

RF Exposure Requirements

Product Description: ONEBOT Programming Master

Model No.: AIQIEDU-C

FCC ID: 2ALJ6-AIQIEDU-C

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

Bluetooth V4.2 LE Technique

Frequency Range: 2402 MHz to 2480 MHz

Type of Modulation: GFSK

Device category: Portable device (Distance: 5mm)

The maximum conducted output power tested: -1.87dBm

The conducted output power specified is -2 dBm

Tolerance: ± 1 dB

Limit: 10mW The source- based time-averaging conducted output power

= $(-1) * \text{Duty cycle dBm} = 0.7943 \text{ mW}$ (Duty Cycle $\leq 100\%$)

Maximum Conducted Output Power: 0.7943 mW

Source-based time-averaged Conducted output power is $0.7943 \text{ mW} < 10\text{mW}$

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