



July 6, 2005

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

To Whom It May Concern:

In reference to the application for FCC ID#: I28MD-ZLAN11B (802.11b compact flash radio module), this device is being submitted for limited MODULAR TRANSMITTER APPROVAL based on the guidelines in FCC Publication DA 00-1407. We believe that this transmitter meets all 8 criterion listed in DA 00-1407 as detailed in the paragraphs below.

Note that I28MD-ZLAN11B is a radio module that will be used exclusively within products made by Zebra Technologies Corporation.

- 1) I28MD-ZLAN11B is based on a DPAC Airborne 802.11b radio module. The DPAC Airborne is fully shielded.
- 2) I28MD-ZLAN11B 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 device is designed to accept regulated 3.3 VDC at it's input. Further, since the module will only be used in Zebra products, Zebra has full control of the power supply to the compact flash module and will assure a 3.3 VDC supply.
- 4) I28MD-ZLAN11B will always be used with one of a family of approved antennas, all of which are mounted (with the radio) inside a finished printer or other Zebra product. None of these antennas is user accessible, nor is the antenna cable / connector user accessible; for this reason the antennas can be considered to be permanently attached. All of the antennas in the family have been tested with the radio module as part of the limited modular approval; test results are included with the application. 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) I28MD-ZLAN11B was tested in a stand-alone configuration, outside of any Zebra printer.
- 6) I28MD-ZLAN11B will carry a label containing its FCC ID number. Additionally "Contains FCC ID: I28MD-ZLAN11B" will appear on the external label of the product the radio is mounted it. 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.

Zebra Technologies Corporation

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- 7) I28MD-ZLAN11B will only be used with Zebra Technologies products (QL series and RW420 mobile printers). These printers may be re-branded for other companies. 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) Most of the products that I28MD-ZLAN11B will be used in are body worn devices subject to Part 2.1093 of the FCC rules. Due to the power levels measuring well below the RF exposure limits, the I28MD-ZLAN11B was exempt from SAR testing.

Sincerely,

Gus Medina
Compliance Engineer
Zebra Technologies Corporation