

In support of I-87 proposed resolution

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IEEE P802.3cu 100 Gb/s and 400 Gb/s over SMF at 100 Gb/s per Wavelength Task Force

I-87: Referencing subclauses versus duplicate material

CI 151	SC 151.8.9	P82	L26	# I-87
Dawe, Piers J G		Mellanox Technologies		
Comment Type	T	Comment Status	D	measurement method
Too much duplication of over/under-shoot method.				
<i>Suggested Remedy</i>				
Delete from line 31 and say it is analogous to 140.7.5b.				
Proposed Response		Response Status	W	
PROPOSED ACCEPT IN PRINCIPLE.				
Pending presentation and task force discussion.				

Previous proposed text in lewis_3cu_01a_091520 made a direct reference to 140.7.5b but also removed a paragraph stating that over/under-shoot is measured using the waveforms captured for the TDECQ and TECQ tests in 151.8.5 and 151.8.6 respectively. This update, re-instates that paragraph.

I-87 response – with references to CI 140

151.8.9 Transmitter over/under-shoot¶

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.¶

Transmitter over/under-shoot is measured using the waveforms captured for the TDECQ test (see 151.8.5) and the waveform captured for the TECQ test (see 151.8.6), but without the reference equalizer being applied in each case.¶

Transmitter overshoot and undershoot are calculated using the methods in 140.7.5b.¶