



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

February 2, 2004

RE: Alpha Networks Inc.

FCC ID: RRK2003060017-2

I have a few comments on the above referenced Application.

- 1) The block diagram should show the frequencies of all oscillators in the TX device (CFR 2.1033(a)(5)). Please provide.
- 2) Although you mentioned that the data on page 35 looks complete, it is very unlikely that all four measurements would be 100% identical down to 2 decimal places. It appears that a cut and paste error may have occurred in the presentation of the data. Please re-verify. Please note that this may affect any bandedge measurements reported. Please review.
- 3) This application requests a limited modular approval for access points and similar devices. However, the users manual mentions installation in a computer (page 12). Additionally the information for drivers installation references the Card as if it has been installed in a computer vs. installation in an access point (i.e. the end user will likely have drivers for the access point and not for a wireless card). If modular approval is being requested for devices such as access points, then the manual provided should be for these types of devices. If the application also requests installation for laptop configurations, further detailed information should be provided such that any OEM manufacturer understands what type of laptop configurations may be allowed, and which ones are not allowed. Note that currently the modular letter provided only requested devices such as access points and routers. Additionally, the length of coax present during testing and the type of antenna will not install in a laptop in a way to meet the 20 cm portable requirement requested by this application. Therefore, the users manual provided does not appear applicable to this device. Please provide a proper installation manual for the intended use of this device. Please note that installation will only be allowed by OEM manufacturers and not end-users.
- 4) Verify that the EMC radiated test was done with both co-located TX's active, or if this will be addressed in a future PC application. Please see detailed information provided in a separate email.

A handwritten signature in black ink, appearing to read 'Timothy R. Johnson'.

Timothy R. Johnson
Examining Engineer

[mailto: tjohnson@AmericanTCB.com](mailto:tjohnson@AmericanTCB.com)

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.