
Subject: FW: Silicon Image, Inc., FCC ID: SAX5397X, Assessment NO.: AN04T4088, Notice#1
Importance: High

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

From: Lee Pulver (Pulver Labs)
Sent: Monday, August 23, 2004 4:06 PM
To: Mike Kuo
Cc: 'Laura Bramschreiber (Pulver Labs)'
Subject: RE: Silicon Image, Inc., FCC ID: SAX5397X, Assessment NO.: AN04T4088, Notice#1
Importance: High

Hello, Mike Kuo,

Thank you for the comments and questions.
We have provided all answers, in addition to the necessary attachments in PDF format:

1.0
Q539704We.02.DWG.pdf
Revamped RF report with photographs, descriptions, high frequency data, and calibration dates.

Answers to your questions shown in e-mail below.

This project is super hot for the client; please, please expedite.

Lee

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

From: Mike Kuo [mailto:MKUO@CCSEMC.com]
Sent: Tuesday, August 03, 2004 11:04 AM
To: 'Laura Bramschreiber (Pulver Labs)'
Subject: FW: Silicon Image, Inc., FCC ID: SAX5397X, Assessment NO.: AN04T4088, Notice#1

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

From: Compliance Certification Services [mailto:MKuo@ccsemc.com]
Sent: Friday, July 30, 2004 8:59 PM
To: MKuo@ccsemc.com
Subject: Silicon Image, Inc., FCC ID: SAX5397X, Assessment NO.: AN04T4088, Notice#1

Question #1: Page 28 of test report should be the conducted emission test setup photo but radiated emission is illustrated. Please revise.

[Reply from Lee Pulver 23 Aug 2004]
In Q539704We.02.DWG.pdf, see Figure 3, page 24 of 56.
New conducted data and new graphs begin on page 47 of 56.

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Question#2 : Per ANSI C64.3 section 10.1.4, all test equipment used shall be listed in the test report with the date of last calibration and calibration interval. Please provide.

[Reply from Lee Pulver 23 Aug 2004]

In Q539704We.02.DWG.pdf please note that we have revamped the Laboratory Test Equipment table, on pages 12 and 13 of 56 per your request.

This report continues to contain paragraph 1.5 on page 11 of 56 which states:

"Equipment used during measurements calibrated according to internationally acceptable laboratory procedures. Calibration data along with Certificates of conformance and traceability are on file at the testing facility. Each calibrated equipment item is individually labeled with date calibrated; due date for next calibration; initials of person who calibrated the equipment; and the name of the organization that performed the calibration service."

Question#3 : Since page 10 of test report is specified the "measurement data to the 10th harmonic of the video printed circuit assembly, which is always less than 200MHz", then please provide the test plot for review.

[Reply from Lee Pulver 23 Aug 2004]

1. We simplified the statement on page 10, section 1.2.8.
2. We slightly expanded and modified the product description in 1.3.1 to clarify the end use and function as made publicly available, today.
3. To further clarify, and at the same time simplify the product technical function, we expanded and modified the Clock Oscillators and Frequencies of Operation on page 29 of 56. We also added notes in this section to further explain the concept of the input signal and the derived output signal as a function of the frequencies.

Question#4 : Block diagram should include local oscillator or crystal frequencies if available . Based on the information of test report, EUT has a 150MHz SDVO oscillator on. Please provide the correct one.

[Reply from Lee Pulver 23 Aug 2004]

1. Report modified to reflect the present public information concerning the technology.
2. The block diagram provided should be adequate, because the output of the EUT is a function of the input.
3. [The data rates are not driven by independent clocks on the EUT, but rather derived from the input from the Intel Motherboard].
4. The output bandwidth of the EUT is 25 to 165 MHz, depending on the resolution requirement of the display and the resultant requirement of the Digital Video Interface.
5. The maximum resolution of 1600 x 1200 requires a pixel frequency of 165 MHz.
6. We measured to 18 GHz. The system complies with Class B. We included data to 2.3 GHz.

Best Regards,

Mike Kuo

The items indicated above must be submitted before processing can continue on the above referenced application. Failure to provide the requested information within 30 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. Any questions about the content of this correspondence should be directed to the e-mail address listed below the name of the sender.

8/23/2004