

RF Exposure Requirements

Product Description: Bluetooth Headset

Model No.: QY8

FCC ID: RDRQY8

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

Bluetooth (EDR mode)

Tx frequency range: 2402~2480MHz

Device category: Portable device (Distance: 5mm)

Maximum Conducted Output Power: 3.101 dBm

Maximum Output Power: 2.042mW

Limit: 10mW

Source-based time-averaged output power is $2.042\text{mW} < 10\text{ mW}$

Bluetooth (BLE mode)

Tx frequency range: 2402~2480MHz

Device category: Portable device (Distance: 5mm)

Maximum Conducted Output Power: 3.657 dBm

Maximum Output Power: 2.321mW

Limit: 10mW

Source-based time-averaged output power is $2.321\text{mW} < 10\text{ mW}$

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