C/ 1 SC 1	P 21	L1	# I <u>-</u> 1		C/ 158	SC 158.8.	1.1	P 78	L 54	# 1-4	
3yrd, William	PRIVACOM \	ENTURES, INC			Maguire, V	alerie		The Siemon (Company		
	Comment Status D on??? It is completely missin of page 21, with zero words u		ment. The Introdu	<i>EZ</i> iction		related text to		ment Status D			EZ
SuggestedRemedy Add the Introduction.					Suggested Insert	-	ng hyphen b	etween "inverted" an	d "(i)".		
Proposed Response PROPOSED ACCEPT	Response Status W IN PRINCIPLE.				Proposed PROP	Response OSED ACCE		onse Status W			
Move "1. Introduction" t	o the next page.				C/ 158	SC 158.9.	7	P 89	L15	# <u>I-5</u>	
C/ 45 SC 45.2.1.27	p.6 P35	L 25	# <u>I-2</u>		Maguire, V	alerie		The Siemon (Company		
Maguire, Valerie Comment Type E	The Siemon (Comment Status D	Company		EZ	Comment Keep r	<i>Type</i> E related text to		ment Status D			EZ
Too many carriage retu	rns between paragraphs.				Suggestea	lRemedy					
SuggestedRemedy Delete line 25.						all hyphens in 0GBASE-BR		E-BR10-D" non-break preaking.	ing and make sp	bace between "e.g	J.,"
Proposed Response PROPOSED ACCEPT.	Response Status W				Proposed PROP	Response OSED ACCE		onse Status W			
C/ 108 SC 108.6	P59	L 28	# 1-3		C/ 158	SC 158.1	1.2.1	P 90	L 43	# <u>I-</u> 6	
Maguire, Valerie	The Siemon (# [-5		Maguire, V	alerie		The Siemon (Company		
Comment Type E	Comment Status D rns between paragraphs.	Joinparty		ΕZ	Comment Keep r	<i>Type</i> E related text to		ment Status D			EZ
SuggestedRemedy	···· ·· ··· · · · · · · · · · · · · ·				Suggestea						
Delete line 28.						• ·	GBASE-BR	20" non-breaking.			
Proposed Response PROPOSED ACCEPT.	Response Status W				Proposed PROP	Response OSED ACCE		onse Status W			
					C/ 159	SC 159.7.	5.2	P 106	L106	# I <u>-</u> 7	
					Maguire, V	/alerie		The Siemon (Company		
					Comment Keep r	<i>Type</i> E related text to		ment Status D			EZ
					S <i>uggested</i> Make l		5GBASE-B	R20" non-breaking.			
					Proposed	Rasnonsa	Poop	onse Status W			

COMMENT STATUS: D/dispatched A/accepted R/rejected RESPONSE STATUS: O/open W/written C/closed U/unsatisfied Z/withdrawn SORT ORDER: Comment ID Page 1 of 8 3/15/2021 1:17:50 PM

C/ 159 SC 159.8.7	P 109	L 36	# I <u>-</u> 8	C/ 158	SC 158.8.1.	1	P 78	L 49	# <mark>I-</mark> 11
/laguire, Valerie	The Siemon C	Company		Stassar, P	eter	Hu	uawei Techr	nologies Co., Ltd	
<i>Comment Type</i> E Keep related text toge	Comment Status D ther.				should be no hy	<i>Comment Sta</i> yphen in "Test-patt -pattern", which all	ern definitio		rious instances in the
uggestedRemedy Make all hyphens in "2 and "25GBASE-BR10	25GBASE-BR10-D" non-break -D" non-breaking.	ing and make sp	bace between "e.g.,"	Suggested	Remedy	est pattern definition			of "test-pattern".
Proposed Response PROPOSED ACCEPT	Response Status W			Proposed PROP	Response OSED ACCEP	Response Stat T.	tus W		
C/ 160 SC 160.8.7	P 135	L 28	# 1-9	C/ 158	SC 158.8.1.	1	P 78	L 51	# <mark>I-12</mark>
laguire, Valerie	The Siemon C	Company		Stassar, P	eter	Hu	uawei Techr	nologies Co., Ltd	
				EZ Comment	Type T	Comment Sta	tus D		
Keep related text toge	Comment Status D ther.		,		ot clear what is r	meant by "Pattern		l."	
Keep related text toge uggestedRemedy Make all hyphens in "5 and "50GBASE-BR10	ther. 50GBASE-BR10-D" non-break -D" non-breaking. <i>Response Status</i> ₩	ing and make sp		It is no Suggested Clarify Proposed PROP	IREMENDIAL IS T IREMENDIAL THE MEANING OF RESPONSE OSED ACCEP "Pattern 3 is op	meant by "Pattern f "Pattern 3 is optic <i>Response Stat</i> T IN PRINCIPLE.	3 is optional onal.". Or alt tus W	ernatively remov	ve this sentence, ional." to the end of
Keep related text toge uggestedRemedy Make all hyphens in "5 and "50GBASE-BR10 Proposed Response	ther. 50GBASE-BR10-D" non-break -D" non-breaking. <i>Response Status</i> W T. <i>P</i> 78	L 44	pace between "e.g.," # [<u>I-10</u>	It is no Suggested Clarify Proposed PROP Delete note a	Arrow Clear what is r ARemedy The meaning of Response OSED ACCEP Pattern 3 is op	meant by "Pattern f "Pattern 3 is optic <i>Response Stat</i> T IN PRINCIPLE. ptional", in Table 1	3 is optional onal.". Or alt <i>tus W</i> 58–10, add	ernatively remov "Pattern 3 is opt	ional." to the end of
Keep related text toge uggestedRemedy Make all hyphens in "5 and "50GBASE-BR10 proposed Response PROPOSED ACCEPT F 158 SC 158.8.1 tassar, Peter	ther. 50GBASE-BR10-D" non-break -D" non-breaking. <i>Response Status</i> W F. <i>P</i> 78 Huawei Techr		pace between "e.g.," # [<u>I-10</u>	It is no Suggested Clarify Proposed PROP Delete note a	IRemedy the meaning of Response OSED ACCEP "Pattern 3 is op SC 160.6.1	meant by "Pattern f "Pattern 3 is optic <i>Response Stat</i> T IN PRINCIPLE. ptional", in Table 1	3 is optional onal.". Or alt <i>tus</i> W 58–10, add <i>P</i> 125	ernatively remov "Pattern 3 is opt <i>L</i> 26	ional." to the end of # <u>I-13</u>
Keep related text toge uggestedRemedy Make all hyphens in "5 and "50GBASE-BR10 roposed Response PROPOSED ACCEPT / 158 SC 158.8.1 tassar, Peter omment Type E The wording "Test pat	ther. 50GBASE-BR10-D" non-break -D" non-breaking. <i>Response Status</i> W T. <i>P</i> 78	L 44 nologies Co., Ltd	bace between "e.g.," # [<u>l-10</u>	It is no Suggested Clarify Proposed PROP Delete note a C/ 160 Stassar, P Comment The ro	A clear what is r <i>Remedy</i> the meaning of <i>Response</i> OSED ACCEP Pattern 3 is op <i>SC</i> 160.6.1 eter <i>Type</i> TR w for "Launch p	meant by "Pattern f "Pattern 3 is optic <i>Response Stat</i> T IN PRINCIPLE. ptional", in Table 1 Hu <i>Comment Sta</i> power in OMAouter	3 is optional onal.". Or alt <i>tus</i> W 58–10, add <i>P</i> 125 uawei Techr <i>tus</i> D	Pattern 3 is opt <i>L</i> 26 nologies Co., Ltd	ional." to the end of # <u>I-13</u>
Keep related text toge uggestedRemedy Make all hyphens in "5 and "50GBASE-BR10 roposed Response PROPOSED ACCEPT / 158 SC 158.8.1 tassar, Peter omment Type E The wording "Test pat uggestedRemedy	ther. 50GBASE-BR10-D" non-break -D" non-breaking. <i>Response Status</i> W T. <i>P</i> 78 Huawei Techr <i>Comment Status</i> D	L44 nologies Co., Ltd for 10GBASE-BF	ace between "e.g.," # [<u>l-10</u> Rx." can be improved	It is no Suggested Clarify Proposed PROP Delete note a C/ 160 Stassar, P Comment The ro as the	A clear what is r <i>Remedy</i> the meaning of <i>Response</i> OSED ACCEP "Pattern 3 is op <i>SC</i> 160.6.1 eter <i>Type</i> TR w for "Launch p previous row an	meant by "Pattern f "Pattern 3 is optic <i>Response Stat</i> T IN PRINCIPLE. ptional", in Table 1 Hu <i>Comment Sta</i>	3 is optional onal.". Or alt <i>tus</i> W 58–10, add <i>P</i> 125 uawei Techr <i>tus</i> D	Pattern 3 is opt <i>L</i> 26 nologies Co., Ltd	ional." to the end of # <u>I-13</u>
Keep related text toge uggestedRemedy Make all hyphens in "5 and "50GBASE-BR10 Proposed Response PROPOSED ACCEPT 158 SC 158.8.1 tassar, Peter comment Type E The wording "Test pat uggestedRemedy	ther. 50GBASE-BR10-D" non-break -D" non-breaking. <i>Response Status</i> W T. <i>P</i> 78 Huawei Techr <i>Comment Status</i> D terns are as in Table 158–11 f	L44 nologies Co., Ltd for 10GBASE-BF	ace between "e.g.," # [<u>l-10</u> Rx." can be improved	It is no Suggested Clarify Proposed PROP Delete note a C/ 160 Stassar, P Comment The ro as the Suggested	A clear what is r <i>Remedy</i> the meaning of <i>Response</i> OSED ACCEP Pattern 3 is op SC 160.6.1 eter <i>Type</i> TR w for "Launch p previous row an <i>Remedy</i>	meant by "Pattern f "Pattern 3 is optic <i>Response Stat</i> T IN PRINCIPLE. ptional", in Table 1 Hu <i>Comment Sta</i> power in OMAouter	3 is optional onal.". Or alt <i>tus</i> W 58–10, add <i>P</i> 125 uawei Techr <i>tus</i> D minus TDE e be deleted	ernatively remov "Pattern 3 is opt <i>L</i> 26 nologies Co., Ltd ECQ (min)" is an	ional." to the end of # <u>I-13</u> identical requirement

C/ 160	SC 160.6.1	P125	L 22	# I <u>-</u> 14	C/ 108 SC 108.1	.3.2	P 46	L 3	# <u> -</u> 17	
Stassar, Pe	eter	Huawei Techno	ologies Co., Ltd		Laubach, Mark		IEEE member	/ Self Employed		
Comment 7	Туре т	Comment Status D			Comment Type E	Comment S	Status D			ΕZ
		e requirement for OMAmin is			"Figure 108–1b" ne	eds to be a cross r	reference link.			
		in 139.6.1, where "Launch po I to point that out in an extens		r minus TDECQ	SuggestedRemedy					
()					Make it so.					
00	SuggestedRemedy Add to Note b: even when the representation of the requirement OMAouter is different as				Proposed Response	Response S	tatus W			
		vay in Clause 139, it is compl			PROPOSED ACCE	EPT.				
Proposed F	Response	Response Status W				•	564		"	
	OSED ACCEPT I				C/ 157 SC 157.1		P 64	L 25	# I-18	
		ugh the representation of the they are consistent".	OMAouter requi	rement is different	Laubach, Mark			/ Self Employed		
		they are consistent .			Comment Type E	Comment S				ΕZ
C/ 108	SC 108.1.2	P 43	L 21	# <mark>I-15</mark>	Figure 157-1 should after the reference					r
Laubach, N	<i>l</i> lark	IEEE member	/ Self Employed		clause. I know thes					а
Comment T	Туре Е	Comment Status D		EZ			-			
"Figure	e 108–1" needs to	be a cross reference link.			SuggestedRemedy					
Suggested	Remedy				Try to make it visua	ally flow better than	it is now.			
Make it	t so.				Proposed Response	Response S	status W			
Proposed F	Response	Response Status W			PROPOSED ACCE	EPT.				
•	, OSED ACCEPT.				C/ 158 SC 158.1	3 / 3	P 95	L7	# I-19	
C/ 108	SC 108.1.3	P 45	L3	# I-16	Laubach, Mark			/ Self Employed	# 1-13	
			-	# 1-10	Comment Type E	Comment S				ΕZ
Laubach, M			/ Self Employed		"Table 159 G" and			e cross reference l	links Same for	
<u> </u>	Tvpe E	Comment Status D		EZ	other Table referen					
	51	ha ha a anaaa nafananaa link								
"Figure	e 108–1a" needs t	to be a cross reference link.			SuggestedRemedy					
"Figure Suggested	e 108–1a" needs i Remedy	to be a cross reference link.			SuggestedRemedy Make it so.					
Comment T "Figure Suggested Make it Proposed F	e 108–1a" needs t <i>Remedy</i> t so.	to be a cross reference link.			,	Response S	Status W			

Comment ID I-19

C/ 158 SC 158.1	0.4.0	P 96	L 7	# <u>1-</u> 20	C/ 108		08.1.3.1	P 45	L 23	# 1-23	
Laubach, Mark			/ Self Employed		Dawe, Pie			NVIDIA			
Comment Type E In other Value/Com convention to use "((and just have the c	ment text in 1 Clause 158.x'	". (e.g. page 93 line	47) versus omitting		Suggeste	ip the bloc dRemedy	Ū		our <15.02 to th	aa richt to ling up u	EZ
SuggestedRemedy Make subclause cro	oss reference	s consistent throug	hout the draft.		the P	CS Receiv	/e paths a	group<15:0> and rx_data-gr above. Move the right hand ne up with the boxes above.	end of the FEC		
Proposed Response PROPOSED ACCE		nse Status W			Proposed PROF	Response POSED A		Response Status W			
C/ 159 SC 159.1	2.4.3	P 116	L10	# <u>I-2</u> 1	C/ 108	SC 10)8.5.1.1	P 51	L16	# <u>1-2</u> 4	
_aubach, Mark		IEEE member	/ Self Employed		Dawe, Pie	ers J G		NVIDIA			
Comment Type E need spaces	Comm	nent Status D		EZ	Comment "will" i	<i>Type</i> s depreca	E ited	Comment Status D			EZ
SuggestedRemedy Change "inTable 15 159–6" on line 21	9–7" to "in Ta	able 159–7" on line	10 and "inTable 15	9–6" to "in Table		ge "It will f					
Proposed Response PROPOSED ACCE	,	nse Status W			Proposed PROF	Response POSED A		Response Status W			
	2.3.3	P141	L 7	# 1-22	C/ 108		08.2.1.2.3		L 9	# I-25	
Laubach, Mark		IFFF member	/ Self Employed		Dawe, Pie			NVIDIA			
Comment Type E "Table 160–6" need		nent Status D		<i>EZ</i> ble 160-x'''s on this				Comment Status D his primitive by the FEC clie	nt is unspecifie	d by the FEC subl	ayer":
page.					Suggeste	dRemedy					
SuggestedRemedy Make it so.						ffect of re	ceipt of th	nis primitive by the FEC clier	nt (the PCS) is :	specified in Clause	ə 49;
Proposed Response PROPOSED ACCE		nse Status W					need to ch	nange Clause 49 to mention	the FEC_UNIT	DATA.indication	
					Chan	POSED A	CCEPT IN	Response Status W N PRINCIPLE. of receipt of this primitive by	the FEC client	is unspecified by t	the

Comment ID 1-25

	08.2.1.3.3	P 49	L 36	# I-26	C/ 108	SC 108.7.3	P61	L 32	# <u>1-</u> 29
Dawe, Piers J G		NVIDIA			Dawe, Pier	rs J G	NVIDIA		
Comment Type		ment Status D			Comment	51	Comment Status D		
gratuitously un	helpful.	nitive by the FEC cli	ent is unspecified	d by the FEC sublayer":	But 10	8.5.3.2 "This op	isable the RS-FEC function tion shall not be used when t R20, 25GBASE-SR, 25GBAS	he RS-FEC subl	ayer is used to form
SuggestedRemedy	/				Suggested		120, 2000A0E-011, 2000A0		
Change to: The effect of re see 107.1.4.2.	eceipt of this prim	itive by the FEC clie	ent (the PCS) is s	pecified in Clause 107;	The st	atus should be	conditional, not always manda	atory	
Proposed Respons		onse Status W			Proposed	•	Response Status W		
PROPOSED A	CCEPT IN PRIN	CIPLE.	v the FEC client i	s unspecified by the			TIN PRINCIPLE. Itus of EF into "(KR or CR): M	1"	
	See 107.1.4.2."	p. ee p	,		C/ 158	SC 158.5.4	P 74	L 37	# I-30
C/ 108 SC 1	08.6.3	P 59	L37	# 1-27	Dawe, Pier	rs J G	NVIDIA		
awe, Piers J G		NVIDIA			Comment	51	Comment Status D		
Comment Type	T Comr	ment Status D					nt requirement to all other sig margin between the input op		
This statement SuggestedRemedy		d receive functions a	are disabled" is m	nisleading.	crosst	alk, power supp	rameter is set to OK, and the ly noise, etc.". The original te	ext was guidance	for the designer, not
,		s it for 91 6 2f [.] "the	RS-FEC transmit	t and receive functions	spec it	em. Implement	ers will expect to use existing	10G receiver de	signs for these PMDs
are disabled"	001 002.000 1140				Suggested	Remedy			
Proposed Respons PROPOSED A		onse Status W			the SI the inp	GNAL_DETECT out optical powe		must provide ad	equate margin betwee
C/ 108 SC 1	08.6.4	P 59	L 47	# I-28			DETECT parameter is set to power supply noise, etc."	OK, and the inne	erent noise level of the
Dawe, Piers J G		NVIDIA					must" to "should".		
Comment Type	E Comr	ment Status D			Proposed	Response	Response Status W		
This variable is	set to one to ind	icate that the decoc zero if this ability is	ler has the ability s not supported	to bypass error			IN PRINCIPLE.		
SuggestedRemedy		,				comment as D2 e "shall" to "sho	2.3, #26. puld", change "due to" to "incl	uding the effects	of".
		decoder has the ab ity is not supported.		or correction. The			f 158.5.4 become:		
Proposed Respons	se Respo	nse Status W					Id provide adequate margin b ETECT parameter is set to OI		
PROPOSED A	,				PMD i Variou	ncluding the effe s implementation	ects of crosstalk, power suppl ons of the Signal Detect funct ions that generate the SIGNA	ly noise, etc. ion are permitted	by this standard,

Comment ID 1-30

response to the amplitude of the modulation of the optical signal and implementations that

respond to the average optical power of the modulated optical signal.

V 158 SC 158.5.4	P 74	L	# I-31	C/ 158	SC 158.8.10.	2 P87	L 34	# 1-33
awe, Piers J G	NVIDIA			Dawe, Pie	rs J G	NVIDIA		
Comment Type T	Comment Status D			Comment	Туре Т	Comment Status D		
	m is too near to the Averag BASE-LX10 has -45 dBm.	ge receive power	(min) for 10GBASE-	/ANSI Suggested		A-92 (for chromatic dispers	ion measurement	:)
SuggestedRemedy				00		-42, as in 160.7.5.2		
Change -30 to a lower nι	umber. Preferably, put the l	imit in Table 158	-7.	Proposed				
Proposed Response	Response Status W			,	POSED ACCEPT.	Response Status W		
PROPOSED ACCEPT IN	N PRINCIPLE.			FROF	USED ACCEPT.			
	argin in Table 114–4 (SIGN	AL_DETECT va	lue definition), reserve	C/ 158	SC 158.8.10.	3 P88	L 5	# I-34
about 5 dB.				Dawe, Pie	rs J G	NVIDIA		
V 158 SC 158.8.9.1	P 81	L 25	# I-32	Comment	Type TR	Comment Status D		
awe, Piers J G	NVIDIA					ss than or equal to 4 MHz":		
omment Type T	Comment Status X			lt has transn		us. Setting the CRU corne	r frequency far too	o low will fail acceptab
			our at interfaces, it					
has provision for it to be on.	ectation that the transmitted on or off, only. The previou	l signal be adjust	table; the standards	Proposed	e "less than or equ <i>Response</i> POSED ACCEPT.	Response Status W		
Second, there is no expe has provision for it to be on. uggestedRemedy	on or off, only. The previou	l signal be adjus us sentences say	table; the standards y that the transmitter is	Proposed	Response	Response Status W	L39	# 1-35
Second, there is no expe has provision for it to be on. uggestedRemedy Change to "The reflectan	on or off, only. The previounce of the optical link should	l signal be adjus us sentences say	table; the standards y that the transmitter is	Proposed PROF	Response POSED ACCEPT. SC 158.10	Response Status W	L 39	# [<u>-35</u>
Second, there is no expe has provision for it to be on. uggestedRemedy Change to "The reflectan 158.8.9.2 (h), 159.7.10 (h	on or off, only. The previounce of the optical link should	l signal be adjus us sentences say	table; the standards y that the transmitter is	Proposed PROF 	Response POSED ACCEPT. SC 158.10 rs J G	Response Status W P89	L 39	# [<mark>-35</mark>
Second, there is no expe has provision for it to be on. uggestedRemedy Change to "The reflectan 158.8.9.2 (h), 159.7.10 (h proposed Response Input from Frank'Email of	on or off, only. The previou nce of the optical link should n) and 160.7.11 <i>Response Status</i> W n Feb. 27:	l signal be adjusi us sentences say d be at its maxim	table; the standards y that the transmitter is num level". Similarly in	Proposed PROF C/ 158 Dawe, Pie Comment	Response POSED ACCEPT. SC 158.10 rs J G	Response Status W P89 NVIDIA Comment Status D	L39	# [<u>-35</u>
Second, there is no expe has provision for it to be on. SuggestedRemedy Change to "The reflectan 158.8.9.2 (h), 159.7.10 (h Proposed Response Input from Frank'Email of A possible resolution of th (ORLtest) is adjusted suc	on or off, only. The previou nce of the optical link should n) and 160.7.11 <i>Response Status</i> W n Feb. 27: his would be to require that ch that Optical return loss (t signal be adjust us sentences say d be at its maxim t "the optical retu test) = Optical retu	table; the standards y that the transmitter is num level". Similarly in rrn loss of the test link	Proposed PROF Cl 158 Dawe, Pie Comment ANSI/ Suggested	Response OSED ACCEPT. SC 158.10 rs J G Type T TIA/EIA-526-14A <i>IRemedy</i>	Response Status W P89 NVIDIA Comment Status D		# <mark>[-35</mark>
Second, there is no expe has provision for it to be on. uggestedRemedy Change to "The reflectan 158.8.9.2 (h), 159.7.10 (h roposed Response Input from Frank'Email of A possible resolution of th (ORLtest) is adjusted suc Average launch power (te	on or off, only. The previou nce of the optical link should n) and 160.7.11 <i>Response Status</i> W n Feb. 27: his would be to require that	d signal be adjust us sentences say d be at its maxim t "the optical retu test) = Optical re er (max). "	table; the standards y that the transmitter is num level". Similarly in urn loss of the test link eturn loss (min) +	Proposed PROF CI 158 Dawe, Pie Comment ANSI/ Suggested This is Proposed PROF	Response OSED ACCEPT. SC 158.10 rs J G Type T TIA/EIA-526-14A Remedy s for multimode? Response OSED ACCEPT	Response Status W P89 NVIDIA Comment Status D /method B If so, delete, also from 159 Response Status W	.9	
Second, there is no expe has provision for it to be on. uggestedRemedy Change to "The reflectan 158.8.9.2 (h), 159.7.10 (h proposed Response Input from Frank'Email of A possible resolution of th (ORLtest) is adjusted suc Average launch power (te Optical return loss (min) in 158-6.	on or off, only. The previou the of the optical link should n) and 160.7.11 <i>Response Status</i> W n Feb. 27: his would be to require that ch that Optical return loss (est) – Average launch powe	d signal be adjust us sentences say d be at its maxim t "the optical retu test) = Optical re er (max). " rage launch pow	table; the standards y that the transmitter is num level". Similarly in urn loss of the test link eturn loss (min) + er (max) is from Table	Proposed PROF CI 158 Dawe, Pie Comment ANSI/ Suggested This is Proposed PROF	Response OSED ACCEPT. SC 158.10 rs J G Type T TIA/EIA-526-14A Remedy s for multimode? Response OSED ACCEPT	Response Status W P89 NVIDIA Comment Status D /method B If so, delete, also from 159 Response Status W IN PRINCIPLE.	.9	
Second, there is no expe has provision for it to be on. UggestedRemedy Change to "The reflectan 158.8.9.2 (h), 159.7.10 (h roposed Response Input from Frank'Email of A possible resolution of th (ORLtest) is adjusted suc Average launch power (te Optical return loss (min) in 158-6. This equation will product	on or off, only. The previou nee of the optical link should n) and 160.7.11 <i>Response Status</i> W n Feb. 27: his would be to require that ch that Optical return loss (est) – Average launch powe is from Table 158-12. Aver the a situation where the NE.	d signal be adjust us sentences say d be at its maxim t "the optical retu test) = Optical re er (max). " rage launch pow	table; the standards y that the transmitter is num level". Similarly in urn loss of the test link eturn loss (min) + er (max) is from Table	Proposed PROF CI 158 Dawe, Pie Comment ANSI/ Suggested This is Proposed PROF	Response OSED ACCEPT. SC 158.10 rs J G Type T TIA/EIA-526-14A Remedy s for multimode? Response OSED ACCEPT	Response Status W P89 NVIDIA Comment Status D /method B If so, delete, also from 159 Response Status W IN PRINCIPLE.	.9	

Comment ID 1-35

CI 158 SC 158.13.	I P 92	L 7	# 1-36		Cl 160	SC 160.7.5.2	P 129	L 54	# 1-39
Dawe, Piers J G	NVIDIA				Dawe, Piers	s J G	NVIDIA		
Comment Type E Clause 158,Physical I	<i>Comment Status</i> D Medium			ΕZ	Comment T Notes d	<i>ype</i> E letached from ta	Comment Status D		EZ
SuggestedRemedy Insert space Proposed Response	Response Status W					,	Make the notes stay with the 16-8.	ne table.	
PROPOSED ACCEP	'				Proposed Response Response Status W PROPOSED ACCEPT IN PRINCIPLE.				
CI 159 SC 159.12.4	4.4 <i>P</i> 116	L15	# I-37		Table 1	60-8 has the sa	me format issue.		
Dawe, Piers J G	NVIDIA				C/ 160	SC 160.7.5.2	P130	L 2	# 1-40
Comment Type E	Comment Status D			ΕZ	Dawe, Piers	JG	NVIDIA		`
blank lines? and follo	wing tables				Comment T	ype T	Comment Status D		
SuggestedRemedy Remove. Also 159.12	2.4.6 and following				dispers	ion for the comp	nade to 158.8.10.2: The mir liance channel are calculat	ed based on max	imum length. For each
Proposed Response	Response Status W						naximum CD are the same patch panel loss is not prop		k with a shorter fibre
PROPOSED ACCEP	Ι.				SuggestedF	Remedy			
C/ 159 SC 159.12.4		L 21	# 1-38				ble 158-13: add to note a: rt as 2 m, and the minimum	n or maximum dis	persion may be 0.
Dawe, Piers J G	NVIDIA				Proposed R	lesponse	Response Status W		
Comment Type E inTable 159–6	Comment Status D			EZ	PROPC	SED ACCEPT			
SuggestedRemedy Insert space									
Proposed Response PROPOSED ACCEP	Response Status W								

Comment ID 1-40

C/ 160	SC 160.6.1	P 125	L 28	# <u>I-</u> 41	C/ 160	SC	60.6.1	P 125	L 26	#
Dawe, Pie	rs J G	NVIDIA			Wang, Ruo	oxu		Huawei		
Comment	Type TR	Comment Status D			Comment	Туре	т	Comment Status D		
You w qualifi	ed to the earlier I	MDs to be buildable with exist PAM4 specs (200GBASE-DR	4, 200GBASE-F	R4, 200GBASE-LR4,	TDEC	Q fron		outer minus TDECQ (min)" is dB is already determined by (min)".		
		BASE-FR, 50GBASE-LR and, eed protection from both a we			Suggested	Reme	ədy			
very b resolu receiv	ad signal (K and ition, dynamic rar er for TDECQ.	overshoot limits) because rea nge, linearity and optimisation C C = 10log10(Ceq) = noise e	al affordable rece algorithm, unlike	eivers have finite e the ideal reference	The pr https://	opose /www.	ed referenc	wer in OMAouter minus TDE(e table is shown on page 11 g/3/cp/public/2009/2009_3cp	in	for 100GBASE-FR1
Recer power	excursion limits.	PAM4 receivers are protected			Proposed PROP	'	onse D ACCEPT	Response Status W		
		at the others miss, and that T			C/ 160	SC	6160.6.1	P 125	L 38	#
	are no separate res for TDECQ a	measurements for these; the nd TECQ.	y are by-product	s of waveform	Wang, Ruo	oxu		Huawei		
		d signals will help avoid error	floors.		Comment		т	Comment Status D		
	tate the limit on k	<pre>K = TDECQ - 10log10(Ceq) m istant and to find</pre>			wherea	as Tal	ble 160-11	for 50GBASE-BR20 an optica suggests that this is 15.3 dB both Tables 160-6 and 160-1	, which is not co	
		istent protection across the 5 limits as in the latest 802.3cu.			Suggested	Reme	edy			
Add tr		excursion limits to the PMD(s						split the table into two colum GBASE-BR20 to 15.3dB.	ns and set "Opt	ical return loss
Proposed	Response	Response Status W			Proposed	Respo	onse	Response Status W		
PROP	POSED ACCEPT	IN PRINCIPLE.						IN PRINCIPLE. 50GBASE-BR20, change OR	L from 15.3 dB	into 15 dB.
all col	umns with a note	e the row for "TDECQ – 10log c, "Ceq is a coefficient define ise enhancement."								

In this way the specification for 50 Gb/s PMDs in Clause 160 remain consistent with those in Clause 139.

C/ 160	SC 160.6.1	P 125	L 38	#
Wang, Ru	охи	Huawei		
Commont	Tumo T	Commont Status		

Comment ID