

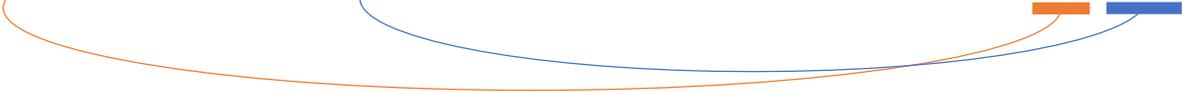


Handling Open Comments 3

Beth Kochuparambil

3/11/2020

Resubmitted Comments

- Comment Number is the Paper Trail
 - Draft 1.0 comment #59 → Draft 1.1 comment #10059
 - Subclause, Page, Line of Draft 1.1
 - Previous references to Draft 1.0 added as editor note in comment
 - Proposed Response Restarted for Draft 1.1
- 

51 Open Comments

- 3 buckets
 - Discussion needed
 - Pending further work
 - Overtaken by events
- Commenters to disposition



Use of Ad Hoc Time



Comments to be Addressed Listed in Agenda



Review of Comment & Suggested Remedies



Review Affected Items in the Draft



Discuss



Capture Discussion in Proposed Response for Face-to-Face Meeting

Discussion of Comments 10158, 10157, 10143, ~~10197~~, ~~10199~~, (114)

Mar 11, 2020 Ad Hoc

These are re-submitted comments from draft 1.0 (#158, 157, 143, 197, and 199)

- Comments withdrawn; they are replaced with Comment #114

<i>Cl</i> 120G	<i>SC</i> 120G.4.2	<i>P</i> 232	<i>L</i> 15	# 10197
Ghiasi, Ali		Ghiasi Quantum/Inphi		
<i>Comment Type</i>	TR	<i>Comment Status</i>	D	
[Comment resubmitted from Draft 1.0. Subcl. 120G.4.2 - Pg 226 - In 40]				
gDC max gain of 14 dB is unnecessary with a DFE receiver and channel <=16 dB				
<i>SuggestedRemedy</i>				
12 dB would be more than adequate and with further study we can even further reduce the gDC.				

<i>Cl</i> 120G	<i>SC</i> 120G.4.2	<i>P</i> 232	<i>L</i> 19	# 10199
Ghiasi, Ali		Ghiasi Quantum/Inphi		
<i>Comment Type</i>	TR	<i>Comment Status</i>	D	
[Comment resubmitted from Draft 1.0. Subcl. 120G.4.2 - Pg 226 - In 40]				
To speed up testing and eliminating weird cases one should gDC/gDC2 combinations				
<i>SuggestedRemedy</i>				
See ghiasi_3ck_03_0120 for table of allowed CTLE combinations.				

CI 120G SC 120G.4.2 P 232 L 19 # 10157

Dawe, Piers Mellanox

Comment Type TR Comment Status D

[Comment resubmitted from Draft 1.0. Subcl. 120G.4.2 - Pg 225 - In 44]

This allows combinations such as gDC=-3, gDC2=-3 that should not happen, receivers don't need to design for, and waste time in the "for each valid combination of gDC and gDC2" measurement procedure.

SuggestedRemedy

Limit the combinations:

gDC2	gDC
0 or 1	3 to 14
2	6 to 14
3	9 to 14

CI 120G SC 120G.4.2 P 232 L 19 # 10143

Dawe, Piers Mellanox

Comment Type T Comment Status D

[Comment resubmitted from Draft 1.0. Subcl. 120G.4.2 - Pg 225 - In 46]

Are 1 dB steps for gDC2 fine enough?

SuggestedRemedy

Change to 1/2 dB?

CI 120G SC 120G.4.2 P 232 L 15 # 114

Ghiasi, Ali Ghiasi Quantum/Inphi

Comment Type TR Comment Status X

Is not necessary to allow all combination of gDC and gDC2

SuggestedRemedy

Move gDC and gDC2 into a new table with 3 columns for TP1a, TP4, and TP5 per ghiasi_3ck_01_0320

View Draft - Cannot post due to copyright

Discussion

- There were two competing sets of numbers.
- Further offline discussion has lead to a proposed compromise: AIP

Draft 1.1		Piers' Proposal		Ghiasi March Proposal		OIF	Compromise?	
gDC2	gDC	gDC2	gDC	gDC2	gDC	<i>Cannot post due to copyright</i>	gDC2	gDC
0	-3 to -14	0	-3 to -14	0	-2 to -4		0	-2 to -6
-1	-3 to -14	-1	-3 to -14	-1	-2 to -7		-1	-2 to -9
-2	-3 to -14	-2	-6 to -14	-2	-4 to -11		-2	-4 to -11
-3	-3 to -14	-3	-9 to -14	-3	-8 to -13		-3	-8 to -13

- Begin with Piers and Ali as commenters, then proceed to queue

Discussion

- Proposed response from draft 1.0: Reject; due to no proposal
- Begin with Piers Dawe as commenter, then proceed to queue

<i>Cl</i> 120G	<i>SC</i> 120G.4.2	<i>P</i> 232	<i>L</i> 15	# 10158
Dawe, Piers		Mellanox		
<i>Comment Type</i>	TR	<i>Comment Status</i>	D	
[Comment resubmitted from Draft 1.0. Subcl. 120G.4.2 - Pg 225 - Ln 40]				
These look like the CTLE limits for TP1a and TP4 far end.				
<i>SuggestedRemedy</i>				
Where are the limits for TP4 near end?				