Cl **151** *SC* **151.11.1** *P* **78** *L* **3** # 2

Shariff, Masood CommScope

Comment Type **ER** *Comment Status* **D** *bucket*

Consistency with clause title and Table 151-14

SuggestedRemedy

From: fiber optic cable To: optical fiber cable

Proposed Response *Response Status* **W**

PROPOSED ACCEPT.

Cl **140** *SC* **140.11.4.4** *P* **55** *L* **22** # 6

Anslow, Pete Self

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

OM5a, OM5b, OM5c, and OM8a are all missing "N/A [ ]" in the Support column

SuggestedRemedy

Add "N/A [ ]" in the Support column to OM5a, OM5b, OM5c, and OM8a

Proposed Response *Response Status* **W**

PROPOSED ACCEPT.

Cl **140** *SC* **140.11.4.6** *P* **56** *L* **9** # 7

Anslow, Pete Self

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

Item OC2 in the base standard has "Meets requirements specified in Table 140–12" so "Table 140–12" should be there in strikethrough font

SuggestedRemedy

Add "Table 140–12" in strikethrough font

Proposed Response *Response Status* **W**

PROPOSED ACCEPT.

Cl **140** *SC* **140.7.5b** *P* **46** *L* **10** # 13

Sorbara, Massimo GlobalFoundries

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

The first sentence of the Transmitter over/under-shoot states the following: "The transmitter over/under-shoot percentage of each lane shall be within the limits given in Table 140–6 if measured using a test pattern specified for transmitter over/under-shoot in Table 140–10." I believe that the use of the specified test pattern is mandatory for measuring the over/undershoot, not optional.

SuggestedRemedy

Per the understanding that use of the test pattern specified in Table 140-6 for transmitter over/under-shoot, we propose to change 'if' to 'while': "The transmitter over/under-shoot percentage of each lane shall be within the limits given in Table 140–6 ifwhile measured using a test pattern specified for transmitter over/under-shoot in Table 140–10."

Proposed Response *Response Status* **W**

PROPOSED REJECT.

The word "if" is used in all other PMD clauses. The reason for using "if" is to emphasize that none of these parameters are required to be measured, but if they are then the correct test pattern and method is to be used.

Cl **140** *SC* **140.7.5c** *P* **46** *L* **38** # 14

Sorbara, Massimo GlobalFoundries

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

The first sentence of the Transmitter peak-to-peak power states the following: "The transmitter peak-to-peak power of each lane shall be within the limits given in Table 140–6 if measured
using a test pattern specified for transmitter peak-to-peak power in Table 140–10." I believe that the use of the specified test pattern is mandatory for measuring the over/undershoot, not optional.

SuggestedRemedy

Per the understanding that use of the test pattern specified in Table 140-6 for transmitter over/under-shoot, we propose to change 'if' to 'while': "The transmitter peak-to-peak power of each lane shall be within the limits given in Table 140–6 ifwhile measured using a test pattern specified for transmitter peak-to-peak power in Table 140–10."

Proposed Response *Response Status* **W**

PROPOSED REJECT.

The word "if" is used in all other PMD clauses. The reason for using "if" is to emphasize that none of these parameters are required to be measured, but if they are then the correct test pattern and method is to be used.

Cl **151** *SC* **151.8.8** *P* **71** *L* **51** # 16

Sorbara, Massimo GlobalFoundries

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

The first sentence of the Transmitter transition time states the following: "The transmitter transition time of each lane shall be within the limits given in Table 151–7 for 400GBASE-FR4 and 400GBASE-LR4-6, if measured using a test pattern specified for transmitter transition
time in Table 151–11." I believe that the use of the specified test pattern is mandatory for measuring the over/undershoot, not optional.

SuggestedRemedy

Change 'if' to 'while'

Proposed Response *Response Status* **W**

PROPOSED REJECT.

The word "if" is used in all other PMD clauses. The reason for using "if" is to emphasize that none of these parameters are required to be measured, but if they are then the correct test pattern and method is to be used.

Cl **151** *SC* **151.8.9** *P* **72** *L* **16** # 17

Sorbara, Massimo GlobalFoundries

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

The first sentence of the Transmitter over/under-shoot states the following: "The transmitter over/under-shoot percentage of each lane shall be within the limits given in Table 151-7 if measured using a test pattern specified for transmitter over/under-shoot in Table 151-11." I believe that the use of the specified test pattern is mandatory for measuring the over/undershoot, not optional.

SuggestedRemedy

Per the understanding that use of the test pattern specified in Table 140-6 for transmitter over/under-shoot, we propose to change 'if' to 'while': "The transmitter over/under-shoot percentage of each lane shall be within the limits given in Table 151-7 ifwhile measured using a test pattern specified for transmitter over/under-shoot in Table 151-11."

Proposed Response *Response Status* **W**

PROPOSED REJECT.

The word "if" is used in all other PMD clauses. The reason for using "if" is to emphasize that none of these parameters are required to be measured, but if they are then the correct test pattern and method is to be used.

Cl **151** *SC* **151.8.10** *P* **72** *L* **44** # 18

Sorbara, Massimo GlobalFoundries

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

The first sentence of the Transmitter peak-to-peak power states the following: "The transmitter peak-to-peak power of each lane shall be within the limits given in Table 151-7 if measured
using a test pattern specified for transmitter peak-to-peak power in Table 151-11." I believe that the use of the specified test pattern is mandatory for measuring the over/undershoot, not optional.

SuggestedRemedy

Per the understanding that use of the test pattern specified in Table 140-6 for transmitter over/under-shoot, we propose to change 'if' to 'while': "The transmitter peak-to-peak power of each lane shall be within the limits given in Table 151-7 ifwhile measured using a test pattern specified for transmitter peak-to-peak power in Table 151-11."

Proposed Response *Response Status* **W**

PROPOSED REJECT.

The word "if" is used in all other PMD clauses. The reason for using "if" is to emphasize that none of these parameters are required to be measured, but if they are then the correct test pattern and method is to be used.

Cl **151** *SC* **151.8.13.2** *P* **74** *L* **38** # 19

Dudek, Mike Marvell

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

It is not the optical return loss

SuggestedRemedy

Change "optical return loss" to "optical return loss tolerance"

Proposed Response *Response Status* **W**

PROPOSED ACCEPT.

Cl **140** *SC* **140.7.9** *P* **47** *L* **17** # 21

Dudek, Mike

Marvell

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

To match the paragraph above (for DR) and improve clarity it would be better to change the order of the sentence.

SuggestedRemedy

Replace "The receiver sensitivity (OMAouter) shall be within the limits given in Table 140–7 for 100GBASE-FR1 and 100GBASE-LR1, if measured using a test pattern for receiver sensitivity in Table 140–10." with "The receiver sensitivity (OMAouter) for 100GBASE-FR1 and 100GBASE-LR1,shall be within the limits given in Table 140–7 if measured using a test pattern for receiver sensitivity in Table 140–10. Also change "Receiver sensitivity for 100GBASE-DR is informative" to "The receiver sensitivity (OMAouter) for 100GBASE-DR is informative"

Proposed Response *Response Status* **W**

PROPOSED ACCEPT.