



April 13, 2010

Re: Request for Limited Modular Transmitter Approval
FCC ID: K4U-ZIM-B IC
IC: 2146A-ZIM-B

Gentlemen,

The following information is being provided per the requirements of DA00-1407 regarding modular approval of Part 15 devices.

This transceiver is a complete RF module with an integral reference oscillator.

External connections are provided for power and data communication.

The following numbered items correspond to similarly numbered paragraphs in DA00-1407. Each item is a response to the requirements of that document.

- 1.) The module has integral RF shielding to isolate it from surrounding equipment and environment.
- 2.) All inputs are processed as data by the on-board microcontroller. The end user has no direct control of transmit modulation.
- 3.) The module does require the end user to provide a regulated $3.3\text{ V} \pm 1\%$ supply and this restriction is clearly stated in the user manual. This restriction should also be listed in the grant notes.
- 4.) An integral PCB trace antenna is used with this module. This satisfies the requirements of Part 15, § 15.203.
- 5.) The module was tested in a stand-alone configuration and found to be compliant with Part 15, FCC Rules.
- 6.) An FCC ID label is affixed to each unit at the time of manufacture. Information is also clearly presented in the user guide about labeling requirements for the final assembly.
- 7.) The unit is compliant with Part 15, § 15.247. Installation and other requirements are presented in the user guide to allow the unit to be correctly installed.
- 8.) The unit is compliant with the RF exposure requirements of Part 2, § 2.1091 and 2.1093.

Further information may be obtained from Jabil Circuit, Inc.

Sincerely,

A handwritten signature in black ink, appearing to read "Allen S. Fernandez".

Allen Fernandez