

RF Exposure Requirements

Product Description: Tornado Bluetooth Speaker

Model No.: XG21001

FCC ID: YOA-XG21001

According to the KDB-447498 D01 V05, 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: 1.5353mW(1.862dBm)

Maximum Antenna Gain: -3 dBi

Maximum EIRP Output Power: 0.7695mW(-1.138dBm)

Limit: 10mW

Source-based time-averaged EIRP output power is $0.7695\text{mW} < 10\text{mW}$

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