

RF Exposure Requirements

Product Description: Wireless N150 USB Adapter

Model No.: ENUWI-1XN42

FCC ID: YZ500000004

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

Antenna Gain: 5dBi

Maximum Output Power: 6.59dBm (Conducted)

Maximum Output Power: 11.59dBm or 14.42mW (EIRP)

Maximum Duty Factor: 100%

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

Source-based time-averaged conducted output power is $14.42 \text{ mW} \leq 60/f$

So the transmitter is comply the RF exposure requirements and the SAR in not required.