

IEEE P802.3bv D2.3 GEPOF 3rd Working Group recirculation ballot comments

Cl 114 SC 114.8.1 P111 L19 # 1 [REDACTED]
Kobayashi, Shigeru TE Connectivity

Comment Type **E** Comment Status **D**

The cutting tool and/or using the cutting tool practically cannot be controlled.

SuggestedRemedy

It would be appropriate to use "should" rather than "shall".

Proposed Response Response Status **W**

PROPOSED REJECT.

The comment is out of scope for this recirculation ballot as it is not on changed text or related to changes from P802.3bv/D2.2.

It is true that the cutting tool is not under control. However, the specifications are for the results provided by it.

The implementors of a 1000BASE-RHA PHY have to meet the PMD to MDI optical specifications according to the sub-clause 114.6.3. These specifications are defined in the test points TP2 and TP3, for TX and RX, respectively.

TP2 is defined in 1m after connection of POF cable with MDI receptacle, and TP3 is defined at the end of the POF cable before the connection to MDI receptacle. If the characteristics and the quality of the POF termination that has to be connected in the MDI receptacle is no specified in any way, the MDI implementor can face problems to meet 114.6.3 when fiber is poorly cutted/terminated.

Therefore, the "shall" statement is correct, because the text provides mandatory specifications, but not a recommendations, that would be the case of a "should" statement.

Cl 114 SC 114.7 P107 L # 2 [REDACTED]
Kobayashi, Shigeru TE Connectivity

Comment Type **E** Comment Status **D**

The vertical axis of Figure 114-37, -38, and -39 is not "transfer function lower bound".

SuggestedRemedy

It should be "Transfer function magnitude" followed by the tables 114-13, -14, and -15.

Proposed Response Response Status **W**

PROPOSED REJECT.

The comment is out of scope for this recirculation ballot as it is not on changed text or related to changes from P802.3bv/D2.2.

Figure 114-37 is an illustration of the Table 114-13, as indicated in pg. 106, line 42. As stated in line 38, the specification is done by means of the Table 114-13, where is precisely specified that the lower bound limit is for the transfer function magnitude.

The TF understand that the specifications is clear and consistent.

The same applies to Figure 114-38 and Figure 114-39.