



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

October 28, 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) Regarding your response to previous question 5), we realize that the field strength is significantly below the limits. However "only spurious emissions are permitted in the restricted bands" as specified by 15.205. Sidebands of the fundamental are classified as part of the fundamental until they are at least 26 dB below the fundamental level. The EUT appears to meet this requirement, but due to the proximity of the fundamental level to the ground floor (only about 10 dB delta is shown @ 3 meters), compliance can not be assured for any spurs or side lobes that could occur. Please provide an occupied bandwidth plot that clearly shows compliance with the restricted band 90-110 kHz.
- 2) FYI, Regarding previous question 4), we will accept this explanation for this application, however please note that ANSI C63.4 8.2.1 does reference both horizontal and vertical polarizations for use of the loop antenna. For future applications when the fundamental is < 30 MHz where the loop antenna is used, please be sure that the test procedure for the loop antenna includes additional measurement in the horizontal position.

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.