

# P802.3ck C2M AUI Challenges

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# Summary

Two major challenges are blocking closure on the C2M AUI baseline proposal

- #1: Whole link performance
  - The correlation of TP1a VEC & VEO to whole-link COM performance is unreliable, as shown in sun\_3ck\_01\_0719.
    - We want TP1a specifications to enable the desired whole-link performance
  - Even when a 5-tap RXFFE (4post) is used at TP1a, the Class A/B receiver whole-link COM have ~50% of the contributed channels below 3 dB
  - Scrutinize the whole-link model – is it accurate?
- #2: Short channel
  - The COM/VEC results for short channels highlighted in dudek\_3ck\_01\_0719 need investigation
  - If the results are confirmed, then a solution will need to be proposed

Focus on these areas for the September area to close towards baseline proposals

We must find a way forward soon!

Thanks!