



14000 RT. 993 • Trafford, PA 15085-9550 • (724) 864-4177

www.cleavelandprice.com FAX (724) 864-9040

August 1, 2019

Dear Application Examiner,

Cleaveland/Price Inc. (FCC Grantee: 2ATMU) is seeking a **limited** modular approval for the CP-RM001 radio module, full FCC ID: 2ATMU-CP-RM001. The radio meets the requirements for modular approval as detailed in FCC 15.212, **with the exception of Item 6**. Compliance to each of the requirements is described below:

1. **"The modular transmitter must have its own RF shielding."** 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. **"The modular transmitter must have buffered modulation/data inputs."** The EUT has buffered data inputs to insure compliance with Part 15 requirements under conditions of excessive data rates or over-modulation. Please see the Schematics exhibit.
3. **"The modular transmitter must have its own power supply regulation."** The EUT has its own power supply regulation to insure 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. Also, the technical report exhibit contains AC power line conducted emissions data taken with the EUT powered from a linear power supply that contains no EMC suppression components.
4. **"The modular transmitter must comply with the antenna requirements of Section 15.203 and 15.204(c)."** The EUT meets the FCC antenna requirements. Please see Antenna information exhibit and internal photos exhibit.
5. **"The modular transmitter must be tested in a stand-alone configuration."** The EUT was tested in a stand-alone configuration, outside of any other device or housing. It was soldered directly to the host PCB (module design has pads on bottom, must be soldered to board). Please see test setup photos exhibit and technical report exhibit.
6. **"The modular transmitter must be labeled with its own FCC ID number."** The EUT is **not** labeled with its FCC ID number. Cleaveland/Price will label the host product with the module's FCC ID number for our own internal purposes.
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 modular transmitter must comply with any applicable RF exposure requirements."** 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,

Justin Reinhart, Electrical Engineer, Cleaveland/Price Inc.

jr@cleavelandprice.com (724)864-4177 ext. 2398