



AboCom Systems, Inc.

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Request for modular approval – FCC ID: MQ4WMG2K4

Dear Application Examiner,

The AboCom Product Development The 802.11b/g Wireless MiniPCI Card Module WMG2400 is seeking FCC authorization as a module transmitter. The requirement of the FCC Public notice DA00-1407 are met.

The following requirement are fulfilled:

1. The module transmitter must have its own shielding

The radio portion of the module is contained in its own RF shielding. See the external photos.

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

The module has a memory management unit inside of the IC. It buffers the data inputs from UART and MiniPCI terminal.

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

The IC contains an own voltage regulation. In case of change in the supply voltage VCC (for example cause by temperature changes or other effect) ,the internal voltage will be stabilized.

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

The transmitter shall only be used with the tested integral antenna or with an antenna that has less antenna gain. Requirement for the use of external antennas are specified in the antenna information exhibit. (See LCT Antenna F1B-003404-52、 F1B-303706-52、 F1B-303709-93、 Wanshih Antenna SWJ-0007A、 W111-094-D8)

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

The EUT was tested in a stand-alone configuration. The module was fixed in test/programming board during the test. See also the test report and Test setup photos.



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

The EUT will be labeled with its own FCC ID number. If the module is installed inside of an end-product, the label will not be visible.

7. The modular transmitter must comply with any rule or operating requirement applicable to the transmitter and the manufacturer must provide adequate instruction along with the module to explain any such requirements.

The EUT is compliant with all applicable FCC rules. Detail instructions are given in the Users Guide.

8. The modular transmitter must comply with any applicable RF exposure requirements.

The transmitter herein was tested with the antenna that is integrated on the radio module.

Compliance to RF exposure requirements for this antenna is included within this application for approval. Appropriate warning statement will be placed with each end product user information based on the results of the RF exposure data filed with this application. OEM Resellers will be advised to include a similar statement to inform the users of any requirements for RF safety.

Please contact us if you have any addition questions.

Best Regards,

Iris Huang

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