397 S. Taylor Ave. Louisville, Colorado 80027 USA
phone: 303.939.9336 | fax: 303.939.8977 | www.inovonics.com

Inovonics – EN1252

Date: December 28, 2012
Re: Inovonics, Model: EN1252 FCC Modular Transmitter Approval
FCC ID: **HCQ3B6OT9HPT**

To Whom It May Concern;

The following information is being provided per the requirements of FCC CFR 47, Part 15.212 regarding Singular Modular Transmitters. Inovonics, Model: **EN1252**, is a complete, independent RF module which complies with the applicable rules and policies defined FCC Part 15.212 and 15.247 for a Singular Modular Transmitter.

The following numbered items correspond to similarly numbered paragraphs in 15.212 (a). Each item is a response to the criteria specified in 15.212 (a). Inovonics has provided supporting documentation where applicable. See references below.

1. Tx Shielding
   - The EN1252 has an integral RF Shield which provides isolation between the radio elements and surrounding equipment.
   - Photographs with the shield installed and removed have been included in the submittal package. Refer to Inovonics document number: C1212006-001.

2. Modulation/Data Input Buffering
   - The EN1252 processes all input data via on-board circuitry. The end-user has no direct control of transmitter characteristics or modulation.

3. Onboard Power Regulation
   - The EN1252 has been designed with a separate RF Tx power regulation circuit.
   - Refer to Inovonics Block Diagram doc no: C1212004-001, Schematic doc no: C1212011-001 and Photographs doc no: C1212006-001.

4. Antenna Connection Requirement
   - The EN1252 has been designed with a permanently attached RF Tx antenna which has no end-user controls.
   - Refer to Inovonics Block Diagram doc no: C1212004-001, Schematic doc no: C1212011-001 and Photographs doc no: C1212006-001.

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5. Stand-Alone Compliance
   - The EN1252 module has been tested and found to meet the applicable FCC Pt 15 compliance criteria in a stand-alone configuration. Compliance testing was performed at a third party, NVLAP certified facility – Intertek.
   - Refer to Inovonics EMC Test Report, Inovonics doc no: C1212012-001.

6. Labeling
   - A FCC ID label is permanently affixed to each unit at the time of manufacture. Information is also clearly presented in the Inovonics Installation/User Manual, doc no: C1212014-001.
   - Refer to Inovonics FCC Label drawing, doc no: C1212007-001.

7. Compliance to Applicable Regulations & Compliance Instructions
   - The EN1252 module complies with all specific rules applicable to RF Transmitters as specified in FCC Pt 15.212 and 15.247. Inovonics, as the FCC Grantee, shall provide comprehensive instructions explaining compliance requirements.
   - Information is presented in the Inovonics Installation/User Manual, doc no: C1212014-001.

8. RF Exposure Requirements
   - The EN1252 module complies with RF exposure requirements specified in FCC Pt 15.247 and 2.1091. Additionally, the EN1252 is intended to be permanently installed well away from human contact and is not meant to be a portable device.
   - Installation instructions are presented in Inovonics Installation Manual, doc no: C1212014-001. Also refer to Inovonics RF Exposure Information letter, doc no: C1212010-001.

Best Regards,

Mark Hassebrock
Compliance Engineer
Inovonics

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