



Max. RF Conducted Power:

1.660 W (32.00 dBm) GSM/GPRS/EGPRS 850
0.813 W (29.10 dBm) PCS/GPRS/EGPRS 1900
0.166 W (22.20 dBm) WCDMA/HSDPA/HSUPA Band V
0.238 W (23.00 dBm) WCDMA/HSDPA/HSUPA Band II
0.069 W (18.40 dBm) Wi-Fi 802.11b
0.056 W (17.52 dBm) Wi-Fi 802.11g
0.024 W (3.952 dBm) BT 2.0
0.015 W (1.810 dBm) BT EDR

BT and GSM and WLAN simultaneously SAR Description

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

(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

$$1.470 \text{ (GPRS 850 Body)} + 0.067 \text{ (Wi-Fi 802.11b)} = 1.537\text{mW} < 1.6\text{mW}$$

when the sum of the 1-g SAR is < 1.6 W/kg for all simultaneous transmitting antennas $1.537/8=0.189 < 0.3$

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

