

Device Under Test: 20240923_L2_WB_2N

Bandwidth Wideband

Test Date: 2024-09-23

Receive Volume Control Performance

TIA-5050	Test	Measured	Limits	Result	Reference
Clause 5.1	Recv output level dBSPL 2N	82.52 dB	info only		
	Recv conversational gain 2N	12.52 dB	6.00	PASS	

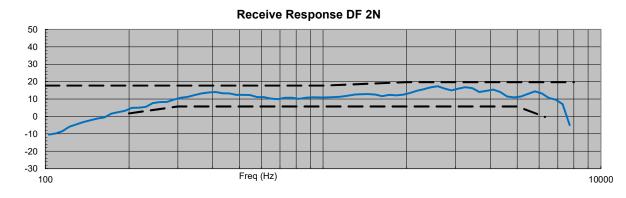
Receive Distortion and Noise Performance

TIA-5050				Test					Margin	Limits	Result	Reference
Clause 5.2 Recv PN-SDNR 2N 5.86 dB Absolute Limits PASS												
Note: SD	NR inc	cludes noise	and distortio	n products.								
	70	2	N - Rece	ive Sign	al-To	o-Di	isto	rtio	n & Nois	se Ratio vs Fr	equency	
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Receive Acoustic Frequency Response Performance

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11A-5050		lest	Margin	Limits	Result	Reference
Clause 5.3	Recv resp FF 2N		3.23 dB	Floating Limits	PASS	
	Recv resp DF 2N		2.4 dB	Floating Limits	PASS	
		Receive Res	ponse FF 2	N		
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2N_Summary 1/1

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Bandwidth Wideband

Test Date: 2024-09-23

Receive Volume Control Performance

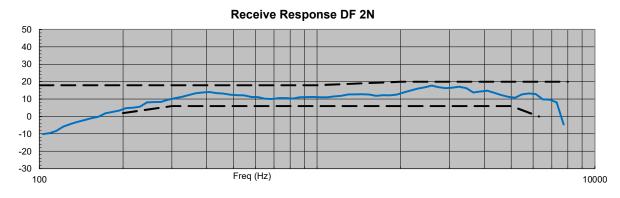
TIA-5050	Test	Measured	Limits	Result	Reference
Clause 5.1	Recv output level dBSPL 2N	82.53 dB	info only		
	Recv conversational gain 2N	12.53 dB	6.00	PASS	

Receive Distortion and Noise Performance

TIA-5050			Test		Margin	Limits	Result	Reference
Clause 5.	2	Recv PN-SDNR 2N			7.87 dB	Absolute Limits	PASS	
Note: SDI	NR ind	cludes noise and distortion	products.					
	70	2N - Receiv	e Signal-To-[Distort	ion & Nois	e Ratio vs Fre	quency	
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Receive Acoustic Frequency Response Performance

TIA-5050	Te	est		Margin	Limits	Result	Reference
Clause 5.3	Recv resp FF 2N			3.34 dB	Floating Limits	PASS	
	Recv resp DF 2N			2.2 dB	Floating Limits	PASS	
		Receive	e Respo	onse FF 2	N		
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		Receive	Respo	nse DF 2	N		
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Device Under 20240923_L5_WB_2N

Bandwidth Wideband

Test Date: 2024-09-23

Receive Volume Control Performance

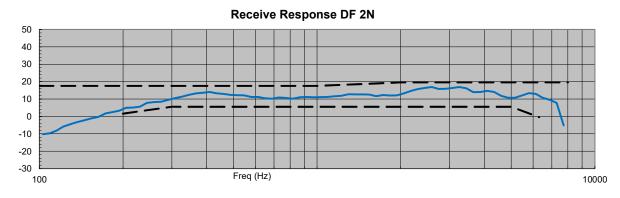
TIA-5050	Test	Measured	Limits	Result	Reference
Clause 5.1	Recv output level dBSPL 2N	82.51 dB	info only		
	Recv conversational gain 2N	12.51 dB	6.00	PASS	

Receive Distortion and Noise Performance

VECEIVE	eceive distortion and woise renormance												
ΓIA-5050			Te	st				Margin	Limits	Result	Reference		
Clause 5.2	Clause 5.2 Recv PN-SDNR 2N 6.92 dB Absolute Limits PASS												
lote: SDN	NR ind	cludes noise and d	istortion prod	ducts.									
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Receive Acoustic Frequency Response Performance

TIA-5050		Test	Margin	Limits	Result	Reference
Clause 5.3	Recv resp FF 2N		3.37 dB	Floating Limits	PASS	
	Recv resp DF 2N		2.6 dB	Floating Limits	PASS	
		Receive Resp	oonse FF 2	N		
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		Receive Res	onse DF 2	N		
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Device Under 20240923_L7_WB_2N

Bandwidth Wideband

Test Date: 2024-09-23

Receive Volume Control Performance

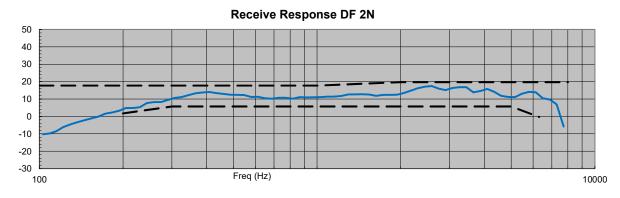
TIA-5050	Test	Measured	Limits	Result	Reference
Clause 5.1	Recv output level dBSPL 2N	82.57 dB	info only		
	Recv conversational gain 2N	12.57 dB	6.00	PASS	

Receive Distortion and Noise Performance

VECEIVE	פום	tortion and No	136 1 61101	mance							
ΓIA-5050			Te	st				Margin	Limits	Result	Reference
Clause 5.2 Recv PN-SDNR 2N 5.97 dB Absolute Limits PASS											
lote: SDN	NR ind	cludes noise and d	istortion prod	ducts.							
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Receive Acoustic Frequency Response Performance

TIA-5050		Test	Margin	Limits	Result	Reference
Clause 5.3	Recv resp FF 2N		3.21 dB	Floating Limits	PASS	
	Recv resp DF 2N		2.2 dB	Floating Limits	PASS	
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		Receive Res	ponse DF 2	N		
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Device Under 20240923_L12_WB_2N Test:

Bandwidth Wideband

Test Date: 2024-09-23

Receive Volume Control Performance

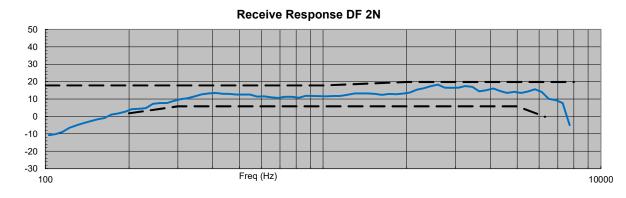
TIA-5050	Test	Measured	Limits	Result	Reference
Clause 5.1	Recv output level dBSPL 2N	82.6 dB	info only		
	Recv conversational gain 2N	12.6 dB	6.00	PASS	

Receive Distortion and Noise Performance

TIA-5050			Test				Margin	Limits	Result	Reference
Clause 5.2 Recv PN-SDNR 2N 7.08 dB Absolute Limits PASS										
Note: SDI	NR incl	udes noise and di	stortion produc	cts.						
	70	2N - R	Receive Si	gnal-To	Disto	rtion	& Nois	e Ratio vs Fre	equency	
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Receive Acoustic Frequency Response Performance

TIA-5050		Test	Margin	Limits	Result	Reference
Clause 5.3	Recv resp FF 2N		2.29 dB	Floating Limits	PASS	
	Recv resp DF 2N		1.6 dB	Floating Limits	PASS	
		Receive Res	ponse FF 2	N		
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		Receive Res	ponse DF 2I	N		
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Bandwidth Wideband

Test Date: 2024-09-23

Receive Volume Control Performance

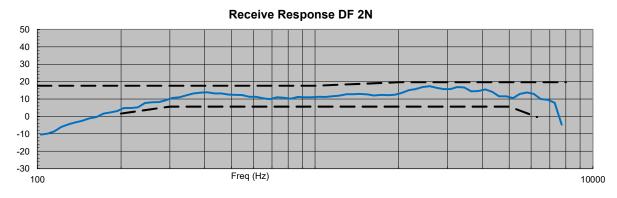
TIA-5050	Test	Measured	Limits	Result	Reference
Clause 5.1	Recv output level dBSPL 2N	82.55 dB	info only		
	Recv conversational gain 2N	12.55 dB	6.00	PASS	

Receive Distortion and Noise Performance

Neceive distortion and noise Ferrormance											
TIA-5050			Test Margin Limits Result								
Clause 5.2 Recv PN-SDNR 2N 4.14 dB Absolute Limits PASS											
Note: SDN	NR ind	cludes noise and d	istortion prod	lucts.							
	70	2N - F	Receive S	Signal-T	o-Disto	rtion &	Noise R	atio vs Fr	equency		
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Receive Acoustic Frequency Response Performance

11A-5050		lest			Margin	Limits	Result	Reference
Clause 5.3	Recv resp FF 2N				3.27 dB	Floating Limits	PASS	
	Recv resp DF 2N				2.2 dB	Floating Limits	PASS	
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		F	Receive	Resp	onse DF 2	N		





Device Under

Bandwidth Wideband

Test Date: 2024-09-23

Receive Volume Control Performance

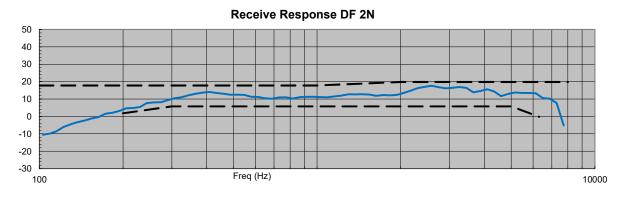
TIA-5050	Test	Measured	Limits	Result	Reference
Clause 5.1	Recv output level dBSPL 2N	82.56 dB	info only		
	Recv conversational gain 2N	12.56 dB	6.00	PASS	

Receive Distortion and Noise Performance

TIA-5050			Tes	st				Margin	Limits	Result	Reference
Clause 5.2 Recv PN-SDNR 2N 6.38 dB Absolute Limits PASS											
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 2N		3.27 dB	Floating Limits	PASS						
	Recv resp DF 2N		2.2 dB	Floating Limits	PASS						
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	Receive Response DF 2N										
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Bandwidth Wideband

Test Date: 2024-09-23

Receive Volume Control Performance

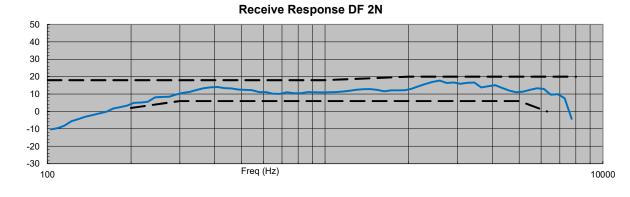
TIA-5050	Test	Measured	Limits	Result	Reference
Clause 5.1	Recv output level dBSPL 2N	82.55 dB	info only		
	Recv conversational gain 2N	12.55 dB	6.00	PASS	

Receive Distortion and Noise Performance

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TIA-5050			Te	est				Margin	Limits	Result	Reference
Clause 5.2 Recv PN-SDNR 2N 5.86 dB Absolute Limits PASS											
Note: SDN	NR inclu	ides noise and d	istortion pro	ducts.							
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Receive Acoustic Frequency Response Performance

TIA-5050		Test	Margin	Limits	Result	Reference
Clause 5.3	Recv resp FF 2N		3.32 dB	Floating Limits	PASS	
	Recv resp DF 2N		2.2 dB	Floating Limits	PASS	
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		Receive Resp	onse DF 2	N		
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Bandwidth Wideband

Test Date: 2024-09-23

Receive Volume Control Performance

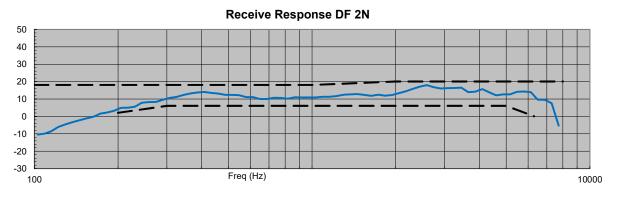
TIA-5050	Test	Measured	Limits	Result	Reference
Clause 5.1	Recv output level dBSPL 2N	82.54 dB	info only		
	Recv conversational gain 2N	12.54 dB	6.00	PASS	

Receive Distortion and Noise Performance

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TIA-5050			Tes	st			M	argin	Limits	Result	Reference
Clause 5.2 Recv PN-SDNR 2N 6.74 dB Absolute Limits PASS											
lote: SDI	NR inc	cludes noise and d	istortion prod	ucts.							
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Receive Acoustic Frequency Response Performance

TIA-5050		Гest		Margin	Limits	Result	Reference				
Clause 5.3	Recv resp FF 2N			3.2 dB	Floating Limits	PASS					
	Recv resp DF 2N			2.1 dB	Floating Limits	PASS					
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50	Receive Response DF 2N										





Bandwidth Wideband

Test Date: 2024-09-23

Receive Volume Control Performance

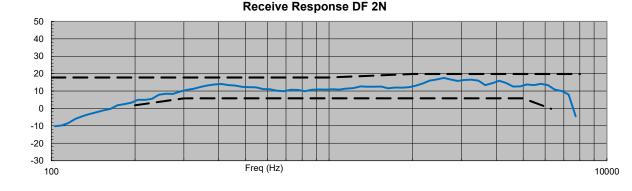
TIA-5050	Test	Measured	Limits	Result	Reference
Clause 5.1	Recv output level dBSPL 2N	82.49 dB	info only		
	Recv conversational gain 2N	12.49 dB	6.00	PASS	

Receive Distortion and Noise Performance

	illon and Noise Perionna					
TIA-5050	Test		Margin	Limits	Result	Reference
Clause 5.2	Recv PN-SDNR 2N		6.39 dB	Absolute Limits	PASS	
Note: SDNR inclu	des noise and distortion product	S.				
70 F	2N - Receive Siç	nal-To-Distort	ion & Nois	e Ratio vs Fre	quency	
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Receive Acoustic Frequency Response Performance

TIA-5050	Test		Margin	Limits	Result	Reference
Clause 5.3	Recv resp FF 2N		3.26 dB	Floating Limits	PASS	
	Recv resp DF 2N		2.3 dB	Floating Limits	PASS	
50		Receive Resp	oonse FF 2	N		
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		Receive Resp	oonse DF 2	N		
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Device Under 20240923_L66_WB_2N

Bandwidth Wideband

Test Date: 2024-09-23

Receive Volume Control Performance

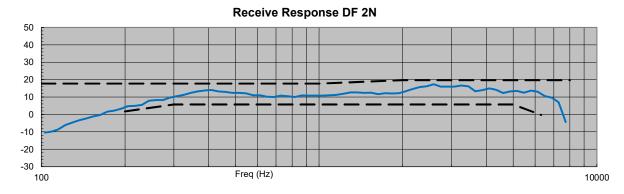
TIA-5050	Test	Measured	Limits	Result	Reference
Clause 5.1	Recv output level dBSPL 2N	82.46 dB	info only		
	Recv conversational gain 2N	12.46 dB	6.00	PASS	

Receive Distortion and Noise Performance

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ΓIA-5050			Te	st				Margin	Limits	Result	Reference
Clause 5.2	2	Recv PN-SI	DNR 2N					5.98 dB	Absolute Limits	PASS	
lote: SDN	NR inc	cludes noise and d	istortion proc	lucts.							
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Receive Acoustic Frequency Response Performance

TIA-5050		Test		Margin	Limits	Result	Reference
Clause 5.3	Recv resp FF 2N	· ·		3.25 dB	Floating Limits	PASS	
	Recv resp DF 2N			2.3 dB	Floating Limits	PASS	
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		R	eceive Res	sponse DF 2	N		
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Device Under 20240923_L71_WB_2N Test:

Bandwidth Wideband

Test Date: 2024-09-23

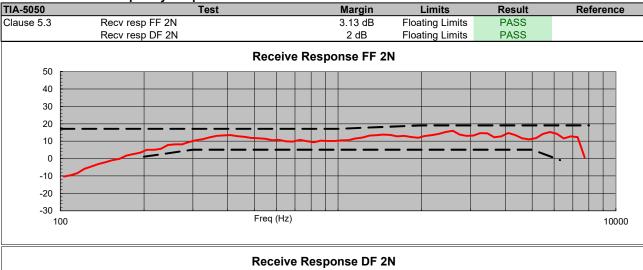
Receive Volume Control Performance

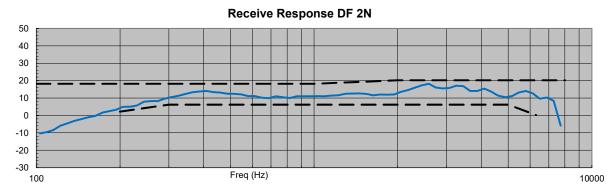
TIA-5050	Test	Measured	Limits	Result	Reference
Clause 5.1	Recv output level dBSPL 2N	82.52 dB	info only		
	Recv conversational gain 2N	12.52 dB	6.00	PASS	

Receive Distortion and Noise Performance

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TIA-5050			Te	est				Margin	Limits	Result	Reference
Clause 5.2	2	Recv PN-SD	NR 2N					7.23 dB	Absolute Limits	PASS	
Note: SDN	NR ind	cludes noise and di	stortion prod	ducts.							
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Receive Acoustic Frequency Response Performance







Device Under Test: 20240924_L38_WB_2N	
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Bandwidth Wideband

Test Date: 2024-09-24

Receive Volume Control Performance

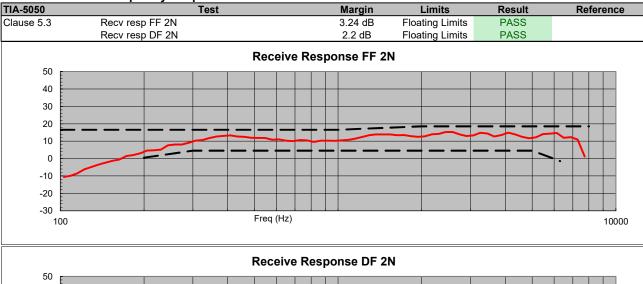
TIA-5050	Test	Measured	Limits	Result	Reference
Clause 5.1	Recv output level dBSPL 2N	82.55 dB	info only		
	Recv conversational gain 2N	12.55 dB	6.00	PASS	

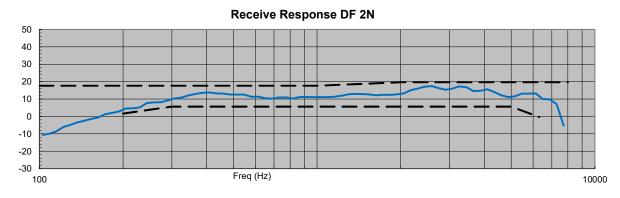
Receive Distortion and Noise Performance

ΓIA-5050			Te	st				Margin	Limits	Result	Reference
Clause 5.	.2	Recv PN-S	SDNR 2N					5.7 dB	Absolute Limits	PASS	
lote: SD	NR inc	ludes noise and	distortion prod	lucts.							
	70	2N -	Receive	Signal-	To-D	isto	rtio	n & Nois	e Ratio vs Fre	equency	
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Receive Acoustic Frequency Response Performance

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2N_Summary 1/1

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Device Under

Bandwidth Wideband

Test Date: 2024-09-24

Receive Volume Control Performance

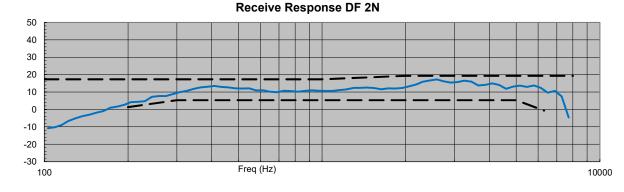
TIA-5050	Test	Measured	Limits	Result	Reference
Clause 5.1	Recv output level dBSPL 2N	82.17 dB	info only		
	Recv conversational gain 2N	12.17 dB	6.00	PASS	

Receive Distortion and Noise Performance

TIA-5050			Te	st			Margin	Limits	Result	Reference
Clause 5.2	2	Recv PN-SD	NR 2N				5.47 dB	Absolute Limits	PASS	
Note: SDN	NR inclu	ıdes noise and di	stortion prod	lucts.						
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Receive Acoustic Frequency Response Performance

TIA-5050	1	Test			Margin	Limits	Result	Reference					
Clause 5.3	Recv resp FF 2N				3.17 dB	Floating Limits	PASS						
	Recv resp DF 2N				2.1 dB	Floating Limits	PASS						
	Receive Response FF 2N												
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-30 └─		Fre	eq (Hz)					10000					
100			74 ()					10000					
		Re	ceive F	Respo	onse DF 2	N							
50 F													
40													





Device Under Test:	20240923_L41_PC3_WB_2N
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Bandwidth Wideband

Test Date: 2024-09-23

Receive Volume Control Performance

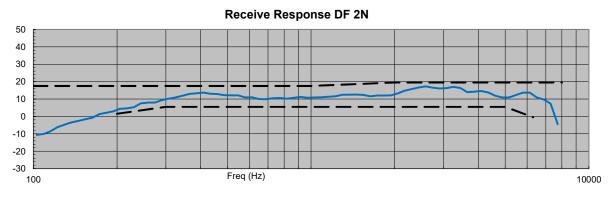
TIA-5050	Test	Measured	Limits	Result	Reference
Clause 5.1	Recv output level dBSPL 2N	82.3 dB	info only		
	Recv conversational gain 2N	12.3 dB	6.00	PASS	

Receive Distortion and Noise Performance

IZECEIAE	פום ;	tortion and No	SE FELIOLI	Hance							
TIA-5050			Tes	st				Margin	Limits	Result	Reference
Clause 5.2	2	Recv PN-SD	NR 2N				į.	5.28 dB	Absolute Limits	PASS	
Note: SDNR includes noise and distortion products.											
	70	2N - F	Receive S	Signal-	To-Di	stor	tion	& Nois	e Ratio vs Fr	equency	
	60										
€ G	50						++				
(dB)	40										
SDNR	30				+	-	₩	-			
S	20				++	-	++			 I	
	10										
	0										
		00				F	reque	ency (Hz)			10000

Receive Acoustic Frequency Response Performance
TIA-5050 Test

HA-5050	L. L	esi		wargin	Limits	Resuit	Reference				
Clause 5.3	Recv resp FF 2N			3.29 dB	Floating Limits	PASS					
	Recv resp DF 2N			2.2 dB	Floating Limits	PASS					
	Receive Response FF 2N										
50 E				-							
40											
30											
20											
10					_	\sim					
o 📙				+			\\				
-10											
-20											
-30											
100		Freq (Hz)				10000				
		Rece	ive Re	sponse DF 2	!N						





Device Under

Bandwidth Wideband

Test Date: 2024-09-24

Receive Volume Control Performance

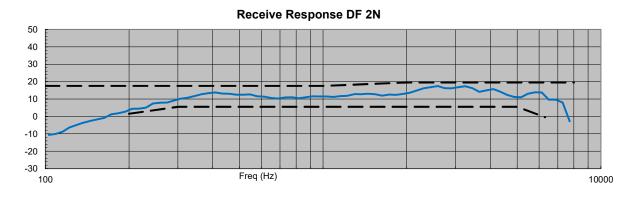
TIA-5050	Test	Measured	Limits	Result	Reference
Clause 5.1	Recv output level dBSPL 2N	82.54 dB	info only		
	Recv conversational gain 2N	12.54 dB	6.00	PASS	

Receive Distortion and Noise Performance

Receive Distortion and Noise Performance											
TIA-5050			Te	est				Margin	Limits	Result	Reference
Clause 5.2	2	Recv PN-SI	ONR 2N					5.69 dB	Absolute Limits	PASS	
Note: SDN	NR includ	les noise and d	istortion pro	ducts.							
	70 F	2N - F	Receive	Signal	To-D	isto	rtion	& Nois	e Ratio vs Fr	equency	
	60										
≅	50										
SDNR (dB)	40										
껕											
6	30			-	-						
ဟ	20			-+	+	-	++				
	10										
	- E										
	0 <u></u> ■					F	reque	ency (Hz)			10000

Receive Acoustic Frequency Response Performance

11A-5050	lest		Margin	Limits	Result	Reference				
Clause 5.3	Recv resp FF 2N		3.16 dB	Floating Limits	PASS					
	Recv resp DF 2N		2.1 dB	Floating Limits	PASS					
50	Receive Response FF 2N									
50										
40										
30										
20										
10					~~	$\overline{\leftarrow}$				
-			-							
0						1				
-10										
-20										
₋₃₀ 上										
100		Freq (Hz)				10000				
	Receive Response DF 2N									
50 F										





Device Under Test: 20241001_N2_WB_40MHz_DFTS_QPSK_RB1-1_ch376000

Bandwidth Wideband

Dana Water

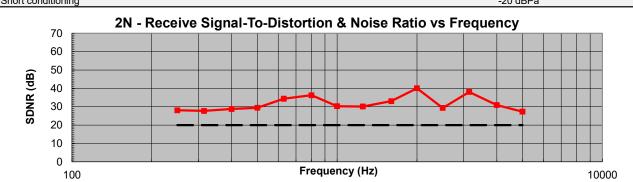
Test Date: 2024-10-01

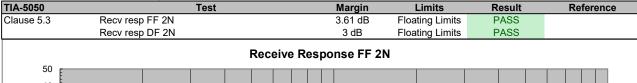
Receive Volume Control Performance

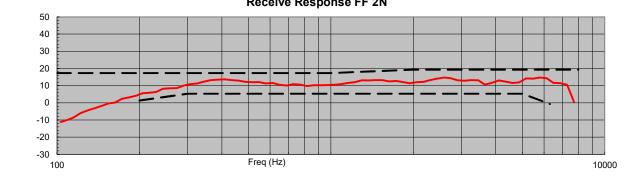
TIA-5050	Test	Measured	Limits	Result	Reference
Clause 5.1	Recv output level dBSPL 2N	82.74 dB	info only		
	Recv conversational gain 2N	12.74 dB	6.00	PASS	

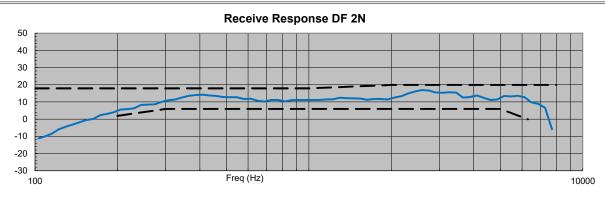
Receive Distortion and Noise Performance

TIA-5050	Tes	it	Margin	Limits	Result	Reference	
Clause 5.2	Recv PN-SDNR 2N		7.34 dB	Absolute Limits	PASS		
Note: SDNR includes noise and distortion products.							
Stimulus level			-20 dBPa				
Sentence condition	oning		-20 dBPa				
Short conditionin	g				-20 dBPa		











Device Under Test:	20241001	N5 WB	20MHz	DFTS	QPSK	RB1-1	ch167300

Bandwidth Wideband

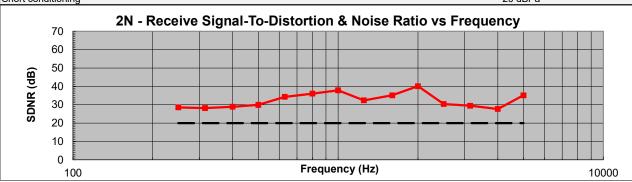
Test Date: 2024-10-01

Receive Volume Control Performance

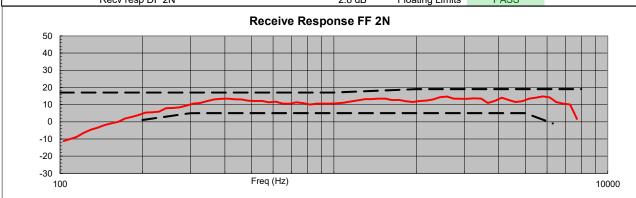
TIA-5050	Test	Measured	Limits	Result	Reference
Clause 5.1	Recv output level dBSPL 2N	82.77 dB	info only		
	Recy conversational gain 2N	12.77 dB	6.00	PASS	

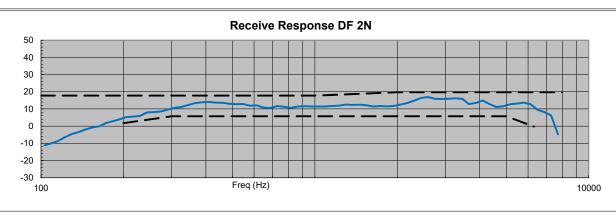
Receive Distortion and Noise Performance

TIA-5050	Test	Margin	Limits	Result	Reference		
Clause 5.2	Recv PN-SDNR 2N	7.67 dB	Absolute Limits	PASS			
Note: SDNR includes noise and distortion products.							
Stimulus level			-20 dBPa				
Sentence conditi	ioning		-20 dBPa				
Short conditioning	ng			-20 dBPa			



TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.3	Recv resp FF 2N	3.5 dB	Floating Limits	PASS	
	Recv resp DF 2N	2.8 dB	Floating Limits	PASS	







Device Under Test: 20241001_N25_WB_40MHz_DFTS_QPSK_RB1-1_ch376500

Bandwidth Wideband

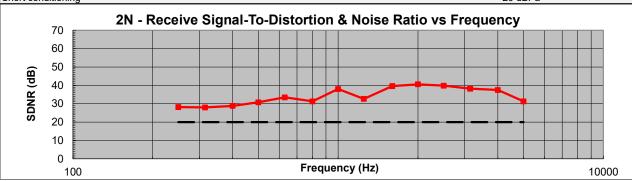
Test Date: 2024-10-01

Receive Volume Control Performance

TIA-5050	Test	Measured	Limits	Result	Reference
Clause 5.1	Recv output level dBSPL 2N	82.71 dB	info only		
	Recv conversational gain 2N	12.71 dB	6.00	PASS	

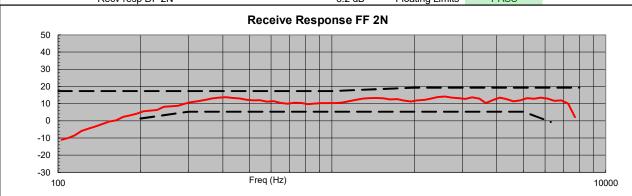
Receive Distortion and Noise Performance

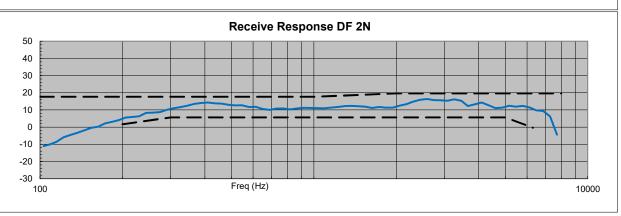
TIA-5050	Test	Margin	Limits	Result	Reference		
Clause 5.2	Recv PN-SDNR 2N	7.97 dB	Absolute Limits	PASS			
Note: SDNR includes noise and distortion products.							
Stimulus level			-20 dBPa				
Sentence conditi	ioning		-20 dBPa				
Short conditioning	ng		-20 dBPa				



Receive Acoustic Frequency Response Performance

TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.3	Recv resp FF 2N	3.59 dB	Floating Limits	PASS	
	Recv resp DF 2N	3.2 dB	Floating Limits	PASS	







Device Under Test: 20241001_N30_WB_10MHz_DFTS_QPSK_RB1-1_ch462000

Bandwidth Wideband

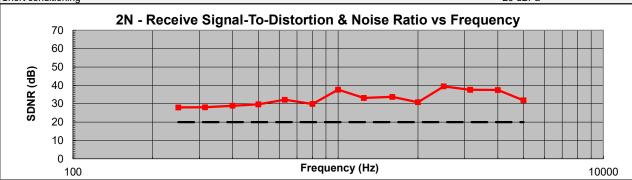
Test Date: 2024-10-01

Receive Volume Control Performance

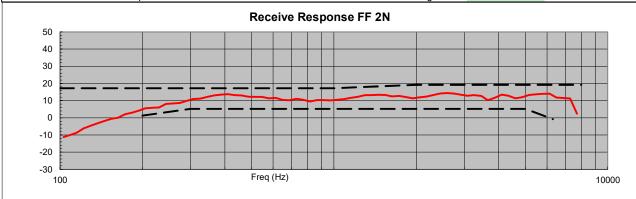
TIA-5050	Test	Measured	Limits	Result	Reference
Clause 5.1	Recv output level dBSPL 2N	82.77 dB	info only		
	Recv conversational gain 2N	12.77 dB	6.00	PASS	

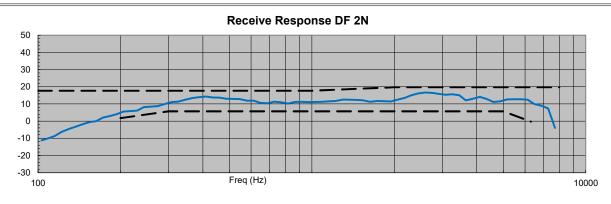
Receive Distortion and Noise Performance

TIA-5050	Test	Margin	Limits	Result	Reference		
Clause 5.2	Recv PN-SDNR 2N	7.99 dB	Absolute Limits	PASS			
Note: SDNR includes noise and distortion products.							
Stimulus level			-20 dBPa				
Sentence conditi	ioning		-20 dBPa				
Short conditionin	ıg			-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	3 dB	Floating Limits	PASS	







Device Under Test: 20241001_N66_WB_40MHz_DFTS_QPSK_RB1-1_ch349000

Bandwidth Wideband

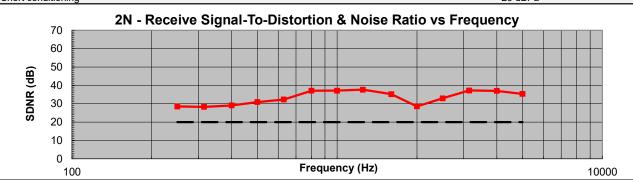
Test Date: 2024-10-01

Receive Volume Control Performance

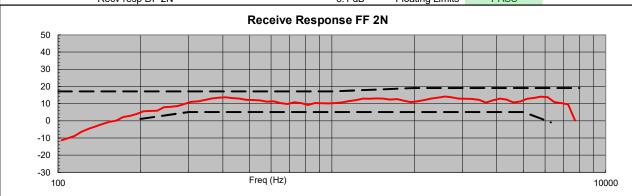
TIA-5050	Test	Measured	Limits	Result	Reference
Clause 5.1	Recv output level dBSPL 2N	82.64 dB	info only		
	Recv conversational gain 2N	12.64 dB	6.00	PASS	

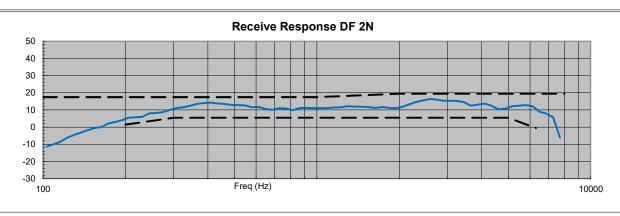
Receive Distortion and Noise Performance

TIA-5050	Test	Margin	Limits	Result	Reference			
Clause 5.2	Recv PN-SDNR 2N	8.31 dB	Absolute Limits	PASS				
Note: SDNR inclu	Note: SDNR includes noise and distortion products.							
Stimulus level			-20 dBPa					
Sentence condition	oning		-20 dBPa					
Short conditioning	g			-20 dBPa				



TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.3	Recv resp FF 2N	3.42 dB	Floating Limits	PASS	
	Recv resp DF 2N	3.1 dB	Floating Limits	PASS	







Device Under Test:	20241001 N	170 WB 15MHz	DFTS QPSK	RB1-1 ch340500

Bandwidth Wideband

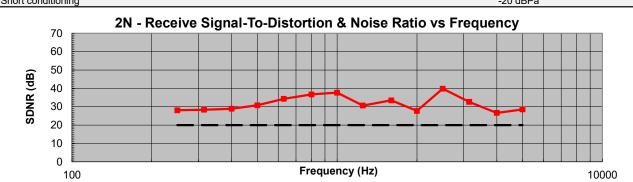
Test Date: 2024-10-01

Receive Volume Control Performance

TIA-5050	Test	Measured	Limits	Result	Reference
Clause 5.1	Recv output level dBSPL 2N	82.74 dB	info only		
	Recv conversational gain 2N	12.74 dB	6.00	PASS	

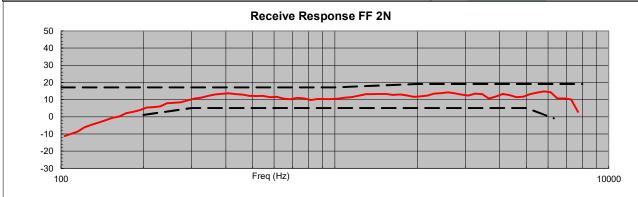
Receive Distortion and Noise Performance

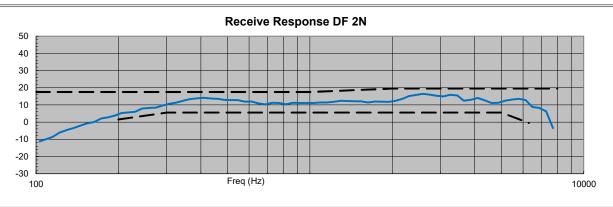
TIA-5050	Test	Margin	Limits	Result	Reference			
Clause 5.2	Recv PN-SDNR 2N	6.62 dB	Absolute Limits	PASS				
Note: SDNR inclu	Note: SDNR includes noise and distortion products.							
Stimulus level			-20 dBPa					
Sentence condition	oning		-20 dBPa					
Short conditioning	g			-20 dBPa				



Receive Acoustic Frequency Response Performance









Device Under Test: 20241001_N71_WB_20MHz_DFTS_QPSK_RB1-1_ch136100

Bandwidth Wideband

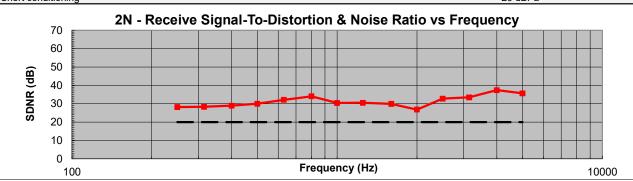
Test Date: 2024-10-01

Receive Volume Control Performance

TIA-5050	Test	Measured	Limits	Result	Reference
Clause 5.1	Recv output level dBSPL 2N	82.73 dB	info only		
	Recv conversational gain 2N	12.73 dB	6.00	PASS	

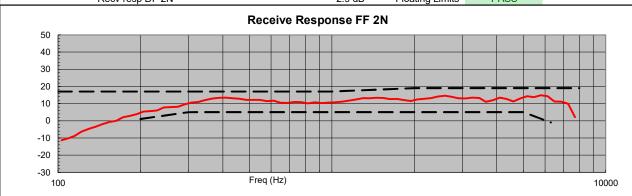
Receive Distortion and Noise Performance

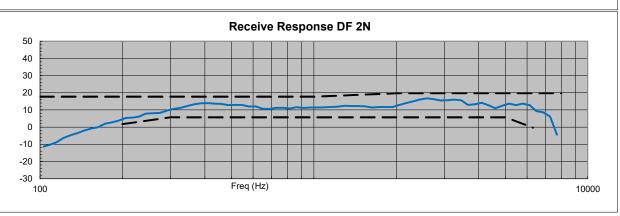
TIA-5050	Te	st	Margin	Limits	Result	Reference		
Clause 5.2	Recv PN-SDNR 2N		6.83 dB	Absolute Limits	PASS			
Note: SDNR inclu	Note: SDNR includes noise and distortion products.							
Stimulus level				-20 dBPa				
Sentence condition	oning		-20 dBPa					
Short conditioning	g				-20 dBPa			



Receive Acoustic Frequency Response Performance

TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.3	Recv resp FF 2N	3.62 dB	Floating Limits	PASS	
	Recv resp DF 2N	2.9 dB	Floating Limits	PASS	







Device Under Test: 20240928_N41_WB_100MHz_DFTS_QPSK_RB1_1_ch518598

Bandwidth Wideband

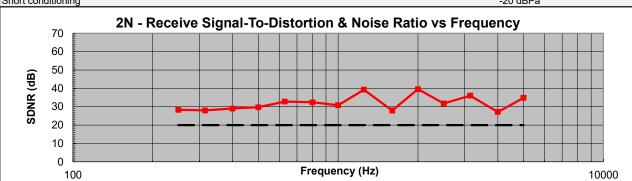
Test Date: 2024-09-28

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	

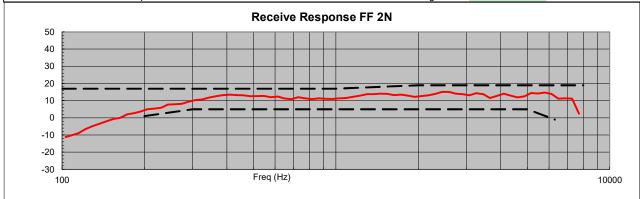
Receive Distortion and Noise Performance

TIA-5050	Test	Margin	Limits	Result	Reference	
Clause 5.2	Recv PN-SDNR 2N	7.15 dB	Absolute Limits	PASS		
Note: SDNR includes noise and distortion products.						
Stimulus level			-20 dBPa			
Sentence conditi	oning		-20 dBPa			
Short conditionin	g		-20 dBPa			



Receive Acoustic Frequency Response Performance

TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.3	Recv resp FF 2N	3.49 dB	Floating Limits	PASS	
	Recv resp DF 2N	2.5 dB	Floating Limits	PASS	







Device Under Test:	20240928 N	N48 WB	40MHz DFTS	QPSK RB1	1 ch641666

Bandwidth Wideband

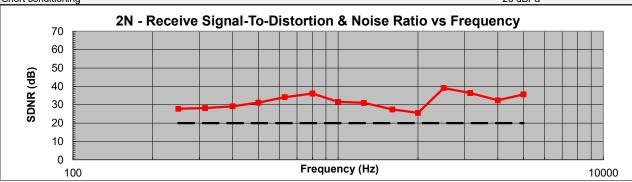
Test Date: 2024-09-28

Receive Volume Control Performance

TIA-5050	Test	Measured	Limits	Result	Reference
Clause 5.1	Recv output level dBSPL 2N	83.03 dB	info only		
	Recv conversational gain 2N	13.03 dB	6.00	PASS	

Receive Distortion and Noise Performance

1.000110 2.10101.11011 William 1.10100 1.01101.1111.1100						
TIA-5050	Test	Margin	Limits	Result	Reference	
Clause 5.2	Recv PN-SDNR 2N	5.55 dB	Absolute Limits	PASS		
Note: SDNR includes noise and distortion products.						
Stimulus level			-20 dBPa			
Sentence conditioning	ng		-20 dBPa			
Short conditioning				-20 dBPa		



TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.3	Recv resp FF 2N	3.47 dB	Floating Limits	PASS	
	Recv resp DF 2N	2.4 dB	Floating Limits	PASS	

