



December 27, 2007

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-ZLANGVH (Zebra ZLANG-VH radio module using the Samsung SWL-2460 chipset radio), this device is being submitted for LIMITED MODULAR TRANSMITTER APPROVAL based on the guidelines in FCC Publication DA 00-1407. Note that I28- ZLANGVH is a radio module that will be used exclusively within products made by Zebra Technologies Corporation.

- 1) I28-ZLANGVH is based on a Samsung SWL-2460 radio chipset. The Samsung SWL-2460 radio chipset is fully shielded.
- 2) I28-ZLANGVH 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-ZLANGVH radio module is designed to accept regulated 3.3 VDC at its input. The voltage regulator for the 3.3VDC input is not located on the radio module board itself, thus a Limited Modular Approval is being sought. Further, since the module will only be used in Zebra products, Zebra has full control of the power supply to the radio module and will assure the correct regulated supply voltage is supplied.
- 4) I28-ZLANGVH 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-ZLANGVH was tested in Zebra host printers (110XIII, ZM400, ZM600, S4M).
- 6) I28-ZLANGVH 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-ZLANGVH" 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.