

IEEE P802.3cd 50 Gb/s, 100 Gb/s, 200 Gb/s Ethernet 5th Sponsor recirculation ballot comments

Cl 000 SC 0 P0 L0 # r05-1

Turner, Michelle

Comment Type **G** Comment Status **X**

This draft meets all editorial requirements.

SuggestedRemedy

Proposed Response Response Status **O**

Cl 138 SC 138.8.5 P273 L47 # r05-2

Dawe, Piers J G

Mellanox Technologies

Comment Type **TR** Comment Status **X**

As noted in previous comments, the combination of all penalties for the MMF PMDs, which is much higher than for SMF, is too high. See http://iee802.org/3/cm/public/adhoc/dawe_3cm_adhoc_01_092718.pdf
Also the relation between measured TDECQ and penalties in service should be improved.

SuggestedRemedy

Insert:

Equation (138-1) is used in place of Equation (121-11).

$R = \sqrt{\sigma_G^2 + \sigma_S^2 - M^2}$ (138-1)

where $M = 0.0075P_{ave}$

[Note to reader: P_{ave} is already defined in 121.8.5.3]

In 138.8.10 Stressed receiver sensitivity, e.g. at page 275 line 46, insert:

the values of M in Equation (138-1) is set to zero, and

Proposed Response Response Status **O**