

Reply Date: Oct. 5, 2005
Request Date: September 26, 2005
RE: Mitac Technology Corp.
FCC ID: MAU017

Dear Tim,
Here are our answers

- 1) The 731 form appears to mis-report the Bluetooth frequency range. Please review and adjust as necessary.

ANS: It's a typo. Modified and uploaded

- 2) The block diagram for Bluetooth should show the frequencies of all oscillators in the Bluetooth portion of the TX device (CFR 2.1033(a)(5)). Please update the list of confidential exhibits if necessary.

ANS: Please refer to updated BT block diagram.

- 3) Please provide a clearer photograph of the top of the integrated CSR BC212 BT module.

ANS: Please refer to updated photograph files.

- 4) Please provide a photograph showing the back of the integrated CSR BC212 board and the Bluetooth module itself with the BC212 removed.

ANS: Please refer to updated photograph files.

- 5) Please provide more explanation/detail as to the modification “Adding cover Antenna prm240+GPS+WLAN in A, B part”. It is unsure what is meant by this.

ANS: It has been corrected to “Adding a ferrite clip antenna cable (include Wireless Modem, GPS and WLAN) below panel.”

- 5) AC powerline conducted emissions provided (802.11 b, 802.11 g, and BT) only shows compliance to the OLD FCC rules and regulations. Since July 2004, all new Certifications must meet the new limits (CISPR) and frequency range of 150 kHz – 30 MHz. Please review/correct.

ANS: It has been corrected.

- 7) FYI....Average measurements of the Bluetooth appear to show 25 dB difference at the fundamental. This suggests the carrier was pulsing, or that the sweep time was too quick. Note that compliance can still be determined. However these issues should be investigated and corrected in future applications.

ANS: We will be careful in future test.

8) Test Report 5, page 36 appears to show a failing point, or a point that may require average measurements. Please review.

ANS: It has been corrected, and added an average measurement.

9) The RF exposure exhibit should also mention the Bluetooth. If the antennas are closer than 20 cm apart, then the EIRP powers should be summed for purposes of RF exposure.

ANS: Please refer to updated MPE report.

10) Section 15.15(b) prohibits adjustments of any control by the user that will cause operation of a device in violation of the regulations. Accordingly, any proposal to allow the end user to choose extended channels on frequencies outside of an allowable frequency band in the USA is not acceptable. For example, a WLAN device operating according to Section 15.247 on channels 1-11 between 2.4 - 2.483.5 GHz must not have any user controls or software to allow the device to operate on channels 12 and 13 which are outside of the allowed USA band. For instance, the user should not be able to select alternative countries which would allow different channel plans outside of the allowed USA band. Please explain how this device is compliant to this requirement for all 802.11 bands of operation.

ANS: An US only attestation was provided

11) Page 22 of the users manual suggests the location to find the mini-PCI card. Page 18 suggests the location of the BT module. Please note that the user must not be provided with any information regarding how to install or remove these devices. The information suggesting location should not be provided to the user. Please update the manual.

ANS: It has been updated.

12) Page 48 suggests that another mini-PCI card may be installed. This information should not be provided as the user should not be able to install the device, and the use of another device will usually involve use with non-approved antennas. Please remove this information from the manual.

ANS: It has been updated.

Also, we have modified the first model from “ML900NOA” to “ML900” only, so I have uploaded the modified reports and label.

Please review

Thanks

Daphne