

Rhein Tech Laboratories, Inc.  
360 Herndon Parkway  
Suite 1400  
Herndon, VA 20170  
<http://www.rheintech.com>

Client: Power Monitors, Inc.  
Model: Vision Bluetooth Module  
Standards: FCC 15.247 & RSS-210  
ID's: RO9VIS0309/4806A-VIS0309  
Report #: 2009213

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Please refer to the following pages.



July 15, 2009

Federal Communications Commission

Request for Limited Modular Approval

Dear Application Examiner,

Power Monitors Inc. is seeking FCC Limited Modular Approval (LMA) as a modular transmitter for the Bluetooth module assembly with PMI part number 20506005.

This modules is compliant to the FCC Public notice DA 00-1407, with the exception of item 1 below:

**1. The modular transmitter must have its own RF shielding**

The module does not contain a separate shield. However, this module will not be offered for sale to, or use by any other company or OEM. As the manufacturer of the module and any host products into which this module will be installed, Power Monitors retains full control over the final installation of the device into its products, and therefore can assure the compliance of the end product to the tested results.

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

The modulation/data inputs are buffered by the Bluetooth memory management inside the Bluetooth module ciucuit.

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

The transmitter section of the Bluetooth transceiver module is separately powered by a +V\_PA pin. This pin is connected to a separate local power supply regulator on the "LMA module" circuit board onto which the Bluetooth-module is installed.

**4. The modular transmitter must comply with the antenna requirements of Section 15.203 and 15.204c**

The Bluetooth -transceiver-module shall only be used with the tested integral antenna supplied by the Bluetooth-module manufacturer.

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

The EUT was tested in a stand-alone configuration.

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

The module will be labeled with its own FCC ID number. The labeling is specified in a related exhibit. Since the module is only intended to be installed inside the specified PMI product, the label will not be visible. An exterior label will be included on the end-product that will refer to the enclosed module.

Power  
Monitors  
Incorporated

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Mt. Crawford, VA 22841  
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- 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 module is compliant with all applicable FCC rules. The module is not intended to be supplied to any other OEM, and will thus be installed only in products manufactured by PMI Inc.
- 8. The modular transmitter must comply with any applicable RF exposure requirements.**  
Please see the test report.

Sincerely,



Glen Shomo, PE  
Sr. Design Engineer