

Appendix C. Maximum Permissible Exposure

1. Maximum Permissible Exposure

1.1. Applicable Standard

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 levels 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.

1.2. Assessment Result

The average power emitted by EUT operating is less than $60/f(\text{GHz})$ then the EUT is deemed to comply with RF exposure evaluation.

Max Peak Conducted Power for Hopping: 17.29 dBm

Antenna Gain (dBi)	Peak Output Power (dBm)	Correction Factor (dB)	Time Average Power (dBm)	$10\log (60/f)$ (dBm)	Test Result
0	17.29	-11.9	5.39	13.9	Complies

Note 1: Time Average Power = Peak Conducted Power + Antenna Gain + Correction Factor

Note 2: Correction Factor = $10\log (410/6375) = -11.9$ dB (Base on manufacturer's data frame structure.)

Note 3: $10\log (60/f)$, $f = 2.438$ GHz