

RF Exposure Requirements

Product Description: Bluetooth speaker

Model No.: CBT-XXX ("X" can be 0-9, A-Z, or blank for custom code)

FCC ID: 2AMCB-CBT

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)

The maximum conducted output power tested: -1.51 dBm

The conducted output power specified is -1.5 dBm

Tolerance: ± 2 dB

Maximum conducted output power, adjusted for tune-up tolerance:

$= (-1.5 + 2) \text{ dBm} = 1.12 \text{ mW}$ (Duty Cycle $\leq 100\%$)

Limit: 10mW

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