

## FCC MPE Evaluation (FCC ID: 2A3CM-MIP-1000)

<b>RF Exposure Requirements:</b>	47 CFR §1.1307(b)
<b>RF Radiation Exposure Limits:</b>	47 CFR §1.1310
<b>RF Radiation Exposure Guidelines:</b>	FCC OST/OET Bulletin Number 65
<b>EUT Frequency Band:</b>	2402-2480MHz

### Equation:

According to the procedure in KDB447498 (v05r02) section 4.3,

1g-SAR testing is excluded if the following criteria is met.

$$(P/d)^* \sqrt{f} \leq 3.0 \text{ for 1-g SAR}$$

10g-SAR testing is excluded if the following criteria is met.

$$(P/d)^* \sqrt{f} \leq 7.5 \text{ for 10-g SAR}$$

Where

P is the time averaged maximum conducted power in mW

d minimum separation distance in mm

f is the frequency in GHz

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The distance between the antenna and human body is 5 mm. The calculation was based on the distance of 5 mm.

Radio	Frequency (MHz)	Max E.I.R.P (dBm)	Max Conducted Output Power (mW)	Maximum Source-based Duty Cycle (%)	Max source-based average output power (mW)	Measurement distance (mm)	Test Exclusion Threshold Result
BLE	2402-2480	-0.939	0.8056	100%	0.8056	5	0.250

The above results show that the device is excluded for both standalone 1g-SAR and 10g-SAR testing.

The above results show that the device is excluded for both simultaneous 1g-SAR and 10g-SAR testing.

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