



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

March 3, 2004

RE: FCC ID: RQKMINISTATION12_ATCB001166
Attention: Joanna Chen

I have a few comments on this Application.

1. Please note that while this device is called an "Industrial" computer, it does appear as if it can be used on the lap. If this is the case then SAR may be required as this puts it in the portable category. Please note that the manual states that the user is to operate the device in accordance with the provided instructions, but no instructions about the device not intended for portable use has been provided other than the 20cm statement.). Please explain and justify how this device is classified as mobile requiring a 20 cm separation (i.e. what steps has the manufacturer taken to restrict this and prevent this from being used on the lap? – is it too heavy? – are there 'feet' on the bottom that would make use on the lap not possible?).
2. Please note that there appears to be more than sufficient room on the outside of the device to accommodate the 2- condition statement as required by 15.19. Please provide a sample of the 2- condition label that will be placed on the exterior of the device itself. Alternately, please explain how this device meets the label requirements of 15.19(a)(5).
3. FYI – no action needed. Please note that the radiated emissions at 9648MHz shows a peak mode which complies with the average limit by only -0.89dB and -0.6dB (see pages 31, 33 and 37 of the report). Since this frequency was not averaged but left as a peak reading, it is this reading that is to be reported as the closest margin to the limit. Consequently, unless 9648MHz is averaged, the report should reflect a margin of only 0.89dB and 0.6dB under the limit. In the future, please remember that you must report the worse case margin as compared to both the peak and average limits for 15.247 devices. This means that when the peak reading is under the average limit, you must report the results of the peak compared to the average limit, not peak limit alone.
4. FYI - Please note that your band edge limits are incorrect. The limit for 15.247 devices is 20dB below the fundamental not 0dBuV/m. While the device is compliant to the requirements, the table is showing incorrect limits. Please correct the table on page 52, 53 and 54 of the report. Also, please make the algebraic signs of the data consistent in all tables. If using your existing designation, the device data shows non-compliance, even though it is obvious it is compliant from the plots.

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.