



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

October 24, 2007

RE: ATCB005545

FCC ID: K9L3003TRTX & IC: 2439A-3003TRTX for Skytech II, Inc.

I have a few comments on this Application. Depending on your responses, kindly understand there may be additional comments.

1. Please provide a better operational description for this device. In particular, how does each mode for this transmitter operate? I need a better operational description to determine if this transmitter meets the limitations against sending data or temperature and does it meet the limitations for automatic transmissions in Section 15.231 of the FCC Rules and Annex 1 of RSS-210. I fail to understand how the Thermostat Mode will not transmit automatically to shut off the fireplace when the desired room temperature is reached.
2. Please provide more internal photos that show the construction of the device. No LCD screen is shown in the internal photos but one is clearly visible in the external photos. How is the device connected to the external switch controls? Three buttons are clearly visible on the external photos but only two possible switches are shown in the internal photos.
3. On the submitted FCC 731 Form Section IV Item 1 must have the "yes box" checked or we cannot issue a grant of Certification. On the submitted form, this box is empty. Please provide a corrected FCC 731 Form.
4. Please provide an IC label for each model number being approved for Industry Canada. You only provided one IC label and there are two different model numbers. There is also no Trade name on the IC label provided as required by Section 5.2 of RSS-Gen Issue 2 dated June 2007. IC requires the certification number, the model number and trade name or company number to be either on the IC label or the device itself.
5. Please provide a description of the differences between the two model numbers as required by Section 5.2 of RSP-100 Issue 9 dated June 2007 where different model numbers must be electrically identical or differ only by Class I permissive changes defined in Section 6.2 of this document.
6. Please upload a confidentiality letter for the IC portion of this filing. On September 10, 2007, IC started requiring all exhibits in any filing to be uploaded to their Website. As a result, the applicant or his authorized agent must request confidentiality of exhibits that are considered trade secret. Please see the ATCB IC application form on our Website. It has been updated to include a sample confidentiality letter for IC that you may use.
7. For your information – The IC test report references the wrong version of RSS-210. On page 4 of the test report you reference Issue 5 of RSS-210. Issue 7 of RSS-210 has been in effect since June of 2007. Please make a note of this and if testing was completed before June of 2007, the test report does not need to be modified. Otherwise, I'd refer to the Issue 7 version of RSS-210. Also the boilerplate language of your test report states that average measurements were made in two different ways. On page 8 it states that average values were obtained with a 10 Hz VBW. On page 9 it states that average values were obtained by applying a duty cycle correction factor. It appears you used the page 9 methods but your test

description should match your measurements. Please be more careful about using boilerplate or canned test descriptions in your test reports.

A handwritten signature in blue ink that reads "Richard Fabina". The signature is written in a cursive style with a large initial 'R'.

Richard Fabina

Examining Engineer

[mailto: rfabina@AmericanTCB.com](mailto:rfabina@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.