



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

April 30, 2002

RE: FCC ID: KQ9903

I have a few comments on this Application.

- 1 External photos are used to give a clear view of the device and its' operating control, switches and any external markings so an unambiguous identification of the device can be made in the application. The external photos provided do not give this clear identity. It is not clear if the photos provided appear to be showing the same devices. Please note the photos shown in exhibits D and H. while these appear to be the front panel of something, they do not appear to be the same something. Please provide external photos that show a clear an unambiguous identity of the device, its operator controls, switches etc. xx
- 2 The photo of the label is indistinguishable and not clear. Please note that photos are to be unambiguous and are to be identifiable. Please provide a clear drawing or photo of the FCC ID label. xx
- 3 No warnings to the installer/operator about MPE is provided. Please provide a statement to be included in the installation or operator's manual warning installers and/or users of the potential MPE hazards. xx
- 4 Please note F1D is only a part of an Emissions Designator. The other part is the necessary bandwidth IAW 2.202 (i.e. 20K0, 400K, etc.). However, IAW 90.209 where the necessary BW is not easily obtainable, the occupied bandwidth can be used. The occupied Bandwidth from the report is 20KHz. This then could mean that the emissions designator might be 20K0F1D. Please provide/verify the complete emissions designator for this device including the calculated necessary or measured occupied bandwidth. xx
- 5 No manufacturers tune up procedure has been provided. Please provide the tune up procedure for this device. If one does not exist, please clarify how the manufacturer sets the power out of this device at the time of manufacture.
- 6 The application must reflect the actual measured power not the power listed in the manufacturers specifications. In this case it is 12.77 Watts. The grant would then say 13Watts. This is for your information only, no action need take place. If however, the manufacturer desires to have 15 watts listed on the grant then a device that conducts 15 watts to the antenna terminals needs to be tested. xx
- 7 Please note that the FCC specifies radiated spurious emissions for licensed devices are to be made using the antenna substitution method. TIA/EIA 603 is the accepted FCC procedure. Please provide antenna substitution data for radiated spurious emissions. xx

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.