

RF Exposure Requirements

Product Description: RADIO CONTROL SYSTEM

Model No.: WFT09II

FCC ID: TZVWFT09II

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

Tx frequency range: 2411~2470MHz

Antenna-to-tissue separation: <20 cm

Max. Antenna Gain: 2dBi

Maximum Output Power: 18.072 mW (at the 2411MHz channel)

Maximum Duty Factor: Max. 100%

$60/f(\text{GHz}) \text{ mW} = 24.88 \text{ mW}$

Source-based time-averaged conducted output power is 18.072 mW $\leq 60/f$

Therefore, the transmitter complied with the RF exposure requirements and the SAR is not required.