



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

November 28, 2006

RE: Mitac technology Corp.

FCC ID: MAU019

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

- 1) Internal photographs appear to show multiple transmitters (CDMA + WLAN + Bluetooth). However the application only appears to be for a CDMA transmitter. Please review.
- 2) Block diagram shows a WLAN transmitter and Bluetooth. Please review/explain.
- 3) It is uncertain if the photographs include the CDMA antenna. For clarity it would be best to label exhibits to clearly denote which antenna is which.
- 4) Manual suggests WLAN is installed in all units (see page 53). Additionally, page 130 suggests this is an 802.11 a/b/g device. Additionally, please note that 802.11a also will have concerns regarding DFS and TPC. Please review.
- 5) NOTE Bluetooth on following pages appears options (which suggests a modular approval). However please note item 9 below.
- 6) Page 57 of the users manual mentions a GSM radio. Please review.
- 7) Given 1 and 2 above, is the 731 form and this application complete?
- 8) It is uncertain where in the device the various antennas are located. It would be desirable to shown an external view of the unit as would normally be used on a table top and label the photograph to show approximate positioning of all antennas in the device. This is necessary to understand RF exposure appropriately.
- 9) Please note that approval of this device only as a CDMA device will not cover the WLAN and Bluetooth. Any future approvals would either require a new FCC ID for the different configuration, or if the WLAN and/or BT utilize a modular approval, a PC would be necessary for all involved applications to cover co-location. Please review/explain as necessary.
- 10) It does not appear that the TX schematics were provided. Please review.
- 11) The users manual mentions both 20 cm (several times) and SAR. It is not clear which is applicable to which transmitter. Please review.
- 12) Please document the CDMA 2000 release versions and the MS Protocol Revision Numbers for the device.
- 13) The test report appears to show 2 models of the device with different panels and optical drives and Bay 1. However only one set of data appears to be provided. Please review.
- 14) ERP and EIRP power appears a little low from expected. Was an appropriate BW used during measurements to ensure RBW was > emissions bandwidth. Please explain.
- 15) A SAR report was provided, but the antennas appear to be in the display portion of the device with 20 and 21 cm distances. These would normally be subject to MPE and not SAR. Please explain. Please reference page 4 of the provided document.
- 16) SAR plots do not appear to show the relative location of hot spot on device, or outline of device on plot.

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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.