

Optical Sub-Task Force Closing Report

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IEEE P802.3ba, San Francisco, July 2009

Progress

- Comment resolution
 - Resolved all 66 T/TR comments received for 86, 86A, 87 & 88
 - Resolved all 11 ER comments received for 86, 86A, 87 & 88
 - Resolved 6 out of 28 E comments. The remaining Editorial comments will be closed as per the Editorial Team proposed responses
- Optical track met for 14.1 hours
 - 84 comments resolved works out as 10.2 minutes per comment
 - 5.7 m/ct New Orleans, 4.9 m/ct Vancouver, 7.2 m/ct Quebec City
 - Thanks to the Editors and OSTF members for their hard work in preparation for and during this meeting

Items decided upon

- No changes to budgets in clauses 87 and 88
 - Except DGD_max changed from 10 ps to 8 ps for 100GBASE-LR4
- Clause 87, 88 revised SRS measurement method agreed
 - As per king_01_0709 with minor changes
- 40/100GBASE-SR4/10 budget changes
 - Average power, each lane max increased from 1 to 2.4 dBm (#149)
 - VECP, each lane reduced from 2 to 1.9 dB (#162)
 - nPPI module output max J9 Jitter decreased from 0.63 to 0.62 UI (#162)

100GBASE-LR4/ER4

- Comment #224 proposed to reduce the eye mask measurement CRU corner frequency from 10 MHz to 6 MHz
- Comment #225 proposed to reduce the Applied Sinusoidal Jitter corner frequency in SRS test from 10 MHz to 6 MHz to compensate
- These proposed changes were not accepted in this meeting
- 10 MHz was derived from scaling the 4 MHz used for 10 G lanes by a factor of 25/10
- Further input on whether 10 MHz is the best choice for the corner frequency is desired

Thanks!