

RF Emissions Statement

The instant device, a Part 15 spread spectrum transmitter, is a stationary security communication module to be installed within an enclosure which is to be mounted on alarm panels. No part of the device is accessible after the panel is installed. Accordingly, the device is not designed to be used by any person, nor is it accessible by the general public. The device communicates with a fixed local area network.

This transmitter does not fit within the definition of a "mobile device" set forth in section 2.1091(b) of the Commission's rules, 47 C.F.R. § 2.1091(b), because it is designed to be used in fixed locations. In addition, the transmitter does not meet the definition of a "portable device" contained in section 2.1093(b), because it is not designed to be used by any person. Furthermore, section 1.1307(b)(1), which is referenced by section 15.247(b)(4), categorically excludes this Part 15 device from the requirement to conduct a routine environmental evaluation for RF exposure since the device is neither a millimeter wave device, nor an unlicensed personal communications service device.

In any event, based on the maximum output power and antenna gain information contained in the underlying equipment authorization application, the emissions for the device are well below the maximum exposure limits set forth in sections 1.1310 and 2.1093(d). Furthermore, the device is powered from the panel into which it is installed and only transmits alarm messages as they occur, in 22 millisecond packets, repeated 28 times over a five minute period. After the transmission, the RF circuits are shut down. Accordingly, the RF emissions for the device are well within the limits set by the Commission.