

F Exposure Requirements

Product Description: Carbon ARM

Model No.: MGS101-02

FCC ID: 2ADZ7MGS10102

According to the KDB 447498 D01 V05r02, the following RF exposure evaluation shall to demonstrate RF exposure compliance.

For Wi-Fi (802.11b/g/n)

Tx frequency range: 2412-2472MHz

Device category: Portable device (Distance: 5mm)

Maximum Conducted Output Power: 9.23dBm

Maximum Output Power: 8.38mW

Limit: 10mW

Source-based time-averaged output power is 8.38mW < 10mW

For BT (EDR mode)

Tx frequency range: 2402-2480MHz

Device category: Portable device (Distance: 5mm)

Maximum Conducted Output Power: -7.46dBm

Maximum Output Power: 0.18mW

Limit: 10mW

Source-based time-averaged output power is 0.18mW < 10mW

For BT (BLE mode)

Tx frequency range: 2402-2480MHz

Device category: Portable device (Distance: 5mm)

Maximum Conducted Output Power: 1.525dBm

Maximum Output Power: 1.42mW

Limit: 10mW

Source-based time-averaged output power is 1.42mW < 10mW

So the transmitter complies with the RF exposure requirements and the SAR is not required.