

P802.3bs Electrical Track Closing Report

November 11th 2015 Dallas TX

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Progress

- Comment resolution
 - Resolved the outstanding 75 comments for Annexes 120B, 120C, 120D & 120E allocated to the electrical track
- Met for 605 minutes. 8.1 minutes per comment.
- Thanks to the Editors and Electrical track members for their hard work in preparation for and during this meeting

Items decided upon

- Removed Deep sleep and EEE sub-clauses (comments #49,58)
- Added explicit adaptive equalization text (comments #191,185,192)
- Tx output linear fit method to use [QPRB13 equivalent] test pattern (comment #47)
- Adopted COM parameter changes proposed in healey_3bs_02_1115.pdf into Table 120D-7 with the exception of the Single-ended termination resistance (Rd) value which should be 55 ohm. All changes will be made in Magenta (comment #53)
- Changed IL Equation 120E-1 to 10.2dB to be consistent with Figure 120E-2 (comment #15)
- Bring a copy of 86A.5.3.3 (transition time definition) into the Annex and update, with editorial license, for PAM4 signaling. (comment #201)
- Make references to CDR bandwidth of 10MHz magenta (comments #18,241)
- Use QPRBS31 rather than QPRBS13 for Host stressed input test (comments #64,207)
- Adopted Single-ended voltage tolerance values (comment #208)

Areas for further work

- Host and Module transition time TBDs
- CRU bandwidth : change to 4 Mhz or stay at 10MHz
- Additional Jitter tolerance measurement frequencies
- C2M LF equalizer (no related comment)