

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

November 13, 2001

RE: Actiontec Electronics, Inc.

FCC ID: LNQ802CA

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

- 1) Please confirm (Y/N) if the fundamental envelope changes over different bit rates.
- 2) Peak power measurements made with a spectrum analyzer (pg. 10 and 31 of 54) state that the measurements were made with RBW= 1 MHz, VBW = 30 kHz and using the max hold function. Please clarify if the power was summed across the fundamental envelope.
- 3) The antenna gain of the integral antenna was not consistent throughout the report. Page 17 of 54 states 1.45 dBi, while page 38 of 54 and the RF exposure information states 1.2 dBi. Please comment on this inconsistency.
- 4) The output power on the summary page (page 6 of 19) for 5.15 to 5.25 Band does not match test report for Turbo Mode. Please correct this error.
- 5) The device is listed as Class B regarding digital device emissions, however page 52 of 54 states that measurements from 30 - 1000 MHz were made at 10 meters. Please comment.



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Examining Engineer

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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.