



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

September 29, 2002

RE: Savi Technology

FCC ID: KL7-600R-V2

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

- 1) Please explain the purpose of 2 identical transmitters in the unit. The theory of operation does not bring up this issue. Are they ever expected to transmit at the same time? If so, how does this affect the measurements made?
- 2) It appears that the data/control signals measured were higher than the wakeup signal. Was this expected since the reports states that the wakeup signals was to meet 15.231(a), while the data/control was to meet 15.231(e)?
- 3) The theory of operation provided information with respect to meeting the requirements of 15.231(a) & 15.231(e). In specific please address the following concerns:
 - a) The information is somewhat ambiguous in relation to the hello and sleep transmission. The information supplied shows that this does transmission does not last longer than 5 seconds. However, does this 5 second limitation always exist, no matter how many tags respond (given that only a certain number of responses will occur in the 5 second window? Please explain
 - b) Please give an explanation on how long tags usually take to respond given the anti-collision algorithm. Also, what is the anticipated time that the EUT takes between the wake up command and "hello/sleep" transmissions.
 - c) Earlier versions of the EUT also had an additional type of transmissions in the case that some tags do not respond. Please explain if this device has this and if so, please provide detail on this transmission classification, plots, etc.

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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.