

RF Exposure Requirements

Product Description: Bluetooth Speaker

Model No.: F1

FCC ID: 2ABM9F1

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

Bluetooth (EDR mode)

Tx frequency range: 2402~2480MHz

Device category: Portable device (Distance: 5mm)

Maximum Conducted Output Power: 2.679 dBm

Maximum Output Power: 1.85mW

Limit: 10mW

Source-based time-averaged output power is $1.85\text{mW} < 10\text{ mW}$

Bluetooth (BLE mode)

Tx frequency range: 2402~2480MHz

Device category: Portable device (Distance: 5mm)

Maximum Conducted Output Power: 0.273 dBm

Maximum Output Power: 1.06mW

Limit: 10mW

Source-based time-averaged output power is $1.06\text{mW} < 10\text{ mW}$

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