



Date: 8/8/2008

Compliance Certification Services
Certification Division
561F Monterey Road
Morgan Hill, CA 95037

Subject: Request for Limited Modular Approval for a ZigBee Module

To whom it may concern:

Metrologic Instruments Inc. would like to apply for "Limited Modular Approval" (LMA) for the ZigBee Module. The module is a ZigBee module designed to be integrated into Metrologic products which include bar code scanners, PDA and PDT devices. The following items have been addressed:

1. The ZigBee Module will be integrated in Metrologic equipment only and Metrologic will be responsible for certification of these products. The module will not be sold as a stand alone unit for integration by third parties. The ZigBee Module does not have its own RF shielding because Metrologic will retain control over all installations of this device. Metrologic has extensive experience with rf module integration into Bar code scanners and conducts in-house and 3rd party FCC compliance testing and verification of all its products.
2. The ZigBee Module has buffered modulation/data inputs.
3. The ZigBee Module has its own power supply regulation.
4. The ZigBee Module antenna is permanently attached and was tested in this configuration.



5. The ZigBee Module was tested in a stand-alone configuration without external covers or shielding and the module is capable of complying with Part 15 emission. DC power lines and data input/output lines connected to the module do not contain ferrites. The length of the data lines are typical of line lengths that will actual be use with this device. All accessories, peripherals, or support equipment were connected to the module during testing were off the shelf units typically used with or in our bar code scanning equipment.
6. The FCC ID of the ZigBee Module will be used on all products containing this module. The exterior label will use wording "Contains FCC ID: LW5ZIG100ND". Metrologic will use similar wording that expresses the same meaning. Instructions provided with the module require the label to be added to all end use devices.
7. A copy of the instructions is included in the application for equipment authorization. The Freescale chipset used in this module is a commercial unit and the instructions for use are included with this application.
8. The ZigBee Module will be integrated into a variety of table top and handheld devices. RF exposure requirements will be evaluated on each device. The module uses a spread spectrum transmitters operating under Section 15.247 will address RF Exposure compliance in accordance with Section 15.247(b)(4) and OET65C 01-01 guidelines for spread spectrum devices.

Metrologic will retain control over the final installation of the device, such that compliance of the end product is assured. All products produced by Metrologic are internally tested and verified by 3rd party Nationally Recognized Test Laboratories for world wide compliance.

Sincerely,

Edward Baxter

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