

## Nonconformities FCC ID: 2ADB9-THINEZ1 (CKC CS Ref # 95499-08-FCC)

The items listed below represent requests for information following review of this application for certification under United States (FCC) regulations. Further question may arise pending review of responses to these items.

| OK | ID | # | Non-Conformity or Comment                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Submitted Response                                                               | Respondent /<br>Date of<br>Response |
|----|----|---|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------|-------------------------------------|
| x  |    | 1 | The application package for certification did not include a request for confidential treatment of any documentation. Please be advised that without a confidentiality letter, all documentation provided will be open for public inspection on the FCC's equipment authorization website. Certain items qualify for confidential treatment, such as block diagrams, operational descriptions, parts list and schematics. Should confidential treatment of any documentation be desired, please provide a confidentiality letter (sample is available if desired). Otherwise please confirm that confidentiality has been intentionally omitted at the discretion of the applicant. | Confidentiality is not being requested.                                          | CD 11/13/14                         |
| x  |    | 2 | <p>The test setup photos and provided equipment photos do not show an enclosure for this product. Finished product compliance typically includes an equipment enclosure.</p> <p>Note: Modular approval has not been requested. In order to process the certification as a modular approval, a cover letter is required (sample available upon request).</p> <p>Please clarify equipment certification pathway (finished product or modular approval) and provide cover letter explanation consistent with selected path.</p>                                                                                                                                                       | This is a reference design (more on this below) which will ship as a bare board. | CD 11/13/14                         |

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|---|--|---|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|
| x |  | 6 | <p>The equipment includes an RF connector port, however there is no documentation of approved antennas authorized for use with this product. Please clarify what antennas are approved for use with this product. If RF connector is removed for end user products, please update documentation to state this fact.</p> <p>NOTE: additional antennas require evaluation of the highest gain of each antenna type utilized with the product. Adding antennas after initial certification may be performed using a class II permissive change filing.</p> | No external antenna will be approved for use. The RF connector is for performance testing only, and in normal operation, nothing will be attached there, so the on-board PIFA antenna is what will be used.                                                                                                                                                                                                                                                                                                                                                                                                                                                       | CD 11/13/14 |
| x |  | 7 | <p>The photos of the product imply product is a reference design. Informational notice: Reference designs cannot be certified, only actual hardware. The physical hardware is subject to certification and all electrically identical reproductions of it under the control of the grantee. See Title 47 Code of Federal Regulations 2.907, 2.908 and 2.909.</p>                                                                                                                                                                                        | <p>Correct. Although full schematics, layout, and bill of materials will be supplied free-of-charge by Silicon Laboratories to any customer or potential customer that wants them, we understand that for this design, only boards manufactured by or for and shipped by Silicon Laboratories will have the benefit of this FCC approval. This approval is required, however, because Silicon Laboratories tentatively plans to ship this product as part of a development kit. We understand that any other entities that wish to manufacture and ship this device will be required to have their own FCC certification performed, and will ensure that such</p> | CD 11/13/14 |

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|  |  |   |  | requirement is made<br>clear. |  |
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