Cl 46 SC 46.3.3.3 P 45 L 13 # r02-2 RAN, ADEE Intel Corporation Intel Corporation Intel Corporation Intel Corporation	C/ 128 SC 128.7.1.6 P 117 L 36 # r02-8 RAN, ADEE Intel Corporation Intel Corporation Intel Corporation Intel Corporation					
Comment Type T Comment Status R The original text in this subclause ends with: A 10 Gb/s MAC/RS implementation is not required to process a packet that has an SFD in a position other than lane 3 of the column following the column containing the Start control character." This text allows only a 10 Gb/s MAC/RS not to process an SFD in lane 2; a 2.5 Gb/s MAC/RS has no such option. Therefore the added text here does not make any new requirements, and is only informative. SuggestedRemedy Make the whole paragraph a NOTE.	Comment Type T Comment Status A f is not divided by MHz and units for the return loss are missing here. SuggestedRemedy Either: Change equation 128-6 to use "f/625 MHz" (similar to equation 128-2) or Or Change the text after 128-6 to "for 615 <= f <= 2000 with f in MHz".					
Response Response Status C REJECT. The text as modified reads:	Response Response Status C ACCEPT IN PRINCIPLE. Merge the two equations using Equation 128A-1 as an example.					
A 10 Gb/s MAC/RS implementation is not required to process a packet that has an SFD in a position other than lane 3 of the column following the column containing the Start control character. To support 2.5GBASE-X compatibility with a 1000BASE-X PCS/PMA running 2.5 times faster as described in Annex 127A, a 2.5GBASE-X MAC/RS implementation is required to support an SFD received on either lane 2 or lane 3. The new text is defining the required behavior for a 2.5GBASE-X implementation that would not otherwise be defined. This is therefore normative and not appropriate for a note, which is informative.	Cl 128 SC 128.7.1.5 P 117 L 3 # r02-9 RAN, ADEE Intel Corporation Intel Corporation Comment Type E Comment Status A Figure 128-4 shows a line but does not state which side of the line is OK. The fact that the y-axis is downwards makes this error-prone. In similar figures there are indication of which side is good. See for example Figure 93-7. Also applies to Figure 128-5. Suggested Remedy.					
	Add "meets equation constraints" label at the appropriate place in both figures. <i>Response</i> ACCEPT. <i>Response</i> <i>Response</i> <i>Response</i> <i>Response</i> <i>Response</i> <i>Response</i> <i>Response</i> <i>Response</i> <i>Response</i> <i>Response</i> <i>Response</i> <i>Response</i> <i>Response</i> <i>Response</i> <i>Response</i> <i>Response</i> <i>Response</i> <i>Response</i> <i>Response</i> <i>Response</i> <i>Response</i> <i>Response</i> <i>Response</i> <i>Response</i> <i>Response</i> <i>Response</i> <i>Response</i> <i>Response</i> <i>Response</i> <i>Response</i> <i>Response</i> <i>Response</i> <i>Response</i> <i>Response</i> <i>Response</i> <i>Response</i> <i>Response</i> <i>Response</i> <i>Response</i> <i>Response</i> <i>Response</i> <i>Response</i> <i>Response</i> <i>Response</i> <i>Response</i> <i>Response</i> <i>Response</i> <i>Response</i> <i>Response</i> <i>Response</i> <i>Response</i> <i>Response</i> <i>Response</i> <i>Response</i> <i>Response</i> <i>Response</i> <i>Response</i> <i>Response</i> <i>Response</i> <i>Response</i> <i>Response</i> <i>Response</i> <i>Response</i> <i>Response</i> <i>Response</i> <i>Response</i> <i>Response</i> <i>Response</i> <i>Response</i> <i>Response</i> <i>Response</i> <i>Response</i> <i>Response</i> <i>Response</i> <i>Response</i> <i>Response</i> <i>Response</i> <i>Response</i> <i>Response</i> <i>Response</i> <i>Response</i> <i>Response</i> <i>Response</i> <i>Response</i> <i>Response</i> <i>Response</i> <i>Response</i> <i>Response</i> <i>Response</i> <i>Response</i> <i>Response</i> <i>Response</i> <i>Response</i> <i>Response</i> <i>Response</i> <i>Response</i> <i>Response</i> <i>Response</i> <i>Response</i> <i>Response</i> <i>Response</i> <i>Response</i> <i>Response</i> <i>Response</i> <i>Response</i> <i>Response</i> <i>Response</i> <i>Response</i> <i>Response</i> <i>Response</i> <i>Response</i> <i>Response</i> <i>Response</i> <i>Response</i> <i>Response</i> <i>Response</i> <i>Response</i> <i>Response</i> <i>Response</i> <i>Response</i> <i>Response</i> <i>Response</i> <i>Response</i> <i>Response</i> <i>Response</i> <i>Response</i> <i>Response</i> <i>Response</i> <i>Response</i> <i>Response</i> <i>Response</i> <i>Response</i> <i>Response</i> <i>Response</i> <i>Response</i> <i>Response</i> <i>Response</i> <i>Response</i> <i>Response</i> <i>Response</i> <i>Response</i> <i>Response</i> <i>Response</i> <i>Response</i> <i>Response</i> <i>Response</i> <i>Response</i> <i>Response</i> <i>Response</i> <i>Re</i>					

C/ 128 SC 128.7.1.8 P 118 L 36 # [102-13]	C/ 128A SC 128A.1 P 182 L 7 # [r02-31] RAN_ADEE Intel Corporation Intel Corporation </th					
 *** Field CommentType updated on 12/15/2017 from T to TR *** "The data pattern for jitter measurements shall be a low-frequency test pattern as defined in 48A.2" 	At the top part of figure 128A-2 the PMD transmit function is adjacent to TP01D-H, but at the middle part it is adjacent to TP0D-H.					
This data pattern is a square wave, so the measurement will not include any data-	The test points are aligned in the three parts of the figure, but the PMD transmit function is not. This is confusing.					
	SuggestedRemedy					
This is fine if there are other specifications that limit the transmitter's ISI, but I don't see any such specifications in this clause.	In the top part, move the "PMD transmit function" block to the left so that it is aligned with the same block in the middle part, and extend the arrows from this block to the "connector" accordingly.					
Receiver tests are performed with a lossy channel but not with a lossy transmitter. This may lead to lack of interoperability.	Response Response Status C ACCEPT IN PRINCIPLE.					
To prevent a transmitter with high ISI/DDJ/loss, the transmit jitter should be measured with a frequency-rich signal such as CJPAT (48A.5). This is specified in the similar clause 71. The jitter specification limits should also be similar to those of clause 71.	Change Figure 128A-2 to show the TP1D-H in the middel and bottom, with dashed line connecting, and TP0D-H at the top.					
SuggestedRemedy	Cl 128A SC 128A.1 P 183 L 2 # r02-32					
Change "low-frequency test pattern as defined in 48A.2" to "jitter tolerance test pattern defined in Appex 48A 5"	RAN, ADEE Intel Corporation					
	Comment Type TR Comment Status A					
Change the jitter maximum values in Table 128-4 to be equal to the ones in Table 71-4.	Figure 128A-3 does not show which side of the line is good, and its title is vague.					
Apply corresponding changes in PICS.	SuggestedRemedy					
Response Response Status W	Add a label "meets equation constraints" above the curve.					
REJECT.	Change the title to "Informative maximum differential insertion loss from TP0 to TP5".					
This comment was WITHDRAWN by the commenter.	Response Response Status W ACCEPT.					
C/ 69B SC 69B.4.2 P 171 L 28 # [r02-23] RAN, ADEE Intel Corporation Intel Corporation Intel Corporation Intel Corporation	C/ 128A SC 128A.3.1.3 P 188 L 3 # [r02-38]					
Comment Type E Comment Status A Figure 69B-2a includes a grid while the existing Figure 69B-2 doesn't.	Comment Type TR Comment Status A Figure 128A-7 does not show which side of the line is good					
The grid may be removed for visual clarity and consistence.	Suggested Remedy					
SuggestedRemedy	Add a label "meets equation constraints" below the curve.					
Consider removing the grid.	Response Response Status W					
Response Response Status C ACCEPT IN PRINCIPLE.	ACCEPT IN PRINCIPLE.					
Remove the grid to match the other Figures of the same type.	Also add "limit" to the end of the title of Figure 128A-7 (and check others).					

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 r02-38 Pa

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C/ 128A SC 128A.3.1.4.1 P 188 L 33 # r02-39 RAN, ADEE Intel Corporation Intel Corpora	C/ 128A SC 128A.3.1.7 P 189 L 10 # r02-42 RAN, ADEE Intel Corporation Intel Corporati
Comment Type T Comment Status A "rather than TP2 (see Figure 128A-4)"	Comment Type TR Comment Status R PRBS9 is not a defined test pattern for a 2.5GBASE-X PHY. Neither the PMD nor the PCS have these test pattern even as optional capabilities
TP2 does not appear in that figure. It appears in Figure 85-2, and I'm not sure it is	have these the DOO expressions and a supervise of the sup
SuggestedRemedy Change the reference to Figure 85-2, or delete "(see Figure 128A-4)"	in addition, the PCS never generates or expects a run of more than 5 bits, while this pattern has multiple runs up to 9 bits long. So even loopback may be impossible, since the receiver may not be able to receive PRBS9 correctly.
Response Response Status C ACCEPT IN PRINCIPLE.	Since PRBS9 is used here only for the SNDR measurement (which uses the linear-fit procedure), we can remove it if the SNDR is defined in another way, such as with a square wave pattern.
Change the reference to Figure 85-2.	SuggestedRemedy
	Change the test definition in this clause as follows:
RAN, ADEE Intel Corporation	Use the test pattern defined in Annex 48A.5 (five 1's and five 0's); maintain the reference equalizer from 93A.1.4.3, with values from Table 128A-2.
Parentheses should not be italicized. Also missing period after "128A.3.1.4.1". SuggestedRemedy fix per comment. Response Response Status C ACCEPT.	Capture a large enough number of cycles of the test pattern to enable the desired measurement accuracy, sampling 10 samples per cycle such that the samples closest to the zero-crossings are approximately 0.5 UI away from the zero-crossing. The reference equalizer is applied in the measurement. Label the samples v_1 to v_N, where N is the ten times the number of cycles. Define V_avg as the average of the samples. Define A as the mean of the absolute difference between each sample and V_avg (A = Sigma[abs(V_i-V_avg)]/N, i=1 to N). Define sigma_n+ as the RMS of the difference between each positive sample and A (sigma_n+ = Sqrt(Sigma[(V_i-A)^2]^*2/N), for all i where V_i>0). Define sigma_n- as the RMS of the difference between each negative sample and -A (sigma_n- = Sqrt(Sigma[(V_i+A)^2]^*2/N), for all i where V_i<0). Define SNDR as 10*log10(A^2/((sigma_n+)^2 + (sigma_n-)^2), with the reference equalizer setting that yields the bighest value for that ratio
	Response Response Status W REJECT. While it is true that the 8B/10B code is restricted to a run length of 5 bits, the sutibility of a test pattern should be based on its low frequency content and not its run length. It has not been demonstrated that the suggested remedy provides an adequate measure of distortion and noise. In addition this comment is out of scope because it does not relate to changes made between D3.1 and D3.2 or an unsatisfied negative comment.
TYPE: TR/technical required ER/editorial required GR/general required T/technical E/editorial G/ge COMMENT STATUS: D/dispatched A/accepted R/rejected RESPONSE STATUS: O/open W/writ SORT ORDER: Comment ID	eneral Comment ID r02-42 Page 3 of 8 ten C/closed U/unsatisfied Z/withdrawn 2/9/2018 3:41:48 PM

C/ 128A SC 128A.3.2.2 P 190 L 33 # r02-43	C/ 128A SC 128A.3.1.4 P 188 L 28 # r02-45						
Commont Trace TB Commont Status	Comment Time TB Comment Statue						
"The data pattern used for the receiver interference tolerance test shall be PRBS7"	The transmitter output waveform specification uses the procedure in 92.8.3.5.1. But that procedure uses a PRBS9 test pattern which is not a valid pattern for a 2.5GBASE-KX PHY.						
 PRBS7 is not a valid pattern for a 2.5GBASE-KX PHY, and there is no error counting capability defined for this pattern (it is actually not use by any clause in 802.3). Even if the test is performed with loopback, the receiver or its transmitter may be unable to handle this pattern correctly. Receiver tolerance should be done with a test pattern representing real traffic; for example Clause 128 specifies using the test pattern defined in 48A.4 (proposed to be changed to 48A.5 in comment r02-10). Also applies to the drive interference tolerance test in 128A.3.4.2 and to the host and drive 	This test may not be possible to conduct with some compliant transmitters. Also, since an 8B/10B transmitter does not generate all possible combinations of ISI cursors (for example, it can't generate long unbalanced sequences or long runs), this kind of analysis is not meaningful. Specifically the steady-state voltage from this analysis cannot appear with valid data (unlike in BASE-R PHYs). Clause 128 has different measurement methods. They should be followed here, and extended if necessary. The limit values for these specifications may be different due to the measurement point.						
jitter tolerance tests in 128A.3.2.3 and 128A.3.4.3.	The drive output characteristics in 128A 3.3.1 have the same issue						
SuggestedRemedy							
Change "PRBS7" to the test pattern defined in 48A.5", here and in 128A.3.2.3, 128A.3.4.2, and 128A.3.4.3.	These specifications are also referenced in the receiver interference tolerance tests and their associated tables, so those should be changed too.						
	SuggestedRemedy						
Update the PICS accordingly.	For the host output:						
Response Response Status W ACCEPT.	Delete 128A.3.1.4 entirely. (possibly add instead specifications similar to those of 128.7.1.4 (Output amplitude) and 128.7.1.7 (Transition time), but these can be referenced directly).						
C/ 128A SC 128A.3.2.2 P 190 L 28 # [r02-44] RAN, ADEE Intel Corporation Intel Corporation	In Table 128A-1: - Delete the "Output waveform" row.						
"from f1 in Table 69B-2 to 0.5 times the signaling speed for the port type under test" f1 has two values in that table: and this Annex is specific to 2.5GBASE-KX.	- Add a row for Peak-to-peak differential output voltage (min) with value 580 mV and (max) with value 1200 mV, measured per 128.7.1.4. (The min value accounts for the expected attenuation of a 10-UI-period square wave launched at 800 mV, with the maximum IL).						
SuaaestedRemedy	Add a row for Maximum transition time (20%, 80%) with value 460 ps, measured por						
Change this sentence to "from 0.312 GHz to 1.5625 GHz".	128.7.1.7. (The value matches the pulse-peak-to-steady-state ratio: 60%*UI/0.42).						
Response Response Status C REJECT. The text is specific to 2.5GBASE-KX and intentionally references the table to avoid double documentation. In addition this comment is out of scope because it does not relate to changes made	Update and reorder 128A.3.4.2 (drive input receiver interference tolerance) so that in step c) the amplitude is adjusted to meet the PTP output voltage in Table 128A-8, and in step d) the ISI channel is adjusted to meet the transition time in Table 128A-8. Update table 128A-8 accordingly, replacing the first two rows with the min PtP output voltage and max transition time of the host. Apply the same changes in 128A.3.4.3 (drive input receiver jitter tolerance) replacing Table 128A-8 with Table 128A-9.						
between D3.1 and D3.2 or an unsatisfied negative comment.	For the drive output:						

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

Delete 128A.3.3.1, 1	28A.3.3.2 and 128A.3.3.3.	C/ 128 SC 128.	7.1.8	P 118	L 36	# r02-46		
In Table 128A-6:		RAN, ADEE		Intel Corporati	on			
 Delete the "Output Add a row for Peak with value 1200 mV, square wave at the output 	waveform" row. k-to-peak differential output voltage (min) with value 800 mV, and (max) measured per 128.7.1.4. (The expected attenuation of a 10-UI-period drive output is negligible).	Comment Type T Comment Status R "The data pattern for jitter measurements shall be a low-frequency test pattern as defined in 48A.2"						
- Add a row for Maxi 128.7.1.7. (The valu	mum transition time (20%-80%) with value 229 ps, measured per e matches the pulse-peak-to-steady-state ratio: 60%*UI/0.84).	I am fine with measuring jitter with a square wave, but this low frequency means that the edges are infrequent and therefore the measurement is 5 times longer than it would be with a high-frequency test pattern.						
Update and reorder 128A.3.2.2 (host input receiver tolerance) so that in step c) the amplitude is adjusted to meet the PTP output voltage in Table 128A-3, and in step d) the ISI channel is adjusted to meet the transition time in Table 128A-3. Update table 128A-3		Since 128.7.1.9 says "Jitter specifications are specified for BER 10^-12", accurate measurements will take a very long time.						
time of the drive. Apply the same char	accordingly, replacing the first two rows with the min PtP output voltage and max transition time of the drive. Apply the same changes in 128A.3.2.3 (host input receiver jitter tolerance) replacing Table 128A-3 with Table 128A-4.	The test pattern in 48A.1 can be used for faster measurement of the same number of edges. It is also the pattern used for DCD measurement.						
128A-3 with Table 1		SuggestedRemedy						
Update the PICS ac	cordingly.	Change the quoted sentence to "The data pattern for iitter measurements shall be a high-frequency test pattern as defined						
Response	Response Status W	in 48A.1".	,					
ACCEPT.		Delete the next naragraph (I 39)						
		Response	Respon	se Status C				
		REJECT.						
	The low frequency test pattern was chosen for its content. It can be extrapolated to BER = 1E-12 in a reasonable time, if needed.							
		In addition this comment is out of scope because it does not relate to changes made between D3.1 and D3.2 or an unsatisfied negative comment.						

Cl 128A SC 128A.3.2.2 P 190 L 45 # r02-47 RAN, ADEE Intel Corporation	C/ 130A SC 130A.3.1 P 216 L 5 # [r02-53] RAN, ADEE Intel Corporation						
Comment Type T Comment Status R	Comment Type TR Comment Status A						
"Adjust pattern generator random jitter to the required value"	Host output measurements should be performed with AC coupling to the test equipment, since the host transmitter is normally used with an AC-coupled receiver.						
This reads as if the value is directly programmed in the pattern generator control. Instead, the instrument should be adjusted to meet the maximum random jitter (as in previous items).	This is shown in the PMD test setup diagrams (e.g. Figure 128B-1), but not mentioned here.						
Also applies to 128A.3.2.3, 128A.3.4.2, and 128A.3.4.3. Also applies to 130A 4.2, 130A 4.3, 130A 6.2, and 130A 6.3	Also applies to Drive output measurements, 130A.5.						
Suggested Pomodu	SuggestedRemedy						
Change the gueted sentence to	In the paragraph starting at L40, change:						
"Adjust pattern generator random jitter to meet the random jitter (peak-to-peak)"	"A test system with a fourth-order Bessel-Thomson low-pass response with 8 GHz 3 dB bandwidth is to be used for all output signal measurements"						
Apply similarly in 128A.3.2.3, 128A.3.4.2, 128A.3.4.3, 130A.4.2, 130A.4.3, 130A.6.2, and 130A.6.3.	to						
Response Response Status C	"A test system as depicted in Figure 128B-1, with a fourth-order Bessel-Thomson low-pase						
REJECT.	response with 8 GHz 3 dB bandwidth, is to be used for all output signal measurements".						
This language is used in other related standards used as basis for this testing.	Apply a similar change in 130A.5.						
In addition this comment is out of scope because it does not relate to changes made between D3.1 and D3.2 or an unsatisfied penative comment	Response Response Status W						
CI 130A SC 130A.1 P 212 L 2 # r02-52 RAN, ADEE Intel Corporation Intel Corporation Comment Type E Comment Status A something is missing in "(one direction shown)". (also subject of another comment)							
SuggestedRemedy							
Response Response Status C ACCEPT IN PRINCIPLE.							
Change first sentence at line 1 to: "The 5GSEI link is described in terms of a host 5GSEI component and a drive 5GSEI component, each with associated insertion loss. Figure 130A-2 and Equation (130A–1) depict a typical 5GSEI application and summarize the informative differential insertion loss budget.							

C/ 130 SC 130.7.1 P 148 L 31 # [r02-55] RAN, ADEE Intel Corporation Intel Corporation <td< th=""><th>C/ 69A SC 69A.2.1 P 166 L 6 # [r02-61] Healey, Adam Broadcom Ltd. Broadcom Ltd.</th></td<>	C/ 69A SC 69A.2.1 P 166 L 6 # [r02-61] Healey, Adam Broadcom Ltd. Broadcom Ltd.
Comment Type T Comment Status R The maximum jitter values in Table 130-4 are such that TJ=RJ+DJ; this is impossible, since jitter is a random process and the distribution peaks are not additive. There is actually no need to define DJ separately, since the combination of RJ and TJ limits it. I'm using clause 85 for an example of jitter specifications excluding DDJ (since the measurement in clause 130 uses a square wave pattern that creates no DDJ). In that clause, TJ=RJ+0.1 UI.	Comment Type T Comment Status A The inserted paragraph is an almost complete duplication of the existing paragraph except that one is a requirement for 1000BASE-KX. 10GBASE-KX4, etc. while the other is for 2.5GBASE-KX and 5GBASE-KR. For the latter, it seems that the last sentence of the original paragraph has been omitted. Without this sentence, it is unclear how an "equivalent stress may be introduced in the test channel". SuggestedRemedy If the intended method is to define an adjustment to b3 as described by Equation (69A-1), then there is no need to change the paragraph starting at line 47 (p165) or insert the new paragraph starting at line 6 (p166). In this case, remove the change and insertion.
Also applies to Annex 130A output tests and interference tolerance stress. SuggestedRemedy Change the jitter maximum values in Table 130-4, Table 130A-1, Table 130A-4, Table 130A-7, and Table 130A-10 to be: Random jitter: 0.15 UI Total jitter: 0.25 UI	method is intended to be different, it should be described. Response Response Status C ACCEPT IN PRINCIPLE. The method to apply the equivalent stress needs to be described. Based on this remove the change to existing third paragraph in 69A.2.1 and remove the added new paragraph after the equation (69A–1).
Apply corresponding changes in the PICS. Response Response Status C REJECT. The jitter requirements in Table 130-4 are all separate limits. There is no requirement that they must mathematically relate to each other in any particular way.	

In addition this comment is out of scope because it does not relate to changes made between D3.1 and D3.2 or an unsatisfied negative comment.

C/ 130A SC 1 RAN, ADEE	30A.3.1	P 216 Intel Corpora	L 29 tion	# r02-62	<i>C</i> / 130A RAN, ADEE	SC 130A.5	I	P 225 ntel Corpora	L 27 tion	# r02-65	
Comment Type	TR Com	ment Status A			Comment T	ype T	Comment St	atus A			
In Table 130A- to 1.3. From th before a transit	1, Pre-cursor equent of Rp e definition of Rp tion) can be from	ualization ratio is spo ore in 130.7.1.10, this 0 to 1.3 times highe	ecified as 0.65 + s means that v2 er than the stead	/- 0.65 which means 0 (the voltage 1 UI y-state voltage.	In anoti host ou	her comment I s tput.	suggest using c(-	1) instead of	f pre-cursor equal	ization ratio for the	
This wide rang	e does not make	sense; it is effective	ely saying "anyth	ing goes".	This ma since it	ay also apply he is in short dista	ere, for the drive ance from the PN	output; at TF ID's transmit	P2D-H, the c(-1) s ter, which is pre-e	hould still be negative mphasized.	
Note that At the PMD's transmitter, the pre-cursor ratio should be 1.2 to 1.3 (Table 130-4) due to pre-emphasis. But ISI created by the channel will reduce this ratio at TP4H-D. A value of 1 is ideal; any deviation from 1 is the ISI left to the receiver. Simple receivers will				The nominal pre-emphasis creates Rpre=1.25 +/- 0.05, corresponding to c(-1) from -0.1 to - 0.15. Reasonable limits at TP2D-H are -0.125 (min) and -0.075 (max).							
not be able to o	ratio as defined	precursor, so the precursor, s	cult to measure	e controlled. after the host channel,	Alternatively, pre-cursor equalization ratio can be maintained, but there should be a reference to its definition (130.7.1.10). Note that direct measurement of Rpre may prove difficult.						
since the value	v2 will not be or	n a "flat" voltage as i	n Figure 130-7.		Suggested	Remedy					
Instead, the lin	ear fit procedure	specified in 130A.3.	3.1 (defined in 9	2.8.3.5.1) can also be	Create	new subclause	130A.5.3 titled "	Pre-cursor c	oefficient" with the	e text:	
normalized pre	cursor value - ex	actly what we want	to control.		The Pre	e-cursor coeffici	ient, c(-1), is dete	ermined acco	ording to 130A.5.	Ι.	
A recommende values from 1.2	A recommended range for c(-1) is between -0.05 to +0.05. This corresponds to Rpre values from 1.11 to 0.9 respectively, which would leave precursor poise up to 10% of the		In Table 130A-7, replace "Pre-cursor equalization ratio" with "Pre-cursor coefficient", referenced to 130A.5.3, with limits -0.125 to -0.075.								
main pulse (for	receivers which	do not handle precu	irsor at all, this v	vill create vertical eye	Response	Response Response Status C					
closure of ~10	%).				ACCEPT IN PRINCIPLE.						
This may also should still be r emphasized (o	apply to 130A.5 v negative since it riginally with Rpr	which measures the is in short distance f e=1.25, correpondin	drive output; at rom the PMD's t g to c(-1)=-0.12	that test point, the c(-1) ransmitter, which is pre- 5).	Add ref and Ta	erence definitio ble 130A-1.	on (130.7.1.10) to	the subclau	se reference colu	mn of Table 130A-7	
SuggestedRemedy	/										
Create new su	bclause 130A.3.3	3.3 titled "Pre-cursor	coefficient" with	the text:							
The Pre-cursor	coefficient, c(-1)), is determined acco	ording to 130A.3	.3.1.							
In Table 130A- referenced to 1	1, replace "Pre-c 30A.3.3.3, with v	ursor equalization ra	atio" with "Pre-cu	irsor coefficient",							
Response	Respo	onse Status W									
ACCEPT IN P	RINCIPLE.										
Apply suggeste value +/- 0.1.'.	ed remedy with th	ne exception that '	value +/- 0.05.	' is replaced by '							
TYPE: TR/technica COMMENT STATU	I required ER/ed JS: D/dispatched	ditorial required GR/ A/accepted R/reie	general required	I T/technical E/editorial G NSE STATUS: O/open W/v	/general vritten C/closed	U/unsatisfied Z	Z/withdrawn	Comm	ent ID r02-65	Page 8 of 8 2/9/2018 3:41:4/	

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