



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

March 28, 2003

RE: FCC ID: E2K24CLNS_ATCB000302

Attention: Rick Candelas

I have a few comments on this Application.

1. Please note that you have provided 2 contradictory regulatory documents. File "OEM Regulatory Notices.pdf" says installation requires a 20cm separation. File "Users Manual Regulatory - WLAN.pdf" states 2 cm separation. Consequently, while it appears that the "Users Manual Regulatory - WLAN.pdf" is the correct one, you will need to clearly identify this as the correct document. **xxx**
2. Please note that the power levels between SAR and EMC reports cannot be greater than 5% (FCC OET Supplement C SAR evaluation checklist). The power reported in the SAR report is 17.8dBm (60mw) while the power in the EMC report is 16.8dBm (48mw). This is a 20% difference. Please retest the device for SAR or EMC or both using power levels within 5% in both the EMC and SAR report. Please remember that according to the FCC SAR checklist, when there is a less than 5% difference, the SAR report must be the higher. **xxx FCC input**
3. Please note that in reference to item 3, an increase from 44Mw (original grant limit) and 60mw (SAR measured) is a difference of 27% and would most likely be too great for a PC2. Also, the original 44mW compared to the 48mW in the EMC report; or 10%. While the latter case may be considered a PC2, the 60mW may not be considered a PC2 possibility by the FCC. **xxx FCC input**
4. Please verify that the power meter head used to measure power in the SAR report was a peak power meter head. **xxx**
5. Please note, as mentioned in the original application, SAR testing for hands, wrist, feet etc is superfluous and is neither needed nor desired for laptop computer configurations. Also, please note that the FC has not released an appropriate test or evaluation procedure for this type test and as such does not allow TCBs to evaluate this type test. Since this test is not needed, and since there are no procedures established by the FCC for this test, it will be ignored in the evaluation of the SAR. The only SAR values to be listed on the grant will be those that the TCB is allowed to evaluate. **xxx**
6. Please provide the data for the Body SAR plots as required by the FCC OET SAR evaluation form. **xxx**

Dennis Ward

<mailto:dward@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. 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.