

Device Under Test: 20240928_N77_WB_100MHz_DFTS_QPSK_RB1_1_ch650000

Bandwidth Wideband

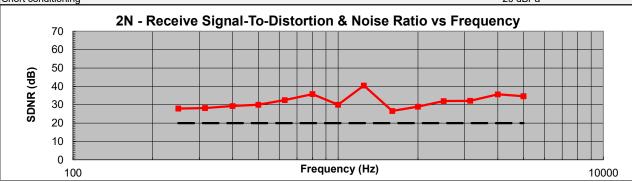
Test Date: 2024-09-28

Receive Volume Control Performance

TIA-5050	Test	Measured	Limits	Result	Reference
Clause 5.1	Recv output level dBSPL 2N	82.94 dB	info only		
	Recv conversational gain 2N	12.94 dB	6.00	PASS	

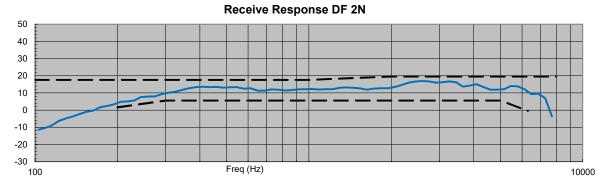
Receive Distortion and Noise Performance

TIA-5050	Test	Margin	Limits	Result	Reference	
Clause 5.2	Recv PN-SDNR 2N	6.61 dB	Absolute Limits	PASS		
Note: SDNR include	es noise and distortion products.					
Stimulus level			-20 dBPa			
Sentence conditioni	ng		-20 dBPa			
Short conditioning				-20 dBPa		



Receive Acoustic Frequency Response Performance

TIA-5050		Test	Margin	Limits	Result	Reference
Clause 5.3	Recv resp FF 2N		3.55 dB	Floating Limits	PASS	
	Recv resp DF 2N		2.6 dB	Floating Limits	PASS	
		Receive Res	ponse FF 2	N		
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100		Freq (Hz)				10000
		Receive Res	ponse DF 2	N		
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Device Under Test	■20240928 N78 WP	3 100MHz DFTS QPS	K RR1 1 ch650000
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Bandwidth Wideband

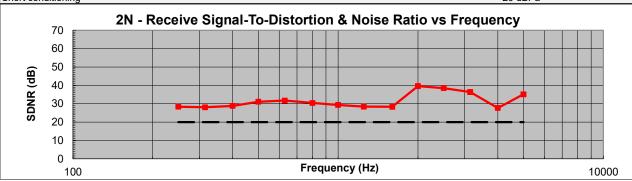
Test Date: 2024-09-28

Receive Volume Control Performance

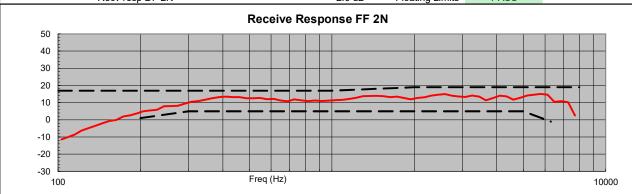
TIA-5050	Test	Measured	Limits	Result	Reference
Clause 5.1	Recv output level dBSPL 2N	83.02 dB	info only		
	Recv conversational gain 2N	13.02 dB	6.00	PASS	

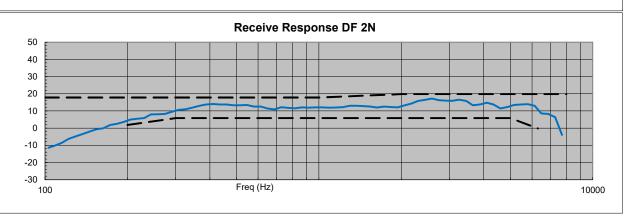
Receive Distortion and Noise Performance

TIA-5050	Test	Margin	Limits	Result	Reference	
Clause 5.2	Recv PN-SDNR 2N	7.65 dB	Absolute Limits	PASS		
Note: SDNR include	es noise and distortion products.					
Stimulus level			-20 dBPa			
Sentence conditioni	ing		-20 dBPa			
Short conditioning				-20 dBPa		



TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.3	Recv resp FF 2N	3.48 dB	Floating Limits	PASS	
	Recv resp DF 2N	2.6 dB	Floating Limits	PASS	







Bandwidth Wideband

Test Date: 2024-09-27

Receive Volume Control Performance

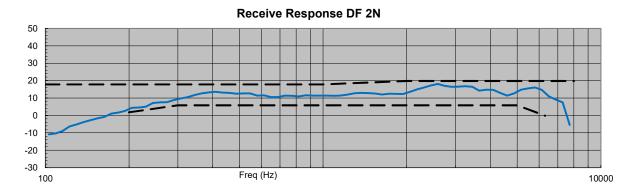
TIA-5050	Test	Measured	Limits	Result	Reference
Clause 5.1	Recv output level dBSPL 2N	82.5 dB	info only		
	Recy conversational gain 2N	12.5 dB	6.00	PASS	

Receive Distortion and Noise Performance

IZECEIAE	י בוטוט	Tuon and No	ISE FELIO	IIIaIICE							
TIA-5050			Te	est			M	argin	Limits	Result	Reference
Clause 5.2	2	Recv PN-SI	NR 2N				8.	37 dB	Absolute Limits	PASS	
Note: SDN	NR inclu	des noise and d	istortion pro	ducts.							
	70 ₣	2N - F	Receive	Signal-	To-D	istor	tion &	& Nois	e Ratio vs Fr	equency	
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	100)				Fr	equer	ıcy (Hz)			10000

Receive Acoustic Frequency Response Performance

TIA-5050		Test		Margin	Limits	Result	Reference
Clause 5.3	Recv resp FF 2N			2.19 dB	Floating Limits	PASS	
	Recv resp DF 2N			1.8 dB	Floating Limits	PASS	
		Rece	ive Res	ponse FF 2	N		
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		Recei	ve Res	ponse DF 2	N		
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Device Under Test:	20240926_WB_11n_HT20_ch40_MCS0
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Bandwidth Wideband

Test Date: 2024-09-26

Receive Volume Control Performance

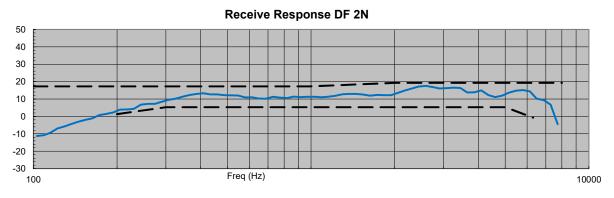
TIA-5050	Test	Measured	Limits	Result	Reference
Clause 5.1	Recv output level dBSPL 2N	82.18 dB	info only		
	Recy conversational gain 2N	12.18 dB	6.00	PASS	

Receive Distortion and Noise Performance

Receive Distortion and Noise Ferrormance											
ΓIA-5050			Test Margin Limits Result								Reference
Clause 5.	5.2 Recv PN-SDNR 2N 7.52 dB Absolute Limits PASS										
Note: SDI	NR inc	ludes noise and d	istortion prod	ducts.							
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	70	∠N - F	receive a	Signai-	ט-טו	istor	tion	& NOIS	e Ratio vs Fre	equency	
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€	50										
(dB)	40										
SDNR											
6	30		-	_							
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Receive Acoustic Frequency Response Performance

TIA-5050		Test	Margin	Limits	Result	Reference
Clause 5.3	Recv resp FF 2N		2.32 dB	Floating Limits	PASS	
	Recv resp DF 2N		1.7 dB	Floating Limits	PASS	
		Receive Re	sponse FF 2I	N		
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100		Freq (Hz)				10000
		Receive Re	sponse DF 2	N		
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Device Under Test:	20240926_WB_11n_HT20_ch56_MCS0
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Bandwidth Wideband

Test Date: 2024-09-26

Receive Volume Control Performance

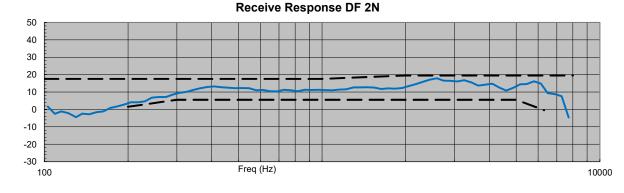
TIA-5050	Test	Measured	Limits	Result	Reference
Clause 5.1	Recv output level dBSPL 2N	82.2 dB	info only		
	Recy conversational gain 2N	12.2 dB	6.00	PASS	

Receive Distortion and Noise Performance

		tortion and No	100 1 0110111	141100						
IA-5050			Tes	t			Margin	Limits	Result	Reference
lause 5.	2	Recv PN-SD	ONR 2N				5.73 dB	Absolute Limits	PASS	
lote: SDI	NR ind	cludes noise and d	istortion produ	ucts.						
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(dB)										
<u>ي</u>	40								<u> </u>	
SDNR	30				-					
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		00	·			Fred	uency (Hz)			10000
		00								10000

Receive Acoustic Frequency Response Performance

TIA-5050		Test		Margin	Limits	Result	Reference
Clause 5.3	Recv resp FF 2N			1.93 dB	Floating Limits	PASS	
	Recv resp DF 2N			1.7 dB	Floating Limits	PASS	
		Re	eceive Re	sponse FF 2	N		
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		Re	ceive Re	sponse DF 2	N		
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Device Under Test:	20240926_WB_11n_HT20_ch120_MCS0
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Bandwidth Wideband

Test Date: 2024-09-26

Receive Volume Control Performance

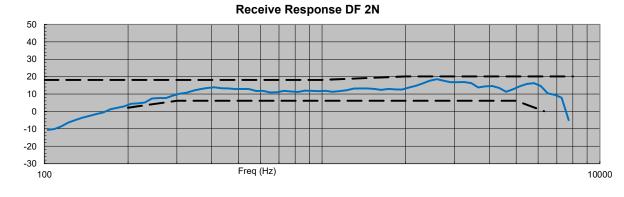
TIA-5050	Test	Measured	Limits	Result	Reference
Clause 5.1	Recv output level dBSPL 2N	82.76 dB	info only		
	Recy conversational gain 2N	12.76 dB	6.00	PASS	

Receive Distortion and Noise Performance

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TIA-5050			To	est				Margin	Limits	Result	Reference
Clause 5.2	2	Recv PN-SDNR 2N 8.33 dB Absolute Limits PASS									
Note: SDN	NR inclu	des noise and d	istortion pro	ducts.							
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	60										
⋒	50										
SDNR (dB)	40								-		
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	10										
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	100)				-	reque	ency (Hz)			10000

Receive Acoustic Frequency Response Performance

TIA-5050	Test		Margin	Limits	Result	Reference
Clause 5.3	Recv resp FF 2N		2.12 dB	Floating Limits	PASS	
	Recv resp DF 2N		1.6 dB	Floating Limits	PASS	
	Reco	eive Resp	onse FF 2N	N		
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100	Freq	(Hz)				10000
	Rece	eive Resp	onse DF 2N	N		
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Device Under Test:	20240926_WB_11n_HT20_ch157_MCS0
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Bandwidth Wideband

Test Date: 2024-09-26

Receive Volume Control Performance

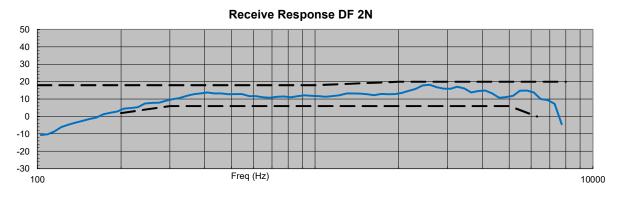
TIA-5050	Test	Measured	Limits	Result	Reference
Clause 5.1	Recv output level dBSPL 2N	82.67 dB	info only		
	Recv conversational gain 2N	12.67 dB	6.00	PASS	

Receive Distortion and Noise Performance

TIA-5050		Test		Margin	Limits	Result	Reference
Clause 5.2	Recv PN-SDNR 2N			6.65 dB	Absolute Limits	PASS	
Note: SDNR inc	ludes noise and distortion p	roducts.					
70	2N - Receive	Signal-To-l	Distorti	on & Nois	e Ratio vs Fre	equency	
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SDNR (dB)							
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Receive Acoustic Frequency Response Performance

TIA-5050		Test	Margin	Limits	Result	Reference
Clause 5.3	Recv resp FF 2N		2.84 dB	Floating Limits	PASS	
	Recv resp DF 2N		1.8 dB	Floating Limits	PASS	
		Receive	Response FF 2	2N		
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100		Freq (Hz)				10000
		Possive I	Boononce DE 1			
		Receive	Response DF 2	ZIN		





Device Under Test:	20240920_L2_WB
Bandwidth	Wideband

Test Date: 2024-09-20

Receive Volume Control Performance

TIA-5050	Test	Measured	Limits	Result	Reference
Clause 5.1	Recv output level dBSPL 8N	86.87 dB	info only		
	Recv conversational gain 8N	16.87 dB	6.00	PASS	

Receive Distortion and Noise Performance

TIA-5050	Test		Margin	Limits	Result	Reference
Clause 5.2	Recv PN-SDNR 8N		6.7 dB	Absolute Limits	PASS	
Note: SDNR incl	udes noise and distortion products.					
70 e	8N - Receive Signal-T	o-Distortio	n & Nois	e Ratio vs Fre	quency	
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10	00	Frequ	uency (Hz)			10000

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A-5050	Tes	st	Margin	Limits	Result	Reference
ause 5.3	Recv resp FF 8N		3.36 dB	Floating Limits	PASS	
	Recv resp DF 8N		3.1 dB	Floating Limits	PASS	
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		Receive Res	sponse DF 8	N		
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Freq (Hz)



Device Under Test:	20240920_L4_WB
Bandwidth	Wideband

Test Date:	2024-09-20
rest Bute.	2024 00 20

Receive Volume Control Performance

TIA-5050	Test	Measured	Limits	Result	Reference
Clause 5.1	Recv output level dBSPL 8N	86.85 dB	info only		
	Recv conversational gain 8N	16.85 dB	6.00	PASS	

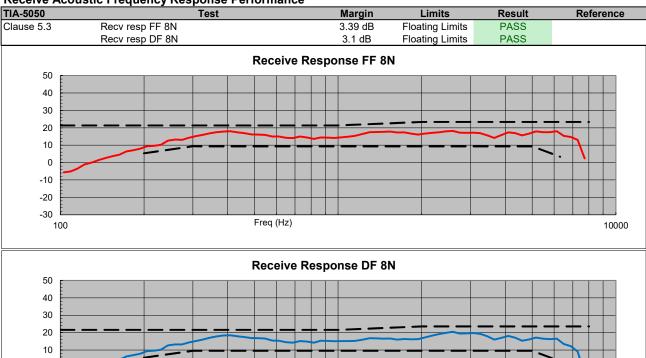
Receive Distortion and Noise Performance

ΓIA-5050			Test				Margin	Limits	Result	Reference
Clause 5.	2	Recv PN-SD	NR 8N				7.1 dB	Absolute Limits	PASS	
Note: SDI	NR inc	ludes noise and di	stortion produ	cts.						
	70	8N - F	Receive Si	gnal-To	o-Dist	ortic	n & Nois	e Ratio vs Fre	equency	
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SDNR (dB)	40									
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Receive Acoustic Frequency Response Performance

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Freq (Hz)



Device Under Test:	20240920_L5_WB
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Bandwidth Wideband

Test Date: 2024-09-20

Receive Volume Control Performance

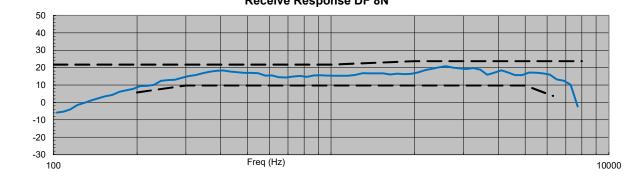
TIA-5050	Test	Measured	Limits	Result	Reference
Clause 5.1	Recv output level dBSPL 8N	86.83 dB	info only		
	Recv conversational gain 8N	16.83 dB	6.00	PASS	

Receive Distortion and Noise Performance

Receive Distortion and Noise Ferrormance											
TIA-5050			Te	st			1	Margin	Limits	Result	Reference
Clause 5.	2	Recv PN-SD	NR 8N					5.7 dB	Absolute Limits	PASS	
Note: SDN	Note: SDNR includes noise and distortion products.										
8N - Receive Signal-To-Distortion & Noise Ratio vs Frequency											
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(dB)	40										
SDNR	20										
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Receive Acoustic Frequency Response Performance

TIA-5050		Test			Margin	Limits	Result	Reference
Clause 5.3	Recv resp FF 8N				3.42 dB	Floating Limits	PASS	
	Recv resp DF 8N				2.9 dB	Floating Limits	PASS	
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Device Under Test:	20240920_L7_WB

Bandwidth Wideband

Test Date: 2024-09-20

Receive Volume Control Performance

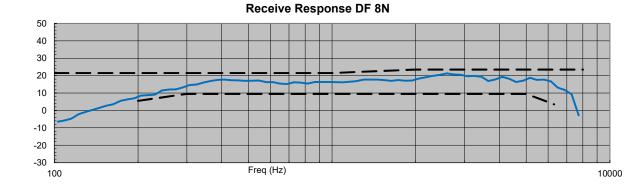
TIA-5050	Test	Measured	Limits	Result	Reference
Clause 5.1	Recv output level dBSPL 8N	86.98 dB	info only		
	Recv conversational gain 8N	16.98 dB	6.00	PASS	

Receive Distortion and Noise Performance

INCOCIVO	, 013	tortion and No	30 1 011011	mance							
TIA-5050			Te	st				Margin	Limits	Result	Reference
Clause 5.	2	Recv PN-SD	NR 8N					6.5 dB	Absolute Limits	PASS	
Note: SDI	Note: SDNR includes noise and distortion products.										
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Receive Acoustic Frequency Response Performance

TIA-5050	Test			Margin	Limits	Result	Reference
Clause 5.3	Recv resp FF 8N			2.98 dB	Floating Limits	PASS	
	Recv resp DF 8N			2.2 dB	Floating Limits	PASS	
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Device Under Test:	20240920_L12_WB
Bandwidth	Wideband

Test Date:	2024-09-20			

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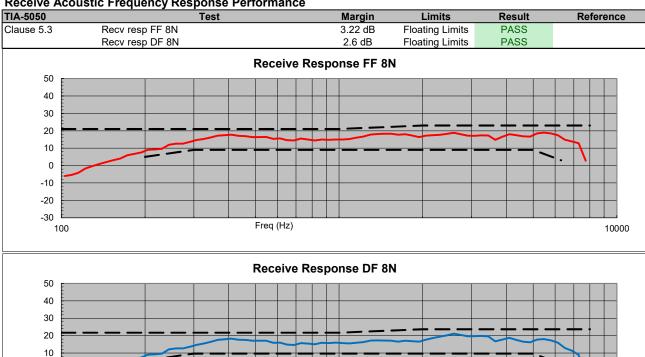
Receive Volume Control Performance

TIA-5050	Test	Measured	Limits	Result	Reference
Clause 5.1	Recv output level dBSPL 8N	86.96 dB	info only		
	Recv conversational gain 8N	16.96 dB	6.00	PASS	

Receive Distortion and Noise Performance

TA-5050	Test			Margin	Limits	Result	Reference
clause 5.2	Recv PN-SDNR 8N			6 dB	Absolute Limits	PASS	
lote: SDNR inclu	des noise and distortion produ	cts.					
70 ⊨	8N - Receive S	gnal-To-Di	stortio	n & Nois	e Ratio vs Fre	quency	
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SDNR (dB)							
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₀ ⊾ 100			Frequ	uency (Hz)			10000

Receive Acoustic Frequency Response Performance



Freq (Hz)



Device Under Test:	20240920_L13_WB
D 1 : 101	MC L L
Bandwidth	Wideband

Test Date: 2024-09-20

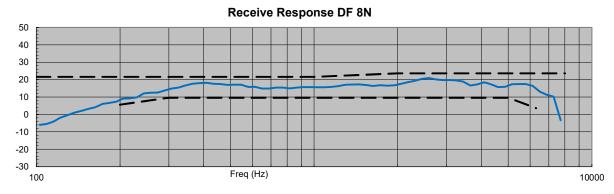
Receive Volume Control Performance

TIA-5050	Test	Measured	Limits	Result	Reference
Clause 5.1	Recv output level dBSPL 8N	86.93 dB	info only		
	Recv conversational gain 8N	16.93 dB	6.00	PASS	

Receive Distortion and Noise Performance

TIA-5050			Tes	st				Margin	Limits	Result	Reference
Clause 5.	2	Recv PN-SD	NR 8N					7.3 dB	Absolute Limits	PASS	
Note: SDNR includes noise and distortion products.											
	70	8N - R	Receive S	Signal-	To-D	isto	rtio	n & Nois	e Ratio vs Fr	equency	
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€	50										
(dB)	40										
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	10										
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	1	00					⊦req	uency (Hz)			10000

TA-5050		Test					Margin	Limits	Result	Reference
Clause 5.3	Recv resp FF 8N						3.33 dB	Floating Limits	PASS	
	Recv resp DF 8N						2.7 dB	Floating Limits	PASS	
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Receive Response DF 8N										
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Device Under Test:	20240920_L14_WB

Bandwidth Wideband

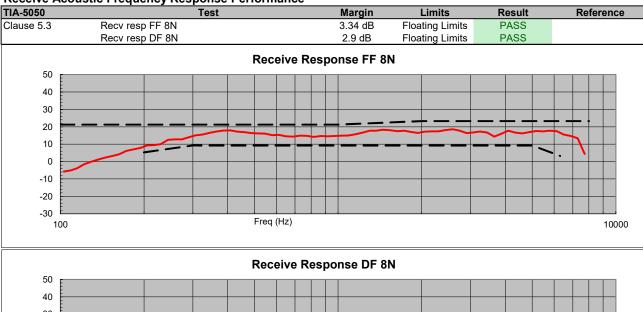
Test Date: 2024-09-20

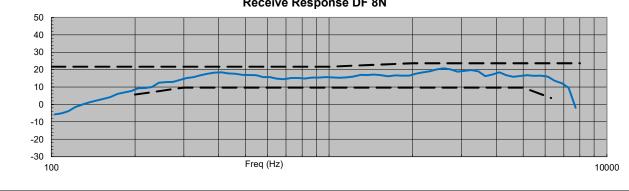
Receive Volume Control Performance

TIA-5050	Test	Measured	Limits	Result	Reference
Clause 5.1	Recv output level dBSPL 8N	86.92 dB	info only		
	Recv conversational gain 8N	16.92 dB	6.00	PASS	

Receive Distortion and Noise Performance

TIA-5050			Test					Margin	Limits	Result	Reference
Clause 5.2	2	Recv PN-SD	NR 8N					7 dB	Absolute Limits	PASS	
Note: SDNR includes noise and distortion products.											
	70	8N - R	eceive Si	gnal-To	o-Dis	stor	tion	& Nois	e Ratio vs Fr	equency	
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(dB)	40						1				
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Device Under Test:	20240920_L25_WB

Bandwidth Wideband

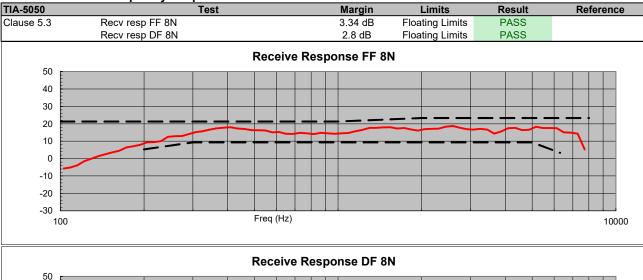
Test Date: 2024-09-20

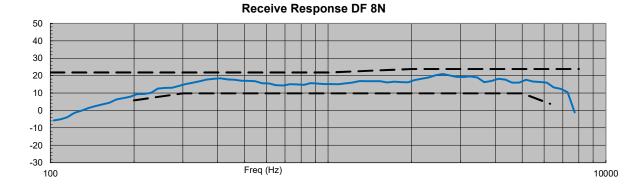
Receive Volume Control Performance

TIA-5050	Test	Measured	Limits	Result	Reference
Clause 5.1	Recv output level dBSPL 8N	86.9 dB	info only		
	Recv conversational gain 8N	16.9 dB	6.00	PASS	

Receive Distortion and Noise Performance

TIA-5050			Test				Ma	argin	Limits	Result	Reference
Clause 5.2	2	Recv PN-SD	NR 8N				7.	2 dB	Absolute Limits	PASS	
Note: SDNR includes noise and distortion products.											
ı	70	8N - R	eceive Sig	gnal-To	-Dist	orti	on 8	Noise	e Ratio vs Fr	equency	
	60										
€ m	50										
(dB)	40										
SDNR	20					-					
ģ	30								Y		
Ø	20			-++		 	-	— –			
	10										
	0										
	1	00				Fre	quen	cy (Hz)			10000







Device Under Test:	20240920_L26_WB
Bandwidth	Wideband

Test Date:

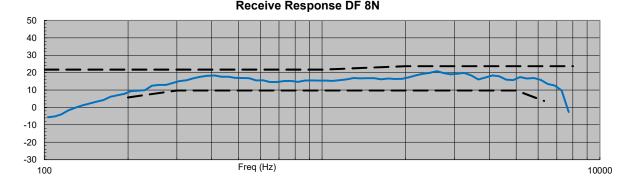
Receive Volume Control Performance

TIA-5050	Test	Measured	Limits	Result	Reference
Clause 5.1	Recv output level dBSPL 8N	86.87 dB	info only		
	Recv conversational gain 8N	16.87 dB	6.00	PASS	

Receive Distortion and Noise Performance

TIA-5050	Test		Margin	Limits	Result	Reference				
Clause 5.2										
Note: SDNR includ	ote: SDNR includes noise and distortion products.									
70 E	8N - Receive Si	gnal-To-Distort	ion & Nois	e Ratio vs Fre	quency					
₽										
60										
6 50 ₽										
30 40 40 and 30										
30 H	-	_								
∞ 20										
10										
0 <u> </u>		Er	equency (Hz)			10000				

TIA-5050	1	Test .			Margin	Limits	Result	Reference
Clause 5.3	Recv resp FF 8N				3.34 dB	Floating Limits	PASS	
	Recv resp DF 8N				2.9 dB	Floating Limits	PASS	
		Rec	eive R	espo	nse FF 8	N		
50 E								
40								
30								
						_ +	-++-	$\downarrow \downarrow \downarrow \downarrow \downarrow \downarrow$
20						~	~~~	
10				╅┿			- + - 	
0 -								1. 1
-10								
-20								
-30 <u>└</u> 100		Freq	(Hz)		'			10000
		Reco	eive R	espo	nse DF 8	N		
50 F								
40								
30								





Device Under Test:	20240920_L30_WB

Bandwidth Wideband

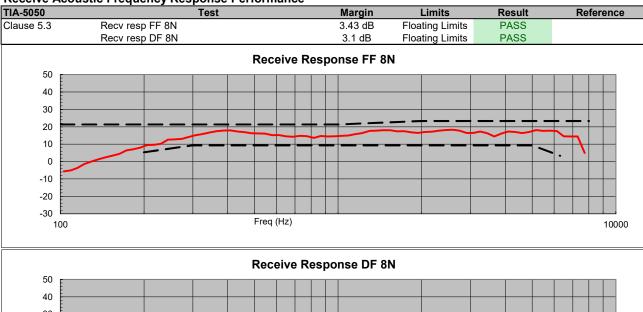
Test Date: 2024-09-20

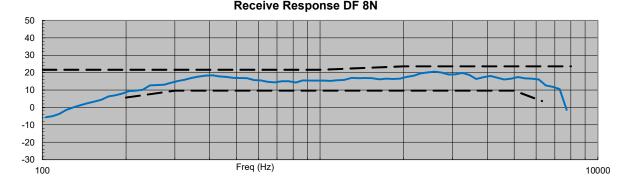
Receive Volume Control Performance

TIA-5050	Test	Measured	Limits	Result	Reference
Clause 5.1	Recv output level dBSPL 8N	86.91 dB	info only		
	Recv conversational gain 8N	16.91 dB	6.00	PASS	

Receive Distortion and Noise Performance

		ortion and ito									
IA-5050			Te	est				Margin	Limits	Result	Reference
Clause 5.2 Recv PN-SDNR 8N 5.4 dB Absolute Limits PASS											
lote: SDI	ote: SDNR includes noise and distortion products.										
		0N F		<u>. </u>				.	D 41 -		
	70 1	8N - F	Receive :	Signal-	וס-ט	ıstor	tion	& Nois	e Ratio vs Fr	equency	
	70										
	60										
_	50										
<u>@</u>	30										
ತ	40										
SDNR (dB)	30										
ğ								₩		• ` `	
0)	20				 -		++	+			
	10										
	-										
	0 1					-		nov (U=)			
	10	00				г	reque	ency (Hz)			10000







Device Under Test:	20240920_L66_WB
Bandwidth	Wideband

	0004.00.00		
Test Date:	2024-09-20		

Receive Volume Control Performance

TIA-5050	Test	Measured	Limits	Result	Reference
Clause 5.1	Recv output level dBSPL 8N	86.78 dB	info only		
	Recv conversational gain 8N	16.78 dB	6.00	PASS	

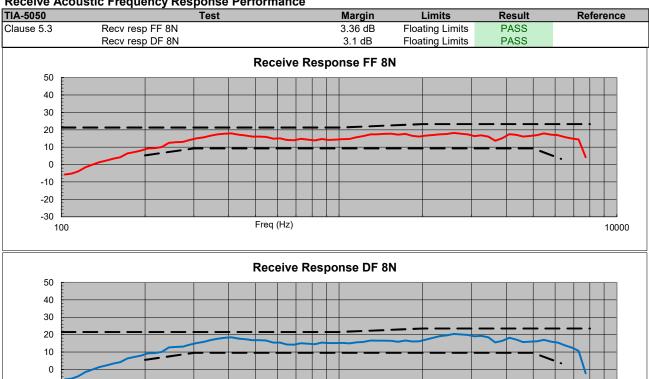
Receive Distortion and Noise Performance

ΓIA-5050			Test			Margin	Limits	Result	Reference	
Clause 5.	se 5.2 Recv PN-SDNR 8N 8.2 dB Absolute Limits PASS									
lote: SDI	ote: SDNR includes noise and distortion products.									
	70 .	8N - F	Receive Si	gnal-To	-Disto	tion & Noi	se Ratio vs Fr	equency		
	-									
	60									
€	50									
SDNR (dB)	40					+				
폿	30				_	+	\setminus \mid \nearrow			
Ö			-							
0,	20				-+	 				
	10									
	0									
	10	00	•	•	F	requency (Hz)		10000	

Receive Acoustic Frequency Response Performance

-10 -20 -30

100



Freq (Hz)



Device Under Test:	20240920_L71_WB
Bandwidth	Wideband

Test Date: 2024-09-20

Receive Volume Control Performance

TIA-5050	Test	Measured	Limits	Result	Reference
Clause 5.1	Recv output level dBSPL 8N	86.88 dB	info only		
	Recv conversational gain 8N	16.88 dB	6.00	PASS	

Receive Distortion and Noise Performance

TIA-5050			Tes	t				Margin	Limits	Result	Reference
Clause 5.											
Note: SDI	ote: SDNR includes noise and distortion products.										
	70	8N - R	Receive S	ignal-1	Го-D	isto	rtio	n & Nois	e Ratio vs Fr	equency	
	60										
€	50										
(dB)	40						\perp				
SDNR	30				•				- ✓		
S	20				-	_	+				
	10										
	0										
	1	00					Frequ	uency (Hz)			10000

Receive Acoustic Frequency Response Performance

0 -10 -20 -30

IA-5050	Test		Margin	Limits	Result	Reference
lause 5.3	Recv resp FF 8N		3.37 dB	Floating Limits	PASS	
	Recv resp DF 8N		3 dB	Floating Limits	PASS	
	Rec	eive Re	sponse FF 8	N		
50 F						
40						
30						
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			_		\	
10						
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-10						
-20						
-30						
100	Freq	(Hz)				1000
	Rec	eive Re	sponse DF 8	N		
50						
40						
30						
20				_ +	_ +	
10						

Freq (Hz)



Device Under Test:	20240924_L38_WB
Bandwidth	Wideband

Danawiatii	Wideballd

Test Date: 2024-09-24

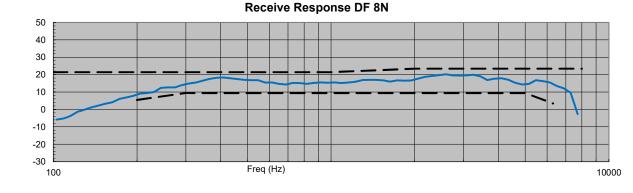
Receive Volume Control Performance

TIA-5050	Test	Measured	Limits	Result	Reference
Clause 5.1	Recv output level dBSPL 8N	86.82 dB	info only		
	Recv conversational gain 8N	16.82 dB	6.00	PASS	

Receive Distortion and Noise Performance

TIA-5050			Test			Margin	Limits	Result	Reference
Clause 5.	2	Recv PN-SDNF	8N			7.9 dB	Absolute Limits	PASS	
Note: SDI	NR ind	cludes noise and disto	rtion products.						
	70	8N - Red	ceive Signa	I-To-Dis	tortio	n & Nois	e Ratio vs Fre	equency	
	60								
a	50								
р) 2	40				$\pm \pm$				
SDNR (dB)	30			_		\			
S	20				-	 			
	10								
	0				Eroa	uency (Hz)			
	1	00			rieq	uelicy (HZ)			10000

TIA-5050	Test				Margin	Limits	Result	Refe	rence
Clause 5.3	Recv resp FF 8N				3.36 dB	Floating Limits	PASS		
	Recv resp DF 8N				3.1 dB	Floating Limits	PASS		
		Rec	eive R	espo	nse FF 8	N			
50 F									
40									
30									
20									+
10								$+ \uparrow \downarrow$	
0								\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	
-10									
-20									+
-30 E									
100		Freq	(Hz)						10000
		Rece	eive R	espo	nse DF 8	N			
50 F									
40									
40									





Device Under Test:	20240924_L41_WB
10011	

Bandwidth Wideband

Test Date: 2024-09-24

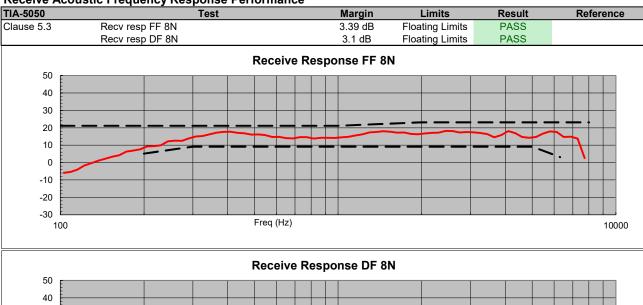
Receive Volume Control Performance

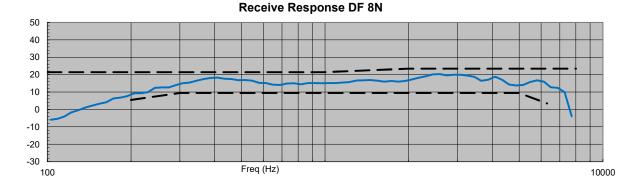
TIA-5050	Test	Measured	Limits	Result	Reference
Clause 5.1	Recv output level dBSPL 8N	86.69 dB	info only		
	Recv conversational gain 8N	16.69 dB	6.00	PASS	

Receive Distortion and Noise Performance

TIA-5050			Test				Margin	Limits	Result	Reference
Clause 5.2	2	Recv PN-SD	NR 8N				5.2 dB	Absolute Limits	PASS	
Note: SDI	NR inc	cludes noise and dis	stortion products	S.						
	70	8N - R	eceive Sig	nal-To-D	isto	rtior	ı & Nois	e Ratio vs Fre	equency	
	60									
€	50									
(dB)	40									
SDNR	30		-			++			\searrow	
ळ	20			++	 	++				
	10									
	0					Eroau	anav (H=)			
	1	00				rrequ	ency (Hz)			10000

Receive Acoustic Frequency Response Performance







Device Under Test: 20240924_L41_PC3_WB
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Bandwidth Wideband

Test Date: 2024-09-24

Receive Volume Control Performance

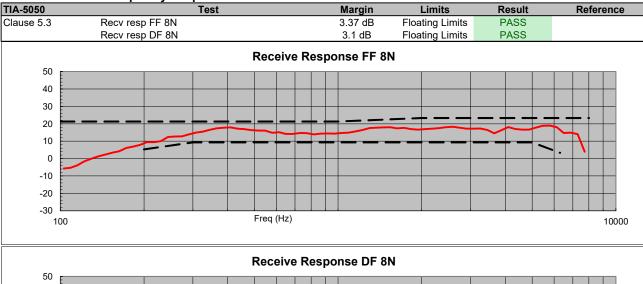
TIA-5050	Test	Measured	Limits	Result	Reference
Clause 5.1	Recv output level dBSPL 8N	86.83 dB	info only		
	Recv conversational gain 8N	16.83 dB	6.00	PASS	

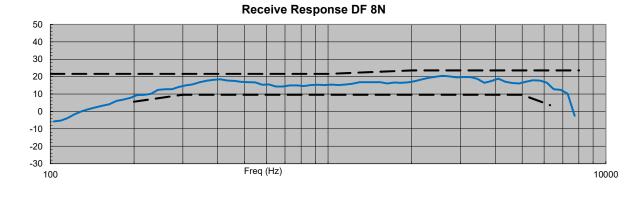
Receive Distortion and Noise Performance

TIA-5050		Test				Test Margin Limits			Limits	Result	Reference
Clause 5.	.2	Recv PN-S	DNR 8N					4.4 dB	Absolute Limits	PASS	
lote: SD	NR inc	ludes noise and o	distortion prod	ucts.							
	70	8N -	Receive S	Signal-	Го-D	isto	rtio	n & Nois	e Ratio vs Fre	equency	
	60										
(dB)	50										
R (d	40										
SDNR	30		-	-	+			\checkmark			
ဟ	20				+		+			 -	
	10										
	0	00					Eroai	uency (Hz)			10000

Receive Acoustic Frequency Response Performance

100







-20 -30

100

TIA-5050 Receive Volume Control Measurements - 8N

Device Under Test:	20240924_L48_WB
Bandwidth	Wideband

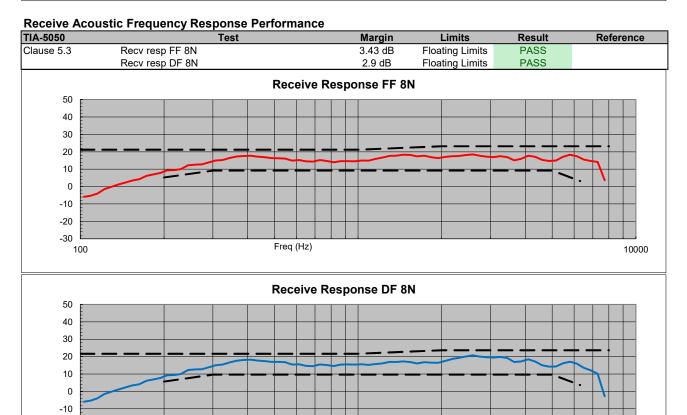
Test Date:

Receive Volume Control Performance

TIA-5050	Test	Measured	Limits	Result	Reference
Clause 5.1	Recv output level dBSPL 8N	86.86 dB	info only		
	Recv conversational gain 8N	16.86 dB	6.00	PASS	

Receive Distortion and Noise Performance

IA-5050	Test	Margin	Limits	Result	Reference
lause 5.2	Recv PN-SDNR 8N	7.3 dB	Absolute Limits	PASS	
lote: SDNR ii	ncludes noise and distortion products.				
	8N - Receive Signal-To-Disto	ortion & Noise	e Ratio vs Fre	auencv	
70					
60					
a 50					
SDNR (dB)					
2 30					
ಸ 20				-	
10					
0		Frequency (Hz)			
	100	i requestey (IIZ)			10000



Freq (Hz)



Device Under Test:	20240930 N	N2 WB	40MHz DF	TS QPSK	RB1-1 ch376000

Bandwidth Wideband

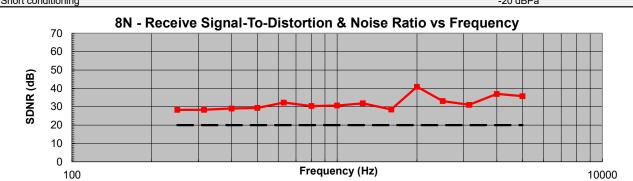
Test Date: 2024-10-01

Receive Volume Control Performance

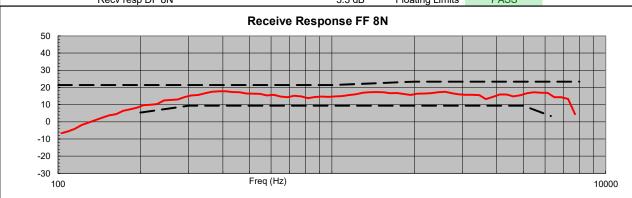
TIA-5050	Test	Measured	Limits	Result	Reference
Clause 5.1	Recv output level dBSPL 8N	86.89 dB	info only		
	Recv conversational gain 8N	16.89 dB	6.00	PASS	

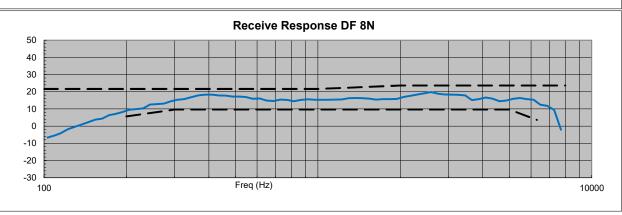
Receive Distortion and Noise Performance

TIA-5050	Test	Margin	Limits	Result	Reference		
Clause 5.2	Recv PN-SDNR 8N	8.3 dB	Absolute Limits	PASS			
Note: SDNR incl	Note: SDNR includes noise and distortion products.						
Stimulus level			-20 dBPa				
Sentence conditi	ioning		-20 dBPa				
Short conditioning	ng		-20 dBPa				











Device Under Test:	20240930	N5 WB	20MHz I	DFTS	QPSK	RB1-1	ch167300

Bandwidth Wideband

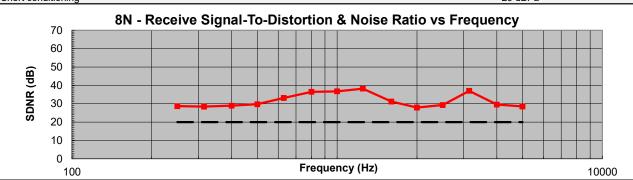
Test Date: 2024-10-01

Receive Volume Control Performance

TIA-5050	Test	Measured	Limits	Result	Reference
Clause 5.1	Recv output level dBSPL 8N	86.95 dB	info only		
	Recv conversational gain 8N	16.95 dB	6.00	PASS	

Receive Distortion and Noise Performance

TIA-5050	Test	Margin	Limits	Result	Reference		
Clause 5.2	Recv PN-SDNR 8N	7.9 dB	Absolute Limits	PASS			
Note: SDNR include	des noise and distortion products.						
Stimulus level			-20 dBPa				
Sentence condition	ning		-20 dBPa				
Short conditioning	-		-20 dBPa				



TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.3	Recv resp FF 8N	3.53 dB	Floating Limits	PASS	
	Recv resp DF 8N	3.2 dB	Floating Limits	PASS	

