

Max. RF Conducted Power:

1.660 W (32.20 dBm) GSM/GPRS/EGPRS 850
0.724 W (28.60 dBm) PCS/GPRS/EGPRS 1900
0.160 W (22.05 dBm) WCDMA/HSDPA Band V
0.238 W (23.77 dBm) WCDMA/HSDPA Band II
0.068 W (18.31 dBm) Wi-Fi 802.11b
0.056 W (17.45 dBm) Wi-Fi 802.11g
0.024 W (3.952 dBm) BT 2.0
0.015 W (1.810 dBm) BT EDR

BT Antenna and WLAN Antenna 4.5cm
BT Antenna and GSM(License) Antenna 2.6cm
WAN Antenna and GSM(License) Antenna 8.0cm

BT and GSM and WLAN simultaneously SAR Description

(1) Antenna Distance

1a.BT & GSM 2.6 CM >2.5cm

1b.BT & WLAN 4.5CM >2.5cm

(2) BT Power <Pref and antenna-to-antenna is >2.5 cm. ~ BT Stand alone SAR is not required.

(3) WLAN > 2*Pref and antenna-to-antenna < 5.0 cm. ~ WLAN Stand alone SAR is required.

(4) Cell/PCS Stand alone SAR is required due to routine evaluation requirements.

(5) WLAN Stand alone SAR and License Device Stand alone SAR

$$1.47+0.042 = 1.512\text{mW} < 1.6\text{mW}$$

when the sum of the 1-g SAR is < 1.6 W/kg for all simultaneous transmitting antennas

$$1.512/8=0.189 < 0.3$$

The SAR to antenna separation ratio of simultaneous transmitting antenna pair is < 0.3

