



American Telecommunications Certification Body Inc.
6731 Whittier Ave, McLean, VA 22101

April 16, 2002

RE: Zebra Technologies Corporation

FCC ID: I28RFID-R402-2

After a review of the submitted information, I have a few comments on the above referenced Application.

- 1) Please provide a FRN Number for Zebra Technologies Corporation. The FRN listed on the 731 is for D.L.S. Electronic Systems, Inc. This is now required for all Grantees - (reference MD Docket No. 00-205). To obtain an FRN online, visit the FCC's Web site at www.fcc.gov and click the Commission Registration System (CORES) link. For further assistance, please either refer to the FAQ at this same link; contact the CORES helpdesk at CORES@fcc.gov; or call the CORES helpdesk toll-free number: 1-877-480-3201.
- 2) The EUT contains a Parallel port (requiring certification or DoC authorization, or possibly verification depending on intended use). Is the device considered to be a composite device subject to both the requirements of a PC Peripheral & TX requirements? If so, has the device been properly configured and tested as a PC peripheral. Please explain.
- 3) The EUT also appears to have another port (DB9). Please explain the function of this port.
- 4) The Users Manual does not appear to contain the statements required by 15.21 & 15.105. Please provide an updated manual.
- 5) Page 6 of the test report mentions an average detector was used for measuring the fundamental emissions. The fundamental should be tested with a peak or QP detector. Please comment.
- 6) Please explain the modes of operation that the transmitter was set to for all tests. For instance, was it set to continuous transmit for all tests?
- 7) The spurious emissions > 30 MHz should be measured at 3 meters per 15.209. The test report appears to show this test being performed at 10 meters. Please comment.
- 8) Please provide occupied bandwidth plots or data in order to show bandedge compliance as well as compliance with any modulation products that may fall in the 13.36-13.41 MHz restricted band.

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Examining Engineer

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The items indicated above must be submitted before processing can continue on the above referenced application. Failure to provide the requested information may result in application termination. Correspondence should be considered part of the permanent submission and may be viewed from the Internet after a Grant of Equipment Authorization is issued.

Please do not respond to this correspondence using the email reply button. In order for your response to be processed expeditiously, you must submit your documents through the AmericanTCB.com website. Also, please note that partial responses increase processing time and should not be submitted.

Any questions about the content of this correspondence should be directed to the sender.