

Attendance:

Mr. Bryan Kantack	Agilent Technologies, Inc.
Mr. Jesse Jaramillo	Amphenol
Mr. Jeremy Flake	ATL Technology
Mr. Mickey Felton	EMC
Mr. Ramez Rizk	Emulex
Mr. Douglas Wagner	FCI
Mr. Barry Olawsky	Hewlett Packard Co.
Mr. Harvey Newman	Infineon Technologies
Dr. Mark Seidel	Intel Corp.
Mr. Michael Jenkins	LSI Corp.
Mr. Gabriel Romero	LSI Corp.
Mr. Jacky Chow	Marvell Semiconductor, Inc.
Mr. Kevin Witt	Maxim Semiconductor
Mr. Galen Fromm	Molex Inc.
Mr. Hock Seow	NEC Electronics America, Inc
Mr. Yuming Tao	PMC-Sierra
Mr. Joseph Chen	Samsung
Mr. Alvin Cox	Seagate Technology
Mr. Allen Kramer	Seagate Technology
Mr. Bruce Johnson	Seagate Technology
Mr. Benoit Mercier	STMicroelectronics
Mr. Bent Hessen-Schmidt	Synthesys Research, Inc.
Mr. Kees Propstra	Tektronix, Inc.
Mr. Mahbubul Bari	Vitesse Semiconductor
Mr. Larry McMillan	WDC
Mr. Ramya Dissanayake	WDC

26 in attendance

Agenda:

1. SAS-2 Calibration of Jitter Measurement Devices [Cox]
<http://www.t10.org/ftp/t10/document.07/07-443r1.pdf>

No additional input yet.

2. Transmitter common mode measurements to validate the currently proposed chart. [Seagate to present; Intel, LSI looking at providing data]
Previous data posted at: <http://www.t10.org/ftp/t10/document.07/07-445r0.pdf>

These measurements need to be made through the mated SAS connector pair. Bruce Johnson indicated he would be able to do this.

3. Description of SSC profile allowed discontinuities. [Hernandez]
No status update.

4. Should the cable specification be done by common mode requirements or fall under channel simulation? [Amphenol]
Promised to provide something for next week's call.

5. Define the delivered signal characteristics for physical receiver testing. Include 0.1UI sinusoidal jitter to do the equivalent of receiver tolerance testing. [Bari, Jenkins, Newman, Witt]

<http://www.t10.org/ftp/t10/document.07/07-448r0.pdf>
<http://www.t10.org/ftp/t10/document.07/07-448r0.zip>

6. Refine/provide status on simulation technology. [Jenkins, Newman]
Status update.

TWDP-based solutions may become available, but there is still a certain amount of uncertainty regarding this. The LSI DFEEYE is tailored for the FCAL and SAS applications. Kevin shared that he found certain errors in the input data that resulted in resulting eye distortion. New simulation results look encouraging. Kevin's presentation updates found on the links above.

<http://www.t11.org/ftp/t11/pub/fc/pi-4/07-592v0.pdf>

StatEye correlation between measured signal and simulation verification:
<http://www.t10.org/ftp/t10/document.07/07-455r0.pdf>

Next conference call:
October 25, 2007

Toll Free Dial in Number: (877)810-9442
International Access/Caller Paid Dial In Number: (636)651-3190
PARTICIPANT CODE: 3243413

Webex information:

<https://seagate.webex.com/seagate>

Topic: SAS-2 PHY WG

Date: Thursday

Time: 10:00 am, Central Daylight Time (GMT -05:00, Chicago)

Meeting number: 826 515 680

Meeting password: 6gbpsSAS