

10GE PON TDP Discussion Summary

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TDP Discussions

1. TDP definitions and spreadsheet calculation

2. TDP numbers as a first approximation

Participants :

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1. TDP Definitions and Spreadsheet Calculation

- Spreadsheet TDP definition may help
the worst case consideration for spec??

Dispersion penalty (DP) can be calculated

Transmitter penalty (TP) maybe a measurement value

- TP/DP separation may help the assumption??

In spreadsheet maybe OK, but not to be separated

In spec. NO!! TDP should be a single parameter

- TDP =

Test Tx w/ worst_case PON(w/ dispersion and attenuation)

- Ideal Tx w/ pure attenuation

(by Dr. Pete Anslow)

2. TDP Numbers as a First Approximation

- No strong arguments were made
- Ideal Tx definition for TDP test should be set up
- TDP numbers, **1.5dB for D/S**, and **3.0dB for U/S**, described in 3av_0711_hamano_1.pdf, as a first approximation, are approved by;

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