

American Telecommunications Certification Body Inc.

6731 Whittier Ave, McLean, VA 22101

November 12, 2002

RE: Mobile Communications Technologies, Inc.
FCC ID: OW5BST800

I have a few comments on this Application.

1.) The device in question is a Part 22 AMPS band mobile Cellphone booster. Since most Part 22 800MHz band Cellular products utilize an analog AMPS-FM mode when roaming, it would be prudent to show how this device will operate under AMPS-FM conditions. Please include AMPS-FM data in the test report.

Response: This does not apply as this device is for use with CDMA1 IS 95, CDMA1X, CDMA2000, WCDMA, and GSM with EDGE GPRS systems only.

2.) Maximum power for an 800MHz AMPS-FM product is usually ~600mW, while the minimum conducted power for a CDMA phone is typically -56dBm. Please provide a graph of input vs. output power from at minimum -56dBm to +28dBm input power. Please show where the 3dB compression point will occur. My concern is that excessive noise power in the system will limit or interfere with other users.

Response: This does not apply as this device is for use with CDMA1 IS 95, CDMA1X, CDMA2000, WCDMA, and GSM with EDGE GPRS systems only.

3.) Please provide more detailed installation instructions so both bystanders and passengers will be limited in their RF Exposure by trunk, roof, and glass mount antennas.

Response: Please refer to the revised installation instructions in the User Manual uploaded with this response.

4.) Labeling in manual is incorrect. Since this device is larger than the palm of the hand, the statement of 15.19(a)(1) should be shown on the exterior of the device. It should not appear in the manual.

Response: The 15.19(a)(1) statement is not mandatory for this device however the client requests that this statement remain in the manual due to the growing number of automobiles with televisions.

5.) Information to user as specified in 15.21 is missing.

Response: This statement has been added to the revised user manual that was uploaded with this response.

6.) Tune up procedures are missing.

Response: Per the manufacturer, there is no tune up procedure for this device.

7.) Please provide power output readings for both input and output occupied bandwidth signals. Is channel power peak, average or something else?

Response: Please refer to Section 6 of the revised test report, specifically Plots 6-2, 6-4 and 6-6, for the input and output levels and amplification. The channel power is peak, and is stated in the test report.

8.) Is Agilent communication analyzer listed in equipment list? If so indicate model, serial and calibration date.

Response: A communication analyzer was not utilized for testing; a spectrum analyzer and a signal generator capable of measuring current-generation cellular modulation types were utilized, and these are included in the equipment list.

9.) Please show work in MPE Estimation located in RF Exposure Exhibit.

Response: Please refer to the revised RF Exposure Exhibit uploaded with this response.

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.