

RF Exposure Requirements

Product Description: Bluetooth Speaker

Model No.: IMW255

FCC ID: SF4-IMW255

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: Removable device

Maximum Conducted Output Power: 3.497 dBm

Maximum Output Power: 2.24 mW

Minimum Distance: 5mm

Limit: 10mW

Source-based time-averaged output power is $2.24 \text{ mW} < 10 \text{ mW}$

Bluetooth (BLE mode)

Tx frequency range: 2402~2480MHz

Device category: Removable device

Maximum Conducted Output Power: 7.573 dBm

Maximum Output Power: 5.719 mW

Minimum Distance: 5mm

Limit: 10mW

Source-based time-averaged output power is $5.719 \text{ mW} < 10 \text{ mW}$

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