



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

October 10, 2002

RE: Teletronics International Inc.

FCC ID: MFMSAMP24W

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

- 1) The block diagram of the test system on page 15 of 22 of the new appendix does not show the cable length between the amplifier and the antenna. Did this length vary for each type of antenna type tested as in the original testing and according to the table on page 9 of 141 of the original test report? Please comment and/or correct this fact.
- 2) From the information provided the original testing was performed with about 19.3 dBm into the amplifier. The additional testing states that the power was reduced to a minimum at the amplifier input of around 9 dBm (Ref: Additional Appendix Section 2.4). However, the users manual states that the minimum input is around 3 dBm, which per our discussions and your data have shown will not occur. Please correct Table 2-1 of the users manual regarding the minimum specified input into the amplifier.
- 3) The device configuration and labeling issues addressed in this application are for the configuration using a combined system with the Access Point only (note that the specific models approved will be listed as a grant condition). For the PCMCIA and Bridge configurations mentioned, the following concerns arise:

PCMCIA Card - Standalone

Although the Radio is the same, this approval is being performed for a system, in which everything must ship at the same time. In order to approve the device as a general PCMCIA card would require a separate FCC ID, and the application would also need to address the modular requirements (including testing as a stand alone device).

Bridge Units:

If the differences between the access point and the bridge units are considered software or minor hardware issues (to the digital device portion only), then these models may also be able to be included under the same FCC ID Number. To help determine if we can approve these under a single ID number, we require a detailed explanation of the differences between the bridge (both models) and access point units. Also, if there are any physical differences than can be seen in photographs (both internal & external) then additional photographs should also be supplied.

Please note that alternatively if the PCMCIA Card had been tested and approved in a modular fashion (same as CISCO originally did), then the PCMCIA card could then be used as a stand alone, in a laptop, or in different devices such as the access point and bridge units without further certifications (although certain labeling/manual issues would need to be applied to each of the units it was installed within).

Timothy R. Johnson
Examining Engineer

Direct Phone: 404-414-8071
[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.