

凱碩科技股份有限公司

地址：台北縣中和市中正路 957 號 16 樓

電話：(02)8227-7899

傳真：(02)8227-7780

統一編號：16631735



CastleNet

CastleNet Technology Inc.

16F, No 957, Chung-Cheng Rd. Chung-Ho City,

Taipei 235 Taiwan R.O.C

TEL 886-2-8227-7899

FAX 886-2-8227-7780

Date: Dec.15, 2004

American Telecommunications Certification Body, Inc.

6731 Whittier Avenue

Suite C110

McLean, VA 22101

FCC ID: RK9-WM1260

Model: WM1260

Brand: CastleNet

Dear Sir,

We would like to declare that our product: 802.11b+g mini-PCI transmitter module, Model: WM1260, FCC ID: **RK9-WM1260** 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 & Regulator".
2. "The modular transmitter must have buffered modulation/data inputs." The EUT has buffered data inputs, it is integrated in chip BCM4060.(Please see the schematic file)
3. "The modular transmitter must have its own power supply regulation." The modulator of the transmitter needs 2.9V DC and 1.8V DC power supply for RF transmitting level. The mini-PCI interface provides 3.3V DC power supply, so there is a 3.3/2.9 DC regulator on the module, and the part number of this regulator is LP298529-2.9V (U8). The others 3.3/1.8 DC regulators on the module are LP298518-1.8V (U10) and LM2619-1.8V (U14).Please see the attached photo "Shielding & 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".

凱碩科技股份有限公司

地址：台北縣中和市中正路 957 號 16 樓

電話：(02)6227-7899

傳真：(02)6227-7780

統一編號：16631735



CastleNet

CastleNet Technology Inc.

16F, No 957, Chung-Cheng Rd. Chung-Ho City,

Taipei 235 Taiwan R.O.C

TEL 886-2-8227-7899

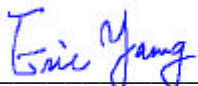
FAX 886-2-8227-7780

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 RK9-WM1260" & "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 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.

Thank you for your attention to this matter.



Eric Yang / Manager

CastleNet Technology Inc

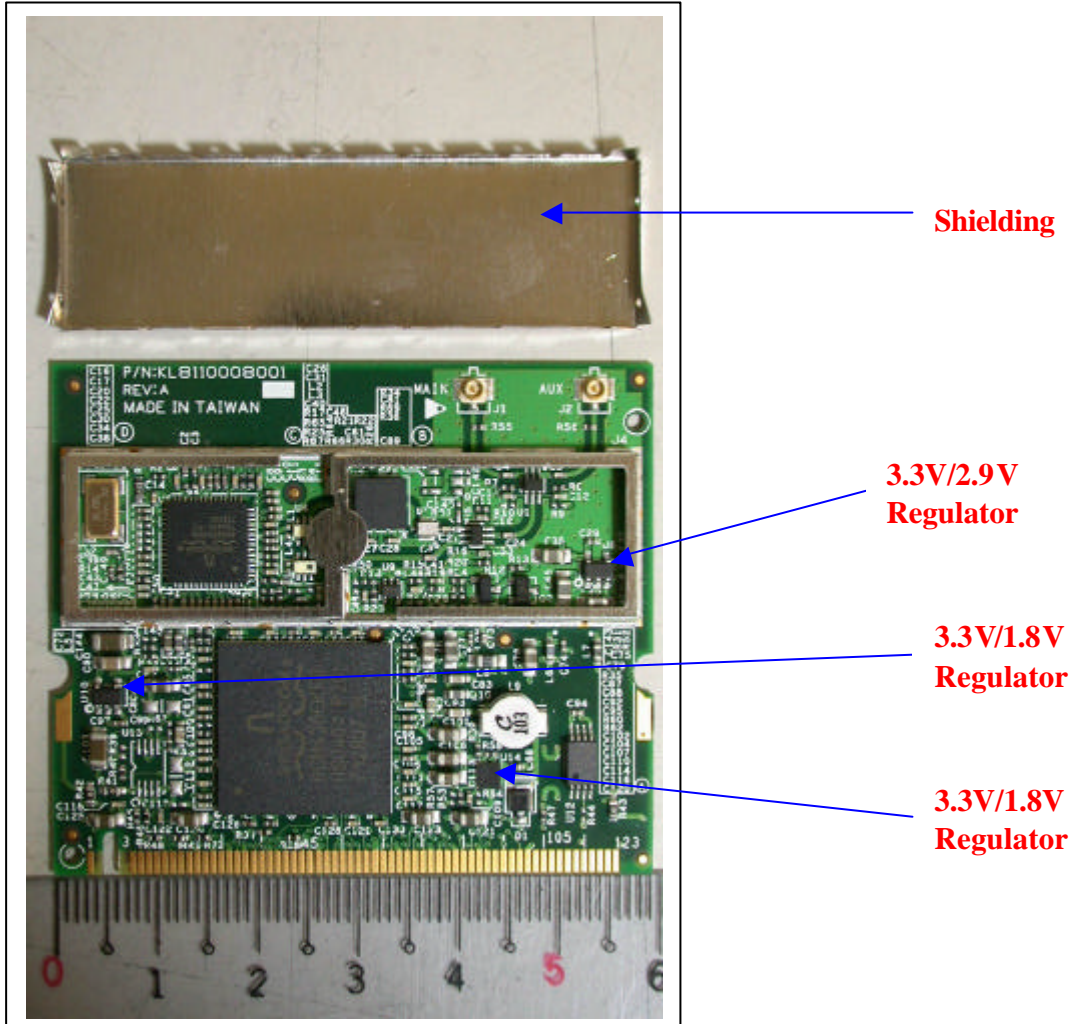
Dec. 15, 2004

凱碩科技股份有限公司
地址：台北縣中和市中正路 957 號 16 樓
電話：(02)6227-7899
傳真：(02)6227-7780
統一編號：16631735



CastleNet Technology Inc.
16F, No 957, Chung-Cheng Rd. Chung-Ho City,
Taipei 235 Taiwan R.O.C
TEL 886-2-8227-7899
FAX 886-2-8227-7780

“Shielding & Regulator”

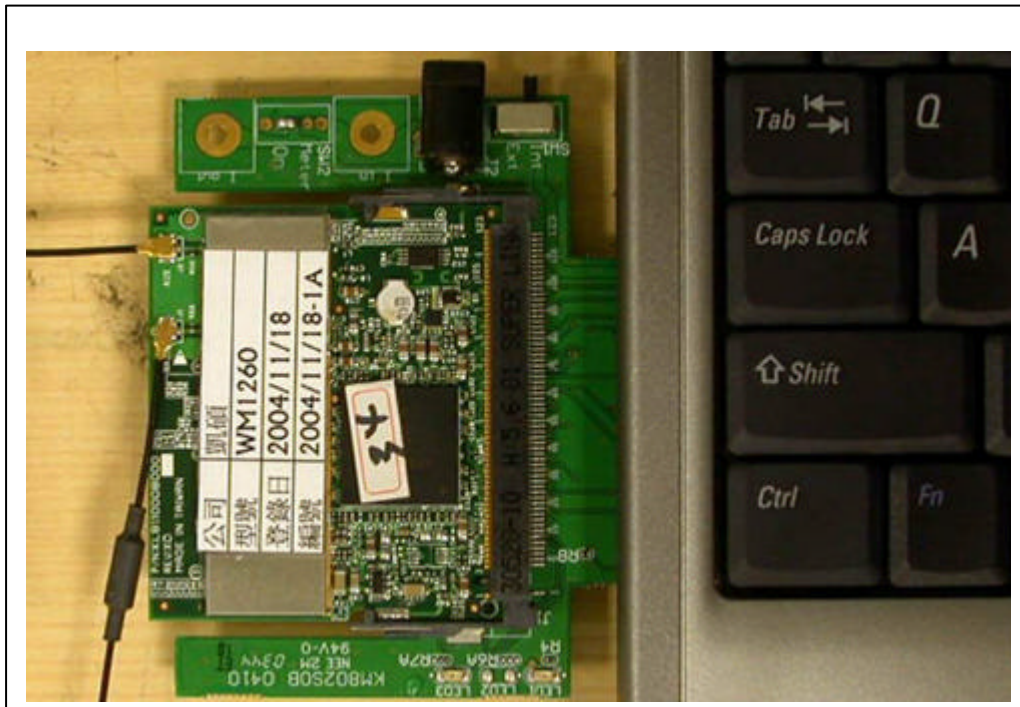


凱碩科技股份有限公司
地址：台北縣中和市中正路 957 號 16 樓
電話：(02)6227-7899
傳真：(02)6227-7780
統一編號：16631735



CastleNet Technology Inc.
16F, No 957, Chung-Cheng Rd. Chung-Ho City,
Taipei 235 Taiwan R.O.C
TEL 886-2-8227-7899
FAX 886-2-8227-7780

Extender board

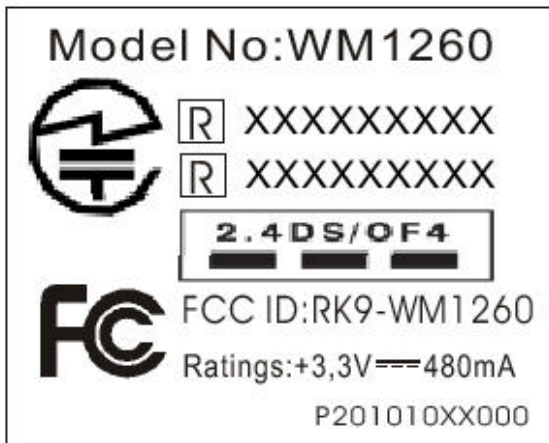


凱碩科技股份有限公司
地址：台北縣中和市中正路 957 號 16 樓
電話：(02)6227-7899
傳真：(02)6227-7780
統一編號：16631735



CastleNet Technology Inc.
16F, No 957, Chung-Cheng Rd. Chung-Ho City,
Taipei 235 Taiwan R.O.C
TEL 886-2-8227-7899
FAX 886-2-8227-7780

WM1260 label



For system label

Contains Transmitter WM1260
FCC ID: RK9-WM1260