

1 Safety Human Exposure

1.1 Radio Frequency Exposure Compliance

1.1.1 Electromagnetic Fields

RESULT:

Pass

Test Specification

Test standard

: CFR47 FCC Part 2: Section 2.1093
CFR47 FCC Part 1: Section 1.1310
FCC KDB Publication 447498 v06

➤ **FCC requirements**

FCC requirement: Systems operating under the provisions of this section shall be operated in a manner that ensures that the public is not exposed to radio frequency energy level in excess limit for maximum permissible exposure. In accordance with 47 CFR FCC Part 2 Subpart J, section 2.1093 this device has been defined as a portable device.

a) **EUT RF Exposure Evaluation operations**

Test Mode	Measured Peak Power (mW)	Distance (<5mm)	Threshold Power (mW)	SAR required?
433.1MHz	0.002	7.0	22	No

Note: The fundamental emission is 67.68dBµV/m@3m, i.e 0.002mW, much less than threshold power. SAR is exempted.