



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

September 8, 2008

RE: FCC ID: H4JUT-4E850\_ATCB006714  
Attention: Hoosamuddin S. Bandukwala

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 provide the parts list for this device.
  2. Please note that the confidentiality request does not include the part list just requested. If the parts list is to be have confidentiality status, please rewrite the confidentiality request to include the parts list.
  3. Please note that the operational description states the device can be adjusted from 0.5W to 8W output power. Please note that it is not clear from the description is the DSP activated power control/enable line is then used to reduce power to a specified output or for other control. Please also note that the manual states the output power for this device is 0.5 to 4W. Please note that the report shows the device max output is only 3.85W. Please explain why there is such a big gap in the measured and rated powers from the operational description. Please retest the device to the maximum output power available. Please review ALL documentation and make sure that all exhibits agree.
  4. Please note that on page 16 of the test report you record conducted antenna terminal power but reference it to an ERP limit. Please correct and explain.
  5. Please note that the report on page 17 states that a tunable notch filter was used in the measurement of conducted spurious emissions. However, the frequency to which the notch filter was tuned is not given. Please state the actual frequency to which the notch filter was tuned. Please remember that, while this may be the case, I cannot assume it was tuned to filter out the fundamental. This has to be specified in the report.
  6. Please note that the Audio Low Pass Filter plot on page 32 of the report contains no data. Please explain and please provide as necessary.
  7. Please note that the audio frequency response plot on page 33 of the report seems to be missing data. For example you state that you tested from 100Hz to 50kHz, however the plot does not look like this is the case. Please explain and please show all data.
  8. Please note that some of the documentation states that this device can be used as a repeater. Repeaters would require MPE calculations and an MPE report. Also, it is not clear from the documentation is this device is ALWAYS used as a licensed station, or if it can or will ever be used only in conjunction with a licensed base station (i.e. possibly a repeater). If this device in not ALWAYS used in a fixed location in which it is licensed, then you must provide an MPE report. Please explain and please provide the appropriate information as needed.
  9. Please explain how the label is permanent and how it meets the labeling requirements of part 2.
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10. Please note that the test report does not adequately address the Industry Canada standards. There is no mention of what RSS is intended to be tested nor is there any indication that any RSS requirements have been reviewed and verified for compliance. Please provide an accurate and adequate cross reference to the appropriate RSS for Canada.
  11. Please note that in reference to item 8 above, if this is not ALWAYS used as a fixed licensed station You will have to complete the RSS012 annex A and provide a value for MPE. Please explain and please provide the appropriate information as needed.

*Dennis Ward*

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. Except as described in §0.459, correspondence and responses 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.