



Federal Communications Commission
P.O. Box 429
Columbia, MD 21045

Date: August 15, 2019,

RE: Application for Modular Approval Certification for the CAT1 communications module


Dear Sir or Madam:

The following information addresses the requirements to support a modular approval as required by FCC Part 15.212, Modular Transmitters.

1. The transmitter section is shielded. Testing has been performed to assure compliance.
2. The CAT1 does not have external modulation or data inputs. The RF section is driven by an on-board MCU which controls RF data lines and does not allow excessive modulation.
3. The modular transmitter has its own power regulation.
4. The frequency hopping and the Wi-Fi transmitter antennas are permanently imbedded into the module circuit board.
5. The CAT1 module was tested in a standalone configuration.
6. The CAT1 register module will be labeled as required. The host equipment will also have the required labeling.
7. Operating requirements are included in the host technical manual.
8. MPE measurements are provided to demonstrate RF compliance. There is a cautionary statement that is included in the technical manual stipulating the 20 cm separation distance.

Sincerely,

Name: Lee Littlejohn
Title: Regulatory Engineer

Signature: 
Date: August 15, 2019