



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

November 5, 2002

RE: BROMAX COMMUNICATIONS INC.

FCC ID: O6M-WE302TF

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

SAR Issues

- 1) A field probe must be calibrated in tissue media with the target dielectric parameters specified in Appendix C of IEEE 1528, corresponding to the operating frequency ranges of the test device. Probe conversion factors by extrapolation is not allowed for TCB approval and the calibration should be performed within 5% target dielectric property window for the testing performed (dielectric information was not specified in calibration information). It appears that the additional conversion factors provided by the manufacturer may be extrapolated factors. Please comment or provide additional probe calibration information for the 2.4 GHz band measured.
- 2) The test procedure does not appear to report probe tip distance to phantom inner surface during the scan.
- 3) The report does not appear to a) list measurement and interpolation resolutions of "zoom" scan procedures, b) contain descriptions of extrapolation procedures used to estimate SAR values adjacent to phantom surface, c) description of averaging (integration) procedures to get 1-g SAR from final interpolated grid. Please provide this information.

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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.