

# AmericanTCB, Inc.

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RE: Breezecom LTD. LKTEAP-11AMP

Desmond,

- 1.) The Confidentiality letter is not appropriate. No test data including plots can be held confidential.
- 2.) The photographs must be separated into inside views and exterior views. This is required by FCC.
- 3.) The labels are not readable on the label photographs.
- 4.) The site photos at four per page are too small to be useful.
- 5.) RF Exposure information should be broken out as a separate file.
- 6.) I would like to suggest that in the future the MS-DOS filenames should contain the section number of the report. This will save me time in the review process. As an example, rename various extracted files to:
  - a. 200238\_Breezecom\_Product\_Description\_section8.pdf
  - b. 200238\_Breezecom\_Plots\_section13a.pdf
  - c. 200238\_Breezecom\_Plots\_section13b.pdf
- 7.) Please provide evidence of 15.203 connector requirements if equipment can be used without Teletronics 2400S. Has the Breezcom by itself been Certified previously?
- 8.) Please confirm if all installations will use the 30' or greater cable listed in Section 3.2. The manual section 0.1, 0.4 and 8.37 appears to indicate a cable of just 10" could be used. Also note that the last sentence of 3.2 indicates there is a column labeled "Radio Power": It is not apparent what column is this on the table.
- 9.) RF Power Output is listed as a maximum of +26.5dBm. Rules specify that RF output must be reduced 1dB below the one-watt limit for every three dB of antenna gain above 6dBi. For the +24dB gain antenna, this means a reduction of  $[(24-6) / 3]$ , or 4 dB. The maximum conducted power that should be conducted to the antenna is then +26 dBm. Table in 3.2.2 appears to show failing data.
- 10.) In Section7, please indicate how 15.204(b) bi-directional module will be labeled.
- 11.) The product description appears to refer exclusively to the 15.204 (b) transmission system. It does not include anything about the Breezcom transceiver. Is this appropriate?
- 12.) The language of page 0.6 of the manual could be interpreted to permit indoor installations.

The items indicated above must be submitted before processing can continue on the above referenced application. Failure to provide the requested information within 30 days of the original e-mail date may result in application dismissal pursuant to Section 2.917(c). 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 reply to this correspondence using the email reply button. In order for your response to be processed expeditiously, you must attach your answers to email correspondence. Reply to the examiner at the email address shown below. 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 e-mail address listed below the name of the sender.



William H. Graff  
Examining Engineer  
Vice President of Engineering