

## Scott McCutchan

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**From:** Scott McCutchan [scott@celectronics.com]  
**Sent:** Wednesday, December 07, 2005 4:06 PM  
**To:** 'Joey@celectronics.com'  
**Subject:** FCC ID: TPZ-34000001-001

Mr. Madlangbayan:

In order for processing of this application (FCC ID: TPZ-34000001-001) to continue, the following issue(s) will have to be addressed:

- 1) The operational description indicates that the tag reader output power was set at 25 dBm, yet the test report indicates that the peak power level was 27.8 dBm (worst-case, on center channel). Please explain this discrepancy.
- 2) The operational description also indicates that the length of the cable connecting the internal patch antenna of the IntelliPad to the circuit board, as well as the length of the cable which connects the IntelliPad to the tag reader, may be changed according to the installation needs.
  - a. Please explain how the output power is controlled under these circumstances.
  - b. Indicate how the installation is controlled, such as the type of cabling that is used, correct setting of power levels, etc.
- 3) The operational description states that the user is able to adjust the power settings.
  - a. Please indicate how this is accomplished.
  - b. Please explain in detail the method by which the power is controlled.
  - c. If it is adjusted incrementally, what are the increments by which it may be adjusted.
  - d. What is the lowest power level?
- 4) The operational description indicates that the "user is able to adjust the power setting to any antenna from zero to that power setting". The original certification of the tag reader (FCC ID: H9PRD11320) indicates that 14.74 dBm is the lowest power level.
  - a. Does the "zero" value indicated correspond to 0 dBm?
  - b. If so, how is this level achieved considering the output of the reader is only adjustable down to 14.74 dBm?
- 5) The test setup photos, and internal photos show a piece of copper tape from the chassis to the RF connectors. Please explain why this was present.
- 6) On the internal photos of the device, there is a white sticker covering some of the electronics. Please submit photos of the circuitry covered by this sticker.
- 7) A signed TCB contract must be on file in order for the review process to be completed.

The item(s) indicated above must be submitted before processing can continue on the above referenced application. Failure to provide the requested information within 60 days of the original e-mail date may result in application dismissal and forfeiture of the filing fee. Also, please note that partial responses increase processing time and should not be submitted. Please upload responses and/or exhibits to the electronic filing website. Your correspondence number is TPZ-34000001-001.

Best regards,

Scott McCutchan  
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12/7/2005

If you have any questions, feel free to contact me.

Best regards,

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