

MMF Ad Hoc meeting minutes

25th Feb 2014

Approved minutes
recorded by jonathan king

MMF ad hoc meeting minutes, 25th Feb. 2014

- **Meeting started** at 9 am Pacific, chaired by Jonathan King.
- **Attendee list** was taken from the Webex attendee list, 17 attendees were noted.
- **Presentations** shared in the MMF ad hocs can be found at the MMF ad hoc web page.
 - <http://www.ieee802.org/3/bm/public/mmfadhoc/meetings/index.html>
- **IEEE patent policy:** Attendees were reminded of the IEEE patent policy
 - <http://www.ieee802.org/3/patent.html>
- **House keeping:** The agenda was approved.
- **Presentations:**
 - Comprehensive transmitter and receiver jitter methodology – Ali Ghiasi
 - Measurement uncertainty – Jonathan King
 - Comparison of Tx metrics for 100GBASE-SR4 (continued) – Piers Dawe
- **Discussion:**
 - Ali presented a proposal to combine the SRS test and a mask based jitter tolerance test (i.e. continuous limit for jitter tolerance vs frequency), in order to avoid host jitter tolerance being exceeded when multiple CDRs were concatenated. This topic is the subject of a comment against draft 2.1. There was some support for moving to a combined test definition.
 - Jonathan presented some estimates of measurement uncertainty for TDP, VEC, and other parameters, showing the largest contributor to TDP's measurement uncertainty was the measurement uncertainty of the VEC of the test source.
 - Piers reviewed and updated recent work comparing simulations of TDP, TxVEC, and link margin, with Gaussian and laser like transmitters distinguished. Piers showed good correlation of simulated VEC and link margin for histograms including all but 1e-2, but poorer correlation for lower fractions.
- **Meeting ended** at 11.10 am.
- **Next meeting:** TBD

Attendees

Pete Anslow, Ciena

Vinu Arumugham, Cisco

Dave Brown, Semtech

Piers Dawe, Mellanox

Patrick Decker, Oracle

Dan Dove, Huawei

Mike Dudek, Qlogic

Galen Fromm, Cray

Ali Ghiasi, independent

Adam Healey, LSI

Jack Jewell, Commscope

Richard Johnson, Finisar

Myles Kimmitt, Emulex

Jonathan King, Finisar

Scott Kipp, Brocade

Paul Kolesar, Commscope

Greg LeCheminant, Agilent

Marco Mazzini, Cisco

Petar Pepeljugoski, IBM

Rick Rabinovich, Alcatel Lucent

Randy Rannow,

Mike Ressler, Hitachi-Cable