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Client: Zylaya Corporation  
Model Name: ZSEN  
Standards: FCC 15.247/IC RSS-210  
FCC/IC ID: UVV-ZSEN/7070A-ZSEN  
Report #: 2007146

#### **Appendix E: DA00-1407 Part 15 Unlicensed Modular TX**

Please refer to the following page.



May 22, 2007

To Whom It May Concern:

The following is to satisfy the requirements of a DA00-1407 Part 15 Unlicensed Modular Transmitter:

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

The module has been tested and the entire radio circuitry is contained in a single integrated circuit and thereby inherently has its own RF shielding.

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

The module has buffered modulation/data inputs; see U5 and U6 on the schematic.

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

The module has its own power supply regulation on-board allowing a single 3.6V primary lithium cell (2.6V – 4.2V) to power it. See U9 and U10 (optional) on the schematic.

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

The module has a permanently mounted (soldered) surface mount antenna. The antenna is not user accessible or user serviceable.

**5. The modular transmitter must be tested in a stand-alone configuration**

The module was tested in a stand-alone configuration. Additionally, the module meets the conducted emissions requirements of §15.207 as tested with a Zylaya ZGWM001 Ethernet Gateway option and a Linksys WAPPOE12 Power Over Ethernet Injector.

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

The module will have a label displaying its FCC ID and there is a label on the outside of the end device stating "Contains FCC ID: UVV-ZSEN" or equivalent as well as the required compliance statements from §15.19(a). The Installation Manual contains all other required language.

**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**

The module meets the requirements of §15.247.

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

The module meets applicable RF exposure requirements as defined by §15.247.

Sincerely,

A handwritten signature in black ink, appearing to read "Robert Troutman".

Robert Troutman  
Chief Executive Officer