



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

July 3, 2002

RE: GEMTEK TECHNOLOGY CO., LTD.

FCC ID: MXF-R910604

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

- 1) Regarding the block diagram. Please a block diagram of the RF portion that includes the frequencies as specified in CFR 2.1033(a)(5).
- 2) This device contains 2 different types of antennas (1 internal, 1 external). It is not clear if both antenna's are capable of transmitting or not. If both are capable of transmitting, then spurious data should be supplied for both types of antennas.
- 3) The operational description states data rates as high as 11 Mbps, while the test report states 22 Mbps (page 6). Does this device contain a higher data rate than tested? Please explain.
- 4) The users manual (page 27) states that shielded interface cables should be used. It is not clear from the test report if the Ethernet cables used were shielded or not. Are shielded cables really necessary for either the Transmitter testing or the Part 15B DoC Testing (report not provided for this testing)? Please Comment.

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.