

RF Exposure Requirements

Product Description: Bluetooth Speaker
Model No.: Blufiniti
FCC ID: 2AAP8BLUFINITI

According to the KDB-4474498 D01 V05r02, the following RF exposure evaluation shall to demonstrate RF exposure compliance.

Bluetooth (Classic mode)

Tx frequency range: 2402~2480MHz
Device category: Removable device
Maximum Conducted Output Power: 7.97 dBm
Maximum Output Power: 6.3 mW
Minimum Distance: 5 mm
Limit: 10 mW
Source-based time-averaged output power is 6.3 mW <10 mW

Bluetooth (BLE mode)

Tx frequency range: 2402~2480MHz
Device category: Removable device
Maximum Conducted Output Power: 7.88 dBm
Maximum Output Power: 6.1 mW
Minimum Distance: 5 mm
Limit: 10 mW
Source-based time-averaged output power is 6.1 mW <10 mW

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