

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

October 27, 2001

RE: Martec Access Products, Inc.

FCC ID: JCQ-955

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

- 1) The information regarding your  $K_G$  Factor used in calculating the field strength given in section 5.3 of the test report is ambiguous. While the amplifier gain is subtracted during the calculation, the Cable loss should be added. Please explain how the preamplifier gain includes the cable loss.
- 2) Information given in the test report within Section 5.1 of the test report (regarding the prescan) states that only the LO and its harmonics were seen from the DUT. However, plots provided in Figure 5.1 show broad band emissions from about 300 MHz up to 700 MHz with the EUT powered on. Broad-band emissions seen in the 3-m prescan data can be typical for certain types of super-regenerative receivers. Please help clarify this discrepancy.
- 3) Please provide test configuration photographs for conducted emissions.
- 4) The DUT is a receiver only. Please update the 731 section 7(b) & 8 with appropriate information regarding a typical transmitter that the DUT will work with.
- 5) FYI. The information presented on the 731 in regards to the applicants contact information does not match the information on record at the FCC. This will not affect processing of this application, however I have enclosed a separate attachment that explains how the applicant may go forth changing this if they wish.



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.