



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

July 17, 2002

RE: Orion Electric Co., Ltd.

FCC ID: A7RM2BOB

After a review of the submitted information, I have a few comments on the above referenced Application.

- 1) The 731 Form lists the FCC ID as A7RA7RM2BOB. It appears that the Grantee code is listed twice since the labeling exhibit only shows A7RM2BOB. Please confirm the correct ID number correct the affected exhibits.
- 2) The formatting of the block diagrams provided is all messed up. Please convert these to .pdf format and resubmit.
- 3) A modification letter was included but contained only XXXXXXXX. Please confirm that there were no modifications necessary.
- 4) The test report states that 4 models are similar. Please explain the differences between these models.
- 5) Please check the calibration data/Validity for the following pieces of equipment: Test Receiver, Noise Figure Indicator, Noise Source.
- 6) Please explain the rational for testing to 2000 MHz. Many tuners contain LO frequencies in excess of 1.8 GHz. Also, the device may tune to channels 113 Cable and 69 TV which would suggest testing to at least 5 GHz. See 15.33.(b)(1). Please comment
- 7) Please explain how the matching pad was compensated for in the readings or Antenna Terminal Voltage, RF Output, and RF Spurious Emissions. What was its value.

Timothy R. Johnson
Examining Engineer

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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.