



American Telecommunications Certification Body Inc.

6731 Whittier Ave, McLean, VA 22101

December 17, 2002

RE: Bromax Communications

FCC ID: O6M-UW320

SAR Report:

- 1.) Please be sure to provide the FCC ID on the front page of the report, and not just the model.
- 2.) Section 2.1: Please identify the output power as Conducted or Radiated. For clarity, please use linear units for power, and not just dBm.
- 3.) Section 3: Was an un-modulated carrier really used for testing? What is the difference between the RF power from the transmitter in both Modulated and Unmodulated conditions? Please fully describe what test signals are used during testing.
- 4.) Please show the test modes in Appendix A in larger size. Also, please label which one is mode 1, mode 2, etc.
- 5.) All SAR plots MUST show ambient air and fluid temperature during testing.
- 6.) All SAR plots MUST show outline of EUT or antenna (and dipole on validation test) on plot.
- 7.) It is very helpful to identify the plots as mode 1, mode 2, etc.
- 8.) It is a requirement that a z-axis plot be used at the point of highest SAR. Since three modes are utilized, it would be prudent to show z-axis plots for the highest of each mode. Please supply
- 9.) What was the fluid depth used during testing?
- 10.) During dipole calibration, please describe what efforts were used to be sure the dipole was loaded with exactly 50mW. Was forward and reflected power taken into consideration?

Other Issues:

- 1.) There are two antennas described in the Test Report in section 3.1, but only an inverted F antenna described in SAR report. Please explain
- 2.) The Manual quotes a 20cm "Mobile" separation distance between radiator and body. This is not appropriate for an RF category "portable" device. Please revise.

William H. Graff
President and 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.