

RF Exposure Requirements

Product Description: TRUE WIRELESS EARBUD

Earbud Model No.:TW15

Charging case Model No.:TW16

FCC ID: 2AO23-TW15

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

Bluetooth EDR Technique

Frequency Range: 2402 MHz to 2480 MHz

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

Device category: Portable device (Distance: 5mm)

The maximum conducted output power tested: 8.683dBm

The conducted output power specified is 6 dBm

Tolerance: ± 3 dB

The source- based time-averaging conducted output power

$= (6 + 3) * \text{Duty cycle mW} = 7.94 \text{ mW}$ (Duty Cycle $\leq 100\%$)

Maximum Conducted Output Power: 7.94 mW

Limit: 10mW

Source-based time-averaged Conducted output power is $7.94 \text{ mW} < 10\text{mW}$

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