

INTERTEK TESTING SERVICES

Radio Frequency Radiation Exposure, FCC Rule 15.247(i):

The EUT is a MID with WiFi unit used in portable application, less than 20 cm from any body part of the user or near by persons.

The power thresholds for source-based time-averaging Conducted output power (in the worst-case 802.11n-20M 2412MHz)
= 12.8dBm

And SAR Low Threshold Level:

$$\begin{aligned} 60/f \text{ (GHz)} &= 60/2.45 \\ &= 24.5\text{mW} \\ &= 13.9\text{dBm} \end{aligned}$$

Since 12.8dBm is well below the SAR low threshold level, so the EUT is considered to comply with SAR requirement without testing.