

Request for Modular Approval

Dear Application Examiner,

AeroVironment's module Model: 68460 (FCC ID PZR-68460) is seeking FCC authorization as a modular transmitter. The requirements of FCC 15.212 are met. The following requirements are fulfilled:

1. The modular transmitter must have its own RF shielding

The radio portion of the module is contained in its own RF shielding. See the External Photos.

2. The modular transmitter must have buffered modulation/data inputs

There is a device on the board that collects the information from the digital data collection module and sends this stream to the RF transmitter. Reference Schematic, component U21.

3. The modular transmitter must have its own power supply regulation

The board used in this module includes its own power regulator on the main processor for regulating the power to the transmitter. See Schematic, component U46.

4. The modular transmitter must comply with the antenna requirements of Section 15.203

The antenna connectors on the board are U.FL connectors. Instructions of which antennas are authorized for use with the module are provided in the User's Manual.

5. The modular transmitter must be tested in a stand-alone configuration

The EUT was tested in a stand-alone configuration via an extender. The controller board that it is connected to is for collection of data only. See Test Setup Photos.

6. The modular transmitter must be labeled with its own FCC ID number

The EUT will be labeled with its own FCC ID number. If the module is installed inside of an end-product, the label will not be visible. In this case the OEM customer will be instructed to how to apply the exterior label. See User's Manual.

7. The modular transmitter must comply with any specific rule or operating requirements applicable to the transmitter and the manufacturer must provide adequate instructions along with the module to explain any such requirements.

The EUT is compliant with all applicable FCC rules. Detail instructions are given in the User's Manual.

8. The modular transmitter must comply with any applicable RF exposure requirements in its final configuration.

Instructions are given in the User's Manual for compliance to the RF exposure requirements.

Sincerely



Richard Pedigo
Vice President, Advanced Programs