



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

June 5, 2008

RE: FCC ID: ROJ-EXPLORER-727
Attention: Hoosamuddin Bandukwala

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. Please note that the tune up procedures spoken of by the FCC is not a user tune up procedure but is in fact the factory tune up procedure. Please note that the information in the operational description says that the device is 'tuned' to a maximum of 39.3dBm (8.5W); however, even though the report states that the device was tuned using the manufacturers alignment procedures, the test data shows the output of the device to be was 2.992W. Please note that this does not agree with the stated max output mentioned in the operational description of 8.5W. Please provide the factory tune up procedure used during testing to give the maximum output power. Please be specific as to where this power is measured and what type power it is.
2. Please note that in regards to item 1, the conducted antenna terminal power is a full 5dB lower than the stated maximum power out of the device. Please explain and please test the device at the maximum output power (or at a max power within reasonable variance to the stated max output power – i.e. for conducted power this would be about 0.5dB but should be no more than +/- 1dB) as provided in the documentation. Please also modify any and all documentation to be consistent with data provided.
3. Please note that for all licensed rule part devices radiated spurious emissions using antenna substitution is required. Please note that while you have provided the conducted antenna terminal spurious emissions, and while page 13 of the report says TIA603 was used, it does not appear that you have performed the required radiated spurious emissions test using antenna substitution method as required by TIA603 and the FCC for out of band emissions. Please provide the radiated spurious emissions antenna substitution data per 2.1033. This includes providing the signal generator output, substitution antenna gain and cable loss. Please explain and provide this data. If this data is in the report, please clearly point to the page on which it may be found.
4. Please note that as this is not a channelized service rule part, please correct the 731 to reflect the actual lowest and highest frequencies used in the device as stated in the test report.

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. Except as described in §0.459, correspondence and responses 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.