

Cirronet, Inc.  
3079 Premiere Parkway  
Duluth, Georgia 30097  
USA



Tel: 678 684 2000  
Fax: 678 684 2001

Date: 8/16/2007  
Reference: FCC DA 00-1407

## PART 15 UNLICENSED MODULAR TRANSMITTER APPROVAL

Cirronet ZMN2400HP ZigBee Module  
FCC ID: HSW-Z2400HP

Per FCC DA 00-1407, Cirronet's ZigBee modules are compliance with the requirements listed below.

1. The modular transmitter must have its own RF shielding.

Cirronet's ZigBee Module has shielding as required.

2. The modular transmitter must have buffered modulation/data inputs.

Cirronet's ZigBee Module has buffered modulation and data inputs.

3. The modular transmitter must have its own power supply regulation.

Cirronet's ZigBee Module has its own internal regulator.

4. The modular transmitter must comply with the antenna requirements of Section 15.203 and 15.204(c).

Cirronet's ZigBee Module output is through a set of connections which are like a ball grid array and once soldered to a PC board the connects are not accessible. Without a support PC board the module is unusable.

5. The modular transmitter must be tested in a stand-alone configuration, i.e., the module must not be inside another device during testing.

Cirronet's ZigBee Module was tested on a support PC board designed to meet the requirements of modular approval. Complete open.

6. The modular transmitter must be labeled with its own FCC ID number

Cirronet's ZigBee Module is design as a OEM module. The ZigBee

Module will be labeled and instructions given to the OEM customer for FCC label requirements.

7. The modular transmitter must comply with any specific rule or operating requirements applicable to the transmitter.

An Integration Guide is provided with FCC compliance information.

8. The modular transmitter must comply with any applicable RF exposure requirements.

An Integration Guide is also provides FCC MPE warnings per antenna types that are used.

Al Patrick  
Sr. Compliance Engineer  
Cirronet Inc.  
3079 Premiere Parkway, Suite 140  
Duluth, GA 30097 USA  
TEL: 678 684 2000  
FAX: 678 684 2001  
[www.cirronet.com](http://www.cirronet.com)  
[apatrick@cirronet.com](mailto:apatrick@cirronet.com)