



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

September 2, 2005

RE: FCC ID: TDOAVIACOM1_ATCB002745
Attention: Gregory M. Snyder

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 explain why ANSI C63.4 2003 is listed as a test method in the report.
2. Please note that part 87.131 lists many classes of stations. The report states the device is a ground based application while the manual states it is an air-to-ground system. Please clarify.
3. On page 13 of the test report the 100Hz modulation instantly drops at about 400mv and stays at 0. Is this due to the limiter/filter, or is this a measurement problem. Please explain.
4. Please note that on the modulation deviation plot on page 13 of the report the vertical axis is labeled "**% Amplitude Modulation (KHz)**". Please explain the (kHz) notation in relation to %.
5. Please complete the frequency tolerance section of the 731.
6. Please note that the measured OBW of the device appears to be 5.83kHz. The emissions designator shown on the 731 is 6K00A3E. Please note that for a device with an authorized bandwidth of 8.33kHz the emissions designator in the table in 80.137(a) states 5K60A3E. The 6K00A3E applies to the device just above the 8.33kHz authorized BW device which would have an authorized bandwidth mentioned in note \3\ of 80.137(a). Please explain why you are using the emissions designator for a note \3\ device when the authorized bandwidth referenced in the report is 8.33kHz.

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.