

RF Exposure Requirements

Product Description: Wireless USB Dongle

Model No.: AWUN2410

FCC ID: TKZAWUN2410

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

Tx frequency range: 2412~2462MHz

Antenna-to-tissue separation: <20 cm

Maximum Conducted Output Power: 14.27dBm (at the 2462MHz channel of 802.11g mode)

Antenna Gain: -2dBi

Maximum Output Power: 16.866mW

Maximum Duty Factor: 100%

$60/f(\text{GHz}) \text{ mW} = 24.37 \text{ mW}$

Source-based time-averaged conducted output power is 16.866 mW =< 60/f

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