



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

December 15, 2004

RE: Alien Technology Corporation

FCC ID: P65ALR9640 Permissive Change

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

- 1) In the EMC report, the difference between Peak and Average values for the fundamental appear to be about a delta of 11 dB. Typically the difference between peak and average on this type of transmitter is not expected to be 1-2 dB. The larger delta suggests that maybe the fundamental was not configured properly for continuous transmission during this test and possibly a larger VBW should be used during testing. Also note that from the data it appears that > 100 ms per channel occurs, so duty cycle correction would not be allowed. Please provide information to support that the VBW was > 1/Ton time during average measurements. If necessary, please provide new data.
- 2) Industry Canada requires TCB's to have the original documents filed on record in order to evaluate a Reassessment application. Please upload all original documents using the "Additional Information" exhibit type.

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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.