XLAUI / CAUI Adhoc Report

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History

• 3 Ad Hoc Telecons were held
  – Oct 3rd, Oct 17th, and Oct 31st
  – Material can be found at:

• Key Topics of Interest:
  – Compliance Points
    • At pins, or close to pins…
  – BER objective
    • 1E-12 vs. 1E-15
  – Test Point Definition
    • Application space is Chip to Chip and Chip to Module
  – Pre-emphasis specification
  – Re-specifying Jitter
    • Change Non-EQ jitter….

• Progress made, but consensus not necessarily achieved for all topics
XLAUI / CAUI Application Space

Module with nAUI I/O

IC with nAUI I/O

Module Cage nAUI I/O

Module Compliance Board

Host Compliance Board
Path Forward

• Comments & Presentations submitted on improving XLAUI / CAUI
  – If we are able to achieve consensus, direction on changes to the editor need to be clear
  – If we are unable to achieve consensus, continue with telecons
    • Select Friday’s at 8:30am PST