

MICROLINK COMMUNICATIONS INC.

Dec.3, 2009

Request for Modular Approval Attestation for the **2.4 GHz ZigBee** Module (FCC ID: **XZPMZG-9162**)

Per the FCC Public Notice DA-00-1407 for Part 15 Unlicensed Modular Transmitter approval the following information is provided:

- 1) PN DA 00-1407 Page 2 Item 1: The EUT must have its own RF Shielding and be a complete RF transmitter. The EUT must not rely upon the shielding provided by the device into which it is installed for RF shielding. **The EUT has its own RF Shielding and be a complete RF transmitter, please see the EUT internal photos. And the EUT doesn't rely upon the shielding provided by the device into which it's installed for RF shielding.**
- 2) PN DA 00-1407 Page 2 Item 2: The EUT must have buffered modulation/data inputs. **The Module has buffered data inputs to insure compliance with Part 15 requirements under conditions of excessive data rates or over-modulation.**
- 3) PN DA 00-1407 Page 2 Item 3: The EUT must have its own power supply regulation and VCO built-in. **The module contains an onboard supply voltage regulator**
- 4) PN DA 00-1407 Page 2 Item 4: The antenna must either be permanently attached or employ a "unique" antenna connector. Any antenna used with module must be approved with the module at time of initial authorization. Professional installation provision may not be applied to modules regarding use of any other antenna other than the one authorized at the time of Certification of the module. **The transmitter shall only be used with the tested integral antenna**
- 5) PN DA 00-1407 Page 2 Item 4: Any antenna used with the module must be approved with the module. (The "professional installation" provision (15.203) may not be applied to modules) **The transmitter shall only be used with the tested integral antenna**
- 6) PN DA 00-1407 Page 2 Item: The modular transmitter must be tested in a stand-alone configuration. i.e., the module must not be inside another device during testing. (If tested in a Host Device then there must be a specific note on the Certification.) **The module was tested in a stand-alone configuration.**
- 7) PN DA 00-1407 Page 2 Item: Unless the module is battery powered, it must comply with the AC line conducted requirements found in Section 15.207. **The module is powered by DC 2.1-3.6V.**
- 8) PN DA 00-1407 Page 2 Item: AC, DC, and data input/output lines must not contain ferrites, unless they will be marketed with the module. **The AC, DC, and data input/output lines doesn't contain ferrites.**
- 9) PN DA 00-1407 Page 2 Item: The module must have its own FCC ID and if not visible when installed inside another device, the outside device must display a label referring to the enclosed module. In this case, a copy of the instructions must be included in the application for equipment authorization. **The outside device must display a label, please refer the documents XZPMZG-9162_ID label. PDF**
- 10) PN DA 00-1407 Page 2 Item: The modular transmitter must comply with any specific rule or operating requirements applicable to the transmitter and must provide ADEQUATE instructions along with the module to explain any such requirements. **The module is compliance with all applicable FCC rules. Detail instructions are given in the user's manual.**
- 11) PN DA 00-1407 Page 2 Item: The module must comply with RF exposure requirements. See FCC Rules. Spread Spectrum transmitters must comply with RF exposure limits in 15.247. **The module complies to FCC Part 15.247**

and has a measured maximum measured power output of 17.82 dBm EIRP. The module is compliance with all applicable FCC RF exposure requirements.

- 12) PN DA 00-1407 Page 2 Item: When approved, the grant of equipment authorization for the transmitter module MUST have the word "module" or "modular" added to the Remarks section of the grant. **Add the word "module" to the grant**

Sincerely,

MICROLINK COMMUNICATIONS INC.

A handwritten signature in black ink is written over a circular red stamp. The stamp contains some text, including "MICROLINK COMMUNICATIONS INC." and "PETER PI".

Piter Pi / PE