

P802.3bs Electrical Track Closing Report

November 8th 2016 San Antonio Tx

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Progress

- Electrical Track Comment resolution
 - Resolved all 45 comments for Annexes 120D & 120E allocated to the electrical track
 - Included consideration of 20 "out of scope" comments
 - Met for $120+100+130+126=476$ minutes.
 - 5 presentations
 - 10.6 minutes per comment.
- Thanks to the Electrical track members for their hard work in preparation for and during this meeting

Items decided upon

- Adopted new $J4/J_{rms}$ and EOJ jitter measurement methodologies using PRBS13Q
- Adopted SNR_{ISI} to account for ISI of transmitter package after adoption of $N_p=200$
- Adopted changes to v_f (max), v_f (min), and Linear fit pulse peak (min) required by adoption of $N_p=200$
- Adopted improved eye measurement illustrative diagram

Areas for further work

- Fall-out from adoption of new jitter measurement methodologies
- COM of mated test fixture
- With N_p of 200 the effect of reflections in the test system need to be accounted for, but this needs further investigation in light of the definition of SNR_ISI.