

IEEE 802.3by D2.2 25 Gb/s Ethernet 2nd Working Group recirculation ballot comments

Cl 110 SC 110.8.4.2.1 P 149 L 9 # 10
 Dawe, Piers Mellanox

Comment Type E Comment Status X

Figures 110-3 and 110-4 show "Additive host board loss" while text says "connecting path" - we should use the same name for something, every time. Do not see how loss is additive - the signal power is divided, the number of dBm is subtracted. Figure 83E-15, Example module stressed input test, calls it "Frequency-dependent attenuator". A pair of wideband SMA 3 dB attenuators could be seen as "Additive loss", and the meaning of "host board" is unclear - but they would not have the desired effect.

SuggestedRemedy

Rename to "Frequency-dependent attenuator" or "Frequency-dependent attenuation", both figures and text. Explain in words that this loss is intended to emulate the difference between the MCB loss and the loss in a host.

Proposed Response Response Status O

Cl 110 SC 110.8.4.2.1 P 149 L 9 # 5
 Dawe, Piers Mellanox

Comment Type E Comment Status X

Figures 110-3 and 110-4 show "Additive host board loss" while text says "connecting path" - we should use the same name for something, every time. Do not see how loss is additive - the signal power is divided, the number of dBm is subtracted. Figure 83E-15, Example module stressed input test, calls it "Frequency-dependent attenuator". A pair of 3 dB SMA attenuators could be seen as "Additive loss", and the meaning of "host board" is unclear - but they would not have the desired effect.

SuggestedRemedy

Rename to "Frequency-dependent attenuator" or "Frequency-dependent attenuation", both figures and text. Explain in the text that this is intended to emulate the difference between the loss in a host and the MCB loss.

Proposed Response Response Status O

Cl 110 SC 110.8.4.2.2 P 149 L 26 # 11
 Dawe, Piers Mellanox

Comment Type E Comment Status X

from the pattern generator to the cable assembly test fixture.

SuggestedRemedy

from PGC to the cable assembly test fixture.

Proposed Response Response Status O

Cl 110 SC 110.8.4.2.2 P 149 L 26 # 6
 Dawe, Piers Mellanox

Comment Type E Comment Status X

from the pattern generator to the cable assembly test fixture.

SuggestedRemedy

from PGC to the cable assembly test fixture.

Proposed Response Response Status O

Cl 110 SC 110.10 P 151 L 53 # 7
 Dawe, Piers Mellanox

Comment Type T Comment Status X

I don't see a good reason for breaking the consensus of the last regular meeting.

SuggestedRemedy

Revisit the appropriateness of changing 2.75 m to 3 m in sponsor ballot.

Proposed Response Response Status O