

RF Exposure Requirements

Product Description: Bluetooth speaker

Model No.: C1

FCC ID: R2GC1

According to the KDB-447498 D01 V06, 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: -2.064dBm

Maximum Antenna Gain: 0.5dBi

Maximum Output Power: 0.6976mW (-1.564dBm)

Limit: 10mW

Source-based time-averaged output power is $0.6976\text{mW} < 10\text{mW}$

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