

RF Exposure Requirements

RF Exposure Requirements: **§1.1307(b)(1) and §1.1307(b)(2):** 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 of the Commission's guidelines.

RF Radiation Exposure Limit: **§1.1310:** As specified in this section, the Maximum Permissible Exposure (MPE) Limit shall be used to evaluate the environmental impact of human exposure to radiofrequency (RF) radiation as specified in Sec. 1.1307(b).

FCC									
Frequency (MHz)	EIRP (dBm)	EIRP (mW)	Ant. Gain (dBi)	Ant. Gain numeric	Pwr. Density (mW/cm ²)	Limit (mW/cm ²)	Margin	Distance (cm)	Result
3693.4	28.8573	768.652	5.01	3.17	0.48469	1	0.51531	20	Pass
3678.4	29.9273	983.4	7.01	5.023	0.98279	1	0.01721	20	Pass

The module is qualified with two antennas, 2 dBi and 4 dBi. The 4dBi is for use on a mobile / non-body worn application under the following conditions:

- 1) Antennas are not co-located (20 cm minimum separation)
- 2) User is 20 cm away from the equipment