

Attendance:

Mr. Bryan Kantack	Agilent Technologies, Inc.
Mr. Jesse Jaramillo	Amphenol
Mr. Greg McSorley	Amphenol
Mr. Kevin Marks	Dell, Inc.
Mr. Jeff Hailey	Dell, Inc.
Mr. Mickey Felton	EMC
Mr. Jason Pritchard	EMC
Mr. Mike Fitzpatrick	Fujitsu
Mr. Barry Olawsky	Hewlett Packard Co.
Mr. Dan Colegrove	HGST
Mr. James Rockrohr	IBM Corp.
Mr. Schelto van Doorn	Intel Corp.
Dr. Mark Seidel	Intel Corp.
Mr. Pankaj Kumar	Intel Corp.
Mr. Michael Jenkins	LSI Logic Corp.
Mr. Gabriel Romero	LSI Logic Corp.
Mr. Praveen Viraraghavan	LSI Logic Corp.
Mr. Galen Fromm	Molex Inc.
Mr. Michael Rost	Molex Inc.
Mr. Hock Seow	NEC Electronics America, Inc.
Mr. Tim Symons	PMC-Sierra
Mr. Rick Hernandez	PMC-Sierra
Mr. Alvin Cox	Seagate Technology
Mr. Allen Kramer	Seagate Technology
Mr. Daniel Smith	Seagate Technology
Mr. Benoit Mercier	STMicroelectronics
Mr. Stephen Finch	STMicroelectronics
Mr. Kevin Witt	Vitesse Semiconductor
Mr. Paul Gentieu	Finisar

29 in attendance

Agenda:

1. Comments on 06-515.

<http://www.t10.org/ftp/t10/document.06/06-515r0.pdf>

Please post any concerns to the T10 reflector.

2. Status on previous actions:

a. Barry will make some measurements to determine if the low frequency issues are being captured. 07-012r0

<http://www.t10.org/ftp/t10/document.07/07-012r0.pdf>

Provides review of S-parameter meanings and provides a verification of the calculated values for a mis-matched termination. Additional updates to follow.

b. Barry to propose a set of loss values for a zero length test load. 07-013r0

Initial discussion next week.

c. Barry and Galen: proposal for 10-meter cable specification.

Initial proposal available next week. Discussed issues with skew per length and how to specify the cable. Differential characteristics need to be focused on. Greg and Galen may provide additional input for how to specify the cable assembly.

3. Continue discussion of use of mode and pk-to-pk to measure de-emphasis.

Mode defined in 07-010r0

Reference proposals/documents:

<http://www.t10.org/ftp/t10/document.07/07-010r0.pdf>

<http://www.t10.org/ftp/t10/document.07/07-001r1.pdf>

<http://www.t10.org/ftp/t10/document.06/06-496r2.pdf>

Mike showed the update to 07-001 that includes actual measurements of both positive and negative traces (CJTPAT).

Bryan Kantack will post the presentation he showed concerning using mode for both the emphasized and non-emphasized signal measurement. He compares results with a 0000011111 pattern to CJTPAT. The 0000011111 pattern may not be easy to produce on the wire do to 8b/10b coding rules and certain implementations.

Discussed some aspects as to whether de-emphasis would be specified. It goes back to the reference transmitter requirements. More discussion on the spec issue will follow.

4. Review of Proposed 6G SAS Phy Specs for EMI Reduction [Jenkins]

Updated:

<http://www.t10.org/ftp/t10/document.07/07-007r2.pdf>, and

<http://www.t10.org/ftp/t10/document.07/07-007r2.ppt>

Quick review of updates to this proposal.

5. New items.

None.

Next meeting:

Tuesday, January 16, 2007

Orlando Marriott Lake Mary Hotel

No call 1/18.