

Attendance:

Mr. Bryan Kantack	Agilent Technologies, Inc.
Mr. Charles Hill	Alta Engineering
Mr. Paul von Stamwitz	AMCC
Mr. Jesse Jaramillo	Amphenol
Mr. Greg McSorley	Amphenol
Mr. Mickey Felton	EMC
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. John Lohmeyer	LSI Corp.
Mr. Jacky Chow	Marvell Semiconductor, Inc.
Mr. Mahbubul Bari	Maxim Semiconductor
Mr. Galen Fromm	Molex Inc.
Mr. Hock Seow	NEC Electronics America, Inc
Mr. Rick Hernandez	PMC-Sierra
Mr. Guillaume Fortin	PMC-Sierra
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. Himanshu Desai	Seagate Technology
Mr. Benoit Mercier	STMicroelectronics
Mr. Bent Hessen-Schmidt	Synthesys Research, Inc.
Mr. Michael Fogg	Tyco Electronics
Mr. Larry McMillan	WDC
Mr. Ramya Dissanayake	WDC

29 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.

2. Transmitter common mode measurements to validate the currently proposed chart. [Seagate and LSI to present]

<http://www.t10.org/ftp/t10/document.07/07-468r0.pdf>

<http://www.t10.org/ftp/t10/document.07/07-445r1.pdf>

Plan to clean up the existing proposal in 07-339 and clarify the test parameters regarding bandwidth, test pattern, and range. Al Kramer plans to take additional measurements to be available for F2F.

3. Description of SSC profile allowed discontinuities. [Hernandez]

Plan to present something on 11/6. Is there an impact to the receiver testing? Discussed possible relationship between receiver tolerance testing and the SSC impact to receiver testing.

4. Should the cable specification be done by common mode requirements or fall under channel simulation? [Amphenol]

Greg presented an initial draft to be worked into the specification. Draft posted as is and will be working on integration/cross references for the F2F.

Proposed Cable Tables for SAS2 6Gbs Phy [McSorley]

<http://www.t10.org/ftp/t10/document.07/07-471r0.pdf>

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]

Kevin is writing the text for the spec but not available on the call. Several questions regarding voltage levels at launch and if Vvma was measured correctly. Mahbul showed new data in conjunction with the presentation below. Formal presentation at the F2F.

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

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

In FCAL, WDP and TWDP will be enhanced with a statistical eye output that will available later this month. Mike will update at the face-to-face on availability.

StatEye presentation next week.

7. New item:

SAS 6G Equalization Measurement proposal [Propstra]

<http://www.t10.org/ftp/t10/document.07/07-467r0.pdf>

Look over this proposal and we will discuss at the F2F.

Next meeting:

November 6, 2007, 9:00 am - ? pm

Atrium Suites Las Vegas Hotel

4255 South Paradise Road

Las Vegas, NV 89109