

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. Field Strength (dBuV/m)	Peak EIRP Power (dBm)	Correction Factor (dB)	Time Average Power (dBm)	$10\log(60/f)$ (dBm)	Test Result
115.23	20.00	-11.2	8.8	13.9	Complies

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

Note 2: Correction Factor = $10\log(270/3590) = -11.2$ dB

Note 3: $10\log(60/f)$, $f = 2.441$ GHz