



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

December 12, 2002

RE: FCC ID: BQI02DR-10100

Attention:

I have a few comments on this Application.

- 1 The manufacturer will have to provide a letter attesting to the fact that he will include all modifications made during testing in the final product.
- 2 Since a ferrite is required for compliance of this device, the ferrite on the Ethernet cable must be provided with the product and instructions on how to install it need to be in the manual. Alternately, the Ethernet cable with ferrite must be provided with instructions for installation.
- 3 You refer to ANSI C63.4 for testing. Please note that while ANSI would apply to the Digital part only. Testing of the licensed device would not be to ANSI C62.4. Please verify that Part 95 testing was done to the appropriate test method and please remove ANSI C63.4 reference to the transmitter testing.
- 4 Please note, as of Oct 16, 2002 Part 15.241 and 15.242 are non-existent for this type device. You have properly tested to Part 95 H, but you have referenced non-existent Part 15 sections in your report. These need to be removed from the report. Please provide a revised report removing reference to ANSI C63.4 as a measurement method for this transmitter.
- 5 The modifications done on the digital board do not appear to have been made to the schematics. Please make sure that in the letter from the manufacturer attesting to incorporate the modifications made during testing they also attest to making the proper changes in the schematics. Please provide this revised schematic as soon as possible.
- 6 FYI, no action needed. Please note that this is a licensed device and as such ANSI C63.4 measurement techniques do not apply. Please note that spurious emissions above 1GHz are specifically stated as being measured in accordance with 95.1115(b)(2), which states, "Out-of-band emissions above 960 MHz are limited to 500 uV/m as measured at a distance of 3 meters using **measuring equipment with an averaging detector and a 1 MHz measurement bandwidth**.. Historically the FCC has done the pulse width modulation for pulsed devices such as this for obvious reasons, but technically the rules do not accept this measurement technique.

Dennis Ward

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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.