

RF Exposure Requirements

Product Description: MID

Model No.: MID1107CM

FCC ID: M7CMID008

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: 10.29 dBm (at the 2437MHz channel of 802.11b mode)

Antenna Gain: 2 dBi

Maximum Output Power: 16.9434 mW (EIRP)

Maximum Duty Factor: 100%

$60/f(\text{GHz}) \text{ mW} = 24.62 \text{ mW}$

Source-based time-averaged conducted output power is 16.9434 mW $\leq 60/f$

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