



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

July 8, 2004

RE: Alien Technology Corporation

FCC ID: P65ALR9780

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

Administrative Issues:

- 1) The test data states that copper tape was added during the test. This appears to have been present for a majority of the testing. Please explain this and how it will be incorporated into the EUT.
- 2) The test report states that "the ethernet port and I/O were not necessary to be connected for Transmitter testing." The FCC expects Part 15 devices to be tested under worse case conditions/configurations since it is uncertain if cables may contribute to the readings and the number of cables used by the end user is installation dependent. Additionally, please note that the test data supports that the RS-232 has an affect on the test data. Also note that ANSI C63.4 section 13.1.2 for intentional radiators references section 6.2 for configuration of the device. Preliminary testing or additional testing should have been performed in order to evaluate the effect (if any) hat these cables have on measurements > 1 GHz, especially given that the RS-232 shows it had an affect.

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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.