Report from TP2 calls
11/04 San Antonio to 1/05 Vancouver

- **Regular attendees (at least twice)**:
- Lew Aronson
- Piers Dawe
- John Ewen
- Ali Ghiasi
- John Jaeger
- Greg Lecheminant
- Tom Lindsay
- Martin Lobel
- Jan Peeters Weem
- Abhijit Shanbhag
- Norm Swenson
- Nick Weiner
- Ben Wilcox
- Pavel Zivny
- …others on occasion

TWDP

- MATLAB code and informative document for penalty calculation
  - Presented & distributed by Norm Swenson
  - Filtering options discussed
  - Comments submitted to add to next draft
- Scope capture
  - Comment submitted to clean up clocking and triggering methods

Tom Lindsay

Other discussions and comments

- Uncorrelated jitter
  - rms limit and test method proposed
- Relax overshoot masks

Other topics

- Simple rise/fall time approach presented by Nick Weiner

- Limit on max/peak power to control Rx overload?
  - No conclusion

- Some D1.0 comment resolution

Work remaining

- ## TWDP
  - ### More waveform characterization
    - Waveforms tested from ClariPhy, Intel, Finisar, but need more contributions from others to determine penalty limit
  - ### Test patterns
    - John Ewen has identified numerous candidate patterns within AnAi and BnBi
      - Run lengths, transition density, running disparity, autocorrelation, pattern variation, etc.
    - Need to simulate and test, compare penalties with various length prbs patterns, select

- ## Refine eye mask limits
- ## Peak power limit?