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Client: Power Monitors, Inc.  
Model #: 20505008/20505009  
Standards: FCC 15.247 & RSS-210  
FCC ID/IC: RO920505008/4806A-20505008  
Report #: 2006006

## **Appendix F: FCC DA00-1407 Limited Modular Approval Compliance**

Please refer to the following pages.



January 16, 2006

Federal Communications Commission

Request for Limited Modular Approval

Dear Application Examiner,

Power Monitors Inc. is seeking FCC Limited Modular Approval (LMA) as modular transmitters for the Bluetooth Modules with PMI part numbers 20505008 and 20505009.

Both modules are fully compliant to the FCC Public notice DA 00-1407:

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

The module is contained in its own RF shield. See photos in exhibits.

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

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

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

The transmitter section of the Bluetooth module is separately powered from the VDD\_PA pin on the module, and does not incorporate an onboard supply voltage regulator. However this pin will always be connected to the local regulated power supply source on the target pcb onto which the module is installed. In every case the local supply voltage will be tightly regulated to the voltage used for FCC module testing, assuring a stable and repeatable transmitter output.

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

The modular transmitter shall only be used with the tested integral antenna.

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

The EUT was tested in a stand-alone configuration. For radiated measurements, the required distance between the EUT and support equipment was insured by connecting a DC power and data I/O cable directly to the corresponding connections on the module.

**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 label is specified in a related exhibit. Since the module is only intended to be installed inside various PMI products, the label will not be visible. In this case an exterior label will be included on the end-product that will refer to the enclosed module.

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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 III  
Manager of Hardware Engineering