



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

February 15, 2003

RE: FCC ID: QLBPTSS2003  
Attention: Tim Johnson

I have a few comments on this Application.

1. The device appears to always start at the frequency in the hop table. I can understand the pseudo random approach once started, but how does the device meet the pseudo random requirement of the start frequency? Is the last hop frequency always the same thus causing a potential random sequencing concern? Please explain.
2. Please note that the manual states, "...20cm (8 inches) from all persons (not including arms and hands)... Please note that the extremities apply to hands, feet, wrists, etc. The fleshy part of the arm may not fit the extremity definition. Please clarify the manual to say "not including hands and wrist" or some other similar statement that does not bring question as to the body separation distance.
3. What type of products is this intended to be used in and how does the manufacturer intend to prevent use in portable devices?
4. Please note, "Test photographs were found to be corrupted and could not be provided" is not an acceptable reason for not providing setup photos. Please provide the necessary setup photos for radiated emissions, or please provide adequate reasons for not providing these photos.
5. Section 2.6 of the report lists 2 antennae, yet table 1a only shows one. Please explain.
6. While not significantly affecting the results, your emissions calculations in the spurious emissions tables do not appear to be correct. Please verify and show a sample formula that you used in your calculation.
7. Please note that while you state no emissions were found within 10dB of the FCC limit, you have not stated if this is average or peak readings. Please verify that the average limits above 1GHz and the defacto peak limits above 1 GHz has been met.
8. Please note that you have not specified the antenna used in your OATS emissions radiated spurious testing. Please verify that you have tested both and that both antennae are compliant for radiated emissions testing.

Dennis Ward  
<mailto:dward@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.