

Date: November 24, 2008

FCC ID:	QVT-525A-3
Applicant:	3E Technologies International (a division of EF Johnson Technologies)
Model:	CM9
Brand:	Wistron NeWeb

Dear Sirs:

We would like to declare that our product: 802.11 a+b+g mini PCI transmitter module, Model CM9, FCC ID: QVT-525A-3 meets the requirements as a modular device which was indicated in FCC Public DA 00-1407, and 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 photograph indicating the shielding.
- 2. "The modular transmitter must have buffered modulation/data inputs." The EUT has buffered data inputs which are integrated in chip AR5213. (Please see the associated schematic file).
- "The modular transmitter must have its own power supply regulation." The modulator of the transmitter needs 2.5 V DC power supply for RF transmitting level. The mini-PCI interface provides a 3.3 V DC power supply. There is a 3.3/2.5 DC regulator on the module. The part number of this regulator is LTC 3406ES5 VR1. Please see the attached photograph indicating the 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 the antennas are shown 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 tested outside a PC chassis using the extender board to extend the EUT outside the computer chassis. Please see the photographs in the test report.
- 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 the photograph of the module with attached label. Also attached is a drawing of the exterior label that is attached to the exterior of 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. The manufacturers manual gives detailed instructions for maintaining compliance.
- 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 MPE test report.

Sincerely,

John S. Oblak

John S. Oblak VP, Standards and Regulatory Affairs EF Johnson Technologies





Figure 1 – Photograph Showing Shielding and Regulator Details



Figure 2 – Photograph showing Module FCC Label

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