



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

January 10, 2007

RE: Amigo Technology

FCC ID: RC6AWI-926T

I have a few comments on this Application. Depending on your responses, kindly understand there may be additional comments.

- 1.) The block diagram provided still needs some work. This document should parallel the active RF devices used in the Schematics. Please provide a functional block diagram showing how this device creates, modulates and amplifies radio frequency emissions.
- 2.) The Operational Description is still weak. Remember, an operational description should be a circuit level description of how radio frequency energy is created, modulated and amplified. The Operational Description should compliment the Block Diagram.
- 3.) Your band edge test results Section 8.4 of the Test Report shows a "distance extrapolation factor". This is not accounted for in the procedure Section 8.1. This is a radiated measurement, and I do not believe that a -9.54dB extrapolation could apply. The limit in the 15.205 restricted bands is 54dBuV based upon "average" settings as illustrated in ANSI C63.4. Assuming you have a "true" CW signal, this would be a measurement at 3M with a 1MHz RBW and a 10Hz VBW. Were you making measurements at a distance other than 3M? If so, this needs to be identified. You also claim to have made measurements on 4 bit rates. There are typically more than 4 bit rates available in any 802.11b/g card.
- 4.) I went back and reviewed again Section 3.6 of the Test Report. Please note that although it is not specifically excluded in ANSI C63.4, testing at frequencies above 1GHz should not automatically be performed at 1meter. There are two concerns: (1.) the 1 x 1.5M table top is much larger than the test distance, and (2.) testing so close negates the potential effect of the ground plane. Your laboratory equipment should be very capable of making these measurements at 3M up to, at minimum, 6GHz. Please review your procedures.
- 5.) Please confirm that no Confidentiality Request will apply to any portion of this filing.
- 6.) The FCC database shows the contact person associated with Amigo Technology is Ken Chen. This is not the person who has signed the Form 731 or the Agent Authorization letter. How do I know Elf has the authority to sign any documents on behalf of Amigo?

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President and Director of Engineering

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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.