

RF Exposure Requirements

Product Description: Digital proportional remote controller

Model No.: X4

FCC ID: TZVX4

According to the KDB-447498 D01 V05, the following RF exposure evaluation shall to demonstrate RF exposure compliance.

Bluetooth

Tx frequency range: 2405~2475MHz

Device category: Portable Device

Maximum Conducted Output Power: 11.76dBm (14.9968 mW)

Maximum Antenna Gain: 2 dBi

Maximum EIRP Output Power: 13.76dBm (23.7684 mW)

Minimum Distance: 50mm

Limit: 96mW

Source-based time-averaged EIRP output power is $23.7684\text{mW} < 96\text{ mW}$

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