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Feb. 03, 1999

FEDERAL COMMUNICATIONS COMMISSION

7435 Oakland Mills Road
Columbia, MD 21046
USA

Subject: FCC Application for Class II Permissive Change under FCC Part 15, Subpart C, Para. 15.247, Direct Sequence Spread Spectrum (DSSS) Transmitters Operating in the Frequency Band 2412 - 2462 MHz.

Applicant: GEMTEK TECHNOLOGY CO., LTD.
Product: PCMCIA WIRELESS LAN CARD
Model: WR-201 with external antennas' Models AL-100, AL-101, AL-102, and AL-110
FCC ID: MXF-WL201

Dear Sir/Madam,

As appointed agent for **GEMTEK TECHNOLOGY CO., LTD. (known as Gemtek)**, please find enclosed copies of the engineering report, authorization form, application form and a cheque of US \$45.00 for FCC application for Class II Permissive Change Authorization.

Gemtek as an applicant wish to obtain the FCC authorization for the following changes:

- The internal antenna was removed and replaced by a special reversed thrust SMB connector to support the following optional, external antennas.
 - (1) Gemtek AL-100 Dipole Antenna, Frequency Range: 2.4-2.4835 GHz, Gain: 3 dBi, Antenna Pattern: Omni directional, Connector Type: SMB Modified with reversed thrust.
 - (2) Gemtek AL-101 Loopy Antenna, Frequency Range: 2.4-2.4835 GHz, Gain: 3 dBi, Antenna Pattern: Omni directional, Connector Type: SMB Modified with reversed thrust.
 - (3) Gemtek AL-102 Dipole ANT Right-Angle Antenna, Frequency Range: 2.4-2.4835 GHz, Gain: 3 dBi, Antenna Pattern: Omni directional, Connector Type: SMB Modified with reversed thrust.
 - (4) Gemtek AL-110 Dipole Antenna, Frequency Range: 2.4-2.4835 GHz, Gain: 12 dBi, Antenna Pattern: Uni-directional, Connector Type: SMB Modified with reversed thrust.

Since there are no changes in packaging and electronic circuit design at all, only transmitter radiated emissions need to be conducted to ensure the continuing compliance in accordance with FCC Part 15, Sub. C, Paragraph 15.247, 15.209 and 15.205.

If you have any queries, please do not hesitate to contact us by our TOLL FREE numbers:

OUR TELEPHONE NO.: 1-800-263-7670

Yours truly,

Tri Minh Luu, P. Eng.,
V.P., Engineering

TML/AK

Encl.

GemTek Technology Co., Ltd.

11F, No.181 Tatung Road, Sec. 1, HsiChih, Taipei, Taiwan, R.O.C.

Tel:886-2643-6226 Fax:886-2-2643-6221

Home Page://www.gemtek.com.tw E-Mail:gemtek@msl.hinet.net

Date : 1998/12/17

FEDERAL COMMUNICATIONS COMMISSION
7435 Oskland Mills Road
Columbia,MD21046
U.S.A

Subject : Statement to confirm that is no change in the radio circuits

Applicant	: GemTek Technology Co.,Ltd.
Product	: PCMCIA Wireless LAN Card
Model	: WL-201C
FCC ID	:

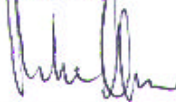
Dear Sir/Madam,

We, **GemTek Technology Co., Ltd.**, GemTek hereby appoint Ultratech Engineering Labs Inc.(Ultratech) to act as our agent in the preparation of this application to FCC for authorization of equipment under FCC rules.

We "GemTek" certify that our PCMCIA Wireless LAN Card WL-201C is same with WL-201 in circuit diagram and Component, only the CKT layout changes to for replacing the internal antenna with the special coupling connector, GemTek's products WL-201 had been tested and approved by FCC ID : MXF-WL201.

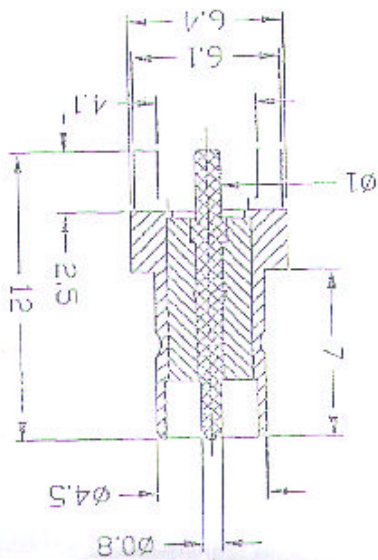
If you have any question please do not hesitate to contact us by our TOLL FREE numbers : 886-2-2643-6226

Yours truly,

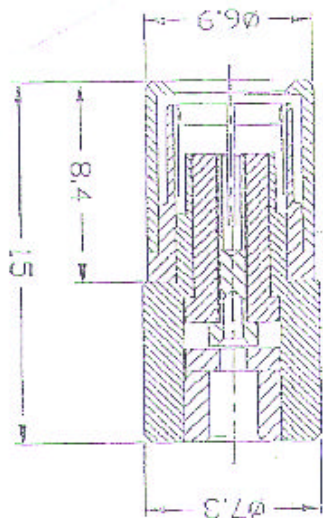


Mike Chen
GemTek Technology Co.,Ltd.

Dimension unit : mm



JACK
(Mounted in PCB)



Plug
(Connect to Antenna Cable)

Drawing of modify SMB connector

GTMECT008D