



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

March 9, 2009

RE: ASUSTeK Computer

FCC ID: MSQE10HEN771

I have a few comments on this Application. Depending on your responses, kindly understand there may be additional comments.

- 1.) The SAR values listed in the Manual do not match the measured SAR values. Please correct.
- 2.) There is a STC request applying to this product for external, internal, and test setup photos (among others). But the documents submitted do not include any SAR test setup photos with the device on the phantom. In addition, and since STC applies to this filing, the external photos need to be removed from the SAR test report.
- 3.) The WLAN module is identified by an FCC ID. This previously Certified product has a much higher RF output power than that listed on your 731 form. Please review and correct as necessary. If this new ID deliberately has a lesser RF power, this is OK, but it does pose some potential problems. Please check.
- 4.) Is this device a MIMO? The original ID for this product was indeed a 1x2 MIMO.
- 5.) The block diagram indicates this product should contain a Bluetooth transmitter. If so, a new DSS Test Report and accompanying documentation may be required. Please check and correct as necessary.
- 6.) The SAR laboratory needs to make its own independent RF power measurements, and not depend on channel power measurements from the EMC lab. Kindly review and recheck your RF power measurements with your broadband Anritsu.
- 7.) Please review the FCC's 'SAR Measurement Procedure for 802.11a/b/g Transmitters'. Please provide evidence that this device was transmitting continuously. Please demonstrate that this device displays SAR measurement linearity when transmitting at 25%, 50% and 100% duty factors. And if MIMO is indeed a consideration, please review the additional test requirements in the Procedure.
- 8.) FYI: Please note that without the SAR test setup photos, it is not possible to verify your testing conditions. For this case, I have no idea what "Touch" position signifies.

William H. Graff  
President

[mailto: whgraff@AmericanTCB.com](mailto:whgraff@AmericanTCB.com)

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. Except as described in §0.459, correspondence and responses should be considered part of the permanent submission and may be viewed from the Internet once 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.