

RF Exposure Requirements

Product Description: Visual IR Thermometer

Model No.: TVT280, TSD200

FCC ID: 2ALZ6-TVT280

According to the KDB 447498 D01 v06, the following RF exposure evaluation shall to demonstrate RF exposure compliance.

Wi-Fi

Tx frequency range: 2412~2462MHz

Device category: Portable device (Distance: 5mm)

Maximum Conducted Output Power: 9.44dBm

Maximum Conducted Output Power: 8.79 mW

Limit: 10mW

Source-based time-averaged Conducted output power is $8.79\text{mW} < 10\text{mW}$

Bluetooth

Tx frequency range: 2402~2480MHz

Device category: Portable device (Distance: 5mm)

Maximum Conducted Output Power: 1.691dBm

Maximum Conducted Output Power: 1.48 mW

Limit: 10mW

Source-based time-averaged Conducted output power is $1.48\text{mW} < 10\text{mW}$

WiFi and BT also can't transmit at the same time. So the transmitter complies with the RF exposure requirements and the SAR is not required.