

RF Exposure Requirements

Product Description: MID
Model No.: ZT-180 10AR
FCC ID: ZAXZT-18010AR

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 Output Power: 17.66mW (at the 2412MHz channel of 802.11n HT20 mode)
Maximum Duty Factor: 100%
 $60/f(\text{GHz}) \text{ mW} = 24.95 \text{ mW}$
Source-based time-averaged conducted output power is 17.66 mW $\leq 60/f$

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