wistron
Wistron NeWeb

Wistron Neweb Corporation
No. 10-1, Li-hsin Road 1,
Science-based Industrial Park,Hsinchu 300,
Taiwan, R. O. C.
886-3-666-7799
886-3-666-1654

Date: Dec.10, 2003

American Telecommunications Certification Body, Inc.
6731 Whittier Avenue
Suite C110
McLean, VA 22101

FCC ID: NKRRM8
Model: RM8
Brand: Wistron NeWeb

Dear Sir,

We would like to declare that our product: 802.11g mini-PCI transmitter module, Model: RM8, FCC ID: NKRRM8 meets the requirements as a modular device which was indicated in FCC Public **DA 00-1407**, and to have your authorization as a modular approval. The statement is listed below:

1. "The modular transmitter must have its own RF shielding" The radio portion of this module has been shielded, please see the attached photo "Shielding".

2. "The modular transmitter must have buffered modulation/data inputs." The EUT has buffered data inputs, it is integrated in chip BCM4306KFB.(Please see the schematic file)

3. "The modular transmitter must have its own power supply regulation." The transmitter is a homodyne structure, and the baseband / rf modulator needs 3.0 V DC power supply. The mini-PCI interface provides 3.3V DC power supply, so there is a 3.3/3.0 DC regulator on the module, and the part number of this regulator is LP298518. Please see the attached photo "Regulator".

4. "The modular transmitter must comply with the antenna requirements of section 15.203 and 15.204(c)." The EUT meets the FCC antenna requirements. The spurious emission, unique antenna connector and photos of antennas are showed in the test report.

5. "The modular transmitter must be tested in a stand-alone configuration". The EUT is tested in a stand-alone configuration via a PCI extender board. The EUT is outside the notebook PC chassis using the extender board to extend the EUT outside the computer chassis. Please see the photo "extender board".

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6. "The modular transmitter must be labeled with its own FCC ID number, and, if the FCC ID is not visible when the module is installed inside another device, then the outside of the device into which the module is installed must also display a label referring to the enclosed module." Please see exhibition label samples "Label RM8" & "Label Exterior". And also in the OEM installation manual, there are labels and the instructions on how to label the end product.

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 requirement." The EUT is compliant with all applicable FCC rules. Detail instructions for maintaining compliance are given in the manual.

8. "The modular transmitter must comply with any applicable RF exposure requirements." The EUT is compliant with the applicable RF exposure requirements. RF Exposure is addressed in the section 4.6 & 5.6 (MPE) of the test report.

This request for modular approval is restricted to applications in mobile Host configurations only.

Thanks for your help and do not hesitate to contact us if you have any further questions.

Yours sincerely,

Sincerely,

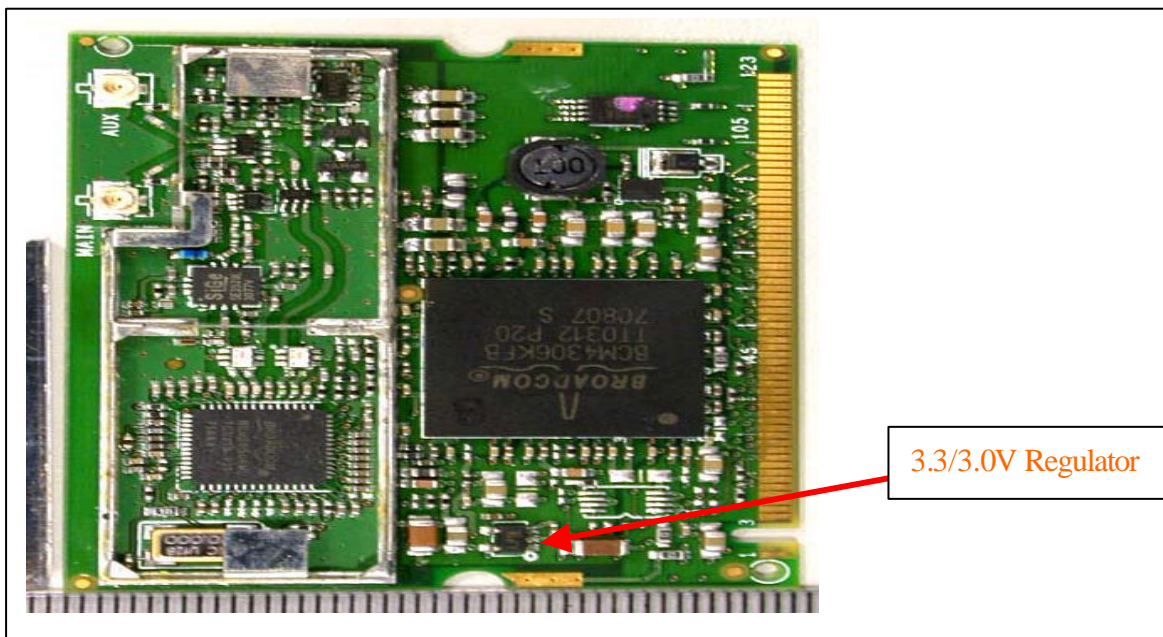Eric Liu / Sr. Manager Engineer
Wistron NeWeb Corporation

" Shielding"

" Regulator"

3.3/3.0V Regulator

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Extender board