

RF Exposure Requirements

Product Description: Bluetooth earphone

Model No.: BE1001

FCC ID: 2AE3CBE1001

According to the KDB 447498 D01 V05r02, the following RF exposure evaluation shall to demonstrate RF exposure compliance.

Bluetooth

Tx frequency range: 2402~2480MHz

Device category: Portable device (Distance: 5mm)

Maximum Conducted Output Power: 5.699dBm

Maximum Antenna Gain: 0dBi

Maximum EIRP Output Power: 3.7145mW (5.699dBm)

Limit: 10mW

Source-based time-averaged EIRP output power is $3.7145\text{mW} < 10\text{mW}$

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