

RF Exposure Requirements

Product Description: TWS earbuds with charging case

Model No.: TWS06

FCC ID: 2AO23-TWS06

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

Bluetooth BR & EDR

Frequency Range: 2402 MHz to 2480 MHz

Type of Modulation: GFSK, $\pi/4$ DQPSK

Device category: Portable device (Distance: 5mm)

The conducted output power specified is 4 dBm

Tolerance: ± 1 dB

The source- based time-averaging conducted output power

$$= (4 + 1) * \text{Duty cycle mW} = 3.16 \text{ mW} \text{ (Duty Cycle} \leqslant 100\%)$$

Maximum Conducted Output Power: 3.162 mW

Limit: 10mW

Source-based time-averaged Conducted output power is 3.162 mW < 10mW

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