

July 29 , 2019

Federal Communication Commission
Authorization and Evaluation Division
7435 Oakland Mills Road
Columbia, Maryland 21046

Dear Application Examiner:

Carnegie Technologies, LV-WLM-271, FCC ID 2ARIP-0009 is seeking modular approval. The radio meets the requirements for modular approval as detailed in FCC 15.212. Compliance to each of the requirements is described below:

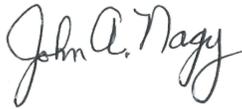
1. The radio portion of the module is contained in its own RF shielding. The shielding is installed at the factory. Please see the Internal Photos exhibit.
2. EUT has buffered data inputs to ensure compliance with Part 15 requirements under conditions of excessive data rates or over-modulation. Please see the Schematics exhibit.
3. The EUT has its own power supply regulation to ensure compliance with Part 15 requirements regardless of the quality or level of external DC supplying the module from the host unit. Please see Schematics exhibit. This module is battery powered and therefore does not require AC power line conducted emissions data.
4. The EUT meets the FCC antenna requirements. Please see Antenna information exhibit and internal photos exhibit.
5. The EUT was tested in a stand-alone configuration. The module was greater than 10 cm from the host device. Please see test setup photos exhibit and technical report exhibit.
6. The EUT is labeled with its own FCC ID number. Please see FCC ID label & location exhibit. If the FCC ID number will not be visible when the module is installed inside a host device, another label with the FCC ID will be applied to the exterior of the host device.

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 for maintaining compliance are given in the User Manual.
8. The EUT is compliant with all applicable RF exposure requirements. Please see RF Exposure Exhibit.

Please contact me if you have additional questions. Your attention to this matter is greatly appreciated.

Best regards,

Sincerely,



John A. Nagy

Compliance Engineer

jnagy@carnegietechnologies.com

512 627-3787

