

Comment Type TR Comment Status R

The optical transmitter is permitted to produce transmit waveforms with dispersion penalties (TWDPs) that are 0.5 dB worse than that to which the receiver is tested. It implies that transmitters are permitted to produce outputs from the end of the fiber channel that exceed the level of stress that the receivers are required to handle. In addition, the "comprehensive stressed receiver sensitivity" test is not comprehensive because it does not include jitter impairments and baseline wander. It is very likely to cause the power budget shortfall to widen further. Therefore, the combined specifications for the transmitter, fiber and receiver do not ensure a closed power budget. For both 1000BASE and 10GBASE optical PMDs such impairments were included in the receiver test. This draft does not address these issues.

SuggestedRemedy

Account for jitter impairment in the receiver comprehensive SRS test in a way similar to clause 52. Provide power budget closure by adjusting the test specifications to ensure closure with the added jitter impairment.

Proposed Response Response Status U

REJECT.

1) This power budget topic was discussed at length during the October meeting, following comment 14 on D2.3. The commenter withdrew his comment. See resolution of Draft 2.3, comment 14.

2) In D1.0 the comprehensive stressed rx test did include pattern jitter. It was removed as the ISI impairments introduce jitter, and it was agreed that this need not also be modelled by source pattern jitter. At the same time the, separate, receiver jitter tolerance test was added.

3) Presentation by Lindsay during this meeting indicates that power budget has 0.9dB margin - adequate to account for the impairments described by the commenter.

4) Noise added in comprehensive stressed rx test will result in jitter.

Yes: 26

No: 2

Abstain: 8

Comment Type TR Comment Status R

It has become clear, based on information presented at the October 2005 interim, that the November 2004 task force motion requiring sufficient demonstration of interoperability was not fulfilled. This motion reads:

Move that IEEE 802.3aq demonstrate a 10-12 BER over the rated distance on a specified channel (TBD) and show interoperability between PhD's of at least three vendors for 10GBASE-LRM to support technical feasibility prior to sponsor ballot. Approved by vote of 35/1/0.

A presentation made on this subject in an attempt to fulfill this motion at the October 2005 interim meeting of 802.3aq failed to get sufficient support for reasons that include failure to meet the requirements of the motion in the following ways:

- The channel was selected by the demonstrators rather than specified by the task force as required by the motion;

Only two EDC chip vendors products were included within the modules;

- The demonstration failed to provide sufficient evidence of technical feasibility as defined by the five criteria as required by the motion.

Additionally, the center launch condition used in the demonstration did not represent the native center launch into a multimode cord, as it was filtered by the use of a singlemode patch cord, an unsupported patch cord for this application.

The technology is not proven, as only one vendor has shown sufficient data to demonstrate that the specifications can be met and this is the first application of EDC technology for MMF.

Confidence in reliability cannot be assured due, in part, to lack of sufficient numbers of channels reported in the demonstration. The presentation reported results on the equivalent of one duplex 62.5 um channel, one half duplex channel of 50 um (OM2), and one half channel of OM3 fiber.

SuggestedRemedy

Based on the results presented at the October Interim, it is clear that the task force has not yet achieved assurance of interoperability. The task force should not proceed to sponsor ballot until interoperability is demonstrated by at least three vendors over a specified duplex channel of each fiber type using only the specified launch conditions.

Proposed Response Response Status U

REJECT.

No change to document suggested.

Motion 1 of Task Force meeting of Novemeber 2005 accepted that interoperation has been demonstrated, as required. See mcvey_1_1105.pdf.

Passed without objection.

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

Page 1 of 9 23/11/2005 14:31:32



Kolesar, Paul

Comment Type TR Comment Status R

The November 2004 task force motion requiring sufficient demonstration of interoperability remains unfulfilled. This motion reads:

Move that IEEE 802.3aq demonstrate a 10-12 BER over the rated distance on a specified channel (TBD) and show interoperability between PhD's of at least three vendors for 10GBASE-LRM to support technical feasibility prior to sponsor ballot. Approved by vote of 35/1/0.

A presentation made on this subject in an attempt to fulfill this motion at the October interim meeting of 802.3aq failed to get sufficient support. Some reasons for lack of support include failure to meet the requirements of the motion in the following ways:

- The channel was not specified as required by the motion, but chosen by the demonstrators;

- Only two EDC chip vendors products were included within the modules;

- The demonstration failed to provide sufficient evidence supporting technical feasibility as required by the motion. Technical feasibility is defined in these terms within the 5 Criteria: Demonstrated system feasibility, proven technology, reasonable testing, and confidence in reliability. System feasibility was not demonstrated as only the results of a selected set of "operational" fibers were reported without specifics on the launch conditions that were tried and that worked. In addition, the center launch condition used in the demonstration was not representative of actual center launches as it was filtered by the use of a singlemode patch cord, an unrecognized and unsupported patch cord for this application. The technology is not proven, as this is the first application of EDC technology for MMF, and only one vendor has shown sufficient data to demonstrate that the specifications can be met. Confidence in reliability cannot be assured due, in part, to lack of sufficient numbers of channels reported in the demonstration. The presentation reported results on the equivalent of one duplex 62.5 um channel, one half duplex channel of 50 um (OM2), and one half channel of OM3 fiber.

SuggestedRemedy

By the motion passed in November 2004, the task force may not proceed to sponsor ballot until fulfilling this motion's requirements to the satisfaction of the task force. Fulfill the requirements of the motion by addressing the shortcomings provided in the comment. Specifically provide interoperability results with the following conditions. The task force should define test channels for each media in sufficient numbers: three duplex channels, a minimum of six fibers of each media. At least three EDC chip vendors devices should be included. All results should be reported, including the launch conditions attempted for each combination of transmitter and fiber. No singlemode patch cords should be used for center launch. Two more EDC chip vendors should report their parametric distributions of compliance metrics.

Proposed Response Response Status C REJECT.

See responses to comment 2.

Passed without objectio	n.
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CI 0	SC	P 2	L 4	# 4
Kolesar	. Paul			

Comment Type ER Comment Status R

Referenced fiber standard is in error because the document publication date is wrong. There is no edition of this document that was published in 2003.

SuggestedRemedy

SuggestedRemedy: In the objectives document replace all six occurrences of "60793-2-10:2003" with "60793-2-10:2004".

Proposed Response Response Status C

REJECT

This comment was WITHDRAWN by the commenter.

C/ 68	SC 68-5	P 24	L 50	# 5
Kolesar, Pa	aul			

Comment Type TR Comment Status R

Draft fails broad market potential criteria. In July 2004 and November 2004, representatives of systems vendors stated via the 10GBASE-LRM email reflector that providing 300 m capability on legacy fiber was a strong and clear requirement, and that providing anything less was a "non-starter". The task force has studied the technology and concluded that providing a robust 300 m solution is not feasible. The draft therefore misses customer expectations, placing it in jeopardy of failing the broad market potential criteria.

SuggestedRemedy

Halt development of the document unless and until representatives of those same system vendors state that 220 m, the present maximum, is now an acceptable supportable distance.

Proposed Response Response Status U

REJECT.

Project objectives changed in line with Draft 2.4 by Motion 2 of November 05 Task Force meeting.

Draft 2.4 has achieved about 86% acceptance of 802.3 voters, many of whom are systems experts with knowledge of broad market potential.

Passed without objection.

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: Comment ID

Comment ID # 5

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C/ 68 SC 68-5	P 24	L 50	# 6	C/ 45	SC 4	5.2.1.10	Р	18	L 15	# 8
Kolesar, Paul				Dawe, Pier	S		Agile	ent		
Comment Type TR	Comment Status R			Comment	Туре	E	Comment Statu	5 A		
Document fails to fulfill sta	ated objective to support 30	00 m on multimoo	de fiber.	The 2 t	that subs	stitutes fo	r the stricken 1 sho	ould be u	nderlined. This p	oint is not worth
SuggestedRemedy				anothe	r recircu	lation to f	ix.			
SuggestedRemedy: Do n	ot progress to Sponsor Bal	lot until the docu	ment provides a	Suggested	Remedy					
solution the meets all its s	stated objectives.			When	opening	sponsor l	ballot, underline th	e 2 (in bla	ack).	
Proposed Response	Response Status U			Proposed I	Respons	е	Response Status	С		
REJECT.		ACCEI This ea	PT. dit will be	e impleme	ented in Draft 3.0.					
Comment resolution com	mittee does not control the	balloting process	S.							
Task Force recommender November 05 Task Force	d change to project objective meeting.	ves in line with D	aft 2.4 by Motion 2 of	Motion Editor implem	is author nent char	rised to us nges whe	se his discretion in en the next draft of	resolving 802.3aq	g E comments on is prepared.	D2.4, and to
Passed without objection.				Passed	d without	t oppositio	on.			
CI 44 SC 44.5	P16	L 28	# 7	C/ 45	SC 4	5.2.1.7.4	Р	17	L 31	# 9
Abbott, John				Dawe, Pier	S		Agile	ent		
Comment Type TR	Comment Status R			Comment	Туре	E	Comment Statu	6 A		
Table 44-4. Max channel OM3 fiber suggests that 2	length for 50um was reduc 220m is not rigorously supp	ed from 300m to orted, and becau	220m. Modeling for se new OM2 fiber will	In three propos	e places ed chan	, '52.4.n.' ge is less	is crossed out and than shown. This	replaced	d by 'xxx 68.n.n x not worth anothei	xx 52.4.n.'. Really, the r recirculation to fix.
be largely OM3 fall-out it i	is expected that there will b	e a problem with	OM2 as well. The	SuggestedRemedy When opening sponsor ballot, leave the '52.4.n.' in plain text at the end of each sentence:						
alternative remedy is to ir	re-checked as well. The len	gth needs to be I	educed. An							
SuggestedRemedy				neither	stricken	nor unde	erlined. Remove a	ny duplic	ate '52.4.n.'. Also	change 'subcluase' to
SuggestedRemedy: Char	nge 220m to 200m for 50un	n fibre.		subcia	iuse and	a disable.	as to disable, as			
Proposed Pespense	Posponso Status II			Proposed I	Respons	е	Response Status	C		
REJECT				ACCEI	21.					
The committee has not be distance needs to be char ewen_1_0905, which is u which has more recent Of support the distances in [een convinced, by the new nged. The committee also r nderstood to support the di M2 modelling results, and v D2.4.	modelling inform refers to the resu stances in D2.4. which the commit	ation shown, that the Its presented in Also to abbott_1_1105 tee interprets to	All edit	s will be	impleme	nted in Draft 3.0.			
Yes:16 No: 3 Abstain: 10										



Comment Type TR Comment Status R

The power budget does not close. The combined specifications for the transmitter, fiber and receiver do not ensure an operational link. Transmitters are permitted to produce outputs from the end of the fiber channel that exceed the level of stress that the receivers are required to handle. Specifically, the transmitter is permitted to produce transmit waveforms with dispersion penalties (TWDPs) that are 0.5 dB worse than that to which the receiver is tested. In addition, the "comprehensive stressed receiver sensitivity" test is not comprehensive, causing the power budget shortfall to widen further because it does not include jitter impairments and baseline wander. For both 1000BASE and 10GBASE optical PMDs these impairments were accounted for in the link budget analysis and representative jitter impairments were included in the receiver test. Such rigor is lacking in this draft.

SuggestedRemedy

Add jitter impairment to the receiver comprehensive SRS test in a manor similar to that of clause 52. Provide power budget closure by adjusting the test specifications to ensure closure with the added jitter impairment. Examples of adjustments include lowering the transmitter maximum TWDP, raising the receiver stressor waveform dispersion impairment, increasing the minimum available optical modulation amplitude.

Proposed Response Response Status C REJECT.

See proposed response to comment 1.

Passed without objection.

••••	•.•	•	-	- ••	
Ghiasi, Ali		Broade	com		
Comment Type	TR	Comment Status	R		

Dawve comment #18 from draft 2.3 and Ghiasi comment 67 from Draft 2.2

SuggestedRemedy

Current draft of 802.3aq has a very signifincat interoperablity hole as listed by Dawes comment 18 and Ghiasi comment 67 from darft 2.2. In faover of time to market we are comproprising every jitter toelerance fundamnetals as applied to 802.3ae, 802.3z, FC, IB, OIF CEI, SRIO, SAS, etc. Worse we are taking credit for low frequny < 4MHz jitter by using a CRU, but we don't test the receiver for the same jitter.

Further since when power supply jitter, DC-DC conver noise, PLL jitter peaking were only present for B2B! LRM standard to be successful need to define comprehensive jitter tolerance with SJ applied on top of the channel stressor per IEEE 802.3ae.

Proposed Response	Response Status	С
REJECT.		

This comment was WITHDRAWN by the commenter.

Note from editor:

Commenter indicated that they were not satisfied with this response. However comment closed by editor as i) it was withdrawn by commenter; and ii) this is a "pile on" comment. For these reasones recirculation of this comment is not required.

C/ 68	SC 5.3.1	P 28	L 13	# 12	C/ 68	SC 5.3.1	P 28	L 13	# 13
Gniasi, Ali					Gniasi, Ali				
Stress pulse is split sy	sensitivity for sy s already easer	mmetrical pulse is reduced by about 0.5 dB compare to creates serious hole for an i	to -6 dBm instead pre and post curs nstallation which	d of -6.5 dBm. Split sor. Weakening the wants to achieve high	Stress	ed sensitivity in nces what it mea	OMA for symmetrical test is ans.	added to the tab	le without any
degree	e of availability a	nd reliability.			This is	another instand	ce which the document is not	following IEEE	style requirement as
SuggestedRemedy Current IEEE symmetric pulse is more like a post cursor and we have observed split symmetric pulses with center and offset launch. The standard should not be relaxed for split symmetric because they often occur with center launch. We must have					stated the tes stress	James Comme st. Requires add or and provide r	ent 1 draft 2.3. Currently this ding foot note OMA sensitivity reference to the appendix.	paragraph is not when tested wi	connected to the rest of th symmetric pulse
split sy compre some s	metric becaus ehensive standa specific need.	e they often occur with cent rd based on worse case ins	er launch. We m tead of trying to ta	ust have ailor the standard to	Proposed REJE	<i>Response</i> CT.	Response Status C		
Make s	stress sensitivity	for stressor to be -7 dBm p	er Dudek Comme	nt 14 from D2.3.	This c	omment was WI	ITHDRAWN by the commented	er.	
Proposed I	Response	Response Status C							
REJEC	CT.				Comm	nenter requests	editor to consider comment a	s editorial input.	
This co	omment was WI	THDRAWN by the comment	er.		The in to put	formation needs all the informatio	ed has been added near the e on to needed to interpret Tab	end of 68.6.9.2. I le 68-5 in footno	t would not be practical tes. Table and clause
NOLE II	om eullor.						5.0.0.		
Comm closed	enter indicated by editor as it w	that they were not satisfied as withdrawn by commente	with this response r. For this reasone	e. However comment es recirculation of this	C/ 68 Swenson,	SC 6.5 Norman	P 31 ClariPhy Cor	L 40 nmunicati	# 14
comme	ent is not require	d.			Comment	Туре Т	Comment Status R		
					""eye o	crossing means	"" is not well-defined.		
					Suggested	Remedy			
					Chang which	ge ""determined the waveform c	by the eye crossing means"" rosses the mean value of the	to ""determined waveform in the	by the mean times at eye diagram.
					Proposed REJE	<i>Response</i> CT.	Response Status C		
					This c	omment was WI	ITHDRAWN by the commenter	er.	

C/ 68	SC 68.10	P 47	L 1	# 15	C/ 68	SC 68.10.3.6	6 P 51	L 6	# 18
Dawe, Pie	rs	Agilent			Dawe, Pie	rs	Agilent		
Comment	Type E	Comment Status A			Comment	Type E	Comment Status A	L.	
Capita lower	als (new format to case (except e.g.	follow). 'protocol implementa initial P in the title). This new	ation conformanc v point is not wor	e statement' to go in th another	Feature out of	re does not matc scope).	h clause. This point is r	not worth another re	ecirculation to fix (and is
Suggester	diation. dRemedy				Suggested	dRemedy			
When	opening sponsor	ballot, revise per comment (t	wo instances).		When	opening sponso	r ballot, change 'optics' t	to 'optic'.	
Proposed ACCE	Response PT.	Response Status C	· · · · · · · · · · · · · · · · · · ·		Proposed ACCE	Response PT.	Response Status C	;	
		Destino			Will be	e implemented in	Draft 3.0.		
	e implemented in	Draft 3.0.			C/ 68	SC 68.5	P 24	L 50	# 19
CI 68	SC 68.10.3.4	P 50	L 28	# 16	Abbott, Jo	hn			
Dawe, Pie	rs	Agilent			Comment	Type TR	Comment Status R		
Comment Bad cr Suggested When Proposed	Type E ross-reference. T dRemedy opening sponsor Response	Comment Status A 'his point is not worth another ballot, remove '.4' after '68.6. Response Status C	recirculation to f	ix.	Table meetin the EN fibers center OM3 r need t	68-2: OM3 lengt ng in abbott_1_1 MB needs to be r with higher PIE-I launch at 1300r needs to reduced to checked rigoro	h was changed from 300 005.pdf it was shown tha oughly 700MHz.km or th D. Fibers can meet the C im, and a review of the C I. The lengths for OM2 (busly before moving to s Devel of the streamers	Om to 220m at Oct at for a 220m lengt here will start to be DM3 spec without r DM3 modeling con which is closely rel ponsor ballot. As a	LRM meeting. At that h and a PIE-D of 4-4.2dB, a significant number of neeting a 700MHz.km firms this. The length for ated to OM3) and OM1 n alternate remedy, we
//OOL					Suggester				
Will be	e implemented in	Draft 3.0.			Reduc	ce OM3 length to	200m.		
Cl 68 Dawe, Pie Comment	SC 68.10.3.4 rs <i>Type</i> E	P 50 Agilent Comment Status A	L 48	# 17	Proposed REJE	Response CT.	Response Status U	I	
A stra	y capital. This po	int is not worth another recirc	ulation to fix (and	is out of scope).	The co is nec	omment resolutio essary.	on committee has not, at	this point, been c	onvinced that this change
Suggested When	opening sponsor	ballot, change 'Labeling' to 'la	abeling'.		See a	lso response to c	comment 7.		
Proposed ACCE	Response PT.	Response Status C			Yes: 2 No: 2 Absta	20 in: 7			
Will be	e implemented in	Draft 3.0.							

C/ 68 SC 68.5.1 P 26 L 31 # 20	C/ 68 SC 68.5.1 P26 L31 # 21
Swenson, Norman ClariPhy Communicati Comment Type TR Comment Status R This is a pile-on comment to Tom Lindsay's comment # 54 against D2.3. The TWDP limit is too low to pass production quality LR transceivers. SuggestedRemedy Increase the TWDP limit from 4.7 dB to 5.0 dB. Proposed Response Response Status C REJECT. See response to D2.3 comment 54. The committee remains interested in the outcome of the work suggested. For: 23 Against: 0 Abstain: 8 Note from editor:	Abbott, John Comment Type TR Comment Status R I am still unclear on why the value of TWDP is not the same as the largest value of PIE-D or P(14,5) for the three stressors - why is it 4.7 rather than 4.2? It seems as if the TWDP test can pass transmitters which the receiver is not set up to handle. SuggestedRemedy SuggestedRemedy: Document how transmitter and receiver tests are linked. Proposed Response Response Status C REJECT. The comment is out of scope as it does not address content of the draft, nor propose a remedy directed to the content of the draft. Also, see proposed response to comment 1. Yes: 21 No: 4 Abstain: 2
Commenter indicated that they were not satisfied with this response. However comment closed by editor as i) it was withdrawn by commenter; and ii) this is a "pile on" comment. For these reasones recirculation of this comment is not required.	Note from editor: This response does not satisfy the commenter, but has been "closed" by the editor as the comment resolution committee has deemed it to be out of scope, and it should therefore not appear in the recirculation package. CI 68 SC 68.5.1 P26 L 35 # 22 Abbott, John Comment Type TR Comment Status R Table 68-3, encircled flux values. footnote f p.27 line 8-9 is ambiguous about how the encircled flux measurement is to be made. The TIA FOTP 203 and IEC procedures use a 10m test jumper of MM fiber, while section 68.4.1 p.22 line 15 notes the patchcord is between two and five meters in length. The encircled flux measurement needs to be done on a 10m piece of fiber, not a 2-5m patch cord. Alternatively, the task force can determine the encircled flux after 10m when the measurement is done on a 2 meter piece and modify the supporting analysis. SuggestedRemedy augment footnote to say "This encircled flux specification, measured per IEC 61280-1-4 on a test jumper at least 10m in length, defines" Proposed Response Response Status C REJECT.

Comment ID # 22

Cl 68 SC 68.6.10 P 43 L 26 # 23 Dawe, Piers Agilent Cl 68 SC 68.6.9.3 P 40 L 53 # 26 Dawe, Piers Agilent Agilent Cl 68 SC 68.6.9.3 P 40 L 53 # 26 Dawe, Piers Agilent Agilent Agilent Cl 68 SC 68.6.9.3 P 40 L 53 # 26 Dawe, Piers Agilent Agilent Agilent Cl 68 SC 68.6.9.3 P 40 L 53 # 26 SuggestedRemedy When opening sponsor ballot, change to a working link to Table 68-4. Proposed Response Response Status C Comment Type E Comment Status R To help calibrate stressed eye generators, we could provide the Qs values for the th stressed cases. We can add them in sponsor ballot, though tile would point this out now so that those who can asy what the numbers are or have them ready for sponsor ballot. Proposed Response Response Status C Cl 68 SC 68.6.10 P 44 L 14 P 24 Dawe, Piers Agilent Cl 68 SC 68.6.10 P 44 L 14 P 24 To help calibrate stressed case. C REJECT. Dawe, Piers Agilent Comment T
Dawe, Piers Agilent Dawe, Piers Agilent Comment Type E Comment Status A Bad cross-reference. This point is not worth another recirculation to fix. SuggestedRemedy Comment Type E Comment Status R SuggestedRemedy When opening sponsor ballot, change to a working link to Table 68-4. Dawe, Piers Agilent Comment Type E Comment Type Comment Type <td< td=""></td<>
Comment Type E Comment Status A Bad cross-reference. This point is not worth another recirculation to fix. SuggestedRemedy To help calibrate stressed eye generators, we could provide the Qsq values for the tistressed cases as well as the unstressed case. We can add them in sponsor ballot, thought I would point this out now so that those who can say what the numbers are of have them ready for sponsor ballot. Proposed Response Response Status C ACCEPT. Edit will be implemmeted in Draft 3.0. SC 68.6.10 P 44 L 14 Image: Proposed Response Response Status C Comment Type E Comment Status A Tidy up and save space. This point is not worth another recirculation. SuggestedRemedy No action at this time. Vinho opening sponsor ballot, move the label 'Mode-conditioning patch cord' to above the optical attenuator, like the other figures. Proposed Response Response Status C Proposed Response Response Status C This comment Type E Comment Status A Comment Type E Comment Status A Tidy up and save space. This point is not worth another recirculation. SuggestedRemedy This comment was WITHDRAWN by the commenter. Proposed Response Response Status C C This comment
Bad cross-reference. This point is not worth another recirculation to fix. SuggestedRemedy When opening sponsor ballot, change to a working link to Table 68-4. Proposed Response Response Status C 68 SC 68.6.10 P 44 L 14 L 14 Z Ci 68 SC 68.6.10 P 44 L 14 Z Proposed Response Response Status C SuggestedRemedy No action at this time. Proposed Response Response Status C REJECT. Ci 68 SC 68.6.10 P 44 L 14 Z This comment was WITHDRAWN by the commenter. C SuggestedRemedy When opening sponsor ballot, move the label 'Mode-conditioning patch cord' to above the optical attenuator, like the other figures. This comment was WITHDRAWN by the commenter. This comment was WITHDRAWN by the commenter.
SuggestedRemedy when opening sponsor ballot, change to a working link to Table 68-4. stressed cases as well as the unstressed case. We can add them in sponsor ballot, thought I would point this out now so that those who can say what the numbers are of have them ready for sponsor ballot. Proposed Response Response Status C ACCEPT. Edit will be implemmeted in Draft 3.0. SuggestedRemedy Cl 68 SC 68.6.10 P 44 L 14 # [24] Dawe, Piers Agilent Response Status C REJECT. This comment was WITHDRAWN by the commenter. This comment was WITHDRAWN by the commenter. SuggestedRemedy When opening sponsor ballot, move the label 'Mode-conditioning patch cord' to above the optical attenuator, like the other figures. Response Status C Proposed Response Response Status C This comment was WITHDRAWN by the commenter.
Proposed Response Response Status C ACCEPT.
ACCEPT. Edit will be implemmeted in Draft 3.0. Cl 68 SC 68.6.10 P 44 L 14 # 24 Dawe, Piers Agilent Comment Type E Comment Status A Tidy up and save space. This point is not worth another recirculation. SuggestedRemedy When opening sponsor ballot, move the label 'Mode-conditioning patch cord' to above the optical attenuator, like the other figures. Proposed Response Response Status C
Edit will be implemmeted in Draft 3.0. Cl 68 SC 68.6.10 P 44 L 14 # 24 Dawe, Piers Agilent Proposed Response Response Status C Comment Type E Comment Status A Tidy up and save space. This point is not worth another recirculation. This comment was WITHDRAWN by the commenter. SuggestedRemedy When opening sponsor ballot, move the label 'Mode-conditioning patch cord' to above the optical attenuator, like the other figures. C Proposed Response Response Status C
CI 68 SC 68.6.10 P 44 L 14 # 24 Dawe, Piers Agilent This comment was WITHDRAWN by the commenter. Comment Type E Comment Status A Tidy up and save space. This point is not worth another recirculation. SuggestedRemedy When opening sponsor ballot, move the label 'Mode-conditioning patch cord' to above the optical attenuator, like the other figures. Proposed Response Response Status C
Dawe, Piers Agilent This comment was WITHDRAWN by the commenter. Comment Type E Comment Status A Tidy up and save space. This point is not worth another recirculation. SuggestedRemedy When opening sponsor ballot, move the label 'Mode-conditioning patch cord' to above the optical attenuator, like the other figures. Proposed Response Response Status C
Comment Type E Comment Status A Tidy up and save space. This point is not worth another recirculation. SuggestedRemedy When opening sponsor ballot, move the label 'Mode-conditioning patch cord' to above the optical attenuator, like the other figures. Proposed Response Response Status C
Tidy up and save space. This point is not worth another recirculation. SuggestedRemedy When opening sponsor ballot, move the label 'Mode-conditioning patch cord' to above the optical attenuator, like the other figures. Proposed Response Response Status C
SuggestedRemedy When opening sponsor ballot, move the label 'Mode-conditioning patch cord' to above the optical attenuator, like the other figures. Proposed Response Response Status C
When opening sponsor ballot, move the label 'Mode-conditioning patch cord' to above the optical attenuator, like the other figures. Proposed Response Response Status C
Proposed Response Response Status C
ACCEPT.
Edit will be implemented in Draft 3.0.
C/ 68 SC 68.6.6.2 P 35 L 14 # 25
Dawe, Piers Agilent
Comment Type E Comment Status A
It would be nice to indent the line in the 'for' loop. Other beautifications to the algorithm's listing (e.g. spaces between command and '%', and between '%' and comment) would be nice. These are not worth another recirculation to fix (and are out of scope).
SuggestedRemedy
When opening sponsor ballot, insert spaces wehre appropriate.
Proposed Response Response Status C
ACCEPT.
Will be implemented in Draft 3.0.

CI 68	SC Table 68-5	P 28	L 27	# 27
Weiner, Nick		Phyworks		

Comment Type T Comment Status R

At the October 802.3aq meeting Piers Dawe presented analysis [dawe_1_1005] on the topic of the ""symmetrical"" part of the comprehensive stressed receiver test. He showed, using the MC model, that this stressor significantly differs from channel responses anticipated in practice.

Piers also predicted that this case would prove to be the most severe of the three parts of the comprehensive stressed receiver sensitivity test.

Jonathan King presented measurement results [king_1_1005] that agreed with this prediction.

During the discussion a comment was made that the ""symmetrical"" stressor represents channel responses that may occur transiently. Detailed analysis leading to this conclusion was not presented though.

So it seems that the ""symmetrical"" case is likely to be the most difficult and therefore in the cost ""critical path"".

At the same time, there appears to be a question as to whether it is actually needed.

SuggestedRemedy

Commenter suggests that committee remains open to presentations that address this issue, with a view to making a change to the comprehensive stressed receiver test if sufficient evidence is provided to the effect that the test, as specified in Draft 2.4, is not appropriate.

Proposed Response Response Status C

REJECT.

The commenter has not made a case, to the satisfaction of the comment resolution committee, that a change to the document is required.

Passed without objection.