Dated 11/15/04

Federal Communications Commissions

Subject: Modular Approval for PCMCIA Card; FCC ID: QCJEWMC63000704

Dear Application Examiner,

MESH Networks, WMC6300 PCMCIA Card, is seeking FCC authorization as a part 15 unlicensed modular transmitter approval. The requirements of the FCC public notice DA 00-1407 are met.

The following requirements are fulfilled.

1. **The modular transmitter must have its own RF shielding.**
   The radio portion of this module is contained its own RF shielding. Please see photos provided with application.

2. **The modular transmitter must have buffered modulation/data inputs.**
   The module has buffered data inputs, buffers are integrated in chip MN2064 referred to as U17 in the schematics.

3. **The modular transmitter must have its own power supply regulation.**
   The module incorporates voltage regulation for all voltages used within the module. These are referenced as: U26, U27 - LP3981ILD-2.83
   U28 - TPS62005DGS
   U31 - LM4121AIM5-1.2

4. **The modular transmitter must comply with the antenna requirements of Section 15.203 and 15.204(c).**
   The module meets the antenna requirements, the device has a unique MMCX antenna connector.

5. **The modular transmitter must be tested in a stand-alone configuration.**
   The module was tested in a stand-alone configuration with a card extender between the module and the laptop. The module was set in a continuous transmit mode. Please see the test setup photos in the test report for more details.

6. **The modular transmitter must be labeled with its own FCC ID number.**
   The module is labeled with its own FCC ID number. Please see label design and label location submitted with application.

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. Detail instructions are given in the Users Guide Manual submitted with application.

8. **The modular transmitter must comply with any applicable RF exposure requirements.**
   The module in compliant with all RF exposure requirements, please see MPE calculation and SAR test data provided with application.

Sincerely, 11/19/04
MESHNETWORKS, INC.