

Exhibit 11: RF Exposure/Environmental

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 0920 is classified as a mobile device, which is installed so that a minimum separation distance of 20 centimeters is maintained between the transmitter's radiating structure and the body of the user or nearby persons, and the ERP of the 0920 is less than 50 mWatts. Therefore, the 0920 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 20 centimeter separation distance must be maintained in order to comply with the RF exposure requirement.