

# American Telecommunications Certification Body Inc.

6731 Whittier Ave, McLean, VA 22101

October 7, 2003

RE: FCC ID: OWDTR-0029-E

Attention: Daryl Popowitch / Kathy Grzovic

I have a few comments on this Application.

1. Please separate the alignment procedure (Tune up) into a separate exhibit.

Response: The alignment procedure has been uploaded as a separate confidential parts list exhibit, and has been removed from the revised Operational Description, also uploaded with this response.

2. Please verify which emissions designators, if any, are for 90.210 designations.

Response: The 90.210 emissions designators are indicated in Section 14 of the report, Necessary Bandwidth and Emission Bandwidth.

3. Please note that the MPE states uncontrolled/general population limits were used to determine MPE, but the manual states that the device is not intended for this environment. Please note that all of the products have this discrepancy. Please explain.

Response: MPE was re-calculated using limits for controlled environment; please refer to the revised RF exposure exhibit uploaded with this response.

4. Please note that plot 8.1 is said to be Mask C ( assumed 90.210 mask C). However, it does not follow the limits specified in mask C. Except for the final limit line which should be -13dBm the plot appears to follow mask B. Please explain and/or correct as necessary.

Response: During measurement, the channel bandwidth was used instead of the authorized bandwidth, which resulted in the final limit line ( $43+10\log(P)$ ) not being displayed on the plot. Analysis of plot, however, shows that there are no unwanted emissions above the -13 dBm limit at 250% of authorized bandwidth.

5. Please note that plot 8.3 is said to be Mask C. Please note that item 3 of mask C should be  $43+10\log(P)$  or -13dBm. The plot shows a limit of 0dBm (the 50dBc from item 2). Please correct the plots to show the proper limits.

Response: During measurement, the channel bandwidth was used instead of the authorized bandwidth, which resulted in the final limit line ( $43+10\log(P)$ ) not being displayed on the plot. Analysis of plot, however, shows that there are no unwanted emissions above the -13 dBm limit at 250% of authorized bandwidth.

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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.