

RF Exposure Requirements

Product Description: Noise Canceling True Wireless Earbuds

Model No.: TWS04

Model No.: TWS04PBLUE, TWS04SGOLD

FCC ID: 2AO23-TWS04

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

Bluetooth BR & EDR

Frequency Range: 2402 MHz to 2480 MHz

Type of Modulation: GFSK, $\pi/4$ DQPSK, 8DPSK

Device category: Portable device (Distance: 5mm)

The conducted output power specified is 6 dBm

Tolerance: ± 1 dB

The source- based time-averaging conducted output power

$= (7 + 1) * \text{Duty cycle mW} = 5.01 \text{ mW}$ (Duty Cycle $\leq 100\%$)

Maximum Conducted Output Power: 5.01 mW

Limit: 10mW

Source-based time-averaged Conducted output power is $5.01 \text{ mW} < 10\text{mW}$

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