



VIA Technologies Inc

VIA Technologies Inc
8F,533,Chung-Cheng Road
Hsin-Tien,Taipei 231
Taiwan, R. O. C.
Tel: 886-2-2218-5452
Fax: 886-2-2218-5260

Date: Jun. 28th, 2006

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

RE: Certification Applications

FCC ID: NCI-VNT6656GEV0X
Model: VNT6656GEV00

Dear Sir,

We would like to declare that our product **802.11 BG Wireless Module**, Model: **VNT6656GEV00**, FCC ID: **VNT6656GEV00** 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 statements are 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 EUT photo (Internal photo of EUT.pdf).
2. "The modular transmitter must have buffered modulation/data inputs." The EUT has buffered data inputs, it is integrated in chip VT6656.
3. "The modular transmitter must have its own power supply regulation." The modulator of the transmitter needs 2.8 V DC power supply for RF transmitting level. The mini-PCI interface provides 3.3V DC power supply, so there is a 3.3/2.8 DC regulator on the module, and the part number of this regulator is R1114N281D-TR-F.
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 and Internal photo of EUT.
5. "The modular transmitter must be tested in a stand-alone configuration". The EUT is tested in a stand-alone configuration via a USB mini card 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 attached EUT photo (External photo of EUT.pdf).
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 and location.pdf). And also in the OEM installation manual, there are labels and the instructions on how to label the end product.

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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 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 MPE 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.

Dennis Chang / Technical Section Manager
Dennis Chang / Title
VIA Technologies Inc