

IEEE P802.3cb 2.5 Gb/s and 5 Gb/s Backplane Initial Working Group ballot comments

D2p0

Cl 128 **SC 128.7.1.4** **P 107** **L 50** # **138**
 Smith, Daniel Seagate
Comment Type **TR** **Comment Status** **D**
 change to be a "maximum"
SuggestedRemedy
 should read:
 shall be less than or equal to 1200 mV.
Proposed Response **Response Status** **O**

Cl 130 **SC 130.7.1.4** **P 141** **L 46** # **142**
 Smith, Daniel Seagate
Comment Type **TR** **Comment Status** **D**
 change to be a "maximum"
SuggestedRemedy
 should read:
 shall be less than or equal to 1200 mV,
Proposed Response **Response Status** **O**

Cl 128 **SC 128.7.1.4** **P 108** **L 1** # **139**
 Smith, Daniel Seagate
Comment Type **TR** **Comment Status** **D**
 change to be a "maximum"
SuggestedRemedy
 should read:
 shall be less than or equal to 30 mV peak-to-peak,
Proposed Response **Response Status** **O**

Cl 130 **SC 130.7.1.4** **P 141** **L 47** # **143**
 Smith, Daniel Seagate
Comment Type **TR** **Comment Status** **X**
 change to be a "maximum"
SuggestedRemedy
 should read:
 shall be less than or equal to 30 mV peak-to-peak
Proposed Response **Response Status** **O**

Cl 128 **SC 128.7.1.4** **P 108** **L 19** # **140**
 Smith, Daniel Seagate
Comment Type **TR** **Comment Status** **D**
 change to be a "maximum"
SuggestedRemedy
 should read:
 shall be less than or equal to 30 mV within
Proposed Response **Response Status** **O**

Cl 130 **SC 130.7.1.4** **P 142** **L 17** # **144**
 Smith, Daniel Seagate
Comment Type **TR** **Comment Status** **X**
 change to be a "maximum"
SuggestedRemedy
 should read:
 shall be less than or equal to 30 mV
Proposed Response **Response Status** **O**

Cl 130 SC 130.10.4.4 P 152 L 14 # 146

Smith, Daniel Seagate

Comment Type **TR** Comment Status **X**
change to be a "maximum"

SuggestedRemedy

Value/Comment column should read:
Less than or equal to 30 mV

Proposed Response Response Status

Cl 130A SC 130A.3.1.4.1 P 208 L 48 # 267

Healey, Adam Broadcom Ltd.

Comment Type **TR** Comment Status **D**

PRBS13Q is a PAM4 test pattern and seems to be inappropriate for this interface.
Furthermore, 94.3.12.5.2 pertains to the measurement of PAM4 signals. Note the similar issue with 130A.3.3.1.

SuggestedRemedy

Change the reference to 92.8.3.5 or a similar NRZ-based measurement procedure. Note that 92.8.3.5 specified the use of PRBS9 so not expectation for the test pattern would likely be required in this case.

Proposed Response Response Status

Cl 130A SC 130A.3.1.4.2 P 209 L 2 # 268

Healey, Adam Broadcom Ltd.

Comment Type **T** Comment Status **D**

130A.3.1 already states that "A 5GSEI host input shall meet the specifications defined in Table 130A-1 if measured at the appropriate test point." and Table 130A-1 includes the parameters defined in this subclause. It is not necessary to state the requirements again.

SuggestedRemedy

Remove the last two sentences from this subclause. Note similar issues in 130A.3.1.6, 130A.3.1.7, 130A.3.3.2, and 130A.3.3.3.

Proposed Response Response Status