80
CH 155	5775	13.78

NFC ANT

Mode	Power (dBm)
NFC	-56.05