

Report from TP3 Conference Calls

Regular Participants:

John ABBOT	Paul KOLESAR	Albrecht ROMMEL
Lew ARONSON	Ryan LATCHMAN	Abhijit SHANBHAG
Sudeep BHOJA	Tom LINDSAY	Vivek TELANG
John DALAHASSE	Martin LOBEL	Joey THOMPSON
Mike DUDEK	Jim MCVEY	Lars THON
John EWEN	Petar PEPELJOGSKI	Andre VAN SCHYNDEL
Ali GHIASI	Jan PETERS WEEM	Nick WEINER
John JAEGER	Petre POPESCU	Plus others...

Progress in defining TP3 test methods and parameters

Consensus on Normative Comprehensive receiver sensitivity and overload test

- T should stay at 0.75 UI as it is in the draft. The ISI generator should stay at four taps.
- TP3 stressors should be chosen from the union of the stressors already in the draft standard and of the stressors computed by John Ewen and presented in the following message on the reflector:
<http://www.ieee802.org/3/10GMMFSG/email/msg00767.html>
The Ewen stressors are chosen to have good properties when evaluated with finite equalizers of various complexities using the current fiber model.
- Parameter Q_{sq} which defines noise loading needs to change. Agreed to change to 18 (less noise), but new calculations have been made which should be heard.

Proposals where put forward for two different sets of ISI parameters which have different stress levels.

Progress in defining TP3 test methods and parameters

- Consensus on Informative Simple receiver sensitivity and overload test.
 - The PIE-D of the informative test waveform should be related to the PIE-D of the three stressor waveforms of the comprehensive test. Did not reach consensus on using average, maximum, etc. value.
 - The 20%-80% rise/fall time parameter will be chosen from a table computed by Sudeep Bhoja and presented in an e-mail to the reflector.
<http://www.ieee802.org/3/10GMMFSG/email/msg00803.html>
 - Simple linear interpolation should be used with the table to determine the exact rise/fall time.
 - Since the informative test calls out an OMA test level which is below the specified range, a note should be added to the informative test and test parameters to highlight this fact.