

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

May 22, 2001

RE: Topax3, LLC
FCC ID: 07KTK514

I have the following comments on this application. Since most revolve about the RF Exposure rules, please review the TCB Exposure documents you have on file.

- 1.) The product description and alignment procedure refer to this as a 0.5W conducted radio. The test report in 2.1 says this is a .5W ERP radio. Cover page and test data for this radio say .4W ERP. Which is correct?

Conducted output power is 0.5 Watt. ERP power is 0.360 Watt.

- 2.) RF exposure info talks about 0.4W conducted into a 2.15dBi antenna for a total EIRP of ~. 66W. Without further guidance from the manual, I must assume worst case for a Category VIII equipment. This would exclude it from TCB approval.

Please see revised RF Exposure

- 3.) FYI: Site photos are not required for licensed services.

Noted, thank you. RTL policy is to take site photos for all projects and include them in reports.

- 4.) The antenna is non-detachable. Therefore, power rating on 731 should be in radiated values.

Please see revised 731 form.

- 5.) Temperature Test: Was a power off condition observed during the 10 degree increment intervals?

The unit was in a powered on condition while soaking at each temperature and transmission for each sampling moment.

- 6.) Frequency variation over temperature and voltage: Correct units should not be in % deviation. Use parts per million instead.

Part 95 §95.627 (b) states "Each FRS unit must be maintained within a frequency tolerance of 0.00025%.", thus the units were reported in percentage.



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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.