

From: King, Larry [larry.king@honeywell.com]
Sent: Wednesday, March 17, 2004 5:43 PM
To: Randal Clark; john.spence@honeywell.com; Jones, James (RMD)
Cc: "Report Department"@brandxnet.com
Subject: RE: Non-Conformities FCC ID: AOI9PGTPA-100A (Ref #
E04-000015-1)

Randal,

Attached please find Revision A of the TPA-100A FCC Acceptance Report, Doc No. 070-4700-001.

Open issues related to Items 2 & 3 are addressed on Page 6.

Open issues related to Item 7 are addressed on Page 26.

Please let us know ASAP if you need any additional data prior to uploading the application/ data to the FCC.

We look forward to CKC providing Honeywell the "grant" as quickly as possible.

Best regards,

Larry King
Honeywell
425-376-2053

-----Original Message-----

From: King, Larry
Sent: Tuesday, March 16, 2004 5:14 PM
To: 'Randal Clark'; john.spence@honeywell.com; Jones, James (RMD)
Cc: "Report Department"@brandxnet.com
Subject: RE: Non-Conformities FCC ID: AOI9PGTPA-100A (Ref #
E04-000015-1)

Randal,

Please note the referenced FCC ID is incorrect. The correct number should be AOI9PGTPA-100A. Your reference has an extra "A" after "TPA".

We plan to address all of the issues by noon on Wednesday (3/17). Some of the questions/ issues are addressed below.

I believe that Item 1 has been satisfied. John Spence faxed the FCC grant for the FCC ID called out in item 1.

Regarding item 2, the emissions designator should be 10M0V1D. We will correct this in the report and provide clarification on the necessary bandwidth by noon Wed (3/17).

Regarding item 3, we will clean up the output power inconsistencies in the test report along with the emissions designator and re-release the report. We will send the updated report to you tomorrow.

Regarding item 5, John Spence emailed detailed photos of all of the sub-assemblies in the TPA-100A the "reports dept".

Regarding item 6, our testing is done in accordance with the RTCA DO-185A MOPS requirements for TCAS II equipment. In the past harmonic content past the 5th harmonic has not been required.

Item 7 will be addressed on 3/17.

Best regards,

Larry King
Honeywell
425-376-2053

-----Original Message-----

From: Randal Clark [mailto:randy.clark@ckccertification.com]
Sent: Tuesday, March 16, 2004 1:38 PM
To: larry.king@honeywell.com; john.spence@honeywell.com
Cc: "Report Department"@brandxnet.com
Subject: Non-Conformities FCC ID: AOI9PGTPAA-100A (Ref # E04-000015-1)

Non-Conformities FCC ID: AOI9PGTPAA-100A (Ref # E04-000015-1)

Item 1. For form 731 item 13, FCC ID: ASY90QTRA67A is listed as operating in conjunction with this device. This FCC ID is not currently on file with the FCC. This application filing cannot proceed without this application being either on file or filed within five (5) days of this application.

Item 2. Necessary bandwidth does not make sense: 10M0 is listed on form 731 and 40M0 is listed in FCC test report, however the occupied bandwidth test lists a measured value of 23.8MHz. Please clarify the necessary bandwidth.

Item 3. The power output listed on form 731 is inconsistent with that listed in the test report. It appears that the equipment listing should have been broken into two parts. Please clarify the equipment specifications for this device: currently listed is 1030MHz @ 282Watts 20ppm 10M0V1D.

Item 4. INFORMATION ONLY: The FAA Coordination Letter has not yet been provided. After contacting Don Nellis of the FAA, we are told that the letter should be released soon. CKC CS will receive a copy of the letter at the same time as the applicant. No action necessary for this item.

Item 5. The internal photos provided do not satisfy the requirements of 2.1033(c)(12), [Excerpt] "Photographs (8" x 10") of the equipment of sufficient clarity to reveal equipment construction and layout, including meters, if any, and labels for controls and meters and sufficient views of the internal construction to define component placement and chassis assembly." Please provide internal photos of the PCBs of sufficient detail to determine component placement.

Item 6. The test report indicates testing up to 6GHz. In accordance with 2.1057(a)(1), "If the equipment operates below 10 GHz: to the tenth harmonic of the highest fundamental frequency or to 40 GHz, whichever is lower." In this case, the frequency range of investigation must extend to 10.3GHz. Please clarify and/or provide test data as appropriate.

Item 7. Please provide the analyzer bandwidths used for measurement of the antenna conducted and radiated spurious emissions.

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.

Randal Clark
Evaluation Engineer

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