

RF Exposure Requirements

Product Description: Bluetooth Headset

Model No.: J05

FCC ID: RDRJ05

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

Bluetooth (EDR)

Tx frequency range: 2402~2480MHz

Device category: Portable device

Maximum Conducted Output Power: 9.465dBm (8.84 mW)

Time-averaged maximum output power: 6.154 mW

Minimum Distance: 5mm

Limit: 10mW

Source-based time-averaged maximum output power is 6.154 mW < 10 mW

Bluetooth (BLE)

Tx frequency range: 2402~2480MHz

Device category: Portable device

Maximum Conducted Output Power: 10.22dBm (10.52mW)

Time-averaged maximum output power: 6.6 mW

Minimum Distance: 5mm

Limit: 10mW

Source-based time-averaged maximum output power is 6.6mW < 10 mW

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