

## Modular Approval Request Letter

Dear Sir,

There's an 802.11a/g Wireless Super AG Mini-PCI Card that would like to have your authorization as a modular approval.

The specific product as below, 802.11a/g Wireless Super AG Mini-PCI Card, with its designed features and specified description, meets special requirements for full modular approval on FCC Public Notice DA 00-1407 by cross-reference list below.

Company	: ZyXEL Communications Corporation
Model Name	: 802.11a/g Wireless Super AG Mini-PCI Card
Model Number	: NWD-670SU
FCC ID	: I88NWD670SU

Requirement of Public Notice DA00-1407	Reference to NWD-670SU
1. The modular transmitter must have its own RF shielding.	The module has its own RF shielding. Please see <a href="#">external photo.pdf</a>
2. The modular transmitter must have buffered modulation/data inputs.	The modular has buffered data inputs, it is integrated in chip AR5414. Please see <a href="#">diagram.pdf</a>
3. The modular transmitter must have its own power supply regulation.	All power lines derived from the host device are regulated before energizing other circuits internal to the NWD-670SU. Please see <a href="#">circuit.pdf</a>
4. The modular transmitter must comply with the antenna requirements of Section 15.203 and 15.204(c).	The NWD-670SU meets the FCC antenna requirements. It has a unique connector. Please see <a href="#">external photo.pdf</a>
5. The modular transmitter must be tested in a stand-alone configuration, i.e., the module must not be inside another device during testing.	The NWD-670SU was tested in a stand-alone configuration via a PCMCIA extender. Please see <a href="#">conducted set-up photo.pdf</a> and <a href="#">spurious set-up photo.pdf</a>
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.	The label position of NWD-670SU is clearly indicated. Please see the label.pdf
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 requirements. A copy of these instructions must be included in the application for equipment authorization.	The NWD-670SU is compliant with all applicable FCC rules. Detail instructions are given in the Users Manual. Please see <a href="#">Installation guide.pdf</a>
8. The modular transmitter must comply with any applicable RF exposure requirements. For example, FCC Rules in Sections 2.1091, 2.1093 and specific Sections of Part 15, including 15.319(i), 15.407(f), 15.253(f) and 15.255(g), require that Unlicensed PCS, UNII and millimeter wave devices perform routine environmental evaluation for RF Exposure to demonstrate compliance. In addition, spread spectrum transmitters operating under Section 15.247 are required to address RF Exposure compliance in accordance with Section 15.247(b)(4).	The NWD-670SU comply with applicable RF exposure requirements. Please see <a href="#">RF safety evaluation. pdf</a>

Yours sincerely,



Kevin Chen

Supervisor

Intertek Testing Service Taiwan Ltd.