



American Telecommunications Certification Body Inc.

6731 Whittier Ave, McLean, VA 22101

October 28, 2005

RE: R-TRON Inc.

FCC ID: STERSP-DPP-1900

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

- 1) CDMA should be listed on the 731 form as 1M25F9W. Please correct.
- 2) EUT photographs can not typically be held under normal confidentiality without strong justification - which does not appear to apply here. Please update the general confidentiality letter to remove this. Please note that any request for photos under Short-Term confidentiality will still be considered acceptable, it is just that they can not be held confidential indefinitely.
- 3) Internal photographs must show the top and bottom of circuit boards of all RF components, including underneath any existing shields (i.e. inside and both sides of the modem and attenuator components). Additionally, please provide a rear photograph of the SNMP board.
- 4) A general internal photograph (i.e. such as was shown for the external photos) showing the construction and layout of the inside should also be provided as part of the internal photographs. Please provide.
- 5) Please provide information regarding both the DC voltages AND DC currents applied into the several elements of the final radio frequency amplifying device for normal operation over the power range been provided? (according to 2.1033(c)(8)).
- 6) Please provide a description of all circuitry and devices provided for determining and stabilizing frequency, for suppression of spurious radiation, for limiting modulation, and for limiting power been provided (according to 2.1033(c)(10)).
- 7) Please explain if the attenuator installed in the unit is a fixed value and will always be present. Note that current measured power and tune up appear to be around 9 dBm, while the modem is capable of 23 dBm. Please explain.
- 8) Please provide MPE estimation information in support of not requiring MPE measurements according to 2.1091.
- 9) User installation should contain some information regarding RF exposure requirements. Please update
- 10) Many pages of the schematics are not readable. The FCC expects all values to be readable on the schematics. Please correct.
- 11) The schematics do not include the TX. Note that a schematic for the TX portion of the device is required as specified part 2 for the RF section. Please provide either a schematic for the TX card or as an alternative, the parts list must clearly identify the part that is provided by another manufacturer (show manufacturer, model, etc.). Please provide either a schematic or parts list as specified.
- 12) FYI.... This application has a short term confidentiality request. Please note that regarding short term confidentiality, you are responsible for the following:
 - a) Note that any documents held under the short-term confidentiality will automatically become public after 45 days. However, please note that a manufacturer may extend this period up to an additional 45 days at least twice after the original 45 day period. This requires an additional cover letter requesting this extension must be submitted to ATCB a minimum of 7 days prior to the expiration of each of the 45 day periods (in this case – estimated to December 15, 2005).

b) If the manufacturer engages in public marketing activities or otherwise publicizes the device prior to the expiration of the short-term confidentiality period, the applicant must immediately notify ATCB so the exhibits can be made publicly available.



Timothy R. Johnson
Examining Engineer

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