



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

June 17, 2004

RE: Alpha Networks Inc.

FCC ID: RRK2004030017-1

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

Administrative Issues:

- 1) External photographs should show the interface connector and/or with covers removed. Please update to include.
- 2) Internal Photographs should also show the area underneath all shields. Please update to include.
- 3) Please define the difference between Modes A, B, & C given on page 9 of the EMC report. Which modes are 802.11b vs. 802.11g. Also, it appears only one set of radiated data is provided for > 1 GHz, although the test photos show all 3 modes. Please explain and/or clarify which was used for > 1 GHz.
- 4) Page 40, Vertical Data shows 9748 data for peak. Since this is in excess of the Average limits, average measurements must be shown for this point as well. Since the Horizontal Peak data was lower, but the average horizontal data was very close to the limit, the Vertical data will likely be higher and could be over the limit.
- 5) The validation appears to be performed on a different day than shown on the plot. It appears the verification plot is for a different day than all the data. Please explain. Note the FCC expects the verification to be performed the same day.
- 6) FYI...The report states "The probe effect boundary compensation shall be applied during the SAR test because the tip of the probe to the phantom surface distance are larger than $\frac{1}{2}$ the tip diameter". This concern does not appear correct. Note that when boundary compensation is used, the distance is not a concern. The concern is only when probe boundary effect compensation is NOT used, then the Probe tip must be positioned $\geq \frac{1}{2}$ the probe tip diameter during area and zoom scans.

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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.