



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

June 30, 2002

RE: Prime Electronics & Satellitics Inc.

FCC ID: PQP-WA222M

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

- 1) Regarding the block diagram. Please provide one of the following:
 - a) A block diagram of the RF portion that includes the frequencies as specified in CFR 2.1033(a)(5).
 - b) Alternatively, if the radio is a modular component from a different manufacturer, you may instead provide a parts list that shows the RF modular radio as a part from a different manufacturer. If the parts list is provided, please be sure to let us know if confidentiality is requested on it and updated the confidentiality letter if necessary.
- 2) This device is considered both a Part 15 transmitter and a class B PC peripheral and is subject to the requirements for both.
 - a) Please include a copy of the information sheet specified in 2.1077 (required for the DoC approval) as part of your users manual exhibits.
 - b) The report provided for certification only covers the transceiver portion of the device. This report also specified a test report number 025H043F for the DoC requirements (PC peripheral and reciver). For these test requirements, the device should have been tested along with the minimum PC configuration (all together on the test table) as specified by ANSI C63.4 to meet the DoC requirements as a PC peripheral. Please confirm that the EUT has been properly evaluated and tested in this configuration.
- 3) Please confirm the VBW settings used for peak and average radiated measurements above 1 GHz.
- 4) The occupied bandwidth test should be made with a RBW = 100 kHz with the VBW \geq 100 kHz (see Appedix C of ET Docket No. 96-8). Please provide new test data for this test.
- 5) The test data for spurious emissions & band edge emissions shows a preamp factor for measurements $>$ 1 GHz. The test equipment list only shows an 8447D preamp which is typically used only to 1.3 GHz. Please explain.

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Examining Engineer

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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.