

## RF Exposure Requirements

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Product Description: LM506 Bluetooth 4.0 Class 1 Nano USB Adapter

Model No.: 506-050x

FCC ID: VVXLM506-5011

According to the KDB-447498 D01 V05r02, the following RF exposure evaluation shall to demonstrate RF exposure compliance.

### **Bluetooth (EDR)**

Tx frequency range: 2402~2480MHz

Device category: Removable device

Maximum Conducted Output Power: 12.55dBm (17.989mW)

Time-averaged maximum output power: 5.397 mW

Minimum Distance: 5mm

Limit: 10mW

Source-based time-averaged maximum output power is  $5.397 \text{ mW} < 10 \text{ mW}$

### **Bluetooth (BLE)**

Tx frequency range: 2402~2480MHz

Device category: Removable device

Maximum Conducted Output Power: 7.38dBm (5.962mW)

Time-averaged maximum output power: 2.0877 mW

Minimum Distance: 5mm

Limit: 10mW

Source-based time-averaged maximum output power is  $2.087 \text{ mW} < 10 \text{ mW}$

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