

Section 15.247 (b) (4)

Requirement:

Spread spectrum devices 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. See §1.1307 (b) and 2.1093 of this chapter. All equipment shall be considered to operate in a "general population /uncontrolled" environment. Applications for equipment authorization of devices operating under this section must contain a statement confirming compliance with these requirements for both fundamental emissions and unwanted emissions. Technical information showing the basis for this statement must be submitted to the Commission upon request.

Demonstration of Compliance:

The WL-311 is installed so that a minimum separation distance of 2 meters is maintained between the transmitter's radiating structure and the body of the user or nearby persons, and the ERP of the WL-311 is less than 100mWatts. Therefore, the WL-311 is categorically excluded from routine environmental evaluation for RF exposure as per § 2.1093.

The installation/user manual contains a warning statement that instructs the installer/user that the 2 meter separation distance must be maintained in order to comply with the RF exposure requirement.

Sample of the RF Exposure Statement-

CAUTION:

FCC RADIO-FREQUENCY EXPOSURE NOTICE

This device generates and radiates radio-frequency energy. In order to comply with FCC radio-frequency radiation exposure guidelines for an uncontrolled environmental, this equipment has to be installed and operated while maintaining a minimum body to antenna distance of 2 meters.