C/ 120F SC 120.F.3.1 P 208 L 1 # 140	C/ 163 SC 163.9.3 P 180 L 17 # 7						
Ghiasi, Ali Ghiasi Quantum/Inphi	Mellitz, Richard Samtec						
Comment Type T Comment Status D TP0v (bucke	) Comment Type TR Comment Status D TP5v (bucket2)						
Until it is proven TP0v with real measurement the electrical characteristics should be at	TP5a is moot and replaced by TP5v						
I P0a, there is no need create all this confusion and complexity by introducing I P0v when the solution is trivial just increase the DUT board loss to 2.4 dB as we have done for MCB	SuggestedRemedy						
and HCB!	remove references to TP5a and replace with TP5v.						
SuggestedRemedy	Proposed Response Response Status W						
Change TP0v to TP0a	PROPOSED ACCEPT IN PRINCIPLE.						
Proposed Response Response Status W PROPOSED REJECT.	Resolve using the response to comment #40.						
Resolve using the response to comment #135. [Editor's note: CC: 120F, 163]	[Editor's note (to be removed when this comment is closed): This comment has been added to bucket #2. Related comment #40 was closed as and as a consequence this comment may be closed as written.]						
[Editor's note (to be removed when this comment is closed): Added to Bucket #2. Similar comment #135 was closed as REJECT. This comment should close as a consequence of closing comment #135.]	C/ 163 SC 163.9.3.2 P 181 L 1 # 81   Brown, Matt Huawei						
	Comment Type T Comment Status D RX test fixture (bucket2)						
C/120F SC 120F.3.2 $P211$ $L32$ $#$ 14	In Draft 1.3, the transmitter test fixture specification (TP0 to TP0a) was replace with a new test fixture specification (TP0 to TP0y). The receiver test fixture should be rewritten to						
Commont Tuno TB Commont Status D TD5v /buoks	match the new transmitter test fixture specification. SuggestedRemedy						
TP5a is moot and replaced by TP5v							
SugaestedRemedy	Align the receiver test fixture specification with the new transmitter test fixtures						
point to Rx table in 163 line done in table 120F-1	specification based upon slide 12 of the following presentation: https://www.jeee802.org/3/ck/public/adhoc/sept16_20/brown_3ck_adhoc_01a_091620.pdf						
Proposed Response Response Status W	In 163 and 120F, replace all references to TP5a with TP5v.						
PROPOSED ACCEPT IN PRINCIPLE.	Proposed Response Response Status W						
Resolve using the response to comment #40.	PROPOSED ACCEPT IN PRINCIPLE.						
	Resolve using the response to comment #40.						
[Editor's note (to be removed when this comment is closed): This comment has been added to bucket #2. Related comment #40 was closed as and as a consequence this comment may be closed as written.]	[Editor's note (to be removed when this comment is closed): This comment has been added to bucket #2. Related comment #40 was closed as and as a consequence this comment may be closed as written.]						

C/ 163 SC 163.9.3.2

d <b>TR</b> to reason why the to one.	Samtec Comment Status D		RX test fixture (bucket?)	Ben-Artsi,	Liav		Marvell Semi	conductor lto	d.		
e <b>TR</b> of reason why the one.	Comment Status D		RX test fixture (bucket?)	<b>^</b>							
o reason why the one.	receive test fixture sne		I I I I I I I I I I I I I I I I I I I	Comment	Туре	E	Comment Status D		TP5v [bucket2]		
		cification shou	Id be different from the	Accord output	ding to di	rection of	the entire path, TP5a is the	e input to the	test fixture and not the		
nedy				Suggested	lRemedy						
e transmitter spe	ecification for test fixture			Chang	e: "Unles	ss otherw	ise noted, measurements o	f the receive	r are made at the output of		
DONSE R	esponse Status W PRINCIPLE.			a test fixture (TP5a) as shown in Figure 163–5." to: "Unless otherwise noted, measurements of the receiver are made at the input of a test fixture (TP5a) as shown in Figure 163–5."							
sing the respons	e to comment #40.			Proposed	Respons	e	Response Status W				
ote (to be remov	ed when this comment is	s closed). This	comment has been	PROP	OSED A	CCEPT.					
ucket #2. Relate may be closed a	ed comment #40 was clo s written.]	sed as and as	a consequence this	Closed	d comme	nt #40 re	sults in TP5a being updated	d to TP5v.			
C 163.9.3.2	P 181	L <b>3</b>	# 68	Implen	nent the	suggeste	d remedy, except replace "	TP5a" with "T	TP5v".		
	Intel			[Editor	's note (t	o be rem	oved when this comment is	closed). The	e response of this comment		
Comment Type T Comment Status D RX test fixture (bucket2)						was updated to reflect the response of comment #40. Since this comment appears to be					
est fixture define	d here is not realistic (IL	of 1.2-1.6 dB	at 25.56 GHz). The test	non-co	ontrovers	ial it has	been added to bucket #2.]				
fixture specification should be similar to the transmitter's test fixture.							P 181	L 18	# 137		
neay roocivor toot fivi	ura aubalauca (162.0.2.)	2) to motob 16	2021 or point to it	Ghiasi, Ali			Ghiasi Quant	um/Inphi			
				Comment TypeTRComment StatusDRX test fixture (bucket2)Inccrease the loss from 1.2 dB and 1.6 dB							
	esponse Status W										
	RINGIPLE.			Suggested	lRemedy						
sing the respons	e to comment #40.			to 2.2 a	and 2.6 c	βB					
[Editor's note (to be removed when this comment is closed): This comment has been added to bucket #2. Related comment #40 was closed as and as a consequence this						e CCEPT I	Response Status W N PRINCIPLE.				
nay be closed a	s written.]			Pacaly		the record	nco to commont #40				
				Resolu	e using i	ine respu	rise to comment #40.				
				[Editor added comme	's note (t to bucke ent may l	o be rem et #2. Rel be closed	oved when this comment is ated comment #40 was clos as written.]	closed): Thi sed as and a	s comment has been s a consequence this		
	D ACCEPT IN F ing the respons te (to be removing ucket #2. Relate nay be closed at <b>C 163.9.3.2</b> <b>T (</b> est fixture define cification should nedy receiver test fixt conse <b>R</b> D ACCEPT IN F ing the respons the (to be removing ucket #2. Relate nay be closed at	D ACCEPT IN PRINCIPLE. ing the response to comment #40. te (to be removed when this comment is ucket #2. Related comment #40 was clo hay be closed as written.] <b>C 163.9.3.2</b> P 181 Intel <b>T</b> Comment Status <b>D</b> est fixture defined here is not realistic (IL cification should be similar to the transm hedy receiver test fixture subclause (163.9.3.2 bonse Response Status <b>W</b> ED ACCEPT IN PRINCIPLE. Sing the response to comment #40. te (to be removed when this comment is ucket #2. Related comment #40 was clo nay be closed as written.]	D ACCEPT IN PRINCIPLE. ing the response to comment #40. te (to be removed when this comment is closed): This ucket #2. Related comment #40 was closed as and as hay be closed as written.] C 163.9.3.2 P181 L3 Intel T Comment Status D st fixture defined here is not realistic (IL of 1.2-1.6 dB cification should be similar to the transmitter's test fixture hedy receiver test fixture subclause (163.9.3.2) to match 16 conse Response Status W D ACCEPT IN PRINCIPLE. Sing the response to comment #40. te (to be removed when this comment is closed): This ucket #2. Related comment #40 was closed as and as nay be closed as written.]	D ACCEPT IN PRINCIPLE. ing the response to comment #40. te (to be removed when this comment is closed): This comment has been ucket #2. Related comment #40 was closed as and as a consequence this hay be closed as written.] C 163.9.3.2 P181 L 3 # 68 Intel T Comment Status D RX test fixture (bucket2) ast fixture defined here is not realistic (IL of 1.2-1.6 dB at 25.56 GHz). The test ification should be similar to the transmitter's test fixture. hedy receiver test fixture subclause (163.9.3.2) to match 163.9.2.1 or point to it. Donse Response Status W D ACCEPT IN PRINCIPLE. ing the response to comment #40. te (to be removed when this comment is closed): This comment has been ucket #2. Related comment #40 was closed as and as a consequence this hay be closed as written.]	D ACCEPT IN PRINCIPLE. ing the response to comment #40. te (to be removed when this comment is closed): This comment has been ucket #2. Related comment #40 was closed as and as a consequence this hay be closed as written.] C 163.9.3.2 P 181 L 3 # 68 Impler Intel T Comment Status D RX test fixture (bucket2) ast fixture defined here is not realistic (IL of 1.2-1.6 dB at 25.56 GHz). The test cification should be similar to the transmitter's test fixture. hedy receiver test fixture subclause (163.9.3.2) to match 163.9.2.1 or point to it. D ACCEPT IN PRINCIPLE. ing the response to comment #40. te (to be removed when this comment is closed): This comment has been ucket #2. Related comment #40 was closed as and as a consequence this nay be closed as written.] Resolv [Editor Was up non-cc C/ 163 Suggested to 2.2 Proposed. PROP	D ACCEPT IN PRINCIPLE. ing the response to comment #40. te (to be removed when this comment is closed): This comment has been ucket #2. Related comment #40 was closed as and as a consequence this nay be closed as written.] C 163.9.3.2 P 181 L 3 # 68 Intel T Comment Status D RX test fixture (bucket2) ist fixture defined here is not realistic (IL of 1.2-1.6 dB at 25.56 GHz). The test ification should be similar to the transmitter's test fixture. hedy receiver test fixture subclause (163.9.3.2) to match 163.9.2.1 or point to it. ponse Response Status W ID ACCEPT IN PRINCIPLE. ing the response to comment #40. the (to be removed when this comment is closed): This comment has been ucket #2. Related comment #40. the (to be removed when this comment is closed): This comment has been ucket #2. Related comment #40 was closed as and as a consequence this nay be closed as written.] Editor's note (to added to bucket comment may	D ACCEPT IN PRINCIPLE. ing the response to comment #40. te (to be removed when this comment is closed): This comment has been ucket #2. Related comment #40 was closed as and as a consequence this nay be closed as written.] C 163.9.3.2 P 181 L 3 # 68 Intel T Comment Status D RX test fixture (bucket2) ist fixture defined here is not realistic (IL of 1.2-1.6 dB at 25.56 GHz). The test cification should be similar to the transmitter's test fixture. hedy receiver test fixture subclause (163.9.3.2) to match 163.9.2.1 or point to it. D ACCEPT IN PRINCIPLE. ing the response to comment #40. te (to be removed when this comment is closed): This comment has been ucket #2. Related comment #40 was closed as and as a consequence this nay be closed as written.] made at the input of a te shown in Figure 163–5." PROPOSED ACCEPT. Closed comment #40 re Implement the suggeste [Editor's note (to be rem was updated to reflect th non-controversial it has C/ 163 SC 163.9.3.2 Ghiasi, Ali Comment Type TR Inccrease the loss from SuggestedRemedy to 2.2 and 2.6 dB Proposed Response PROPOSED ACCEPT I Resolve using the response Id the removed when this comment is closed): This comment has been ucket #2. Related comment #40 was closed as and as a consequence this nay be closed as written.]	D ACCEPT IN PRINCIPLE. ing the response to comment #40. te (to be removed when this comment is closed): This comment has been ucket #2. Related comment #40 was closed as and as a consequence this nay be closed as written.] C 163.9.3.2 P 181 L 3 # [58 Intel C C 163.9.3.2 P 181 C 2.1.6 dB at 25.56 GHz). The test iffication should be similar to the transmitter's test fixture. Proposed Response C to be removed when this comment is was updated to reflect the response of comment #40 non-controversial it has been added to bucket #2.] C/ 163 SC 163.9.3.2 P 181 Ghiasi, Ali Ghiasi Quant Comment Type TR Comment Status D Inccrease the loss from 1.2 dB and 1.6 dB SuggestedRemedy to 2.2 and 2.6 dB Proposed Response Status W PROPOSED ACCEPT IN PRINCIPLE. Resolve using the response to comment #40 was closed as and as a consequence this nay be closed as written.] Resolve using the response to comment #40 was closed as and as a consequence this and be closed as written.] Resolve using the response to comment #40 was closed as and as a consequence this and be closed as written.]	D ACCEPT IN PRINCIPLE. ing the response to comment #40. te (to be removed when this comment is closed): This comment has been ucket #2. Related comment #40 was closed as and as a consequence this hay be closed as written.] C 163.9.3.2 P 181 L 3 # 68 Intel T Comment Status D RX test fixture (bucket2) inst fixture defined here is not realistic (IL of 1.2-1.6 dB at 25.56 GHz). The test ification should be similar to the transmitter's test fixture. hedy receiver test fixture subclause (163.9.3.2) to match 163.9.2.1 or point to it. bonse Response Status W D ACCEPT IN PRINCIPLE. ing the response to comment #40. te (to be removed when this comment is closed): This comment has been ucket #2. Related comment #40 was closed as and as a consequence this nay be closed as written.] D ACCEPT IN PRINCIPLE. ing the response to comment #40. te (to be removed when this comment is closed): This comment has been ucket #2. Related comment #40 was closed as and as a consequence this nay be closed as written.] D ACCEPT IN PRINCIPLE. ing the response to comment #40. te (to be removed when this comment is closed): This comment has been ucket #2. Related comment #40 was closed as and as a consequence this nay be closed as written.] D ACCEPT IN PRINCIPLE. Resolve using the response to comment #40 was closed as and as a consequence this nay be closed as written.]		

C/ 163 SC 163.9.3.2

C/ 163	SC 163.9.3.2	P 181	L 19	# 24	C/ 163	SC	163.9.3.2	P 181	L <b>26</b>	# 193		
Ben-Arts	i, Liav	Marvell Semi	iconductor Itd.		Wu, Mau-l	Lin		MediaTek				
Commen	t Type <b>T</b>	Comment Status D		RX test fixture (bucket2)	Comment	Туре	т	Comment Status D		RX test fixture (bucket2)		
The t	est fixture inserrtio	on loss of 1.2-1.6dB is not co	ommonly feas	ible	The se	entence	e here is to	define the "differential return	n loss" of the	test fixture (TP5a) and		
Suggeste	dRemedy				refer to	o Equa +	ition (163-2)	& Figure 163-6. However,	the refered ed	quation and figure are not		
Reco for TI	mmend adjusting P0-TP0a.	TP5a-TP5 fixture characteris	same as those defined	The reason is that the original equation (Equation 163-2) & figure (Figure 163-4) in D1p2 had been removed from D1p3								
Can either define less than 5dB of loss and ILD less than 0.2dB, or even in a simpler						SuggestedRemedy						
(com	mon mode RL)		00.0.2.1.2 (E)		Copy I the ap	Equatio	on 163-2 & late location	Figure 163-4 in D1p2 & rela & correct the refered Equati	ted descriptic	n to D1p3. Put them in re ID.		
Proposed	l Response	Response Status W			Proposed	Respo	nse	Response Status W	g			
PRO	POSED ACCEPT	IN PRINCIPLE.			PROP	OSED	ACCEPT I	N PRINCIPLE.				
Reso	lve using the resp	onse to comment #40.			Resolu		a the respo	nse to comment #40				
[Edito adde comr	or's note (to be rer d to bucket #2. Re nent may be close	noved when this comment is elated comment #40 was closed ad as written.]	s closed): This sed as and as	comment has been a consequence this	[Editor added comm	's note to buc ent ma	e (to be rem ket #2. Rela ay be closed	oved when this comment is ated comment #40 was clos I as written.]	closed): This ed as and as	comment has been a consequence this		
C/ 163	SC 163.9.3.2	P 181	L 19	# 230	CI 162	50	162 0 2 2	D 191	1.26	# 165		
Dawe, Pi	ers	Nvidia			C/ 103	30	105.9.5.2	F IOI	L <b>20</b>	# 105		
Commen	t Type <b>T</b>	Comment Status D		RX test fixture (bucket2)		ке Т	TD			DV to at first up (hughesta)		
We a	greed that a test f	ixture test fixture between 1.	2 dB and 1.6	dB is not practical.	Comment	nype	IR 2 and figur	comment status D	ith roturn loc	Also it would be better		
Suggeste	edRemedy				to use	ERLas	s the param	eter.				
Make	the receiver test	fixture like the transmitter tes	st fixture.		Suaaested	Reme	dv					
Proposed	l Response	Response Status W			Chang	e to m	atch the Tx	test fixture Replace the se	ntence referri	ng to return loss with "The		
PRO	POSED ACCEPT	IN PRINCIPLE.			Receiv	/er tesi	t fixture sna	Il meet the specification for	ERL IN 163.9	.2.1.2		
Reso	lve using the resp	onse to comment #40.			Proposed	Respo	nse Accept II	Response Status W				
[Edite	or's note (to be rer	noved when this comment is	elocod): This	commont has been	PROP	USED	ACCEPTI	IN PRINCIPLE.				
added to bucket #2. Related comment #40 was closed as and as a consequence this						Resolve using the response to comment #40.						
comr	nent may be close	a as written.j			[Editor added comm	's note to buc ent ma	e (to be rem ket #2. Rela ay be closed	oved when this comment is ated comment #40 was clos I as written.]	closed): This ed as and as	comment has been a consequence this		

C/ 163 SC 163.9.3.2

C/ 163	SC 163.9.3.2	P 181	L <b>26</b>	# 25
Ben-Artsi,	Liav	Marvell Sem	iconductor ltd.	
Comment	Туре <b>т</b>	Comment Status D		RX test fixture (bucket2)
The dif which a	fferential return l are an incorrect	oss of the test fixture is defir reference	ned to meet Eq	uation (163–2) and 163-3
Suggested	Remedy			
Recorr	nmend replacing	with a reference to 163.9.2	.1.2 (Tx test fix	ture ERL)
Proposed I	Response	Response Status W		
PROP	OSED ACCEPT	IN PRINCIPLE.		
Resolv	e using the resp	onse to comment #40.		
[Editor added comme	's note (to be rei to bucket #2. Re ent may be close	noved when this comment is elated comment #40 was clo ed as written.]	s closed): This sed as and as	comment has been a consequence this
C/ 163	SC 163.13.4	4 P 192	L <b>33</b>	# 11
Mellitz, Ric	chard	Samtec		
Comment	Type <b>TR</b>	Comment Status D		TP5v (bucket2)
TP5a i	s moot and repla	aced by TP5v		
Suggested	Remedy			
remove	e references to	P5a and replace with TP5v.	Change RC2	to DERL at TP5v
Proposed I PROP	Response OSED ACCEPT	Response Status W IN PRINCIPLE.		
Resolv	e using the resp	onse to comment #40.		
[Editor added comme	's note (to be rei to bucket #2. Re ent may be close	noved when this comment is elated comment #40 was clo ed as written.]	s closed): This sed as and as	comment has been a consequence this

C/ 163 SC 163.13.4.4