

FCC ID : RXZ-WM81RL



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Federal Communications Commission  
Equipment Authorization Division  
Application Processing Branch  
7435 Oakland Mills Road  
Columbia, Maryland 21046

Subject: 802.11b/g/n WIRELESS MINI PCI , FCC ID: RXZ- WM81RL

Gentleman:

We have the following attestation to the eight requirements described by FCC public notice DA00-1407 " Part 15 Unlicensed Modular Transmitter Approval ".

**1. RF shielding.**

The model, WM81RL(WIRELESS MINI PCI ) has an own RF shielding.

The shielding is made by metal and completely added to RF part during our manufacturing.

It is not easily removed module.

Please refer to the assembly drawing and an external photograph.

**2. Excessive data rates or over modulation.**

The module circuit buffers all modulation and control of the transmitter.

The control of the transmitter is via data commands and software instructions contained within the module.

The transmitter is tested with the module operated at the maximum power. Data commands are reduced the power of transmitter but do not influence the modulation contents.

**3. Power supply regulation.**

The module has its own power supply regulator to insure compliance with part 15 requirements regardless of the quality or level of external DC supplying the module from the end product.

Please refer to the attached schematics and diagrams.

The regulator operates within the +3.3vdc +-0.2V range.

**4. Antenna and unique coupler requirements to antenna connector.**

The antenna is an integral type and there is no antenna connector.

Please find " Declaration concerning Antenna Specification " for detail.

(1) No modification of antenna will be allowed.

(2) The end product must be certified by FCC,if customer will use the other antenna.

**5. Stand-alone configuration.**

The modular transmitter has been performed the testing as a stand alone and then confirmed the compliance . Please refer to the Test report No.W6M 20103-1950-C-1.

**6. Label with own FCC ID number and exterior label.**

The module is labeled with own FCC ID number . Please refer to the drawing of label and an assembly drawing for its location on the module.

The label made by polyethylene terephthalate (PET) sheet is affixed to the module by a high-strength adhesive.

Since the FCC ID number will not be visible when the module is installed inside the end product , Please refer to the " User Guide Information " .

**7. Compliant with any specific rule or operating requirements.**

The module as manufactured is completely controlled by the onboard processor . There are no influences to the operation of the transmitter the end can induce that will operate the module outside of scope of the regulations . The necessary explanation for user to be complied with this requirement is contained un the manual.

**8. RF exposure requirements.**

This module may be installed into any end product mobile applications.

Because the module only radiates very low power levels,it complies with RF exposure requirements.

Sincerely yours,

**Signature:**

*Alex Chen 2007.4.10*