



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

February 14, 2002

RE: Precise Biometrics AB

FCC ID: PBKMS010039

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

- 1) Previous units for Precise Biometrics AB have been considered PC Peripheral devices. The product literature for this device shows that the unit may contain an RS232 or RS485 output (requiring certification or DoC authorization, or possibly verification depending on intended use), while the test report appears to show that the unit was tested only with a Wiegand output (requiring only verification authorization). Where the additional optional outputs tested? If the unit may contain an RS232 output, then may the EUT be considered to be a composite device subject to both the requirements of a PC Peripheral & Mifare TX requirements?
- 2) Please provide clearer or higher resolution internal photographs.
- 3) The label appears to have plenty of space available and therefore should also include the statements specified by 15.19(a)(3).
- 4) The test results given in Annex 4 show both a level and transducer. Please confirm that the transducer value is already calculated/corrected for in the Level shown in the 2nd column.
- 5) The conducted emissions setup is not consistent with the procedure specified by ANSI C63.4 (i.e. location of LISN, presence of vertical ground plane, etc.).
- 6) The 9 meter and 30 meter tests show the unit positioned on its side, while typically the unit would be installed in an upright position. Please explain.
- 7) ANSI C63.4 (as referenced by 15.31) specifies frequency stability to be performed in 10 degree increments. Data was not provided for -10, 0, 10, 30, and 40 degree C. Please provide either the missing test data or provide a notation on the data page with a description of the engineering judgment used for not supplying this data.
- 8) For tests below 30 MHz, the FCC only allows use of the magnetic loop antenna. The list of test instruments includes both a rod antenna and loop antenna. Please confirm that the loop antenna was used for all measurements below 30 MHz. Please explain the use of the rod antenna.

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.