



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

February 21, 2005

RE: DLP Design, Inc.

IC Number: SX9000RF2

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

- 1) Please note that the shield added will comply with FCC modular requirements. However, was the device tested with this shield in place. The test setup photos do not appear to show the module having RF shielding in place. Please note that because it cannot be determined what affects the shielding may or may not have on the module (it could behave as a slot antenna, or coupling mechanisms change that actually increase radiated results) the shield **MUST** be tested in place on the device and cannot be placed on the device afterward.
- 2) Page 10 mentions and 84.4% duty factor, but also still states a correction factor of 20 dB. This should be corrected.
- 3) The response provided appears to be from another application and does not appear to address the following previous questions. Please provide information in regards to:
 - a) The preferred format for the FCC ID on the label is to include a ":" after the term FCC ID. It is recommended to correct this.
 - b) Please explain the use of the FCC DoC label on this device. At first review, this device does not appear to necessitate the need of a DoC label.
 - c) The FCC specified in the users manual is incorrect.
 - d) The FCC has asked that TX's tested in modular form be positioned such that the antenna is not on the table top, but positioned a small distance above the table top (2-3 cm). This is due to the fact the FCC has seen where positioning of the antenna directly on the table top causes loading of the antenna to be different than actual use and can provide inaccurate data on the TX. Additionally the antenna should be positioned in the polarities expected for use. Please review radiated test data and test configuration photographs as necessary to be in compliance with the FCC's expectations. Also, please see information below from training that mentions this in part (note the coupling and proximity to wood table was mentioned verbally during the training session from the training slide to follow.

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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.