

RF Exposure Requirements

Product Description: MID

Model No.: S843D

FCC ID: XFM-S843D

According to the KDB-447498 D01 V05, the following RF exposure evaluation shall to demonstrate RF exposure compliance.

Bluetooth

Tx frequency range: 2402~2480MHz

Device category: Portable device (Distance: 5mm)

Maximum Conducted Output Power: -2.268 dBm

Maximum Antenna Gain: 2 dBi

Maximum EIRP Output Power: 0.9402 mW (-0.268 dBm)

Limit: 10mW

Source-based time-averaged EIRP output power is $0.9402 \text{ mW} < 10 \text{ mW}$

Wi-Fi (802.11b/g/n)

Tx frequency range: 2412~2462MHz

Device category: Portable device (Distance: 5mm)

Maximum Conducted Output Power: 7.97 dBm

Maximum Antenna Gain: 2 dBi

Maximum EIRP Output Power: 9.9312 mW (9.97 dBm)

Limit: 10mW

Source-based time-averaged EIRP output power is $9.9312 \text{ mW} < 10 \text{ mW}$

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