



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

November 15, 2006

RE: FCC ID: BV8VMXCL\_ATCB004234

Attention: Kathy Grzovic

I have a few comments on this Application. Please note that further comments may arise in response to answers provided to the questions below.

1. FYI - Please note that the MPE calculation deals with the actual gain of the antenna not the gain less cable loss. Please note that the cable loss would be considered in the power delivered to the antenna. Thus the formula listed in the MPE report show the 20dBm power -1dB and the gain of the antenna should be left at 27dBi. While this does not change the end result, it fits the intent of the formula more appropriately.
2. Please follow the requirements of 2.106(c) which states "For measurements conducted pursuant to paragraphs (a) and (b) of this section, **all calculations and methods** used by the applicant for determining carrier power or peak envelope power, as appropriate, on the basis of measured power in the radio frequency load attached to the transmitter output terminals shall be shown..." and provide examples of all formulae and test methods used to determine appropriate levels.
3. Please note that the tune up procedure required under 2.1033 is not just speaking of any user adjustable or user tunable components but is speaking also of the tune up procedure used by the manufacturer to set the device to the proper power level and frequency. Please provide this tune up information. If the device is not separately tuned by the manufacturer (i.e. precision components etc make the device operate on the specified frequency), please explain and provide the appropriate tuning documentation.
4. Please provide information on the factors used to determine PPSD (i.e. any cable factor, calibrated attenuator losses etc).

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.