



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

October 23, 2002

RE: Baran Advanced Technologies (1986) Ltd.

FCC ID: QNX-ASPKB

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

- 1) The operational description for this device states that the unit contains a serial protocol output. If the unit contains an serial (RS232) output, then the EUT may be considered to be a composite device subject to both the requirements of a PC Peripheral & TX requirements, if its intended use in some instances is to be connected to a PC (requiring certification or DoC authorization, or possibly verification depending on intended use). Please explain.
- 2) Please provide close up internal photographs of the top and bottom of each independent board, including the transmitter board and antenna if possible.
- 3) Regarding the Transmitter schematics, please provide one of the following:
 - a) A schematic of the RF TX portion of the device.
 - b) Alternatively, if the radio is a modular component from a different manufacturer, you may instead provide a parts list that shows the Module 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 update the confidentiality letter if necessary.
- 4) The loop antenna was positioned vertically and rotated about its axis. However, the EUT should also be tested with the loop antenna positioned about the horizontal axis. Please provide additional test data or attestations as to the worse case positioning of the loop antenna.
- 5) Please provide an occupied bandwidth plot, taking care to show compliance of the occupied bandwidth with respect to the restricted band located at 90-110 kHz.

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.