

Date : December 07, 2011

Ref. No :

Subject : RADIO FREQUENCY EXPOSURE

Reference: FCC ID: UP4-GBT-T200

1 RF Exposure Limit

According to the FCC rule §1.1310, the limit for General Population/Uncontrolled exposure is 1 mW/cm² for the device operating 1 500 ~ 100 000 MHz.

2 EUT Description

Kind of EUT	FM Transmitter with Bluetooth module
Operating Frequency Band	<input type="checkbox"/> WLAN: 2 400 MHz ~ 2 483.5 MHz <input type="checkbox"/> WLAN: 5 180 MHz ~ 5 320 MHz / 5 500 MHz ~ 5 700 MHz <input type="checkbox"/> WLAN: 5 745 MHz ~ 5 825 MHz <input checked="" type="checkbox"/> Bluetooth: 2 400 MHz ~ 2 483.5 MHz
Max. Output Power	2.30 dBm (1.698 mW)
Used Antenna	Internal PCB Antenna
Used Antenna Gain	-4.44 dBi

3 Test Result

SAR evaluation is not required for the device while its maximum output power is lower than threshold:

$$60/f(\text{GHz}) = 60/2.480 = 24.19 \text{ mW.}$$

So, the device meets the RF exposure requirement.