



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

September 4, 2003

RE: Wistron Corp.

FCC ID: PU5HC02U

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

General

- 1) Please provide a block diagram for the TX portion of the device. Note that the block diagram provide was only for the system.
- 2) Please provide close up photographs of the TX portion of the circuitry with and without the shield attached. Additionally, please provide close up photographs of the antenna.
- 3) It is uncertain if the FCC Label is located on the battery lid, back of the battery, or underneath the battery. Note that placing the label on the lid or battery is not considered acceptable. Please explain.
- 4) It appears as if the schematics provided did not include the TX portion of the circuitry. Please explain which pages are for the TX or provide these pages if they were not included.
- 5) The users manual does not appear to contain the information required by 15.21.

EMC

- 6) The internal photographs appear to show 2 different AC adapters with different circuitry, but the test report page 6 of 51 and test data appear to only mention 1. It appears additional test data may be necessary. Please explain.
- 7) Since the device is considered a portable unit, it should have been positioned in each of 3 axis in order to obtain worse case EMC results. Please explain if this was performed.

SAR

- 8) Internal Photographs appear to show a Bluetooth Card (FCC ID: CJ6MSDB01). However it is not certain if the Bluetooth may operate at the same time as the 802.11 and also it also appears that RF exposure co-location issues have not been addressed in the application. Please explain. Additionally, please note that page 146 of the users manual mentions no co-location.
- 9) The SAR report must list the FCC ID of the unit being tested. Please update the test report.
- 10) Page 4 states that this device is an 802.11g transceiver, yet information in the EMC report did not support this. Note that additional EMC measurements would be required if this device is also 802.11g compatible. Note that the manual is not clear on which standards are supported in the device.
- 11) The SAR report appears to only show that the device was tested with the standard battery. The users manual appears to show 2 types of main batteries and 1 backup battery. The internal photos appear to show 3 battery types as well. Note that the FCC requires testing of all batteries.
- 12) All accessories containing metal must be tested. This includes optional cards and headsets. Note that the internal photographs appear to show a selection of various cards, however this fact does not appear to be addressed by the SAR report.

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- 13) The SAR report should include Dipole Validation Plots. Please provide.
- 14) Please report the antenna to phantom distance for Mode 4 that was tested.



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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.