Comment #72 (C2M) & #504 (C2C)

P802.3dj COM Parameter Value Consensus Building – AUI C2M & C2C

Kent Lusted, Intel Corporation
Rich Mellitz, Samtec
Upen Reddy Kareti, Cisco
Tobey P.-R. Li, MediaTek
Mike Dudek, Marvell
Howard Heck, Intel Corporation
Beth Kochuparambil, Cisco
Matt Brown, Alphawave Semi
Adam Healey, Broadcom
Ali Ghiasi, Ghiasi Quantum
Supporters

• Bill Simms, NVIDIA
• Adee Ran, Cisco
• Mike Wingrove, Ciena
• Yasuo Hidaka, Credo
• Phil Sun, Credo
• Charles Park, Juniper Networks
• Rick Rabinovich, Keysight Technologies
• Priyank Shukla, Synopsys
Proposal – AUI C2M and AUI C2C (1/2)

• For 200G/lane AUI C2M and AUI C2C, set the COM parameter values as follows:
  - $\text{Eta}_0 = 1E-8$
  - \# RXFFE taps
    - Number of pre-cursor taps ($d_w$) = 5
• Add editor’s note:
  • “The d_w and eta_0 parameters values in this table are strawman values and may change based on further analysis. Contributions in this area are encouraged.”
Next Steps

• Determine the COM parameter values for AUI C2M and AUI C2C:
  • Number of fixed-position taps \((N_{\text{fix}})\) = TBD
  • Number of floating tap groups \((N_g)\) = TBD
  • Number of taps per floating tap group \((N_f)\) = TBD
  • Highest allowed tap index \((N_{\text{max}})\) = TBD
Thanks!