Link Segment Ad-Hoc Report

September 11, 2017

Link Segment Draft

- IL: Use line for Topology A in http://www.ieee802.org/3/ch/public/sep17/DiBiaso_3ch_01_0917.pdf

- RL: Use line for Topology A (and/orB) Sdd11 in http://www.ieee802.org/3/ch/public/sep17/DiBiaso_3ch_01_0917.pdf
- Alien Cross talk: Use line for CAT8 cable and extrapolate to 3 GHz, if needed

Action Items by November Plenary

- PHY vendors to begin their analysis based on the Link Segment Draft on page 2 of this file.
  - Results should include noise margin available based on assumed parameters, including
    - PAM x
    - Max V_{p-p}
    - FEC
    - Etc.

Action Items by November Plenary

- TE and Molex to build EMC test cables that are 2 m long with 3 equal segments and 2-inlines
- Natalie to measure test cables for noise induced in the cable from 400 MHz to 2 GHz (higher if possible) (See GMW3097 Section 3.4.3 for details of test to be performed.)
- Rainer to measure test cables to estimate emissions using the method defined on slide 5 of http://www.ieee802.org/3/ch/public/may17/DiBiaso_3NGAUTO_01_0517.pdf