

RF Exposure Requirements

Product Description: Qoopers

Model No.: RB-00002

FCC ID: 2AOHL-RB00002

According to the KDB 447498 D01 V06, the following RF exposure evaluation shall to demonstrate RF exposure compliance.

Bluetooth V4.0 LE Technique

Tx frequency range: 2402~2480MHz

Type of Modulation: GFSK

Device category: Portable device (Distance: 5mm)

The maximum conducted output power: -0.16 dBm

The maximum conducted output power specified is 0 dBm

Tolerance: ± 1 dB

The source- based time-averaging conducted output power

$= (0 + 1) * \text{Duty cycle mW} = 1.2589 \text{ mW}$ (Duty Cycle $\leq 100\%$)

Maximum Conducted Output Power: 1.2589 mW

Limit: 10mW

Source-based time-averaged Conducted output power is $1.2589 \text{ mW} < 10 \text{ mW}$

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