



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

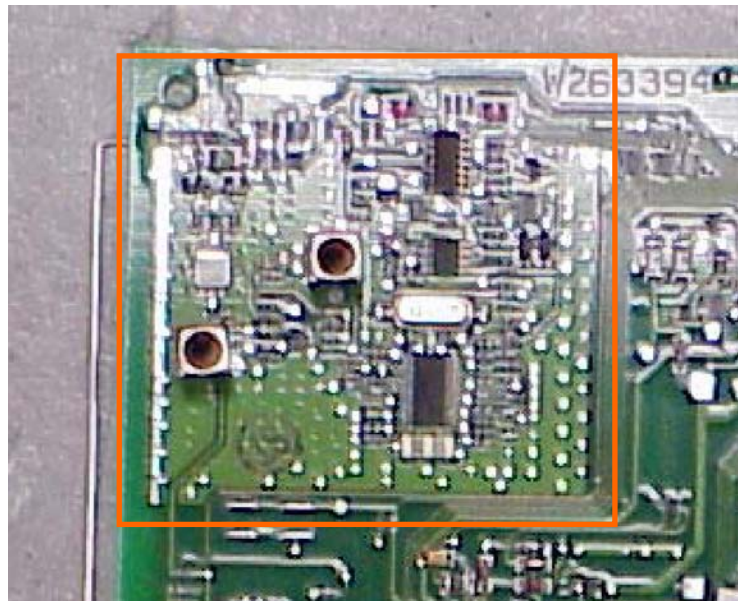
February 13, 2006

RE: Honeywell

FCC ID: CFS8DLLYNXREN-4

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

- 1) Please provide the 731 form per our previous discussion.
- 2) The block diagram should show the frequencies of all oscillators in the TX portion of the device (CFR 2.1033(a)(5)), unless this portion of the device is an OEM part from a different manufacturer. Please provide either the block diagram for the TX portion, or alternatively provide a parts list that shows that this part is provided by another manufacturer. Please update the list of confidential exhibits if necessary.
- 3) Please provide top and bottom photos of all boards within the device. The back of one board does not appear to have been provided (external interface board).
- 4) It appears that also the TX circuitry may actually be contained on a small daughter board, but can not fully be determined from photos provided. If so, please provide close up top/bottom photos of this board before it is integrated onto the main board.



- 5) FCC desires actual test photographs and not simply a test diagram. Please provide test configuration photographs on the test site if available.
- 6) Confidentiality has not been requested for items such as schematics, block diagram, operational description. Please clarify if this is requested, and if so, please provide an appropriate cover letter requesting this.
- 7) The OAT's facility does not appear to be currently listed on the FCC site. Please explain.

- 8) Test report references ANSI C63-4 – 1992. Please note that the FCC rules now only reference ANSI C63.4 – 2003 edition. Please ensure testing is in compliance with this version and correct exhibits as necessary. Note that for many measurements, this version now requires VBW must be 3*RBW.
- 9) FYI....Reading at 2760 MHz appears to fall in a restricted band and therefore the incorrect limits were applied. However it still meets restricted band limits.
- 10) Please explain section 5-5. All measurements appear to be the same value.
- 11) All measurements (spurious and digital device) appear to be reported for Horizontal polarity only. It is highly unusual for all spurious to occur worse case in the same orientation. Were emissions also measured for Vertical polarity?
- 12) How is this device powered. If it receives power from AC, or from another device that receives AC, or by and AC to DC connection, then AC powerline emissions testing per 15.207 should also be provided.
- 13) It can not be determined if all ports of the device were adequately filled per ANSI C63.4. Please explain.
- 14) Please explain applicability or compliance of 15.231(a)(3).
- 15) Please explain applicability or compliance of 15.231(a)(5).
- 16) The device appears to use 3 modes of signaling. 1) Alarm, 2) Keypad-control signals, 3) confirmation forwarding signals from remotes. While timing information was supplied, it is uncertain if it applies to all modes of signaling, or if any additional modes also exist. Please explain any additional modes of signaling as well as provide information for compliance to 15.231 (a)(4) or 15.231(a)(1)/(2) as applicable for each mode.
- 17) Are all signaling types/packets meet the same timing requirements as shown. Please explain.

For IC

- 18) Please provide an appropriate ATCB IC form in order to continue with the review process for IC, including proper REL and RSS-102 attestations. See attached.



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.