	FM	P <b>1</b>	L <b>28</b>	# 117	CI 30	SC 30	.5.1.1.2	P15		L <b>17</b>	# 123
Dawe, Piers		Nvidia			Dawe, Pie	rs		Nvidia			
Comment Type	Е	Comment Status A		editorial	Comment	Туре в	E	Comment Status	र		quick review
Woring											hen about a hundred
SuggestedRemed	ły							n the BASE-BX, BAS I like that, Writing "o			E-PQ and BASE-1
Working					reader	that it's b	idirection	al. In any case, Ĕth	ernet PHYs a	are always b	oidirectional, even
Response		Response Status C					m isn't. F	lere we are talking a	bout MAUs v	which are lil	ke PHYs.
ACCEPT.					Suggested	,					
C/ 00 SC	0	P11	L 54	# 65				pject title and the ab use a medium bidir			
Wienckowski. Nat	-	IVN Solutions	• •	# 03				e would need to add			
Comment Type	ER	Comment Status A	LLC	contents	Response			Response Status	2		
Missing table				coments	REJE	CT.					
		omment #258 on D2.0. The	comment resolu	tion was "ACCEPT"		2.0 comm					
but the table l			comment resolu	ION WAS AOOEI I,		nse to D2			<b>6</b>		
SuggestedRemed	łv							tion, remove hypher previous BiDi descr			
00		and insert after the introduct	orv material and	before Clause 30	Wante		quirea ior	providuo BiBi desor		00.0.	
Response		Response Status <b>C</b>									
ACCEPT IN F		,									
	=	medy with editorial license.									
Implement su	00	,	/ 16	# 122							
Implement su	30.5.1.1.2	P15	L16	# 122							
Implement su Cl 30 SC Dawe, Piers	30.5.1.1.2	P <b>15</b> Nvidia	L16								
Implement su Cl 30 SC Dawe, Piers Comment Type So that the re	30.5.1.1.2 E viewers car	P15 Nvidia Comment Status A n confirm that the new mater		format							
Implement su Cl 30 SC Dawe, Piers Comment Type So that the re the correct sty	30.5.1.1.2 E viewers car	P15 Nvidia Comment Status A n confirm that the new mater		format							
Implement su Cl 30 SC Dawe, Piers Comment Type So that the re the correct sty SuggestedRemed	<b>30.5.1.1.2</b> E viewers car yle (D2.0 cc	P15 Nvidia Comment Status A n confirm that the new mater	ial is inserted in	format							
Implement su Cl 30 SC Dawe, Piers Comment Type So that the re the correct sty SuggestedRemed Please show	<b>30.5.1.1.2</b> E viewers car yle (D2.0 cc	P15 Nvidia Comment Status A n confirm that the new mater omment 136): fore and one after the new m	ial is inserted in	format							
Implement su Cl 30 SC Dawe, Piers Comment Type So that the re the correct sty SuggestedRemed	30.5.1.1.2 E viewers car yle (D2.0 cc dy one row be	P15 Nvidia Comment Status A n confirm that the new mater mment 136): fore and one after the new m Response Status C	ial is inserted in	format							

C/ 30 SC 30.5.1.1.2

C/ <b>45</b>	SC 45.2.1.6	P <b>16</b>	L10	# 61	C/ 45	SC 45.2.1.6	P <b>16</b>	L 29	# 120
Zimmerma	an, George	ADI,APLgp,Ci	sco,Marvell,OnS	Semi,Sony,SenTekse	Dawe, Pie	rs	Nvidia		
	g instruction reads	Comment Status <b>A</b> s 'as amended by IEEE Std 8 ch hasn't even entered workir				t the reviewers of	Comment Status <b>A</b> can confirm that the new mate vithout using a code that's alre		
been i made beyon amene most r was a by dj o	in response to cor in 802.3dj, it mere d the editing instru- ded is ADDED by recent amendmen Iready inserted by	nment 146, but comment 146 ely pointed out dj was extendi uction - the line "10101xxx = the d1.5 of dj Further, the tt I know of, 802.3df, since it s v 802.3df, nor with 802.3dj, be ation with the completed and	didn't call for build ing the space. The reserved" which edit isn't even fushows 11xxxxxx ecause that show	uilding off of edits ne error appears to go is struck out and ully consistent with the as an insert, and that vs 1011xxxx inserted	Suggested Please 1 0 1 0 There 7 6 5 4	Remedy show the sub-r 0 0 0 1 1 = 1.6TE is no sub-row at 1 3 2 1 0 of 802.3dj so sh	ows below and above, if any. BASE-DR8-2 PMA/PMD bove. However, the top sub-ro nould not be underlined. Response Status <b>C</b>	In this case, the	
Suggested Consu	ullt with WG leader	rship on amendment order.	Assuming there ;	are no other drafts		PT IN PRINCIPI nent suggested	LE. remedy with editorial license.		
"(as a	mended by IEEE	nt which change Table 45-7, Std 802.3df-2024)" -7, to reflect the state of the ta			C/ <b>45</b>	SC <b>45.2.1.8</b> ski, Natalie	P <b>17</b> IVN Solutions	L <b>22</b>	# 66
rows Retair Repla and ke	n 1011 x x x x = re ce 10101x x x = r eep remaining inse	n: the bit numbers (7 6 5 4 3 served row with underscore reserved, with "1 0 1 x x x x rerted rows (101011xx and be	= reserved"(in s low) as in draft.	trikeout)	Suggested	ause 45.2.1.8.1 s <i>IRemedy</i> re subclause 45.	Comment Status R should not have been removed 2.1.8.1 Response Status C	d as Table 45-12	cross-ref 2 is in this subclause.
appro Response	priately)	after 802.3df that edit this ta <i>Response Status</i> <b>C</b>	ole, adjust editin	g instruction and edits			45.2.1.8, not 45.2.1.8.1. 42.		
		⊑. emedy with editorial license.			CI <b>45</b>	SC 45.2.1.3	3 P18	L <b>24</b>	# 121
C/ 45	SC 45.2.1.6	P <b>16</b>	L13	# 118	Dawe, Pie	rs	Nvidia		
Dawe, Pie		Nvidia			Comment	Туре Е	Comment Status A		format
Comment	Туре Е	Comment Status A		editorial			can confirm that the new mate without using a bit that's alread		
2regis	ster				Suggested	IRemedy			
	dRemedy				1.35.5	50GBASE-BR4	below and above, if any. In th 0-U ability e is included anyway.	iis case, the row	<i>i</i> before begins
Suggested 2 regis Response		Response Status <b>C</b>							

 TYPE: TR/technical required ER/editorial required GR/general required T/technical E/editorial G/general
 C/ 45

 COMMENT STATUS: D/dispatched A/accepted R/rejected
 RESPONSE STATUS: O/open W/written C/closed U/unsatisfied Z/withdrawn
 SC 45.2.1.33

 SORT ORDER: Clause, Subclause, page, line
 SUBCLAUSE
 SC 45.2.1.33

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2025/7/5 10:49:38

C/ <b>56</b>	SC 56.1	1.1.1	P <b>2622</b>	LO	# 105	C/ <b>56</b>	SC	56.1.3	P <b>2630</b>	LO	# 107
Dawe, Pie	ers		Nvidia			Dawe, Pie	ers		Nvidia		
Comment	Туре Е		Comment Status A		new	Comment	Туре	Е	Comment Status A		new
			RS-FEC, and PMA sublayers	are used to su	pport a bit rate of 50		56-2, N 0GBAS		ure and clause correlation for F	P2P systems,	includes 25GBASE-BR
	as defined in aren't defin		e 160. e, they are specified - but for	consistency		Suggeste	dReme	dy			
Suggested				concloserioy,					for 100GBASE-BR. I 59 could be reduced to one e	ach to save s	space.
	00GBASE-I as defined in		RS-FEC, and PMA sublayers	s are used to s	upport a bit rate of 100		EPT IN I	PRINCIPL			
Response	)		Response Status C				ment st	iggested f	emedy with editorial license.		
						C/ 80	SC	80.1.3	P <b>21</b>	L17	# 129
Impler	ment sugge	sted re	medy with editorial license.			Dawe, Pie	ers		Nvidia		
CI 56	SC 56.1	1.3	P <b>2624</b>	LO	# 106	Comment	Туре	Е	Comment Status A		quick review
Dawe, Pie	ers		Nvidia			In "Cl 80-1	ause 16	68 for 1000	GBASE-BRx", BRx is not introd	uced and it d	oes not appear in Table
Comment	Type E		Comment Status A		new		dDama	ah i			
After t	the paragra	ph for 5	OGBASE-BR			Suggeste		•	anation to 80.1.4		
Suggested	dRemedy										
Add a	similar one	for 10	)GBASE-BR			Response		PRINCIPL	Response Status C		
			Response Status <b>C</b>  medy with editorial license.			Imple	ment si ge "100	uggested r	E. emedy with editorial license. Rx" to "100GBASE-BR10, 100	GBASE-BR2	0, and 100GBASE-
CI 56	SC 56.1	1.3	P <b>2627</b>	LO	# 104	-					
Dawe, Pie	ers		Nvidia								
Comment	Туре Е		Comment Status A		new	,					
	56-1, Sumr 0GBASE-BI		EFM Physical Layer signalin	g systems, incl	udes 25GBASE-BR						
Suggested	dRemedy										
			ASE-BR after 50GBASE-BR4 ge makes it longer, split the ta								
Response	,		Response Status C								
	EPT IN PRIN		medy with editorial license.								

C/ 80 SC 80.1.3

C/ 80	SC 80.1.4	P <b>20</b>	L <b>27</b>	# 124	C/ 80	SC	80.1.5	P <b>21</b>	L <b>22</b>	# 126
Dawe, Pie	ers	Nvidia			Dawe, Pi	ers		Nvidia		
	ir to D2.0 comme	<i>Comment Status</i> <b>A</b> ent 159 "This is a long table a sequential change."	and this amendme	<i>quick review</i> ent makes it longer, so	Commen Missi		<b>E</b> n Table 80	Comment Status A -5		editoria
Suggested		sequential change.			Suggeste		•			
	•	o/s and 100 Gb/s PHYs, into	two tables,			,	n each co	umn of 168		
and	/s PHYs ib/s PHYs				Response ACCI			Response Status C		
Chang	ge the sentence	Physical Layer devices listed	d in Table 80-1 ar	e defined for operation	C/ 80	SC	80.1.5	P <b>21</b>	L <b>23</b>	# 127
		o/s." to "Physical Layer device Physical Layer devices listed			Dawe, Pi	ers		Nvidia		
at 100	) Gb/s." Move th	e first (40G) sentence earlier			Commen	t Type	Е	Comment Status A		quick review
Response	ASE-T.	Response Status <b>C</b> F			down		mal for 45	ntries in Table 56-1, Table 5 ) and Table 80-2. The stand		
Implei	ment suggested	remedy with editorial license.			Suggeste	dReme	dy			
Split T PHYs		vo tables, Table 80-1 for 40 G	Sb/s PHYs and Ta	able 80-1a for 100 Gb/s	Re-o	rder this	from 10-D	20-D 40-D 10-U 20-U 40-U	to 10-D 10-U 20	)-D 20-U 40-D 40-U.
	•				Response	e		Response Status C		
Cl <b>80</b> Dawe, Pie	SC 80.1.4 ers	P <b>20</b> Nvidia	L <b>38</b>	# 125	Imple	ement su	PRINCIPL uggested r	E. emedy with editorial license. 3, 157-4, 157-5, and 157-6 a	are also required	
Comment	51	Comment Status A	0 0 T-11- 45 07	quick review		-				
down"	are the order of as normal for 45	entries in Table 56-1, Table 5 5) and Table 80-1. The stand	b-3, Table 45-37 dard order is rate-	(which is "upside reach-width, then it	C/ 80		80.2.3	P <b>21</b>	L <b>42</b>	# 128
	s D then U.	-,			Dawe, Pi		_	Nvidia		
Suggested	dRemedy				Commen		E	Comment Status A	fan 00 kma and 1	quick review
Re-or	der this from 10-I	D 20-D 40-D 10-U 20-U 40-U	to 10-D 10-U 20-	D 20-U 40-D 40-U.	As 10 20, 4		E-LRTIST	or 10 km, 100GBASE-ZR is	TOP 80 km, and 1	UUGBASE-BR IS IOF 10,
Response	,	Response Status C			Suggeste	dReme	dv			
Implei		remedy with editorial license.			Chan	ige "100	GBASE-L	R1, 100GBASE-ZR, and 100 and 100GBASE-ZR PHYs"	)GBASE-BRx PH	IYs" to "100GBASE-
Chang	ges to Table 157	-2 and other related tables ar	e also required.		Response	е		Response Status C		
					ACCI	EPT.				

TYPE: TR/technical required ER/editorial required GR/general required T/technical E/editorial G/general COMMENT STATUS: D/dispatched A/accepted R/rejected RESPONSE STATUS: O/open W/written C/closed U/unsatisfied Z/withdrawn SORT ORDER: Clause, Subclause, page, line

C/ 80 SC 80.2.3

C/ 80 SC 80.2.5	P <b>21</b>	L51	# 71	CI 80	SC 80.4	P <b>22</b>	L <b>6</b>	# 108
Wienckowski, Natalie	IVN Solutions	S LLC		Dawe, Piers		Nvidia		
Comment Type ER	Comment Status A		external	Comment Ty	be E	Comment Status A		quick review
As comment #235 o	on D2.0 stated: References to ex	ternal points not	properly indicated.		(	ccepted with editorial license):	,	<b>,</b>
SuggestedRemedy					ts, is a long l ential change	able and this amendment mak	es it longer, so	it should make the
	g of "External" to: Clause 84, Cl		92, Clause 95, Clause	SuggestedRe	0			
	ause 140, Clause 154, and Clau	ıse 163.		00	2	, Sublayer delay constraints fo	or 40Gb/s PHYs	and Sublaver delay
Response	Response Status C					s PHYs. Then footnotes a and		
ACCEPT IN PRINC	IPLE. ed remedy with editorial license.			Response		Response Status C		
					IN PRINCIP			
C/ 80 SC 80.2.5		L <b>52</b>	# 72			remedy with editorial license. wo tables, Table 80-7 for 40Gb	s and Table 8	0-7a for 100Gb/s
Wienckowski, Natalie	IVN Solutions	s LLC		· · ·				
Comment Type E	Comment Status A		cross-ref		SC 80.4	P <b>22</b>	L12	# 74
broken link				Wienckowski	, Natalie	IVN Solutions	LLC	
,				Comment Ty		Comment Status A		
SuggestedRemedy fix the link to "Claus	e 168" as it is in the document.			51		Comment Status A D2.0 stated: References to ex	ternal points no	
fix the link to "Claus Response	e 168" as it is in the document. <i>Response Status</i> <b>C</b>			As comm SuggestedRe	ent #235 on emedy	D2.0 stated: References to ex	·	
fix the link to "Claus				As comm SuggestedRe	ent #235 on emedy		·	external t properly indicated.
fix the link to "Claus Response	Response Status C	L <b>52</b>	# 73	As comm SuggestedRe Apply a c Response	nent #235 on emedy haracter tag	D2.0 stated: References to ex of "External" to: 140.3 and 88. <i>Response Status</i> <b>C</b>	·	
fix the link to "Claus Response ACCEPT. Cl 80 SC 80.2.5	Response Status C		# [73	As comm SuggestedRe Apply a c Response ACCEPT	ent #235 on emedy haracter tag	D2.0 stated: References to ex of "External" to: 140.3 and 88. <i>Response Status</i> <b>C</b> LE.	·	
fix the link to "Claus Response ACCEPT. C/ 80 SC 80.2.5 Wienckowski, Natalie	Response Status C		# [73 editorial	As comm SuggestedRe Apply a c Response ACCEPT Implemen	ent #235 on emedy haracter tag IN PRINCIP nt suggested	D2.0 stated: References to ex of "External" to: 140.3 and 88. <i>Response Status</i> <b>C</b> LE. remedy with editorial license.	3.1.	t properly indicated.
fix the link to "Claus Response ACCEPT. C/ 80 SC 80.2.5 Wienckowski, Natalie	Response Status C P21 IVN Solutions Comment Status A			As comm SuggestedRe Apply a c Response ACCEPT Implemen	ent #235 on emedy haracter tag	D2.0 stated: References to ex of "External" to: 140.3 and 88. <i>Response Status</i> <b>C</b> LE.	·	
fix the link to "Claus Response ACCEPT. Cl 80 SC 80.2.5 Wienckowski, Natalie Comment Type E There is an extra "at	Response Status C P21 IVN Solutions Comment Status A			As comm SuggestedRe Apply a c Response ACCEPT Implemen	emet #235 on emedy character tag IN PRINCIP nt suggested SC <b>80.7</b>	D2.0 stated: References to ex of "External" to: 140.3 and 88. <i>Response Status</i> <b>C</b> LE. remedy with editorial license.	3.1. <i>L</i> <b>38</b>	t properly indicated.
fix the link to "Claus Response ACCEPT. Cl 80 SC 80.2.5 Wienckowski, Natalie Comment Type E There is an extra "a	Response Status C P21 IVN Solutions Comment Status A nd" in the sentence.			As comm SuggestedRe Apply a c Response ACCEPT Implemen Cl 80 Wienckowski Comment Typ	ent #235 on emedy character tag IN PRINCIP nt suggested SC <b>80.7</b> , Natalie pe <b>E</b>	D2.0 stated: References to ex of "External" to: 140.3 and 88. <i>Response Status</i> <b>C</b> LE. remedy with editorial license. <i>P</i> 23	3.1. <i>L</i> <b>38</b>	t properly indicated.
fix the link to "Claus Response ACCEPT. Cl 80 SC 80.2.5 Wienckowski, Natalie Comment Type E There is an extra "au SuggestedRemedy Remove the "and" a	Response Status C P21 IVN Solutions Comment Status A nd" in the sentence.			As comm SuggestedRe Apply a c Response ACCEPT Implemen C/ 80 Wienckowski	ent #235 on emedy character tag IN PRINCIP nt suggested SC <b>80.7</b> , Natalie pe <b>E</b>	D2.0 stated: References to ex of "External" to: 140.3 and 88. <i>Response Status</i> <b>C</b> LE. remedy with editorial license. <i>P</i> <b>23</b> IVN Solutions	3.1. <i>L</i> <b>38</b>	t properly indicated.
fix the link to "Claus Response ACCEPT. Cl 80 SC 80.2.5 Wienckowski, Natalie Comment Type E There is an extra "au SuggestedRemedy Remove the "and" a	Response Status C P21 IVN Solutions Comment Status A nd" in the sentence.			As comm SuggestedRe Apply a c Response ACCEPT Implemen C/ 80 Wienckowski Comment Tyj broken lit SuggestedRe	ent #235 on emedy tharacter tag IN PRINCIP nt suggested SC 80.7 , Natalie be E nk emedy	D2.0 stated: References to ex of "External" to: 140.3 and 88. <i>Response Status</i> <b>C</b> LE. remedy with editorial license. <i>P</i> 23 IVN Solutions <i>Comment Status</i> <b>A</b>	3.1. <i>L</i> <b>38</b>	t properly indicated.
fix the link to "Claus Response ACCEPT. Cl 80 SC 80.2.5 Wienckowski, Natalie Comment Type E There is an extra "and SuggestedRemedy Remove the "and" a Response	Response Status C P21 IVN Solutions Comment Status A nd" in the sentence.			As comm SuggestedRe Apply a c Response ACCEPT Implemen C/ 80 Wienckowski Comment Tyj broken lin SuggestedRe fix the Cla	ent #235 on emedy tharacter tag IN PRINCIP nt suggested SC 80.7 , Natalie be E nk emedy ause 45 link	D2.0 stated: References to ex of "External" to: 140.3 and 88. <i>Response Status</i> <b>C</b> LE. remedy with editorial license. <i>P23</i> IVN Solutions <i>Comment Status</i> <b>A</b> as it is in the document.	3.1. <i>L</i> <b>38</b>	t properly indicated.
fix the link to "Claus Response ACCEPT. Cl 80 SC 80.2.5 Wienckowski, Natalie Comment Type E There is an extra "and SuggestedRemedy Remove the "and" a Response	Response Status C P21 IVN Solutions Comment Status A nd" in the sentence.			As comm SuggestedRe Apply a c Response ACCEPT Implemen Cl 80 Wienckowski Comment Tyj broken lin SuggestedRe fix the Cli Also, cha	ent #235 on emedy tharacter tag IN PRINCIP nt suggested SC 80.7 , Natalie be E nk emedy ause 45 link	D2.0 stated: References to ex of "External" to: 140.3 and 88. <i>Response Status</i> <b>C</b> LE. remedy with editorial license. <i>P23</i> IVN Solutions <i>Comment Status</i> <b>A</b> as it is in the document. the to a non-breaking space.	3.1. <i>L</i> <b>38</b>	t properly indicated.
fix the link to "Claus Response ACCEPT. Cl 80 SC 80.2.5 Wienckowski, Natalie Comment Type E There is an extra "and SuggestedRemedy Remove the "and" a Response	Response Status C P21 IVN Solutions Comment Status A nd" in the sentence.			As comm SuggestedRe Apply a c Response ACCEPT Implemen C/ 80 Wienckowski Comment Tyj broken lin SuggestedRe fix the Cla	emet #235 on emedy character tag TIN PRINCIP nt suggested SC 80.7 , Natalie oe E nk emedy ause 45 link a inge the space	D2.0 stated: References to ex of "External" to: 140.3 and 88. <i>Response Status</i> <b>C</b> LE. remedy with editorial license. <i>P23</i> IVN Solutions <i>Comment Status</i> <b>A</b> as it is in the document.	3.1. <i>L</i> <b>38</b>	t properly indicated.

C/ 80

SC 80.7

E 802.3dk D2.1 Bidirectional 100Gb/s C	ptical Access PHYs 1st Working	g Group recirculation ballot comme

	o			"		00.04.5.0.0	Do /	/ 4	
	C 80.7	P <b>23</b>	L <b>38</b>	# 76	C/ 91	SC 91.5.3.3	P <b>24</b>	L <b>35</b>	# 77
Vienckowski, N	Vatalie	IVN Solutions I	LC		Wienckows	ski, Natalie	IVN Solutions	LLC	
Comment Type		Comment Status A		external	Comment	51	Comment Status A		externa
As commer	nt #235 on D2	2.0 stated: References to exte	rnal points not	properly indicated.	As con	nment #235 on	D2.0 stated: References to ext	ernal points no	t properly indicated.
SuggestedRem	edy				Suggested	Remedy			
		"External" to: Clause 73, Clau			Apply a	a character tag	of "External" to "91.6.8".		
95, Clause 163.	135, Clause	138, Clause 140, Clause 152	, Clause 154, C	lause 161, and Clause	Response		Response Status C		
Response		Response Status C				PT IN PRINCIP	LE. remedy with editorial license.		
	N PRINCIPLE suggested re	 medy with editorial license.			C/ 91	SC 91.5.3.3	P <b>24</b>	L <b>36</b>	# 78
C/ 91 S	C 91.5.2.7	P <b>24</b>	L11	# 119	Wienckows	ski, Natalie	IVN Solutions	LLC	
Dawe. Piers		Nvidia			Comment	Type ER	Comment Status A		externa
Comment Type	Е	Comment Status A		guick review	As con	nment #235 on	D2.0 stated: References to ext	ernal points no	t properly indicated.
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	_	802.3ck-2022		quick review	Suggested	Remedy			
		002.008-2022			Apply a	a character tag	of "External" to "91.6.1".		
SuggestedRem		802.3db-2022 and IEEE Std	902 20k 2022		Response		Response Status <b>C</b>		
	several place		002.3CK-2022		ACCEI	PT IN PRINCIP	,		
Response		Response Status <b>C</b>			Implem	nent suggested	remedy with editorial license.		
, ACCEPT IN		,			C/ 91	SC 91.6.3	P <b>25</b>	L19	# 79
Implement	suggested re	medy with editorial license.			Wienckows	ski Natalie	IVN Solutions		
C/91 S	C 91.5.2.7	P <b>24</b>	L14	# 109	Comment	,	Comment Status A	220	externa
Dawe, Piers		Nvidia					D2.0 stated: References to ext	ernal points no	
Comment Type	Е	Comment Status A		editorial	Suggested	Remedy		•	
51		BASELR1,100GBASE-CR1			••	-	of "External" to "91.5.2.6".		
Similarly, 1	00GBASEVR	1, 100GBASELR1 and 100G	BASEBR10 (tw	ice) in 91.5.3.3,	Response	a character tag			
SuggestedRem	edy					PT IN PRINCIP	Response Status C		
100GBASE and so on	-VR1 1000	GBASE-LR1, 100GBASE-CR	1				remedy with editorial license.		
Response		Response Status C							
, ACCEPT.		,							

C/ 91 SC 91.6.3

C/ 91	SC 91.6.3	P <b>25</b>	L <b>25</b>	# 80	C/ 91	SC 91.7.4.2	P <b>28</b>	L <b>22</b>	# 84
Nienckows	ski, Natalie	IVN Solutions	LLC		Wienckowsl	ki, Natalie	IVN Solution	ons LLC	
Comment 7	••	Comment Status A 02.0 stated: References to ex	ternal noints not	external	Comment T broken l	•	Comment Status A		cross-i
				property maleated.					
Suggestedl Apply a	•	f "External" to "45.2.1.116".			SuggestedF fix the 9	-	it is in the document.		
	PT IN PRINCIPL nent suggested r	Response Status <b>C</b> E. emedy with editorial license.			Response ACCEP	Τ.	Response Status C		
C/ 91	SC 91.7.4.1	P <b>27</b>	L13	# 81	C/ 91	SC 91.7.4.2	P <b>28</b>	L <b>37</b>	# 85
Wienckows		IVN Solutions			Wienckowsl	<i>.</i>	IVN Solution	ons LLC	
Comment 7 broken	Type E	Comment Status A		cross-ref	Comment Ty broken I	•	Comment Status A		cross-r
Suggestedl	Remedy				<i>SuggestedF</i> fix the 9	•	it is in the document.		
	91.5.2.7 link as i	t is in the document.			Response		Response Status C		
Response ACCEF	PT.	Response Status C			ACCEP	Т.			
C/ 91	SC 91.7.4.1	P <b>27</b>	L18	# 82					
Wienckows	ski, Natalie	IVN Solutions	LLC						
Comment 7 broken	•••	Comment Status A		cross-ref					
Suggestedl fix the §		t is in the document.							
Response		Response Status C							
ACCEF									
C/ 91	SC 91.7.4.2	P <b>28</b>	L <b>7</b>	# 83					
Wienckows	ski, Natalie	IVN Solutions	LLC						
Comment 7 broken	•••	Comment Status A		cross-ref					
Suggestedl fix the §	•	t is in the document.							
Response	PT.	Response Status C							

TYPE: TR/technical required ER/editorial required GR/general required T/technical E/editorial G/general COMMENT STATUS: D/dispatched A/accepted R/rejected RESPONSE STATUS: O/open W/written C/closed U/unsatisfied Z/withdrawn SORT ORDER: Clause, Subclause, page, line

C/ 91 SC 91.7.4.2 Page 7 of 28 2025/7/5 10:49:39

C/ 135 SC	135.5.7	P <b>29</b>	LO	# 110	C/ 157	SC 157.1.4	P <b>31</b>	L <b>28</b>	# 87
Dawe, Piers		Nvidia			Wienckow	/ski, Natalie	IVN Solutions	LLC	
There are pre	s allowed as an ecoder enable re	egisters (1.600 to 1.603			Comment As col Suggested	mment #235 on I	Comment Status <b>A</b> D2.0 stated: References to ex	ternal points not	<i>external</i> t properly indicated.
and let the ne	etwork operator	(1.605) registers, but w choose when to use pr negotiated during Trai	recoding (unlike (	coder ability registers CR/KR where precoder	Apply	a character tag	of "External" to: Table 157-3, 1	Table 157-4, and	d Table 157-5.
		ed or used in one or bo		default) neither.	Response		Response Status C		
SuggestedRemed	dy					PT IN PRINCIPL	.E. remedy with editorial license.		
network operation	ator according t			·	C/ 157	SC 157.2.1	P31	L <b>46</b>	# 88
BRx PMD, or		bugBASE-R or 100GB	ASE-R PMD that	", insert "a 100GBASE-	Wienckow	/ski, Natalie	IVN Solutions	LLC	
To make wha connected to	at is already a lo 100GBASE-BR		ce clearer, lay it c	ut as a bulleted list:	Comment As co		Comment Status A D2.0 stated: References to ex	ternal points not	<i>external</i> t properly indicated.
are part of a (	PMD that inclue	des, or			Suggested	dRemedy			
Change					Apply	a character tag o	of "External" to: Table 157-3, 1	Table 157-4, and	d Table 157-5.
optionally pro to:	ovide 1/(1+D) m	D) mod 4 precoding ca od 4 decoding capabilit vide 1/(1+D) mod 4 dec	ty on each input l			PT IN PRINCIPL	Response Status <b>C</b> .E. remedy with editorial license.		
PMA shall pro	ovide 1/(1+D) m	od 4 precoding capabil ce interface of a 100GI	lity on each outp	ut lane, except a PMA	C/ 157	SC 157.2.2	P31	L <b>54</b>	# 89
such a capab					Wienckow	/ski, Natalie	IVN Solutions	LLC	
Modify PICS Add two prec		in MDIO, one for Tx an	nd one for Rx.		Comment	Type ER	Comment Status A		external
Response	Re	sponse Status <b>C</b>			As co	mment #235 on I	02.0 stated: References to ex	ternal points not	t properly indicated.
ACCEPT IN F					Suggestee	•			
		optional to implement a y with editorial license.			Apply	a character tag o	of "External" to: Table 157-3, 1	Fable 157-4, and	d Table 157-5.
D2.0 commer		,			Response		Response Status C		
C/ 157 SC	157.1.2	P <b>29</b>	L33	# 86		PT IN PRINCIPL	.E. remedy with editorial license.		
Wienckowski, Na	talie	IVN Solutions	s LLC						
Comment Type broken link	E Co	omment Status A		cross-ref					
SuggestedRemed	dy								
fix the 80.1.3	link as it is in th	e document.							
		sponse Status <b>C</b>							

TYPE: TR/technical required ER/editorial required GR/general required T/technical E/editorial G/general COMMENT STATUS: D/dispatched A/accepted R/rejected RESPONSE STATUS: O/open W/written C/closed U/unsatisfied Z/withdrawn SORT ORDER: Clause, Subclause, page, line

C/ 157 SC 157.2.2 Page 8 of 28 2025/7/5 10:49:39

CI 157 SC 157.2.2	P <b>32</b>	L <b>8</b>	# 91	C/ 157	SC 157.2.4	P <b>32</b>	L <b>50</b>	# 94
Wienckowski, Natalie	IVN Solutions L	LC		Wienckow	ski, Natalie	IVN Solutions	3 LLC	
Comment Type E broken link	Comment Status A		cross-ref	Comment As cor		Comment Status <b>A</b> D2.0 stated: References to ex	ternal points not	<i>external</i> t properly indicated.
SuggestedRemedy				Suggested	Remedy			
Fix the 168 link as it is	in the document, and make it b	ack.		Apply	a character tag o	of "External" to: Table 157-3, <sup>-</sup>	Table 157-4, and	d Table 157-5.
Response ACCEPT.	Response Status C				PT IN PRINCIPL	Response Status <b>C</b> .E. remedy with editorial license.		
CI 157 SC 157.2.2	P <b>32</b>	L <b>8</b>	# 90	C/ 157	SC 157.2.4	P32	L51	# 95
Wienckowski, Natalie	IVN Solutions L	LC			ski, Natalie	IVN Solutions	•••	# 95
SuggestedRemedy	Comment Status A D2.0 stated: References to extern of "External" to: 120F and 120G	nal points no	external t properly indicated.	Comment broker Suggested	Type E I link Remedy	Comment Status A		cross-ref
Response ACCEPT IN PRINCIP Implement suggested	Response Status <b>U</b> LE. remedy with editorial license.			fix the Response ACCE		as it is in the document. <i>Response Status</i> <b>C</b>		
CI 157 SC 157.2.3	P <b>32</b>	L <b>36</b>	# 93	CI 157	SC 157.2.5	P33	L <b>5</b>	# 96
Wienckowski, Natalie	IVN Solutions L	LC		Wienckow	ski, Natalie	IVN Solutions	S LLC	
Comment Type E broken link	Comment Status A		cross-ref	Comment As cor		Comment Status A 02.0 stated: References to ex	ternal points not	<i>external</i> t properly indicated.
SuggestedRemedy fix the Table 157-6 linl	as it is in the document.			Suggested Apply		of "External" to: Table 157-3, <sup>-</sup>	Table 157-4, and	d Table 157-5.
Response ACCEPT.	Response Status C				PT IN PRINCIPL	Response Status <b>C</b> .E. remedy with editorial license.		
C/ 157 SC 157.2.3	P <b>32</b>	L <b>36</b>	# 92	C/ 157	SC 157.2.5	P33	L <b>5</b>	# 97
Nienckowski, Natalie	IVN Solutions L	LC			ski, Natalie	IVN Solutions		
Comment Type ER As comment #235 on	Comment Status A D2.0 stated: References to exte	rnal points no	<i>external</i> t properly indicated.	Comment broker	Type E	Comment Status A		cross-ref
SuggestedRemedy Apply a character tag	of "External" to: Table 157-3, Ta	ble 157-4, and	d Table 157-5.	Suggested	Remedy	and the face where a first state of the		
Response ACCEPT IN PRINCIP Implement suggested	Response Status <b>C</b> LE. remedy with editorial license.			fix the <i>Response</i> ACCE		as it is in the document. Response Status <b>C</b>		
•	ed ER/editorial required GR/ge spatched A/accepted R/rejecte ubclause, page, line	•	6		U/unsatisfied Z	/withdrawn SC 15		Page 9 of 28 2025/7/5 10:49:3

C/ 157 SC 157.3	P <b>33</b> L	21 # 98	3	C/ 157	SC 157.4.2	P <b>33</b>	L <b>49</b>	# 101
Wienckowski, Natalie	IVN Solutions LLC			Wienckows	ski, Natalie	IVN Solutions	LLC	
Comment Type ER Comment	Status A		external	Comment	Туре Е	Comment Status A		externa
As comment #235 on D2.0 stated: R	eferences to external p	oints not properly ind	icated.	As con	nment #235 on I	D2.0 stated: References to exte	ernal points not	properly indicated.
SuggestedRemedy				Suggested	Remedy			
Apply a character tag of "External" to	o "80.3".			Apply a	a character tag o	of "External" to "Figure 80-8" ar	nd "Figure 116-	5".
Response Response	Status U			Response		Response Status C		
ACCEPT IN PRINCIPLE. Implement suggested remedy with e	ditorial license.				PT IN PRINCIPL	.E. remedy with editorial license.		
C/ 157 SC 157.4.2	P <b>33</b> L	48 # 10	00	C/ 157	SC 157.6	P <b>34</b>	L12	# 111
Wienckowski, Natalie	IVN Solutions LLC	_		Dawe, Pier	s	Nvidia		
Comment Type ER Comment As comment #235 on D2.0 stated: R		oints not properly ind	<i>external</i> icated.	Comment T Add 10	<i>Type</i> <b>E</b> 00G clauses	Comment Status A		quick review
SuggestedRemedy Apply a character tag of "External" to	9 "116.5".			Suggested Add 81		nsider if 90 (time sync) should	be added, here	and in Table 168-1.
Response Response ACCEPT IN PRINCIPLE. Implement suggested remedy with end	-			Implem		Response Status <b>C</b> E. remedy with editorial license. 57.6 and Table 168-1.		
C/ 157 SC 157.4.2	P <b>33</b> L	48 # 99	)					
Wienckowski, Natalie	IVN Solutions LLC	_		C/ 157	SC 157.6	P <b>34</b>	L <b>12</b>	# 68
Comment Type E Comment	Status A		cross-ref	Wienckows	ski, Natalie	IVN Solutions	LLC	
broken link				Comment		Comment Status A		cross-re
SuggestedRemedy				broken				
fix the 80.5 link as it is in the docume	ent.			Suggested	,			
Response Response	Status C			fix the	Clause 45 link a	is it is in the document.		
ACCEPT.				Response ACCE	PT.	Response Status C		

C/ 157 SC 157.6

C/ 157 SC 157.6	P <b>34</b>	L <b>14</b>	# 67	C/ 168 SC 168.1	P <b>35</b>	L <b>34</b>	# 112
Vienckowski, Natalie	IVN Solutions L	LLC		Dawe, Piers	Nvidia		
Comment Type ER	Comment Status A		external	Comment Type E	Comment Status A		quick reviev
As comment #235 or Clause 160 is not in	n D2.0 stated: References to exte this document.	ernal points no	i properly indicated.		83B, 83D and 83D be together? elow, but 162 has 91 above all t		all be above 91 FEC,
SuggestedRemedy				SuggestedRemedy			
Apply a character tag	g of "External" to "Clause 160".			Swap 83 and 91, o	r move 91 to below 83E		
Response	Response Status U			Response	Response Status C		
ACCEPT IN PRINCI	PLE. d remedy with editorial license.			ACCEPT IN PRINC Implement suggest Move 91 to below 8	ed remedy with editorial license.		
C/ <b>168</b> SC <b>168.1</b> Dawe. Piers	Р <b>27</b> Nvidia	L <b>9</b>	# 33	C/ 168 SC 168.1		L35	# 113
comment Type E	Comment Status R		D2.0 unresolved	Dawe, Piers	Nvidia		
	confinent status R		D2.0 unresolved	Comment Type T	Comment Status A		ne
uggestedRemedy Do the same here?				than one way on, o	interleaved FEC. I believe that I ne way off). There is a 100G RS C enable bit (1.200.6).		
Response	Response Status <b>C</b>			SuggestedRemedy			
REJECT.	existing clauses 140 and 160.			In Table 168-1, bel 152—Inverse RS-F		, insert:	
7 168 SC 168.1	P <b>27</b>	L <b>13</b>	# 30	161—RS-FEC-Int ( b Inverse RS-FEC	Optional is required to convert between R	S-FEC and RS-F	EC-Int (see 152.1.2).
Zimmerman, George	ADI,APLgp,Cis	co,Marvell,On	Semi,Sony,SenTekse		een 91 and 135, insert 152 and		
Comment Type <b>T</b>	Comment Status R		D2.0 unresolved	Add a 100G RS-FE 1.201).	C-Int ability bit, e.g. in 45.2.1.11	7 RS-FEC status	register (Register
Physical implementa	tion of the CGMII is optional, but	that is not what	t Figure 168-1 shows.		aying that a network operator car		
				the link to use it.	ining if both ends of the link have	e the ability, and	setting both ends of
SuggestedRemedy		E - Physical im	plementation of CGMII	0	to tables 168-2 and 3.		
,	GMII at line 13. Add text of "NOTE (below PCS).			Resnonse	Rosponso Status C		
Add footnote 1 to CG				Response ACCEPT IN PRINC	Response Status C		

C/ 168	SC 16	B.1	P <b>45</b>	L <b>29</b>	# 69	C/ 168	SC 1	68.5.1	P <b>30</b>	L <b>8</b>	# 1
Vienckow	ski, Natali	е	IVN Solutions I	LC		Ran, Adee			Cisco Systems	, Inc.	
Comment <sup>·</sup>	Туре Е	R	Comment Status A		external	Comment	Туре	TR	Comment Status A		D2.0 unresolve
followi		are not i	oints not properly indicated. n the document: 81, 82, 83, 8 G, and 78.						MD block diagram", but the b /receive path.	lock diagram ir	Figure 168-2 is not of
Suggested	Remedy								prrect heading exists in many new clause.	previous clause	es, but an error should
Apply a	a characte	er tag of	"External" to "Clause 160".						is being used in similar subcla	auses in P802.3	3dj.
Response			Response Status C			Suggested	Remedy	,			
	PT IN PRI		medy with editorial license.			Ũ	e the sul	bclause t	itle from "PMD block diagram	" to "Block diag	ram".
C/ 168	SC 16	R 1	P45	L36	# 70	Response		RINCIPLE	Response Status <b>C</b>		
Wienckows			IVN Solutions I						 emedy with editorial license.		
Comment	,		Comment Status A		cross-ref	C/ 168	SC 1	68.5.1	P30	L38	# 57
broken	link					Dudek. Mil	ke		Marvell		
Suggested	Remedy					Comment	Гуре	Е	Comment Status A		D2.0 unresolve
fix the	link to 91	as it is ir	n the document.			poor E	nglish.				
Response			Response Status C			Suggested	Remedy	,			
ACCE	PT.					Delete	the "be"	in "are r	ot typically be accessible"		
C/ 168	SC 16	8.3.2	P <b>29</b>	L <b>2</b>	# 27	Response			Response Status C		
Zimmerma	n, George	9	ADI,APLgp,Cis	co,Marvell,OnS	semi,Sony,SenTekse				Ξ.		
Comment <sup>·</sup>	-		Comment Status R	, ,-	D2.0 unresolved		mment i nance re		or Clause 160.		
			act. The limitation on the ske			C/ 168	SC 1	68.5.1	P30	L39	# 34
			s in 83.5.3.4 go further and s .4 was mentioned earlier defi			Dawe. Pier		00.3.1	Nvidia	L <b>J J</b>	π 04
			re is where that should be sta			Comment		Е	Comment Status A		D2.0 unresolved
Suggested	Remedy								4 (these test points are not	typically be acc	
			limited to 43 ns as defined b mply with the requirements o		Skew and skew	impler not be	nented sy accessit	ystem)" t ole". Line	out this is outdated. Clause 1 ear optical modules are feasib	67 (100G/lane	VR and SR says "might
Response			Response Status C					not typic	ally be"		
REJEC		0 100 10	under control of DMD	- 110 - 1	· · · ·	Suggested					
	gnal at SP consistent		under control of PMD, so "sh ause 140	all" is inapprop	late.	•	e "are no	ot typical	y be" to "might not be"		
1.000						Response			Response Status C		
						ACCEI	PT.				

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C/ 168	SC 168.5.4	P <b>31</b>	L <b>25</b>	# 35	C/ 168	SC 168.6	P <b>32</b>	L <b>40</b>	# 32
Dawe, Pie	rs	Nvidia			Huber, The	omas	Nokia		
Comment	Туре Т	Comment Status R		D2.0 unresolved	Comment	Туре Т	Comment Status A	.0 u	nresolved (interoperation)
manag indicat	ged the same as i for of the presenc	es have "global" in their name multilane PHYs, saying that S e of the optical signal isn't rea	IGNAL_DETEC		channe that the	el requirements	ning BR40 working with BR20 s are met is helpful, but it seen perates with a BR10 PMD as	ns incomplete. Ñ	/ould is also not be true
Suggested	2				Suggested				
Delete	"global" here and	d in PICS F10				-	ore generic: "A longer reach F	PMD interoperate	es with a shorter reach
Response		Response Status Z					channel requirments of the sho		
REJE	CT.				Response		Response Status C		
This c	omment was WIT	HDRAWN by the commenter				PT IN PRINCIF mment #58.	PLE.		
Keep	consistent with cla	ause 140.			C/ 168	SC 168.6	P <b>32</b>	L <b>40</b>	# 58
C/ 168	SC 168.5.9	P <b>32</b>	L <b>21</b>	# 31	Dudek, Mi	ke	Marvell		
Huber, Th		Nokia			Comment	51	Comment Status A		nresolved (interoperation)
Comment		Comment Status A		D2.0 unresolved			le that the 100GBASE-DR40 I d 100GBASE-BR20 provided t		
	51	s clause is a comma splice.					d 100GBASE-BR20 provided d 100GBASE-BR20 are met.		
Suggested							nts for interoperation between		
Replac PMDs	ce the comma wit , or write it as "Th	h a semicolon, split into two e PMD_receive_fault functior the 100GBASE-BRx-D PMD.'	n is mandatory ir		for inte output	r-operation bet	of minimum losses. Section tween 100GBASE-BR40 and 3 GBASE-BR40 in the off state is rel of -20dBm.	100GBASE-10 a	nd the minimum Tx
Response		Response Status <b>C</b>			Suggested	Remedy			
Chang The 10	, 00GBASE-BRx-U	PMD shall include the PMD				or the inter-ope	channel losses are specified i ration between 100GBASE-Bl		
100GE	BASE-BRX-D PMI	D, the PMD_receive_fault fun	ction is optional.		Response		Response Status C		
C/ 168	SC 168.5.10	P <b>41</b>	L <b>28</b>	# 102		PT IN PRINCIF		400 0 and Ob	
Wienckow	ski, Natalie	IVN Solutions	LLC			e the interopernent with editor	ration related contents in Clau ial license.	se 168.6 and Cla	ause 168.11.
Comment	Type ER	Comment Status A		external	·				
As cor	nment #235 on D	2.0 stated: References to ext	ernal points not	properly indicated.					
Suggested	lRemedy								
Remo <sup>v</sup> "157.5		which goes no where, and ap	ply a character t	ag of "External" to					
Response		Response Status C							
	PT IN PRINCIPLI nent suggested re	E. emedy with editorial license.							
COMMEN	T STATUS: D/dis	d ER/editorial required GR/g patched A/accepted R/rejec oclause, page, line				U/unsatisfied	C/ 1 Z/withdrawn SC 1		Page 13 of 28 2025/7/5 10:49:

C/ 168	SC 168.6	P <b>32</b>	L 53	# 2	C/ 168	SC 168.6.1	P <b>33</b>	L <b>28</b>	# 4
Ran, Adee		Cisco System	s, Inc.		Ran, Adee		Cisco Syste	ms, Inc.	
distance	te a says "The F e". This is not a	Comment Status <b>A</b> RS-FEC correction function man n option, so "may" is inapprop s about optical specifications.			indicate	w for OMA_oute	Comment Status <b>R</b> r (min) in Table 167-7 conta n, as done in the "Receiver s es.		
	vare that the sar over to a new c	ne text exists in many previou lause.	ıs clauses, but aı	n error should not be		rase "for 1.4 dB rtened to improv	<= max(TECQ, TDECQ) <= /e readabilty.	= TDECQ(max)" is	s overly long and can
SuggestedF	Remedy				Suggested	Remedy			
Table 1	68-1, stating "T	Table 168-5, and instead add he option to perform error det ted. FEC error correction shall	ection without er	ror correction (see			arting with "for". max(TECQ, TDECQ) <= TD	DECQ(max)" to "fo	or max(TECQ, TDECQ)
Response		Response Status <b>C</b>			Response		Response Status C		
Delete f	PT IN PRINCIPL footnote a from	Table 168-5.	ation IIThe continu		REJEC Followi		g., Table 183-6).		
Delete f Add a fo	footnote a from ootnote to Table			n to perform error			g., Table 183-6). P <b>33</b>	L36	# 26
Delete f Add a fo detectio	footnote a from ootnote to Table on without error	Table 168-5. 168-1 to the RS-FEC row, st correction (see 91.5.3.3) is no	ot supported.		Followi	SC <b>168.6.1</b>	,	L36	# 26
Delete f Add a fo detectio	footnote a from ootnote to Table	Table 168-5. 168-1 to the RS-FEC row, st correction (see 91.5.3.3) is no P33	L11	n to perform error # 3	Followi	SC <b>168.6.1</b> eter	P33		# 26
Delete f Add a fo detectio C/ <b>168</b> Ran, Adee	footnote a from ootnote to Table on without error SC 168.6.1	Table 168-5. 168-1 to the RS-FEC row, st correction (see 91.5.3.3) is no P33 Cisco System	L11	# 3	Followi C/ <b>168</b> Stassar, Pe Comment T This dr	SC 168.6.1 eter <i>Type</i> ER raft still uses "ov	P <b>33</b> Huawei <i>Comment Status</i> <b>A</b> er/undershoot", In P802.3dj	it was recently ag	solved (over/under shoot)
Delete f Add a fo detectio C/ <b>168</b> Ran, Adee Comment T	footnote a from ootnote to Table on without error SC 168.6.1 Type TR	Table 168-5. = 168-1 to the RS-FEC row, st correction (see 91.5.3.3) is no P33 Cisco System Comment Status R	Ltsupported. L11 s, Inc.	# 3	Followi Cl 168 Stassar, Pe Comment 7 This dr "transn	SC 168.6.1 eter <i>Type</i> ER raft still uses "ov nitter over and u	P <b>33</b> Huawei Comment Status <b>A</b>	it was recently ag	solved (over/under shoot)
Delete f Add a fo detectio C/ <b>168</b> Ran, Adee Comment T The sign	footnote a from ootnote to Table on without error SC 168.6.1 Type TR naling range for	Table 168-5. 168-1 to the RS-FEC row, st correction (see 91.5.3.3) is no P33 Cisco System	Ltsupported. L11 s, Inc.	# 3	Followi CI <b>168</b> Stassar, Pe Comment 7 This dr "transm Suggested	SC 168.6.1 eter Type ER raft still uses "ov nitter over and u Remedy	P33 Huawei Comment Status A er/undershoot", In P802.3dj ndershoot". Also in 168.7,1	inres it was recently ag and 168.7.7	solved (over/under shoot, preed to use
Delete f Add a fc detectio Cl 168 Ran, Adee Comment T The sign ppm, to	footnote a from ootnote to Table on without error SC 168.6.1 Type TR naling range for avoid possible	Table 168-5. a 168-1 to the RS-FEC row, st correction (see 91.5.3.3) is no P33 Cisco System Comment Status R recent PMDs with 100 Gb/s p	<i>L</i> 11 <i>L</i> 11 s, Inc. ber lane has bee	# 3 D2.0 unresolved on narrowed to +/- 50	Followi Cl 168 Stassar, Pe Comment 7 This dr "transn Suggested 168.6.1 In 168.	SC 168.6.1 eter Type ER aft still uses "ov nitter over and u Remedy 1 change "Trans 7.1, Table 168-	P <b>33</b> Huawei <i>Comment Status</i> <b>A</b> er/undershoot", In P802.3dj	inres it was recently ag and 168.7.7 "Transmitter over ot" to "Transmitter	solved (over/under shoot) preed to use rshoot and undershoot".
Delete f Add a fo detectio C/ 168 Ran, Adee Comment T The sign ppm, to The 100 See 800	footnote a from ootnote to Table on without error SC 168.6.1 Type TR naling range for avoid possible 0 Gb/s AUIs def 0GBASE-VR8/S	Table 168-5. a 168-1 to the RS-FEC row, st correction (see 91.5.3.3) is no P33 Cisco System Comment Status R recent PMDs with 100 Gb/s p performance degradatation.	<i>L</i> 11 <i>L</i> 11 s, Inc. Der lane has bee S support this nar 67-7 and Table <sup>2</sup>	# 3 D2.0 unresolved on narrowed to +/- 50 rrower range. 167-8 (both amended	Followi Cl 168 Stassar, Pe Comment T This dr "transm Suggested 168.6.1 In 168. unders	SC 168.6.1 eter Type ER aft still uses "ov nitter over and u Remedy 1 change "Trans 7.1, Table 168- hoot". Change I dershoot". In pa	P33 Huawei Comment Status A er/undershoot", In P802.3dj ndershoot". Also in 168.7,1 mitter over/under -shoot" to 10 change "Over/under-shoot	it was recently ag and 168.7.7 "Transmitter over ot" to "Transmitter er/under-shoot" to	solved (over/under shoot, preed to use rshoot and undershoot". overshoot and "Transmitter overshoot
Delete f Add a fo detectio C/ 168 Ran, Adee Comment T The sign ppm, to The 100 See 800	footnote a from ootnote to Table on without error <i>SC</i> 168.6.1 <i>Type</i> <b>TR</b> naling range for avoid possible 0 Gb/s AUIs def 0GBASE-VR8/S 02.3db) as an ex	Table 168-5. a 168-1 to the RS-FEC row, st correction (see 91.5.3.3) is no P33 Cisco System Comment Status R recent PMDs with 100 Gb/s p performance degradatation. ined in Annex 120F and 120G SR8 PMDs in 802.3df, Table 1	<i>L</i> 11 <i>L</i> 11 s, Inc. Der lane has bee S support this nar 67-7 and Table <sup>2</sup>	# 3 D2.0 unresolved on narrowed to +/- 50 rrower range. 167-8 (both amended	Followi Cl 168 Stassar, Pe Comment T This dr "transn Suggestedl 168.6.1 In 168. unders and un	SC 168.6.1 eter Type ER aft still uses "ov nitter over and u Remedy 1 change "Trans 7.1, Table 168- hoot". Change I dershoot". In pa	P33 Huawei Comment Status A er/undershoot", In P802.3dj ndershoot". Also in 168.7,1 mitter over/under -shoot" to 10 change "Over/under-shoot teading of 168.7.7 from "Over	it was recently ag and 168.7.7 "Transmitter over ot" to "Transmitter er/under-shoot" to	solved (over/under shoot) preed to use rshoot and undershoot". overshoot and "Transmitter overshoot

Response

REJECT.

Response Status C

802.3df uses 100ppm for all single lane PMDs.

C/ 168	SC 168.6.1	P <b>33</b>	L <b>36</b>	# 6	C/ 168	SC 168.6.1	P <b>34</b>	L <b>1</b>	# 5	
Ran, Ade	е	Cisco System	is, Inc.		Ran, Adee	9	Cisco Syster	ms, Inc.		
Comment	Type TR	Comment Status A	inres	olved (over/under shoot)	Comment	Туре Т	Comment Status R		D2.0 unresolve	
The d	efinitions in subc	er -shoot" is shorthand that sh lause 168.7.7 are actually to t r/under-shoot" is not defined	wo different para		Equations 168-1 through 168-3 are not equations - they are expressions that don't mean anything without the context, which is Table 167-7.					
		as been changed to "oversho			lt woul table.	d be a better sei	vice to the reader if these ex	pressions are pl	aced directly in the	
	the definition sub 3.8) instead of old	clause 168.7.7 should be alig ler clauses.	ned with the rec	ent text in 802.3db	Suggested	IRemedy				
Suggested	dRemedy				Move equation	•	ns into Table 168-8, OMA_ou	uter row, replacin	g the references to the	
		vershoot/undershoot (max)". .7.7 to align it with 167.8.8 in	802 3db-2022		Response		Response Status C			
Chan	ge in Table 168–	10 and elsewhere accordingly			REJE0 Follow	CT. dj format, Table	183-6.			
Response		Response Status C				SC 168.6.1		/ 00	11 444	
	PTED IN PRINC omment #26.	IPLE.			Cl 168 Dawe, Pie		P <b>42</b> Nvidia	L <b>29</b>	# 114	
C/ 168	SC 168.6.1	P33	L <b>46</b>	# 36	Comment		Comment Status A		editoria	
Dawe, Pie	ers	Nvidia			Missin	g equation numb	per, non-functioning cross-re	ferences		
Comment	Туре Т	Comment Status R		D2.0 unresolved	Suggested	IRemedy				
		testing some transmitters for			Fix					
		B. The cost in paperwork may	y outweigh any d	ifference in yield.	Response		Response Status C			
Suggester	,				ACCE	PT.				
conse	ervative).	6 to 15 here and in Table 168	-11 (simplifying a	and being	C/ 168	SC 168.6.1	P <b>42</b>	L <b>36</b>	# 115	
		ecome RIN15OMA. ile, the discrete reflectances f	or 100GBASE-B	R10 in Table 168-14	Dawe, Pie	rs	Nvidia			
		I return loss in Table 168-12			Comment	Туре Е	Comment Status A		quick reviev	
that 0. Response		Response Status <b>C</b>				proved readabili MDs	ty, where the parameter limit	s seem likely to r	remain the same for all	
REJE	CT.				Suggestea	IRemedy				
Small	difference exists	in other clauses, such as cla	use 140.				s, merge and straddle the trip reflectance in Table 168-7.	ple entries for tra	nsmitter over/under -	
					Response		Response Status C			
					ACCE	PT.				

C/ 168 SC 16	8.6.1	P <b>42</b>	L 51	# 116	C/ 168	SC	168.6.3	P <b>44</b>	L18	# 62	
Dawe, Piers		Nvidia			Maniloff, E	ric		Ciena			
Comment Type <b>1</b>	Commen	t Status A		quick review	Comment	Туре	TR	Comment Status R		technica	
that in Clause 14 max(1.1, -0.3+m max(-2.3, -3.7+n	0, they are consiste ax(TECQ, TDECQ) ax(TECQ, TDECQ	ent". Here, OM ) ))		nent is different from	Penalty allocations include 0.9dB more than TDECQ for the 10km spec, but only 0.5dB more for the 20 & 40km specs. Penalty allocations normally include allocations for DGD and MPI penalties. DGD is 3.1/3.9/5.0 ps for 10/20/40km specs. The expectation would b that penalties for 20 & 40 kms would be ≥ those for 10 km.						
max(5.3, 3.9+ma 140 has:	x(TECQ, TDECQ))	l.			Suggested	IRemea	ly				
max(-0.1, -1.5+T max(1.1, -0.3+m They are not the one includes TE ratio.	ax(TDÉCQ). same, and would n	ot be the same	even if the numb	ers were the same; ending on extinction	0.1dB penalty approx at the l recom	for the y for for < 0.1 to higher l	BR20 DG both BR 0.15 dB D oss. Using d, resulting	huai_3cu_adhoc_050119.p D spec. MPI allocation sho 10 and BR20 is recommen IGD penalty, however this g 0.9dB additional penalty t g in total allocations for per	uld be comparab ded. For BR40 th vill be offset by th or BR10, BR20, a	e hence having 0.9dB ere is an additional ne reduced MPI penalty and BR40 is	
SuggestedRemedy	and it is upperson	m. The energies	a alaar without it		Response			Response Status C			
Response ACCEPT.	nce, it is unnecessa Response	e Status <b>C</b>	s clear without it.			oup ma	ade conse or's note.	nsus that additional analys	s is needed befo	re updating the values.	
C/ 168 SC 16	3.6.3	P35	L14	# 37	C/ 168	SC	168.7.1	P <b>36</b>	L1	# 7	
Dawe, Piers		Nvidia			Ran, Adee	9		Cisco Syste	ms, Inc.		
Comment Type <b>1</b>	Commen	t Status R		D2.0 unresolved	Comment	Туре	TR	Comment Status A		D2.0 unresolve	
SuggestedRemedy	eem right for the wa	Ū		ent against 168.9		ions; wł		0 is incorrect. It does not in ains is the mapping of para		•	
Change 6.3 to 6.	0 (or 6.1); change ´	10.6 to 10.3 (or	10.4)		l am av	ware th	at the san	ne title exists in many previ	ous clauses but	an error should not be	
Response REJECT.	Response	Status C			carried	d over to		ause. It has been corrected			
Based on group	discussion, it shoul	d be kept to 6.3	dB.		Suggested	IRemea	ly				
					Chang subcla		tle of Tabl	e 168-10 to "Mapping of pa	rameters to test	patterns and related	
					Response			Response Status C			
					ACCEI Keep o		ent with 80	2.3 dj, Table 183-13.			

-					
C/ 168	SC 168.7.1	P <b>49</b>	L <b>45</b>	# 130	C/ 168
Dawe, Pie	ers	Nvidia			Johnson, Johr
Comment After F wave transit PRBS transit obtain mand recom Suggester Delete	Type <b>T</b> RIN measuremen in the standard w tion time (but it re staQ or SSPRQ, tion time goes with led from the same ate a second way mended if there dRemedy e square wave fro	Comment Status R at is improved (D2.0 commen vill be as an alternative to SSI elies on 20% and 80% of OM not square wave, so it's not p th TECQ, extinction ratio, over e measurement with SSPRQ v. Square wave is a very unt is a practical alternative.	PRQ for measuri Aouter; OMAoute practical anyway) ershoot and unde . There is no ner ypical pattern wh Someone who v	ng transmitter er is measured with b. But transmitter rshoot; they can all be ed for the standard to ich should not be vants to use it still can,	Comment Typ Add text to definitions SuggestedRed Add the fo "OMAoute defined in Response ACCEPT
	but we should no	a 120.5.11.2.5, and the registent of encourage it in future. <i>Response Status</i> <b>C</b>	ers to advertise i	t and control it still exist	See comn
	omment #25.				
C/ 168	SC 168.7.4	P <b>36</b>	L <b>41</b>	# 22	
Mi, Guang	gcan	Huawei Tech	nologies Co., Lto	t	
Comment	Type <b>TR</b>	Comment Status A		D2.0 unresolved	
	t clauses has bee 8 as well.	en pointing out the source of	OMAout data. Re	ecommend to add in	
Suggestee	dRemedy				
		sured using waveforms captu .7.5, before the reference eq		t of the reference	
Response ACCE	PT IN PRINCIPL	Response Status <b>C</b> E.			

Implement suggested remedy with editorial license.

C/ 168	SC 168.7.4	P <b>36</b>	L <b>46</b>	# 14
Johnson, Jo	hn	Broadcom		
Comment T	ype TR	Comment Status A		D2.0 unresolved

to clarify the reference receiver used to measure OMAouter, refering to the ns in 168.7.5.

#### emedy

following sentence to the end of the paragraph:

ter is measured using waveforms captured at the output of the reference receiver in 168.7.5, before the reference equalizer."

Response	Response Status	С
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IN PRINCIPLE. nment #22.

# TYPE: TR/technical required ER/editorial required GR/general required T/technical E/editorial G/general COMMENT STATUS: D/dispatched A/accepted R/rejected RESPONSE STATUS: O/open W/written C/closed U/unsatisfied Z/withdrawn SORT ORDER: Clause, Subclause, page, line

Cl 168 SC 168.7.4 Page 17 of 28 2025/7/5 10:49:39

C/ 168	SC 168.7.5	P <b>37</b>	L <b>20</b>	# 23	Response	Pospono Status	c
Mi, Guango	an	Huawei Techi	nologies Co., Ltd		ACCEPT IN PRINC	Response Status	C
Comment T	ype ER	Comment Status A		D2.0 unresolved		onse to comment #15.	
and its in CL 1. "TDEC given ir Table 1 specific referen also do what wa referen	measurement setu 21.8.5 and writing of Q, and for 100GBA 40–6 if measured of d in 140.7.5.2, usin ce equalizer as des uble checking the of as defined in CL 14 ces. For the sake of	and other IMDD clauses in p has been referencing as only the changes and diffe SE-DR only, TDECQ – 10 using the test setup specifing the measurement meth scribed in 140.7.5.1, with the content of 168.7.5.1, there t0.7.5 or CL 124.8.5, except of clarity and consistence, is	much as possibl rences. An exam log10(Ceq) shall ed in 121.8.5.1, od specified in 12 ne following exce seems no techni of need of update also avoiding mis	the existing content ple in CL140 is: be within the limits with an optical channel 21.8.5.3, and using a options:" Incal difference than as to the table cleading message of			
	nly listing out the ex	nended to update the secti xceptions.	on with reference	es to existing clauses			
Suggested	Remedy						
		68.7.5.3,168.7.5.4. make Il standard of 802.3 is cohe		5			
The TD Table 1 specifie referen The sig pattern specifie approxi 53.125 20 dB Thomso — The	68–6 if measured of d in 168.7.5.2, usin ce equalizer as des naling rate of the te d for TDECQ in Ta combination of the mately 26.5625 GH GHz and at freque Compensation may on response.	n the limits given in using the test setup specifing the measurement meth scribed in 168.7.5.1, with the est pattern generator is as able 168–10. O/E converter and the ose la with a fourth-order Bess ncies above 1.3 × 53.125 y be made for any deviatio power density spectrum, N	od specified in 12 ne following exce given in Table 16 cilloscope has a 3 cel-Thomson resp GHz the respons n from an ideal fo (f) in Equation (12)	21.8.5.3, and using a options: 58–6 and uses a test 3 dB bandwidth of bonse to at least 1.3 × e should not exceed – burth-order Bessel- 21–9), is equivalent to			
	bise filtered by a fo 25 GHz."	urth-order Bessel-Thomsc	n response filter	with a 3 dB bandwidth			
or							
setup s	pecified in 121.8.5. ement method spe	in the limits given in Table 1, with an optical channel cified in 140.7.5, and usin	specified in 168.	7.5.2, using the			

TYPE: TR/technical required ER/editorial required GR/general required T/technical E/editorial G/general COMMENT STATUS: D/dispatched A/accepted R/rejected RESPONSE STATUS: O/open W/written C/closed U/unsatisfied Z/withdrawn SORT ORDER: Clause, Subclause, page, line

C/ 168 SC 168.7.5 Page 18 of 28 2025/7/5 10:49:39

C/ 168 S	C 168.7.5	P37	L <b>21</b>	# 15	C/ 168	SC	168.7.5.1	P38	L <b>5</b>	# 38
Johnson, John		Broadcom			Dawe, Pie	ers		Nvidia		
Comment Type	TR	Comment Status A		D2.0 unresolved	Comment	Type	Е	Comment Status A		D2.0 unresolved
of 168.7.5.1 single exce	I lists test m ption for the should refe	d in 168.7.5 needlessly reitera ethod exceptions that should FFE (which is not needed be rence 121.8.5 and list a comp	be in 168.7.5.3. cause it is the s	168.7.5.3 has a ame as 121.8.5.4).	150.8 Suggestee	.5, 150. dReme	.8.7, 150.8. <sup>-</sup> dy	two clauses is hard to und 10 and 151.8.1 it has beer quencies" to "GHz. At freq	divided into two s	sentences.
SuggestedRem	edv				Response	•		Response Status C		
Follow the s	specification s of the refe	method of 802.3dj D1.5, Cl.1 rence receiver that are used in	other test meth	nod sub-clauses.	, ACCE	PT IN I	PRINCIPLE			
		68.7.5.1, 168.7.5.3 and 168.7. .7.5 with the following:	5.4. (168.7.5.2	becomes 168.7.5.1)	C/ 168	SC	168.7.5.3	P38	L <b>53</b>	# 39
					Dawe, Pie	ers		Nvidia		
The TDECO		ne shall be within the limits giv	en in Table 168	3-6 if measured using	Comment	Type	т	Comment Status A		D2.0 unresolved
		21.8.5.3, 121.8.5.4 and 168.7	7.5.1, with the fo	llowing exceptions:	More	excepti	ions			
		the test pattern generator is a	as given in Table	e 168-6 and uses the	Suggestee	dDomo	du			
test pattern		Table 168-10.			00		2	test pattern generator is a	a given in Table 1	69 6 and uses a test
<ul> <li>The refe oscilloscope a 3 dB bank response to least 1.3 × not exceed</li> <li>20 dB. Co Thomson response.</li> <li>The norr a fourth ord</li> </ul>	rence receiv e, has dwidth of ap o at 53.125 GHz mpensation malized nois ler	er, composed of the combina proximately 26.5625 GHz with , and at frequencies above 1.3 may be made for any deviation e power density spectrum N(f	a fourth-order l 3 × 53.125 GHz on from an ideal ) is equivalent to	Bessel-Thomson , the response should fourth-order Bessel- o white noise filtered by	There betwe [State bandw at lea: not ex order The n white	e are no een test d above vidth of st 1.3 × ceed – Bessel- ormaliz	o interfering pattern on e — The co f approximat 53.125 GH -20 dB. Con -Thomson r zed noise po iltered by a	ECQ in Table 168–10. optical lanes and therefore one lane and any other lau mbination of the O/E conv tely 26.5625 GHz with a fo Iz. At frequencies above 1 opensation may be made f esponse.] ower density spectrum, N(t fourth-order Bessel-Thom	ne, as specified in erter and the oscil urth-order Bessel- .3 × 53.125 GHz or any deviation fr ) in Equation (121	121.8.5.1, is redundant. lloscope has a 3 dB -Thomson response to the response should rom an ideal fourth- -9), is equivalent to
		nse filter with a 3 dB bandwid ss is as given in Table 168-6.	In of 26.5625 G	HZ.	Response	•		Response Status C		
— The lowe method des in 121.8.5. may be used to det equal or higher value sensitivity a	est measure scribed Alternative c ermine equa es of TDEC( and	d TDECQ values are achieved optimization methods such as lizer tap weights to reduce ter Q. These alternative methods tivity calibration.	minimum mean st time, and are	squared error (MMSE) expected to report			PRINCIPLE ag response	to comment #15.		
Response		Response Status C								
	N PRINCIPL	E. emedy with editorial license re	efer to CL140.							

TYPE: TR/technical required ER/editorial required GR/general required T/technical E/editorial G/general COMMENT STATUS: D/dispatched A/accepted R/rejected RESPONSE STATUS: O/open W/written C/closed U/unsatisfied Z/withdrawn SORT ORDER: Clause, Subclause, page, line

C/ 168 SC 168.7.5.3 Page 19 of 28 2025/7/5 10:49:39

0.400		D <b>00</b>	1.40	# 40		00.4		Daa	1.07	# 40
C/ 168	SC 168.7.5.4	P <b>39</b>	L19	# 40	C/ 168		68.7.7	P39	L <b>37</b>	# 16
Dawe, Pier		Nvidia			Johnson,			Broadcom		, ,
trouble it catch	al that needed a r some for the rece	Comment Status <b>R</b> main tap at 0.8 would be unh eiver. The over/under-shoot ening this limit will make no it will be helpful.	spec may catch	many such signals. If	Comment Type       TR       Comment Status       A       Inresolved (over/under status)         Add text to clarify the reference receiver used to measure TX over/undershoot, refering the definitions in 168.7.5.       SuggestedRemedy         Replace       "but without the reference equalizer being applied in either case."					
Suggested Chang	<i>Remedy</i> e 0.8 to 0.85					at the out		e reference receiver defined ir		
Response REJEC	CT. sensus to make	Response Status C			Response ACCE			Response Status C		
		ons on this topic in the next n	neeting.		C/ 168	SC 1	68.7.8	P <b>40</b>	L17	# 17
C/ 168	SC 168.7.7	P39	L31	# 24	Johnson,	John		Broadcom		
					Comment	Туре	TR	Comment Status A		D2.0 unresolved
Comment	Guangcan     Huawei Technologies Co., Ltd       mment Type     ER     Comment Status     A     Inresolved (over/under shoot)       There seems to be no change from the method defined in CL 140. reference to CL 140					efinitions	in 168.7.	eference receiver used to mea 5.	sure TX power	excursion, refering to
0	ing the calculation	n.			Repla	ce "but v	vithout th	e reference equalizer being ap		
Suggested possib	-	CL 151, and update the refe	erence tables sho	ould serve the purpose :	with "a equali		tput of the	e reference receiver defined ir	168.7.5, befo	re the reference
measu	ired using a test	of each lane shall be within th er/under-shoot in Table 151–	Ū	Table 151–7 if	Response ACCE			Response Status C		
		oot are measured using the		ed for the TDECQ test	C/ 168	SC 1	68.7.9	P <b>40</b>	L32	# 18
		aveform captured for the TE	CQ test (see 151	.8.6), but without the	Johnson,	John		Broadcom		
		ng applied in each case. oot are calculated using the	methods in 140.	7.7."	Comment	Туре	TR	Comment Status A		D2.0 unresolved
Response	PT IN PRINCIPLE	Response Status C			Add text to clarify the reference receiver used to measure extinction ratio, refering to the definitions in 168.7.5.					
		=. e to comment #16.			Suggested	dRemedy	/			
	0				"The e	extinction	i ratio is i	end of the paragraph: neasured using waveforms ca 7.5, before the reference equa		output of the reference
					Response	)		Response Status C		
					ACCE	EPT.				

C/ 168	SC	168.7.10	P <b>40</b>	L <b>41</b>	# 19	C/ 168	SC 168.7	.11	P <b>40</b>	L 53	# 41
Johnson,	John		Broadcom			Dawe, Pier	rs		Nvidia		
Comment	Туре	TR	Comment Status A		D2.0 unresolved	Comment	Туре Т		Comment Status R		D2.0 unresolve
	ning it in	n this claus	s previously defined in 16 e.	8.7.5, so it can be r	referenced rather than	these of literatu	days, but wit	h the so	asured with the optical pov cope method described in dvantage that RIN can be	P802.3dj 180.9	.11 (and T&M vendor's
		lowing text	: n O/E converter and osci		him and O al D is an alcosidable	Suggested	Remedy				
of app × 53.1 –20 df Thoms	roximat 25 GHz 3. Comp son resp	ely 26.562 and at fre pensation r ponse."	5 GHz with a fourth-ordel quencies above 1.3 × 53 nay be made for any dev	r Bessel-Thomson r .125 GHz the respo	esponse to at least 1.3 onse should not exceed	As this 180.9. <sup>-</sup> clause	project is al 11, adjusting	for the	P802.3dj, replace the cor optical return loss(es) and Square wave" to "4 or 6".		
"The ti refere	ransmitt nce rece		on time is measured using ed in 168.7.5, before the			Response REJEC See co	CT. mment #25.	I	Response Status C		
Response			Response Status C						Du	10	# [0
ACCE	PT.					C/ 168	SC 168.7	.11	P <b>41</b>	L <b>3</b>	# 8
C/ 168	SC	168.7.11	P <b>40</b>	L <b>51</b>	# 25	Ran, Adee			Cisco System	is, Inc.	
Mi, Guang	Ican		Huawei Te	chnologies Co., Ltd	<b></b>	Comment			Comment Status A		D2.0 unresolve
Comment		TR	Comment Status R	5	D2.0 unresolved			s 53.12	25 GBd, so the number sh	ould be 53.125	GHz, not 53.2.
update with w https:/	e the de hat is b /www.ie	finition of f eing used eee802.org	discussed the definition RINxOMA which better de in the field. Related contr /3/dj/public/24_09/chayel	escribes the actual b ibution from Ahmad	behaviour and aligns I and JJ,	Response	<i>Remedy</i> e per comm PT IN PRIN(	I	Response Status C		
Suggested						Delete	contents in	the pare	enthesis.		
0		is defined i				C/ 168	SC 168.7	.12	P <b>41</b>	L	# 59
Response			Response Status C			Dudek, Mil	ke		Marvell		
REJE The gr		ade conser	isus to keep consistent w	ith CL140.		Comment In Figu be dele	ire 168-6 "m		Comment Status <b>A</b> uation constraints" needs		unresolved (Ref_received the lines or it needs to
						Suggested Fix it	Remedy				
						Response ACCEI See co	PT.	I	Response Status C		

C/ 168 SC 168.7.12	P <b>41</b>	L <b>7</b>	# 11	C/ 168	SC 168.7.12	P <b>41</b>	L15	# 29
Ran, Adee	Cisco System	ns, Inc.		Zimmerma	n, George	ADI,APLgp,0	Cisco,Marvell,On	Semi,Sony,SenTekse
Comment Type ER	Comment Status A		2.0 unresolved (Ref_receiver)	Comment		Comment Status A		unresolved (Ref_receiver
Figure 168-6 is a bitma	p with poor quality.					aints" cannot possibly be rig		
SuggestedRemedy Replace the figure with	an SVG one.			equation	ons 168-4, 168-5	ut the axis says OMAouter(d δ, and 168-6 and the text to ι a signal with an OMA of the	inravel. Is this s	aying that the RS
Response ACCEPT.	Response Status C			6 (depo label n bottom	ending on the Pl eeds to be 3 diff side of the line.	HY type) (but can be sensitiv erent labels, each indicating The equations need more	e to a lower leve which line they a words to describ	I signal)? If so, the are for, and on the be the measurement.
C/ 168 SC 168.7.12	P <b>41</b>	L <b>8</b>	# 42	I'm sor Suggested		ow well enough what you me	eant to write a go	ood solution.
Dawe, Piers	Nvidia			00	,	location of "Meets equation	constraints" so th	at it meets all 3 lines
Comment Type <b>E</b> This figure is a bitmap;	Comment Status <b>A</b> grey and unclear		2.0 unresolved (Ref_receiver)		ler more explana	atory words and converting th		
SuggestedRemedy				Response		Response Status C		
00 ,	oper way so it appears as a "\	vector grapł	ic" in the pdf;	Follow Implem				
Response	Response Status C							
ACCEPT IN PRINCIPL Implement with editoria				C/ <b>168</b> Ran, Adee	SC 168.7.12	P <b>41</b> Cisco Syster	L <b>15</b> ms. Inc.	# 12
 C/ 168 SC 168.7.12	P <b>41</b>	L <b>9</b>	# 43	Comment		Comment Status A		unresolved (Ref receiver
Dawe, Piers	Vidia	L <b>9</b>	# 43	The la	oel "Meets equat	tion constraints" appears bet	ween curves. It s	· –
Comment Type <b>E</b> y axis can be optimised	Comment Status A		2.0 unresolved (Ref_receiver)	Suggested	Remedy	en these lines, which is inco	neci.	
SuggestedRemedy					he label below th	ne dottom line.		
Change the limits from	(-18 to 0) to (-15 to -3)			Response		Response Status C		
0	Response Status C				PT IN PRINCIPL mment #29.	E.		
Response ACCEPT.				See co	49. 			

P <b>41</b>	L32	# 21	C/ 168	SC 168.7.12	P <b>41</b>	L <b>40</b>	# 45
	L J2					- <del></del> v	
Comment Status A		( = ,	Comment Units s Suggested	<i>Type</i> <b>E</b> hould be uprigh <i>Remedy</i>	Comment Status A	2.0 L	inresolved (Ref_receiver,
				mment			
Response Status C				PT.	Response Status C		
to TECQ, 3 places.			C/ 168	SC 168.7.12	P <b>41</b>	L <b>40</b>	# 10
P <b>41</b>	L32	# 9	Ran, Adee		Cisco System	ns, Inc.	
Cisco Systems	s, Inc.		Comment	Type <b>TR</b>	Comment Status A	2.0 L	inresolved (Ref_receiver
		( <u> </u>	receive	er sensitivity doe	es not need to be equal to a v		
	luent paragraph	5.	Either	change the equa	ation to have a "lower than" va	alue, or define th	e term as the
,							
P <b>41</b>	L37	# 44	C/ 168	SC 168.7.12	P <b>51</b>	L <b>4</b>	# 131
Nvidia			Dawe, Pier	ſS	Nvidia		
Comment Status R	2.0 ui	nresolved (Ref_receiver)			Comment Status A	E-BR10 to	editoria
			00				
Response Status Z			Response		Response Status C		
	NVIDIA Comment Status A x-axis of TECQ but the test Response Status C to TECQ, 3 places. P41 Cisco Systems Comment Status A ion 168-4 is not active. i8-5 and 168-6 in the subsect es active. Response Status C medy with editorial license. P41 Nvidia Comment Status R	NVIDIA         Comment Status       A       2.0 ur         x-axis of TECQ but the test below the figure         Response Status       C         to TECQ, 3 places.         P41       L32         Cisco Systems, Inc.         Comment Status       A         ion 168-4 is not active.         io8-5 and 168-6 in the subsequent paragraph         es active.         Response Status       C         inedy with editorial license.         P41       L37         Nvidia       2.0 ur         Comment Status       R         2.0 ur       2.0 ur	NVIDIA       2.0 unresolved (Ref_receiver)         x-axis of TECQ but the test below the figure references SECQ.         x-axis of TECQ but the test below the figure references SECQ.         Response Status       C         to TECQ, 3 places.         P41       L32       # 9         Cisco Systems, Inc.         Comment Status       A       2.0 unresolved (Ref_receiver)         ion 168-4 is not active.       88-5 and 168-6 in the subsequent paragraphs.         ses active.       Response Status       C         medy with editorial license.       P41       L37       # 44         Nvidia       2.0 unresolved (Ref_receiver)         Comment Status       C       C       C         es active.       Response Status       C       C         medy with editorial license.       P41       L37       # 44         Nvidia       Comment Status       R       2.0 unresolved (Ref_receiver)         Noticia       2.0 unresolved (Ref_receiver)       C	NVIDIA       Dawe, Piet         Comment Status       A       2.0 unresolved (Ref_receiver)         x-axis of TECQ but the test below the figure references SECQ.       Units s         x-axis of TECQ but the test below the figure references SECQ.       Suggested         Response Status       C       Response         Response Status       C       ACCEI         Cisco Systems, Inc.       C/1 168       Ran, Adee         Comment Status       A       2.0 unresolved (Ref_receiver)         ion 168-4 is not active.       Base active.       Equation receiver)         Response Status       C       Response         Response Status       C       Response         Accell       Either maxim       Response         Response Status       C       Response         Response Status       C       Response         Response Status       C       Response         Midia       C/1 168       Dawe, Piet         Comment Status       R       2.0 unresolved (Ref_receiver)         Comment Status       R       2.0 unresolved (Ref_receiver)         Correct       Suggested       Dawe, Piet         Comment Status       R       2.0 unresolved (Ref_receiver)         Correct <t< td=""><td>NVIDIA       Dawe, Piers         Comment Status A       2.0 unresolved (Ref_receiver)         x-axis of TECQ but the test below the figure references SECQ.       Units should be uprigh         x-axis of TECQ but the test below the figure references SECQ.       Units should be uprigh         Response Status C       SuggestedRemedy         Response Status C       ACCEPT.         P41       L32       # 9         Cisco Systems, Inc.       Comment Status A       2.0 unresolved (Ref_receiver)         ion 168-4 is not active.       2.0 unresolved (Ref_receiver)       Response         ion 168-4 is not active.       SuggestedRemedy       Equations 168-4 throw         receiver sensitivity doe maximum, as shown in receiver sensitivity doe maximum, as shown in receiver sensitivity doe maximum RS.       SuggestedRemedy         es active.       P41       L37       # 44         Nvidia       2.0 unresolved (Ref_receiver)       Ci 168       SC 168.7.12         Dawe, Piers       Comment Type       E       Correction to D2.0 con         SuggestedRemedy       100GBASE-BR40       100GBASE-BR40</td><td>NVIDIA       Dawe, Piers       Nvidia         Comment Status A       2.0 unresolved (Ref_receiver)       Comment Type E       Comment Status A         x-axis of TECQ but the test below the figure references SECQ.       Units should be upright not italic       SuggestedRemedy         Response Status C       Response Status C       ACCEPT.         P41       L32       # 9       Cisco Systems, Inc.         Comment Status A       2.0 unresolved (Ref_receiver)       Cisco Systems Status A       Cisco Systems Status A         in 168-4 is not active.       2.0 unresolved (Ref_receiver)       Comment Status A       Cisco System Status C         Response Status C       SuggestedRemedy       Petromment Status A       Petromment Status A         Response Status C       SuggestedRemedy       Equations 168-4 through 168-5 have equal signs an receiver sensitivity does not need to be equal to a vimaximum, as shown in the figure.         SuggestedRemedy       Either change the equal signs to less than or equals.         P41       L37       # 44       Change the equal signs to less than or equals.         Ci 168       SC 168.7.12       P51         Dawe, Piers       Nvidia       Corment Type E       Comment Type E         Comment Status R       2.0 unresolved (Ref_receiver)       Ci 168       SC 168.7.12       P51         Da</td><td>NVIDIA       Dawe, Piers       Nvidia         Comment Status A       2.0 unresolved (Ref_receiver)       Comment Type       E       Comment Status A       2.0 unresolved (Ref_receiver)         x-axis of TECQ but the test below the figure references SECQ.       Units should be upright not italic       SuggestedRemedy         Response Status C       P41       L32       # 9         Cisco Systems, Inc.       Comment Status A       2.0 unresolved (Ref_receiver)         Comment Status A       2.0 unresolved (Ref_receiver)       Comment Type       TR       Comment Status A       2.0 unresolved (Ref_receiver)         ion 168-4 is not active.       Sa active.       SuggestedRemedy       Equations 168-4 itorough 168-5 have equal signs and define receiver receiver sensitivity does not need to be equal to a value - it should b maximum, as shown in the figure.         SuggestedRemedy       Either change the equation to have a "lower than" value, or define the maximum RS.         Response Status C       ACCEPT IN PRINCIPLE.       Change the equal signs to less than or equals.         C/I 168       SC 168.7.12       P51       L4         Nvidia       Comment Type       Comment Type       Comment Type         Response Status C       ACCEPT IN PRINCIPLE.       Change the equal signs to less than or equals.         C/I 168       SC 168.7.12       P51       L4</td></t<>	NVIDIA       Dawe, Piers         Comment Status A       2.0 unresolved (Ref_receiver)         x-axis of TECQ but the test below the figure references SECQ.       Units should be uprigh         x-axis of TECQ but the test below the figure references SECQ.       Units should be uprigh         Response Status C       SuggestedRemedy         Response Status C       ACCEPT.         P41       L32       # 9         Cisco Systems, Inc.       Comment Status A       2.0 unresolved (Ref_receiver)         ion 168-4 is not active.       2.0 unresolved (Ref_receiver)       Response         ion 168-4 is not active.       SuggestedRemedy       Equations 168-4 throw         receiver sensitivity doe maximum, as shown in receiver sensitivity doe maximum, as shown in receiver sensitivity doe maximum RS.       SuggestedRemedy         es active.       P41       L37       # 44         Nvidia       2.0 unresolved (Ref_receiver)       Ci 168       SC 168.7.12         Dawe, Piers       Comment Type       E       Correction to D2.0 con         SuggestedRemedy       100GBASE-BR40       100GBASE-BR40	NVIDIA       Dawe, Piers       Nvidia         Comment Status A       2.0 unresolved (Ref_receiver)       Comment Type E       Comment Status A         x-axis of TECQ but the test below the figure references SECQ.       Units should be upright not italic       SuggestedRemedy         Response Status C       Response Status C       ACCEPT.         P41       L32       # 9       Cisco Systems, Inc.         Comment Status A       2.0 unresolved (Ref_receiver)       Cisco Systems Status A       Cisco Systems Status A         in 168-4 is not active.       2.0 unresolved (Ref_receiver)       Comment Status A       Cisco System Status C         Response Status C       SuggestedRemedy       Petromment Status A       Petromment Status A         Response Status C       SuggestedRemedy       Equations 168-4 through 168-5 have equal signs an receiver sensitivity does not need to be equal to a vimaximum, as shown in the figure.         SuggestedRemedy       Either change the equal signs to less than or equals.         P41       L37       # 44       Change the equal signs to less than or equals.         Ci 168       SC 168.7.12       P51         Dawe, Piers       Nvidia       Corment Type E       Comment Type E         Comment Status R       2.0 unresolved (Ref_receiver)       Ci 168       SC 168.7.12       P51         Da	NVIDIA       Dawe, Piers       Nvidia         Comment Status A       2.0 unresolved (Ref_receiver)       Comment Type       E       Comment Status A       2.0 unresolved (Ref_receiver)         x-axis of TECQ but the test below the figure references SECQ.       Units should be upright not italic       SuggestedRemedy         Response Status C       P41       L32       # 9         Cisco Systems, Inc.       Comment Status A       2.0 unresolved (Ref_receiver)         Comment Status A       2.0 unresolved (Ref_receiver)       Comment Type       TR       Comment Status A       2.0 unresolved (Ref_receiver)         ion 168-4 is not active.       Sa active.       SuggestedRemedy       Equations 168-4 itorough 168-5 have equal signs and define receiver receiver sensitivity does not need to be equal to a value - it should b maximum, as shown in the figure.         SuggestedRemedy       Either change the equation to have a "lower than" value, or define the maximum RS.         Response Status C       ACCEPT IN PRINCIPLE.       Change the equal signs to less than or equals.         C/I 168       SC 168.7.12       P51       L4         Nvidia       Comment Type       Comment Type       Comment Type         Response Status C       ACCEPT IN PRINCIPLE.       Change the equal signs to less than or equals.         C/I 168       SC 168.7.12       P51       L4

See comment #29.

TYPE: TR/technical required ER/editorial required GR/general required T/technical E/editorial G/general COMMENT STATUS: D/dispatched A/accepted R/rejected RESPONSE STATUS: O/open W/written C/closed U/unsatisfied Z/withdrawn SORT ORDER: Clause, Subclause, page, line

C/ 168 SC 168.7.12 Page 23 of 28 2025/7/5 10:49:39

C/ 168 SC 16	8.7.13	P <b>42</b>	L1	# 20	C/ 168	SC	168.7.13	P <b>42</b>	L38	# 46
Johnson, John		Broadcom			Dawe, Pier	S		Nvidia		
Comment Type	TR Cor	nment Status A		D2.0 unresolved (SRS)	Comment 7	Гуре	Е	Comment Status A		D2.0 unresolved (SRS
The stressed re method specifie		ty test method in 168.	7.13 needlessl	y reiterates the test	conform	nance	signal, opt	conformance test signal, sign cal test signal, stressed rece	ver conform	ance test signal, test
SuggestedRemedy								al, and stressed receiver cont ne name for a thing, every tim		
		d of 802.3dj D1.5, Cl.1			Suggested				- () 3	
along with a sho	ort list of excep	lions. Replace the en	Irety of 168.7.	13 with the following text:	00			nuch as is reasonable.		
		each lane shall be wit	hin the limit gi	ven in Table 168-7 if	Response		1,	Response Status <b>C</b>		
measured using		th the following except	ions:		•		PRINCIPLE	,		
				neasured according to	See co					
168.7.5, except			-		C/ 168	SC	168.7.13	P <b>42</b>	L39	# 47
signal is	r is not used.	ne transition time of th	ie stressed re	ceiver conformance test			100.7.15	Nvidia	200	$\pi$ $+1$
	the value spec	ified in Table 168-6.			Dawe, Pier		_			
	ssian noise ge	nerator on and the sin	usoidal jitter a	nd sinusoidal interferer	Comment 1		E	Comment Status A		D2.0 unresolved (SRS
turned off, the RINxOMA of the	SRS test sou	rce should be no great	er than the va	lue specified in Table				It is used only three times.		
168-6.					Suggested	Remea	dy			
	•	t pattern generator an	d the extinctio	n ratio of the E/O	Spell it	out ea	ach time			
converter are as		patterns specified in .	Tabla 168 10		Response			Response Status C		
— The required Stressed eye	values of the '	Stressed receiver sen	sitivity (OMAo	uter), each lane (max)", "	ACCEF See co		PRINCIPLE t #20.			
closure for PAN given in	4 (SECQ), lan	e under test" and "OM	Aouter of each	aggressor lane" are as	C/ 168	SC	168.7.13	P <b>42</b>	L <b>42</b>	# 48
Table 168-7.					Dawe, Pier	S		Nvidia		
Response	Res	oonse Status C			Comment 7	Гуре	т	Comment Status A		D2.0 unresolved (SRS
ACCEPT IN PR Keep it consiste		and remove each lane				fell the		ce of the optical link should b at to do, and unlike the TDEC		

ACCEPT IN PRINCIPLE. Revise figure 168-7 according to

Response

Explain this fully or delete the sentence.

Response Status C

contribution 3dk\_effenberger\_2504\_1.

CI 168 SC 168.	7.13 P42	L <b>44</b>	# 49	C/ 168	SC 168.8.1	P53	L18	# 103
Dawe, Piers	Nvidia			Wienckowski	, Natalie	IVN Solutions	LLC	
Comment Type T	Comment Status A		D2.0 unresolved (SRS)	Comment Typ	pe ER	Comment Status A		external
While it should be	obvious			As comm	ent #235 on E	02.0 stated: References to ext	ernal points not	properly indicated.
SuggestedRemedy				SuggestedRe	emedy			
	at the PMD's transmitter and any			Apply a c	haracter tag o	f "External" to "J.2".		
	e operational when stressed sen ame goes for transmitter measure			Response		Response Status C		
Response	Response Status <b>C</b>				IN PRINCIPL			
, ACCEPT IN PRIN	,			Implemen	nt suggested r	emedy with editorial license.		
Implement sugges	ted remedy with editorial license			C/ 168	SC 168.9	P <b>45</b>	L <b>26</b>	# 52
See comment #20				Dawe, Piers		Nvidia		
	<b>7</b> 40 0 D 40	1.00	# [50]	Comment Typ		Comment Status R		D2.0 unresolved
C/ 168 SC 168.		L <b>33</b>	# 50			3 at 1310 nm.  10GBASE-BR 0GBASE-BR10, also 1260 nn		
Dawe, Piers	Nvidia		D2 () unreached (CDC)			obase-bit to, also 1200 million the same		
Comment Type E Now that we have	<i>Comment Status</i> <b>A</b> a definition of TECQ, this can be	done directly	D2.0 unresolved (SRS)		ng the channe 6.02 dB at 130	l insertion loss using the link r 3.6 nm	model, it's 6.00 c	dB at 1310 nm 6.20 at
SuggestedRemedy				SuggestedRe	emedy			
Change "is measu measured accordi	red according to 168.7.5, except ng to 168.7.6"	that the test fib	er is not used" to "is	Change 6 10.4).	6.3 to 6 (or 6.1	). Change the budget for 100	GBASE-BR10 f	rom 10.6 to 10.3 (or
Response	Response Status C			Response		Response Status C		
ACCEPT IN PRIN See comment #20				REJECT. The grou		ensus to keep it as 6.3 dB for I	3R10.	
C/ 168 SC 168.	7.13.3 P43	L <b>41</b>	# 51					
Dawe, Piers	Nvidia							
Comment Type E	Comment Status A		D2.0 unresolved (SRS)					
	de: The word may is used to indi the standard (may equals is peri		faction permissible					
SuggestedRemedy								
Change "under-sti might result"	ressed may result" to "under-stre	ssed could resu	lt" or "under-stressed					
Response	Response Status C							
ACCEPT IN PRIN See comment #20								

C/ 168	SC 16	68.9	P <b>45</b>	L 30	# 13	C/ 168	SC	168.9	P55	L <b>7</b>	# 132
Maniloff, E	Eric		Ciena			Dawe, Pier	s		Nvidia		
Comment	Туре 1	т	Comment Status A		D2.0 unresolved	Comment	Туре	т	Comment Status A		new (dispersion
values used t disper in	s, as docur o arrive at	mented in t the CD v ifications	al analysis is being used to a G.652 Appendix I. The do ralues. 802.3dj currently in are based on the statistica adix I."	ocument should ocument should ocument should be a second contract of the second structure of the secon	larify the approach ing text: "The	Table f minimu D and <i>Suggested</i>	168-12 um in t U sep <i>Reme</i>	2 gives the the upstreat arately to <i>dy</i>	omment 206. maximum dispersion in the am direction. But transceiver design correctly for dispersion	designers need	
Suggested	Remedy								with four rows: D to U 4.6  4.2  2.5		
	footnote to sion value		values in Table168-12 ind	icating the metho	od used to calculate the	Maxim Minimu	um di: ım dis	spersion, l persion, D	U to D 0.6 -3.7 -13.4 to U -13.9 -23.8 -42.3		
Response			Response Status C			Delete			to D -18 -32 -59		
	PT IN PRI								our wavelengths		
	o footnote l dispersion		tions are based on the stat	istical link desig	n methodology	Response			Response Status C		
docum	nented in	•						PRINCIPL			
ITU-T	REC G.65	52, Apper	ndix I.".						with four rows: D to U 4.6  4.2  2.5		
C/ 168	SC 16	<b>58.9</b>	P <b>45</b>	L <b>36</b>	# 53				J to D 0.6 00		
Dawe, Pie	ers		Nvidia						to U -13.9 -23.8 -42.3		
Comment	Туре 1	т	Comment Status A	D2.0	) unresolved (dispersion)				to D -18 -32 -59 persion rows.		
This g	ives the di	lispersion	ranges for the upstream d	irection only					our wavelengths		
Suggested	dRemedy					C/ 168	SC	168.10	P <b>46</b>	L <b>26</b>	# 54
Add tv	vo more ro	ows for the	e dispersion ranges for the	downstream dir	ection.	Dawe, Pier	ſS		Nvidia		
Response			Response Status C			Comment	Туре	Е	Comment Status A		D2.0 unresolved
	PT IN PRI							port opera BASE-BR	tion 10 km for 100GBASE-BF 40.	810, 20 km for 10	00GBASE-BR20 or 40
						Suggested	Reme	dy			
								port opera 0GBASE-	tion *at* 10 km for 100GBAS 3R40.	E-BR10, 20 km f	or 100GBASE-BR20 or
						Response			Response Status C		
						ACCE					

C/ 168	SC 168.11	P <b>47</b>	L <b>39</b>	# 55	C/ 168	SC 1	68.11	P <b>47</b>	L <b>47</b>	# 60
Dawe, Pie	rs	Nvidia			Dudek, Mi	ke		Marvell		
	1 Requirements f al e.g. in 151 doe	Comment Status <b>A</b> or interoperation between 100 sn't say "Requirements for".		resolved (interoperation) MDs" other similar	specs betwe	is only o for the tw en BR20	wo directio	Comment Status <b>A</b> etween the BR20 and BR ons. To be compliant in 0 would have to be min 8. fifed	40 PMD's so there both directions it a	ppears that the loss
Delete	Requirements f	or" here and in the table title.			Suggested		•			
	PT IN PRINCIPLI	Response Status <b>C</b>			00	se the tw		Table 168-15 into one ro	w. With min loss o	f 8.3dB and max loss
See co	omment #58.				Response			Response Status C		
C/ <b>168</b> Dawe, Pie	SC <b>168.11</b> rs	P <b>47</b> Nvidia	L <b>39</b>	# 56		PT IN PF	RINCIPLE #58.			
Comment	Туре Т	Comment Status A	.0 un	resolved (interoperation)	C/ 168	SC 1	68.12.3	P <b>49</b>	L <b>28</b>	# 28
		introduce the table, which she			Zimmerma	an, Georg	qe	ADI,APLgp	,Cisco,Marvell,On	Semi,Sony,SenTekse
		R10. Presumably the mixed lin shorter-reach PMD.	k has to stay w	vithin the chromatic	Comment	Туре	Т	Comment Status A		D2.0 unresolved
Suggested	lRemedy	Shorter-reach T MD.						ction of the PICS, not a ca to be spelled out in their o		These are
168.11 The 10 an eng 100GE	00GBASE-BR20 a gineered link) prov 3ASE-BR20 in Ta	etween 100GBASE-BRx PMD and 100GBASE-BR40 PMDs o /ided that the fiber optic cablin ble 168-12 are met, with the ex tion loss values, which are give	an interoperate g (channel) ch cception of the	aracteristics for maximum and	and re constr	row "DC	C" in 168. subseque	12.3, add new section 16 nt PICS statements. Go ne-by-one to populate (thi	through 168.3 and	call out the delay
		ttenuators may be used to ach 100GBASE-BR10 and 100GB			Response			Response Status C		
not red	commended (or w	hatever the case is).					RINCIPLE	medy with editorial license	2	
Response		Response Status C			inplei	none ody	90310016			
	PT IN PRINCIPLI omment #58.	Ξ.								

C/ 168	SC	168.6,1	P <b>42</b>	L <b>28</b>	# 64
Maniloff, E	Eric		Ciena		
(Min)	ntly the values	for this is 7	Comment Status A () values for 100GBASE-BR40 .8 dBm. This leaves 0.5 dB dif his is not sufficient difference f	ference betw	een Min and Max
reduce resista loss w	er to inc ed or m ance to rill enat	crease the naximum ne increasing ble an incre	$\Delta$ between min and max value eeds to be increased. Due to o the maximum value. Specifyir ase to the maxumimum Tx po loss of 11 dB in Table 168-23 a	verload conce ng a 1 dB high wer. A recom	erns, there has been ner minimum insertion mended solution is to
After ( Table Table thresh	PT IN I CRG gr 168-12 168-6, old in 1	2 and increa Average re Fable 168-7	sion, there's consensus to kee ase maximum OMA_outer and eceive power (max), Receive p 7 by 1 dB for 100GBASE-BR40	Average laur oower (OMAou ).	nch power (max) in uter) (max), and damage
C/ 168		168.6,1	P <b>42</b>	L <b>28</b>	# 63
(Min)	<i>Type</i> ntly the values	for this are	Ciena Comment Status A () value for 100GBASE-BR20 -0.3 dBm. This leaves 0.3 dB ent difference for manufacturir	difference be	tween Min and Max for
Suggested	Reme	dy			
reduce resista enable	ed or m ance to e an inc	aximum ne increasing crease to th	$\Delta$ between min and max value eeds to be increased. Due to o the maximum value. Specifyir he maxumimum Tx power. A re 2 dB in Table 168-12 and a ma	verload conce ng a minimum ecommended	erns, there has been i insertion loss will solution is to specify a
Response			Response Status C	-	_
ACCE	PT IN I	PRINCIPLE	Ξ.		

### ACCEPT IN PRINCIPLE.

After CRG group discussion, there's consensus to keep the minimum link loss of 0 dB in Table 168-12 and increase maximum OMA\_outer and Average launch power (max) in Table 168-6, Average receive power (max), Receive power (OMAouter) (max), and damage threshold in Table 168-7 by 1.2 dB for 100GBASE-BR20. Add an editor's note: call for contributions in the next meeting.

TYPE: TR/technical required ER/editorial required GR/general required T/technical E/editorial G/general COMMENT STATUS: D/dispatched A/accepted R/rejected RESPONSE STATUS: O/open W/written C/closed U/unsatisfied Z/withdrawn SORT ORDER: Clause, Subclause, page, line

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