



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

January 8, 2009

RE: ATCB007097 – Original Equipment & Single Certification

FCC ID: CEXQFPILOT & IC: 3707A-QFPILOT for Quantum Instruments, Inc.

I have a few comments on this Application. Please **do not put confidential information** in your responses to these questions because the response letter will not be held confidential by the FCC. Depending on your answers there may be more questions.

1. The response to item 3 of my request for additional information dated December 14, 2008, is not correct. You indicate that text was added to the appropriate test sections of the test report, but no amended test report was uploaded with these corrections. Please provide the amended test report.
2. The response to items 4 and 5 of my request for additional information dated December 14, 2008, is unacceptable. The FCC requires specific information on detector functions, resolution bandwidths and video bandwidths used during radiated emissions measurements. Stating that the FCC Rules or ANSI C63.4-2003 was followed is not an adequate response. Please provide: (a) the resolution bandwidth and video bandwidth of the measuring instrument used for making radiated emission measurements of the fundamental emission on page 13 of the test report (page 6 of 10) and (b) the detector function, resolution bandwidth and video bandwidth of the measuring instrument used for making radiated emission measurements of the device emissions on page 13 of the test report (page 7 of 10).
3. The response to item 7 of my request for additional information dated December 14, 2008, is not correct. The sentence to which you refer goes on to state that this procedure (ANSI 63.4-2003) was followed regarding ambient temperature and humidity specifications. Nowhere in this paragraph does it refer to the test procedures in ANSI C63.4-2003. The preceding paragraph in the test report should be modified to include ANSI C63.4-2003 as the test procedure followed. The Part 15 Rules do not contain the actual test procedures to be followed. The Part 15 device test procedures are referenced in Section 15.31 of the Rules.
4. Your response to item 8 of my request for additional information dated December 14, 2008, is not correct. You indicated that a new schematic diagram has been uploaded but no new schematic diagram was submitted. Please submit a legible schematic diagram.

Richard Fabina

Examining Engineer

[mailto: rfabina@AmericanTCB.com](mailto:rfabina@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.