



May 6, 2008

Federal Communications Commission
7435 Oakland Mills Road
Columbia, MD 21046-1609

To Whom It May Concern:

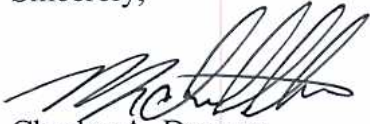
In reference to the application for FCC ID#: I28-URFIDM5E (Zebra M5e radio module using the ThingMagic M5e UHF RFID encoder), this device is being submitted for LIMITED MODULAR TRANSMITTER APPROVAL based on the guidelines in FCC Publication DA 00-1407. Note that I28-URFIDM5E is a radio module that will be used exclusively within products made by Zebra Technologies Corporation.

- 1) I28-URFIDM5E is based on a ThingMagic M5e UHF RFID encoder. The ThingMagic M5e UHF RFID encoder is a shielded device.
- 2) I28-URFIDM5E has buffered inputs on all digital lines. Overdriving one or more of the digital inputs will have no affect on the transmitter output.
- 3) The I28-URFIDM5E radio module is designed to accept regulated 5 VDC at its input. The radio module then regulates the input voltage.
- 4) I28-URFIDM5E antennas which is mounted (with the radio) inside a finished printer. The antenna is not user accessible, nor is the antenna cable / connector user accessible; for these reasons the antennas can be considered to be permanently attached. If the radio is to be used with a new antenna, further testing will be performed and a Class II permissive change will be obtained.
- 5) I28-URFIDM5E was tested in Zebra host printers (RZ400 and RZ600).
- 6) I28-URFIDM5E will carry a label containing the FCC ID number. As this module will always be mounted on the interior of a Zebra product, it will not be visible to an end user. Thus "Contains FCCID: I28-URFIDM5E" will appear on the external label of the product the radio is mounted into. All products containing this module will have this statement clearly visible. Examples of both the internal and external labels have been provided as part of the application.
- 7) I28-URFIDM5E will only be used with Zebra Technologies products; this includes printers built by Zebra that are branded for other companies. Thus Zebra will maintain

full control over the use of the module and can guarantee that all conditions for use will be met in any product that the module is installed in.

8) The products that I28-URFIDM5E will be used in are not body worn devices so are not subject to Part 2.1093 of the FCC rules.

Sincerely,

A handwritten signature in black ink, appearing to read 'C. Derrow', with a stylized, cursive script.

Charles A. Derrow

Manager, Compliance Engineering

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