



American Telecommunications Certification Body Inc.

6731 Whittier Ave, McLean, VA 22101

November 24, 2003

RE: FCC ID: PD9WM3B2200BG

I have a few comments on this Application.

1. Please fill in the technical contact information fields on the 731.
2. Please note that you have put the grantee code in the equipment code field. Please note that the equipment code for this type device is DTS. Please correct the 731 to show the proper equipment code.
3. Please note that the users guide appears to be the guide to the end user. Please provide the OEM installation guide for this mobile module.
4. FYI - no action needed . Please note that this module is restricted to mobile installations only.
5. Please note that the test setup photos are not clear and they appear that the module is located inside the desk top. Please note that this makes the application an LMA for the specific desktop. For a full modular approval, the module **MUST** be tested in stand alone configuration. Please revise your application for LMA, or alternately, please test the module in stand alone configuration.
6. Please explain the copper tape in the setup photo. Is this needed for compliance? How will this be implemented? If it is not needed, please remove it and retest the device without the copper tape.
7. It appears that the antenna(s) are mounted to a large metal frame. This may affect the radiation pattern and most likely affect radiated emissions. Please explain why this large metal frame was used. If this is not part of the normal antenna configuration, please remove the metal frame and retest in a normal antenna configuration. If this is part of the normal antenna configuration, please provide information on this in the OEM installers guide.
8. Please explain why the desktop PC is laying on its side during testing.
9. There appears to be more than ample room on the label to place the 2-condition statement. Please explain why this statement is not on the label. Alternately, please provide a label with the 2 condition statement.
10. Please provide a photo or drawing showing where the label will be placed. Please provide an explanation of how the label is permanently affixed to the device.
11. Please note that you have used CISPR22/EN55022 limits for radiated emissions. Please note that while CISPR limits may be used for part 15 unintentional radiators they may not be used for intentional radiators. Please recalculate your radiated emissions using the intentional radiator limits of 15.209.
12. FYI – No action needed. For PPSD measurements the video bandwidth is usually set to the same as the RBW (i.e.3kHz).
13. I believe that most mini PCI cards use reverse SMA connectors, however, the schematics for this device show UFL connectors. Please verify/explain.

A handwritten signature in black ink that reads 'Dennis Ward'.

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.