

RF Exposure Requirements

Product Description: Wireless N300 USB Adapter

Model No.: ENUWI-2XN42

FCC ID: YZ500000005

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 Total Output Power: 8.42dBm (Conducted)

Maximum Total Output Power: 13.42dBm or 21.98mW (EIRP)

Maximum Duty Factor: 100%

$60/f(\text{GHz}) \text{ mW} = 24.87 \text{ mW}$

Source-based time-averaged conducted output power is $21.98 \text{ mW} \leq 60/f$

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