MMF Ad Hoc meeting minutes

6th Nov 2013

Unapproved minutes

recorded by jonathan king

MMF ad hoc meeting minutes, 6th Nov. 2013

- **Meeting started** at 9 am Pacific, chaired by Jonathan King.
- **Attendee list** was taken from the Webex attendee list, 19 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*
- **Agenda slides were agreed**
- **Presentations:**
  - 'Modal Noise in 100GBASE-SR4- update' – Piers Dawe
- **Discussion:**
  - Piers presented work looking at the impact of lower ER on RIN, mode partition noise, modal noise, link penalties. Piers' new work confirmed that modal noise penalty increases as approximately the square of the noise term, and that if we were scaling from the 0.3dB allowance in clause 52, then an additional 0.16dB would be needed to be allocated in the link budget. Piers gave several options for how that could be done. Jonathan asked what modal loss had been assumed. It was agreed that a study of the modal loss vs modal noise penalty would be worthwhile; Petar Pepeljugoski kindly offered to update his work on modal noise for 100GBASE-SR4 like applications.
- **Meeting ended** at 10.30 am.
- **Next meeting:** TBD, 9am to 10.30 am

Attendees

Pete Anslow, Ciena
David Brown, Semtech
Matt Brown, Applied Micro
Piers Dawe, Mellanox
Dan Dove, independent
Mike Dudek, Qlogic
Moe Garcia,TI
Myles Kimmitt, Emulex
Jonathan King, Finisar
Brett Lane, Panduit
Ryan Latchman, Mindspeed
Dale Murray, Lightcounting
Petar Pepeljugoski, IBM
John Petrilla, Avago Technologies
Rick Pimpinella, Panduit
Mike Ressl, Hitachi Cable
Sam Sambasivan, ATT Labs
Bill Sherry, TI
Robert Wang, Intel