MMF Ad Hoc meeting minutes

7th August 2014

Unapproved minutes

recorded by jonathan king

MMF ad hoc meeting minutes, 7th August 2014

- **Meeting started** at 9 am Pacific, chaired by Jonathan King.
- **Attendee list** was taken from the Webex attendee list, 14 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 amended and approved at the start of the meeting. Approval of the minutes of 3rd,10th, and 24th July, was postponed to allow an extra week of review.
- **Presentations and discussion points:**
  - Draft changes to SRS sections – MMF ad hoc working document maintained by Jonathan King
    - Change marked draft of Clause 95 with proposed changes to make TxVEC the primary metric of the stressed receiver conformance test signal.
- **Discussion:**
  - The group reviewed the proposed changes marked draft of Clause 95. Several editorial changes were suggested and noted. The draft was modified accordingly and a revised version loaded onto the MMF ad hoc materials page.
  - Note: Attached list of items needing comments against daft 3.1 , and items for further consideration in the MMF ad hoc (next slide) has been updated.
- **Meeting ended** at 10.35 am
- **Next meetings:** 14th August , 9am to 10.30am Pacific

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- Noted items that will require a comment against D3.1:
  - Section 95.7.2, need to modify *note d* under Table 95-7 to be consistent with using the TxVEC target value as the main metric of the stressed receiver conformance signal.
  - Section 95.8.5.2, amend text describing patterns for measuring Pave and histograms to include 'Using one of the patterns specified in Table 95-10, measure…' to be clear that P_{ave}, crossing points, and the histograms, are all measured with the same test pattern.
  - Section 95.8.5.2, change 'outer boundary of the histogram.' to 'outer boundary of the histogram window.'
  - Section 95.8.5.5, note a) against Table-95-xx , change 'sine' to 'sinusoidal'.
  - Section 95.8.8.2, need to modify the fifth indented paragraph describing the iteration of adjustable features, to be consistent with using TxVEC target value as the main metric of the stressed receiver conformance signal, and point to other changes needed for consistency, as shown in king_02_0814_optx
  - Table 95-13 should have a corresponding PICS entry.
  - 95.12.4.5 Comment needed to make IEC hazard level requirement consistent.
  - Section 95.8.8.4 change 'implementor' to 'implementer' (needs to be done for the whole of 802.3 via revision project)
  - Table 95-10, in 'TxVEC of stressed receiver conformance test signal calibration' row, replace '3 or 5' with '3, 5, or valid 100GBASE-SR4 signal'
- For consideration in MMF ad hoc :
  - Different (more descriptive) name for TxVEC ?
  - Should 100GBASE-SR4 signals be allowed for TxVEC measurements ?
  - What is the appropriate IEC hazard level for 100GBASE-SR4 ?
  - Check reference receiver noise assumptions in clause 86.
  - Review of the value of the Tx_OMA minus TDP vs min Tx_OMA (currently 0.9 dB for clause 95).
  - Review use of clean clock vs CRU for SRS calibration

Attendees

Pete Anslow, Ciena
Derek Cassidy, BT
Piers Dawe, Mellanox
Patrick Decker, Oracle
Dan Dove, Dove Networking Solutions/Huawei
Mike Dudek, Qlogic
Jonathan King, Finisar
Paul Kolesar, Commscope
Greg LeCheminant, Agilent
Petar Pepeljugski, IBM
John Petrilla, Avago Tech
Rick Rabinovich, Alcatel-Lucent
Randy K Rannow, API
Sam Sambasivan, ATT Labs