

Appendix A

Non-Conformities for US Radio Equipment Authorization

Non-Conformities FCC ID: EO980WI (CKC CS Ref # E09-000023-FCC-01)

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 / Date of Response |
|----|----|---|--|--|---|
| x | TL | 1 | The provided internal photo does not provide enough detail. Please provide legible internal photographs of the PCB top, where components can be clearly identified. | [j] new closer in internal photos will be uploaded now. | [j] 11mar09 |
| x | TL | 2 | The provided external photos do not provide enough detail. Please provide external photos show all six side of the device. | [j] external photos from more angles will be uploaded now. | 11mar09 |
| x | TL | 3 | <p>Page 6 of the setup photo show a peculiar orientation of the loop antenna.</p> <p>In accordance with 8.2.1 of ANSI 63.4, <i>a calibrated loop antenna shall be positioned with its plane vertical at the specified distance from the EUT and rotate about its vertical axis for maximum response at each azimuth about the EUT.</i></p> <p>Please verify whether the emission profile of the device was also measured with the loop antenna rotated about its vertical axis.</p> <p>032209: Page 6 of the test setup photo, the loop antenna was rotated about it's horizontal axis. Please verify whether the test was performed with the antenna rotated about its vertical axis with reference to the loop antenna position shown in the top photo of page 5 of the test set up photo.</p> | <p>[j] the loop antenna used is an omni-directional antenna, therefore the maximum response was captured. omni-directional was added in the revised test report that will be uploaded now.</p> <p>[j] reply #2 – rotating (per ANSI) the loop antenna on it's vertical axis does include the 90 degree angle.</p> <p>3/26/09 Telephone</p> | <p>11mar09</p> <p>[j] 25mar09</p> |

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|---|----|---|--|--|---------|
| | | | | conversation with Jay, confirmed that although the setup photo showed otherwise. the loop antenna was rotated about the vertical axis including 0 and 90 degree, | |
| X | TL | 4 | Spurious emission of page 14, 15 refers to Annex A for measurement detector function and resolution bandwidth. However, measurement below between 9kHz and 30 MHs is not addressed in Annex. Please clarify whether Field strength measurement procedure in Annex B were also employed for the measurement in question. | [j] we did employ annex B, it was added to the 2 places in the revised test report. | 11mar09 |
| X | C | 5 | Per 15.247 (a)(1) the system receiver shall have input bandwidth that match the hopping channel bandwidth of their corresponding transmitter, Please clarify whether the input bandwidth of the system receiver matches the hopping channel bandwidth of the transmitter. | [j] a statement has been added to the revised test report stating the system receiver input BW matches this device. | 11mar09 |

The items indicated above must be submitted before processing can continue on the referenced application. Failure to provide the requested information within 60 days may result in application dismissal pursuant to Section 2.917(c) and forfeiture of the filing fee pursuant to Section 1.1106.

How to read the table:

OK column indicates closure by CKC CS.

ID column is for use with Agents to assist in identifying the probable source for closure.

A – Application issue

TL – Test lab issue

C – Client issue

R – Retesting may be necessary

column indicates unique or separate non-conformity items (note some items may be related).

Non-Conformity or Comment column indicates the evaluators specific question or comment.

Submitted response column indicates the response or a summary of the response provided.

Respondent / Date of Response column indicates the responding party or agent and the date of the response was either received or logged.