



ANT 0

GSM: ant 5 Full Power

Band: GSM 850	Burst Average Power (dBm)			Frame-Average Power(dBm)		
	128	190	251	128	190	251
Channel	824.2	836.6	848.8	824.2	836.6	848.8
Frequency (MHz)	824.2	836.6	848.8	824.2	836.6	848.8
GSM (GMSK, Voice)	32.83	32.92	32.50	23.8	23.89	23.47
GPRS (GMSK, 1 TX slot)	32.84	32.91	32.48	23.81	23.88	23.45
GPRS (GMSK, 2 TX slots)	32.05	32.13	31.71	26.03	26.11	25.69
GPRS (GMSK, 3 TX slots)	30.27	30.33	29.93	26.01	26.07	25.67
GPRS (GMSK, 4 TX slots)	29.18	29.25	28.85	26.17	26.24	25.84
EGPRS (8PSK, 1 TX slot)	27.23	27.09	27.30	18.2	18.06	18.27
EGPRS (8PSK, 2 TX slots)	26.00	25.87	26.20	19.98	19.85	20.18
EGPRS (8PSK, 3 TX slots)	23.93	23.83	23.99	19.67	19.57	19.73
EGPRS (8PSK, 4 TX slots)	22.58	22.49	22.67	19.57	19.48	19.66

GSM: ant 5 Full Power

Band: PCS 1900	Burst Average Power (dBm)			Frame-Average Power(dBm)		
	512	661	810	512	661	810
Channel	1850.2	1880	1909.8	1850.2	1880	1909.8
Frequency (MHz)	1850.2	1880	1909.8	1850.2	1880	1909.8
GSM (GMSK, Voice)	28.28	28.05	27.44	19.25	19.02	18.41
GPRS (GMSK, 1 TX slot)	28.28	28.05	27.46	19.25	19.02	18.43
GPRS (GMSK, 2 TX slots)	27.66	27.52	26.96	21.64	21.50	20.94
GPRS (GMSK, 3 TX slots)	26.22	26.22	25.73	21.96	21.96	21.47
GPRS (GMSK, 4 TX slots)	25.22	25.38	24.94	22.21	22.37	21.93
EGPRS (8PSK, 1 TX slot)	24.29	24.26	24.16	15.26	15.23	15.13
EGPRS (8PSK, 2 TX slots)	23.24	23.10	23.08	17.22	17.08	17.06
EGPRS (8PSK, 3 TX slots)	21.11	21.05	21.06	16.85	16.79	16.80
EGPRS (8PSK, 4 TX slots)	19.87	19.81	19.70	16.86	16.80	16.69

WCDMA: ant 5 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	23.20	23.42	22.87
RMC 12.2 kbps	23.19	23.42	22.96
HSDPA Sub-test 1	23.25	23.46	22.97
HSDPA Sub-test 2	22.73	22.95	22.47
HSDPA Sub-test 3	22.77	23.00	22.53
HSDPA Sub-test 4	22.72	22.95	22.46
HSUPA Sub-test 1	21.23	21.44	20.97
HSUPA Sub-test 2	21.73	21.96	21.47
HSUPA Sub-test 3	22.24	22.46	21.99
HSUPA Sub-test 4	21.27	21.46	21.01
HSUPA Sub-test 5	23.25	23.48	23.01

WCDMA: ant 5 Full Power

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	22.76	22.93	23.00	22.84	22.94	22.83
RMC 12.2 kbps	22.79	22.97	23.03	22.85	22.94	22.90
HSDPA Sub-test 1	22.80	23.01	23.05	22.85	23.01	22.88
HSDPA Sub-test 2	22.27	22.51	22.58	22.31	22.41	22.32
HSDPA Sub-test 3	22.35	22.56	22.63	22.34	22.44	22.38
HSDPA Sub-test 4	22.29	22.51	22.58	22.31	22.38	22.38
HSUPA Sub-test 1	20.74	20.93	21.08	20.77	20.93	20.81
HSUPA Sub-test 2	21.24	21.43	21.59	21.29	21.44	21.34
HSUPA Sub-test 3	21.74	21.92	22.06	21.82	21.96	21.82
HSUPA Sub-test 4	20.74	20.94	21.08	20.84	20.96	20.85
HSUPA Sub-test 5	22.75	22.95	23.06	22.83	22.94	22.82



ANT 3

LTE Band 2 part ant 3 ENDC Power

Table with columns: LTE Band, Bandwidth (MHz), Modulation, RB Size, RB Offset, Average Power (dBm) for RBs 1-25. Includes sub-tables for QPSK, 16QAM, and 64QAM.

LTE Band 7 part ant 3 ENDC Power

Table with columns: LTE Band, Bandwidth (MHz), Modulation, RB Size, RB Offset, Average Power (dBm) for RBs 1-25. Includes sub-tables for QPSK, 16QAM, and 64QAM.

LTE Band 41 part ant 3 ENDC Power

Table with columns: LTE Band, Bandwidth (MHz), Modulation, RB Size, RB Offset, Average Power (dBm) for RBs 1-25. Includes sub-tables for QPSK, 16QAM, and 64QAM.

LTE Band 66 part ant 3 ENDC Power

Table with columns: LTE Band, Bandwidth (MHz), Modulation, RB Size, RB Offset, Average Power (dBm) for RBs 1-25. Includes sub-tables for QPSK, 16QAM, and 64QAM.



ANT 0

Station	Antenna	Frequency	Power	Antenna	Frequency	Power	Antenna	Frequency	Power	Antenna	Frequency	Power
Station 01	Antenna 01	147.000	100W	Antenna 01	147.000	100W	Antenna 01	147.000	100W	Antenna 01	147.000	100W
		147.000	100W		147.000	100W		147.000	100W			
		147.000	100W		147.000	100W		147.000	100W			
		147.000	100W		147.000	100W		147.000	100W			
Station 02	Antenna 02	147.000	100W	Antenna 02	147.000	100W	Antenna 02	147.000	100W	Antenna 02	147.000	100W
		147.000	100W		147.000	100W		147.000	100W			
		147.000	100W		147.000	100W		147.000	100W			
		147.000	100W		147.000	100W		147.000	100W			
Station 03	Antenna 03	147.000	100W	Antenna 03	147.000	100W	Antenna 03	147.000	100W	Antenna 03	147.000	100W
		147.000	100W		147.000	100W		147.000	100W			
		147.000	100W		147.000	100W		147.000	100W			
		147.000	100W		147.000	100W		147.000	100W			
Station 04	Antenna 04	147.000	100W	Antenna 04	147.000	100W	Antenna 04	147.000	100W	Antenna 04	147.000	100W
		147.000	100W		147.000	100W		147.000	100W			
		147.000	100W		147.000	100W		147.000	100W			
		147.000	100W		147.000	100W		147.000	100W			



ANT 12

2.4GWi-Fi ant 12 Full Power

Average Power (dBm)				
Channel	Frequency (MHz)	802.11 b	802.11 g	802.11n (HT20)
CH 01	2412	16.18	13.83	13.73
CH 06	2437	16.3	14.2	14.28
CH 11	2462	16.45	14.24	14.33

Average Power (dBm)		
Channel	Frequency (MHz)	802.11n (HT40)
CH 03	2422	13.24
CH 06	2437	13.44
CH 09	2452	13.35

Bluetooth ant 12 Full Power

Average Power (dBm)				
Channel	Frequency (MHz)	GFSK	$\pi/4$ -DQPSK	8DPSK
CH 00	2402	3.44	4.37	4.22
CH 39	2441	4.24	5.28	5.11
CH 78	2480	5.60	4.84	4.72

Average Power (dBm)				
Channel	Frequency (MHz)	BLE PHY1M	BLE CodedPHY S=2	BLE CodedPHY S=8
CH 00	2402	1.17	1.15	1.13
CH 20	2442	2.13	2.10	2.10
CH 39	2480	1.55	1.53	1.52

Average Power (dBm)		
Channel	Frequency (MHz)	BLE PHY2M
CH 01	2404	1.09
CH 20	2442	1.96
CH 38	2478	1.67

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	15.9	13.86	13.67
CH 06	2437	16.01	14.07	13.47
CH 11	2462	16.19	13.97	13.93

Average Power (dBm)		
Channel	Frequency (MHz)	802.11n (HT40)
CH 03	2422	13.06
CH 06	2437	13.21
CH 09	2452	13.15

Bluetooth ant 13 Full Power

Average Power (dBm)				
Channel	Frequency (MHz)	GFSK	$\pi/4$ -DQPSK	8DPSK
CH 00	2402	3.35	2.38	2.28
CH 39	2441	4.37	3.49	3.29
CH 78	2480	3.69	2.75	2.53

Average Power (dBm)				
Channel	Frequency (MHz)	BLE PHY1M	BLE CodedPHY S=2	BLE CodedPHY S=8
CH 00	2402	1.79	1.79	1.78
CH 20	2442	2.87	2.85	2.83
CH 39	2480	2.00	1.98	1.96

Average Power (dBm)		
Channel	Frequency (MHz)	BLE PHY2M
CH 01	2404	1.75
CH 20	2442	2.75
CH 38	2478	2.14



ANT 12

5.2GWi-Fi ant 12 Full Power

Average Power (dBm)				
Channel	Frequency (MHz)	802.11 a	802.11 ac20	802.11 n20
CH 36	5180	12.99	13.11	13.01
CH 40	5200	13.2	13.41	13.2
CH 48	5240	13.23	13.23	13.19

Average Power (dBm)			
Channel	Frequency (MHz)	802.11 ac40	802.11 n40
CH 38	5190	13.34	12.78
CH 46	5230	13.26	13.41

Average Power (dBm)		
Channel	Frequency (MHz)	802.11 ac80
CH 42	5210	13.13

5.3GWi-Fi ant 12 Full Power

Average Power (dBm)				
Channel	Frequency (MHz)	802.11 a	802.11 ac20	802.11 n20
CH 52	5260	13.82	13.65	13.69
CH 56	5280	13.77	13.59	13.62
CH 64	5320	14.07	13.88	13.91

Average Power (dBm)			
Channel	Frequency (MHz)	802.11 ac40	802.11 n40
CH 54	5270	13.64	13.64
CH 62	5310	13.68	13.73

Average Power (dBm)		
Channel	Frequency (MHz)	802.11 ac80
CH 58	5290	13.39

5.6GWi-Fi ant 12 Full Power

Average Power (dBm)				
Channel	Frequency (MHz)	802.11 a	802.11 ac20	802.11 n20
CH 100	5500	13.83	13.22	13.9
CH 120	5600	13.91	12.8	13.61
CH 140	5700	13.92	13.16	14.25

Average Power (dBm)			
Channel	Frequency (MHz)	802.11 ac40	802.11 n40
CH 102	5510	12.96	14.02
CH 118	5590	12.83	13.5
CH 134	5670	13.3	13.5

Average Power (dBm)		
Channel	Frequency (MHz)	802.11 ac80
CH 106	5530	12.88
CH 122	5610	12.65

5.8GWi-Fi ant 12 Full Power

Average Power (dBm)				
Channel	Frequency (MHz)	802.11 a	802.11 ac20	802.11 n20
CH 149	5745	13.24	12.39	13.09
CH 157	5785	13.84	13.06	14.03
CH 165	5825	14.44	13.27	14.36

Average Power (dBm)			
Channel	Frequency (MHz)	802.11 ac40	802.11 n40
CH 151	5755	12.34	13.84
CH 159	5795	12.8	13.84

Average Power (dBm)		
Channel	Frequency (MHz)	802.11 ac80
CH 155	5775	13.23

NFC ANT

Mode	Power (dBm)
NFC	-59.06