



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

February 5, 2008

RE: FCC ID: AFJ307400_ATCB005894
Attention: Tri Luu

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 TIA603 and the FCC rules require that ERP/EIRP values are to be actual measured values using antenna substitution methods and are not to be calculated. Please note that section 5.10 of the report states "(1) If the transmitter's antenna is an integral part of the EUT, the ERP is measured using substitution method. (2) If the transmitter's antenna is non-integral and diverse, the lowest ERP of the carrier with 0 dBi antenna gain is used for calculation of the spurious/harmonic emissions in dBc." Then the tables in section 5.10.3 state ERP measured by substitution. The antenna is listed as a non-integral antenna. This is confusing as the methods stated do not appear to agree. In any event, antenna substitution method is to be used regardless of antenna type for spurious emissions. It would help if you verified the data by providing the signal generator values and antenna substitution gain values to confirm measured ERP was performed. Please confirm that measured ERP was performed in accordance to TIA603 and section 8.2.2 of the report and that item 2 of section 5.10 was not used.
2. Please note that in the 99% BW plots the reference level used is 10W (40dBm) and it looks like the 99% is taken from that level. However, that appears to be the limit from the standard and not the actual CW output of your device. The 99% BW should be taken using the CW reference from the actual output of the EUT or from the peak of the modulated signal in some instances. Please Explain.
3. The FCC requires a letter from the FAA for the frequency band used by this device. Please provide the letter per 87.147(d)(2).

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.