



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

October 13, 2004

RE: Microwave Data Systems

FCC ID: E5MDS-2710AC

I have just a couple additional comments on this Application. Depending on your responses, kindly understand there may be additional comments. Cheer up – we're almost ready.

- 1.) It appears the most applicable FCC Rule part for this device is 90.259. Do you concur with this finding?
- 2.) With your permission, I propose to call this device a "Point to Point/Multipoint Wireless Modem." Is that acceptable to your client?
- 3.) With your permission, I will state the frequency tolerance on the Grant as 1ppm. It is not necessary to state the measured frequency tolerance on the Grant.
- 4.) The FCC is usually very emphatic about having a tune-up procedure for any filing even when no user serviceable parts are accessible. This could be simply a tune up procedure for how it is adjusted on the factory floor. Of most interest to FCC is how this device will maintain its RF Pout. Kindly provide a tune up specification for this product. Please be advised that this can be held Confidential assuming it is listed in the Confidentiality Request letter.
- 5.) FYI: In my research, I found just a few products which utilize this frequency band under Part 90. Several applicants submitted Transient Frequency Response data as a part of this filing. Although not specifically called out in the technical standards for Part 90, kindly be aware that this data may be requested. It may be prudent to perform this test and make it available as a supplement to this filing.
- 6.) In response to your answer to my question #6 from my October 1 questions, the Grant Notes will specifically state that this device will be limited to outdoor use only on permanent structures. Indoor use will be prohibited. If indoor use is sought, then a more comprehensive indoor installation procedure must be included.

William H. Graff
President and Director of Engineering

[mailto: whgraff@AmericanTCB.com](mailto:whgraff@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.