

TIA-5050 Receive Volume Control Measurements - 2N

Device Under Test:	20241128_L7_WB_2N
Bandwidth	Wideband
Test Date:	2024-11-28

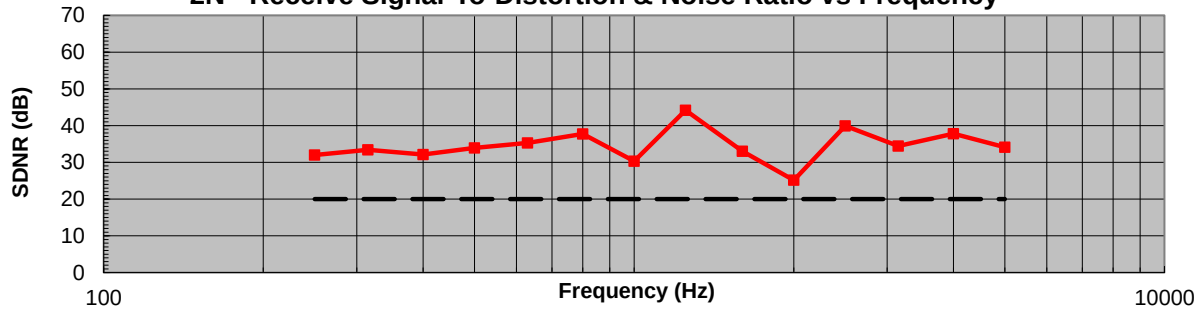
Receive Volume Control Performance

TIA-5050	Test	Measured	Limits	Result	Reference
Clause 5.1	Recv output level dB SPL 2N	83.46 dB	info only		
	Recv conversational gain 2N	13.46 dB	6.00	PASS	

Receive Distortion and Noise Performance

TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.2	Recv PN-SDNR 2N	5.13 dB	Absolute Limits	PASS	
Note: SDNR includes noise and distortion products.					
Stimulus level				-20 dBPa	
Sentence conditioning				-20 dBPa	
Short conditioning				-20 dBPa	

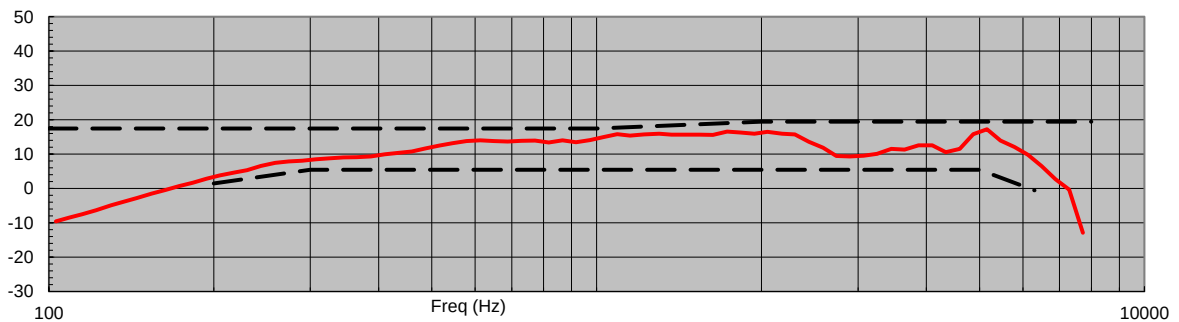
2N - Receive Signal-To-Distortion & Noise Ratio vs Frequency



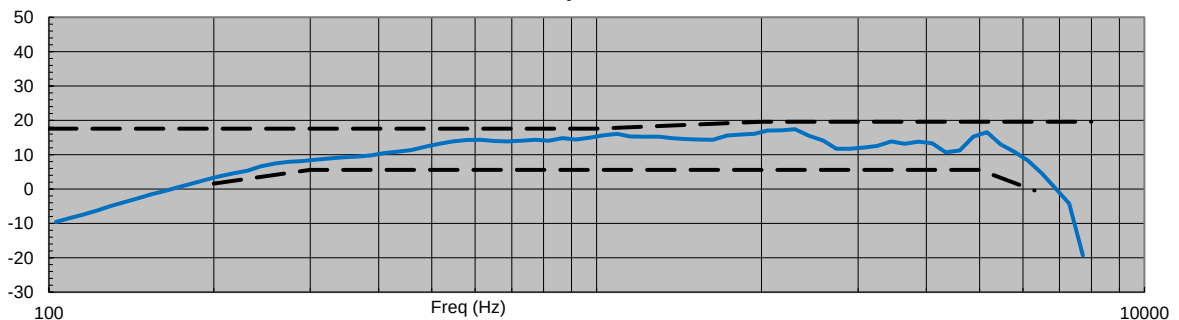
Receive Acoustic Frequency Response Performance

TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.3	Recv resp FF 2N	1.92 dB	Floating Limits	PASS	
	Recv resp DF 2N	1.7 dB	Floating Limits	PASS	

Receive Response FF 2N



Receive Response DF 2N



TIA-5050 Receive Volume Control Measurements - 2N

Device Under Test:	20241128_L12_WB_2N
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Bandwidth	Wideband
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Test Date:	2024-11-28
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Receive Volume Control Performance

TIA-5050	Test	Measured	Limits	Result	Reference
Clause 5.1	Recv output level dB SPL 2N	83.5 dB	info only		
	Recv conversational gain 2N	13.5 dB	6.00	PASS	

Receive Distortion and Noise Performance

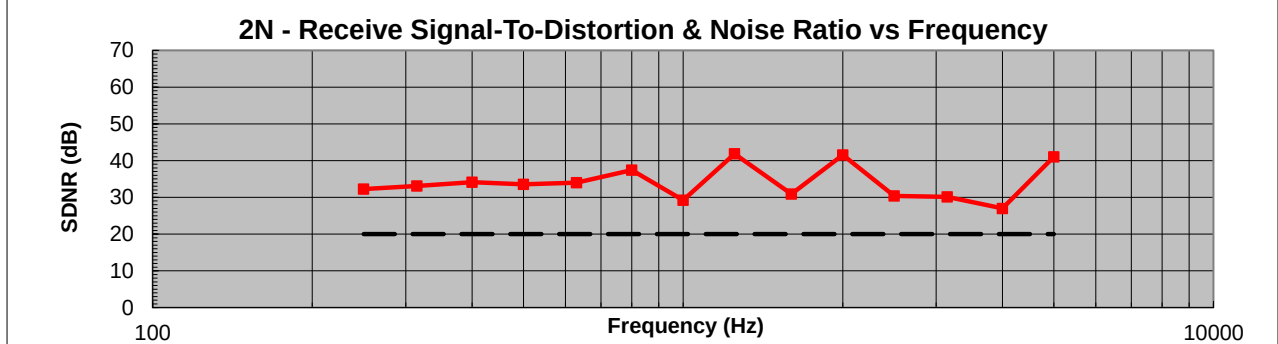
TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.2	Recv PN-SDNR 2N	7 dB	Absolute Limits	PASS	

Note: SDNR includes noise and distortion products.

Stimulus level -20 dBPa

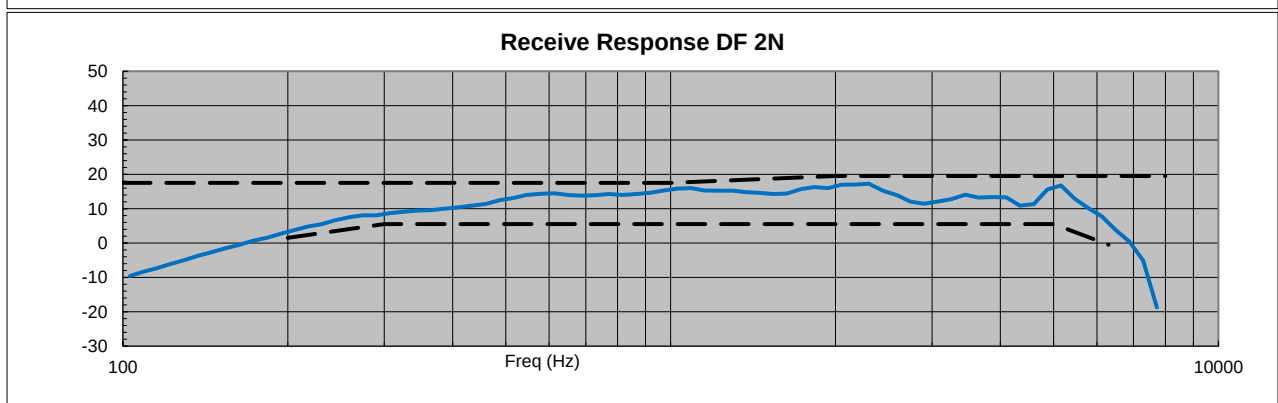
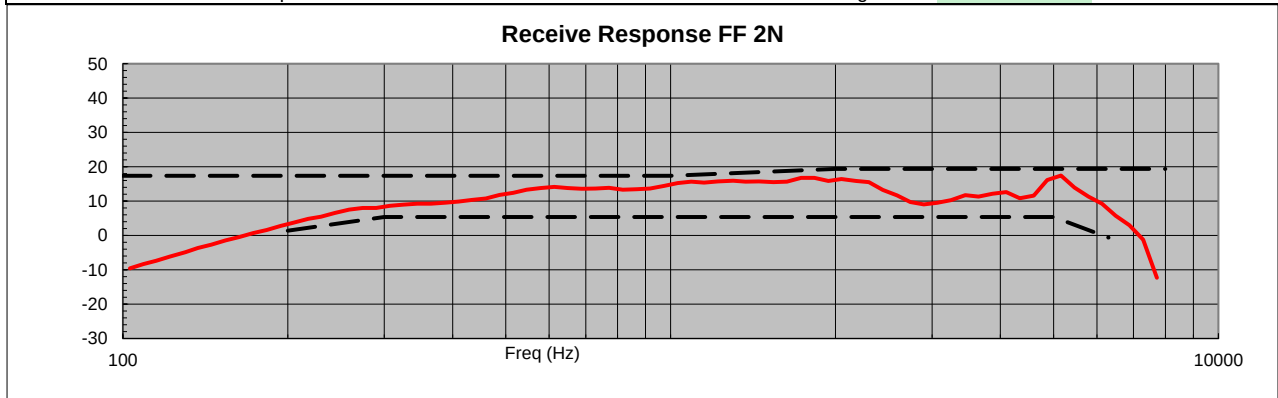
Sentence conditioning -20 dBPa

Short conditioning -20 dBPa



Receive Acoustic Frequency Response Performance

TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.3	Recv resp FF 2N	1.93 dB	Floating Limits	PASS	
	Recv resp DF 2N	1.7 dB	Floating Limits	PASS	



TIA-5050 Receive Volume Control Measurements - 2N

Device Under Test:	20241128_L13_WB_2N
Bandwidth	Wideband
Test Date:	2024-11-28

Receive Volume Control Performance

TIA-5050	Test	Measured	Limits	Result	Reference
Clause 5.1	Recv output level dB SPL 2N	83.58 dB	info only		
	Recv conversational gain 2N	13.58 dB	6.00	PASS	

Receive Distortion and Noise Performance

TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.2	Recv PN-SDNR 2N	5.92 dB	Absolute Limits	PASS	

Note: SDNR includes noise and distortion products.

Stimulus level

-20 dBPa

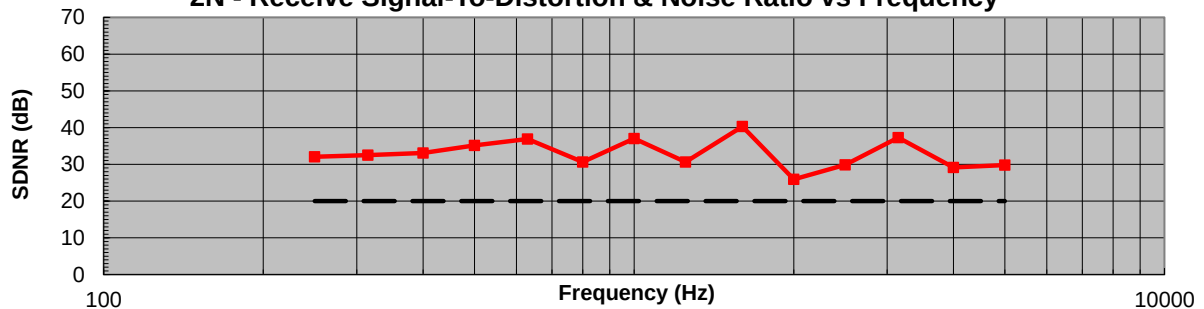
Sentence conditioning

-20 dBPa

Short conditioning

-20 dBPa

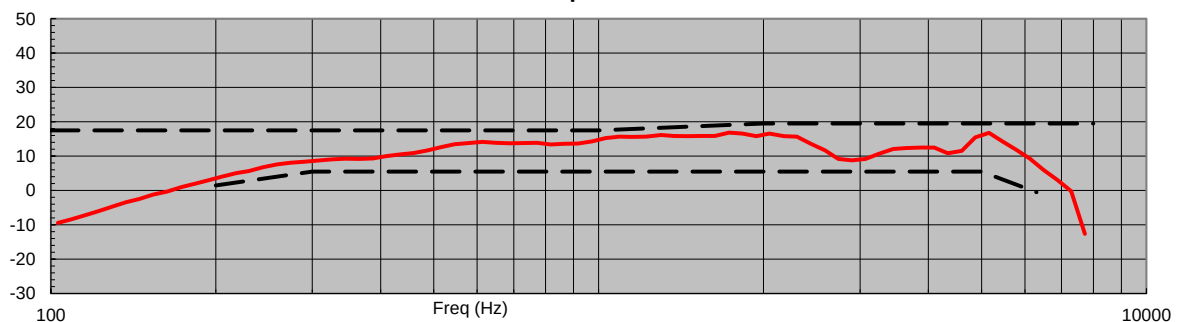
2N - Receive Signal-To-Distortion & Noise Ratio vs Frequency



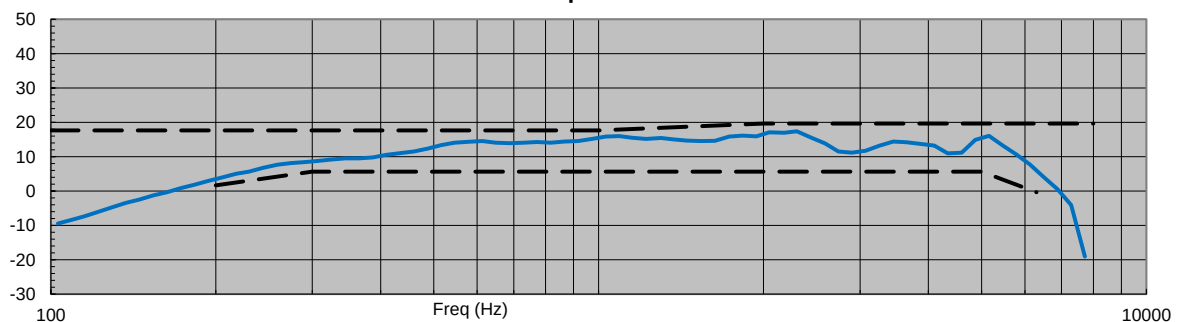
Receive Acoustic Frequency Response Performance

TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.3	Recv resp FF 2N	2.06 dB	Floating Limits	PASS	
	Recv resp DF 2N	1.8 dB	Floating Limits	PASS	

Receive Response FF 2N



Receive Response DF 2N



TIA-5050 Receive Volume Control Measurements - 2N

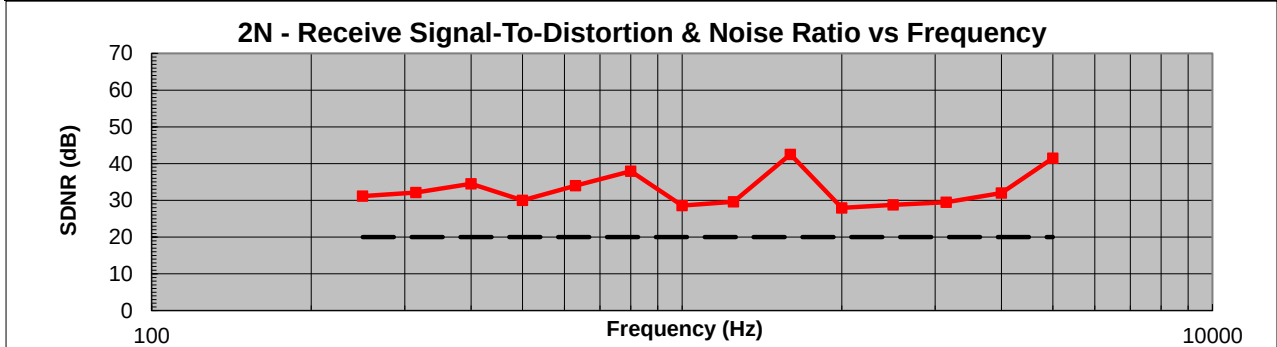
Device Under Test:	20241128_L14_WB_2N
Bandwidth	Wideband
Test Date:	2024-11-28

Receive Volume Control Performance

TIA-5050	Test	Measured	Limits	Result	Reference
Clause 5.1	Recv output level dB SPL 2N	83.92 dB	info only		
	Recv conversational gain 2N	13.92 dB	6.00	PASS	

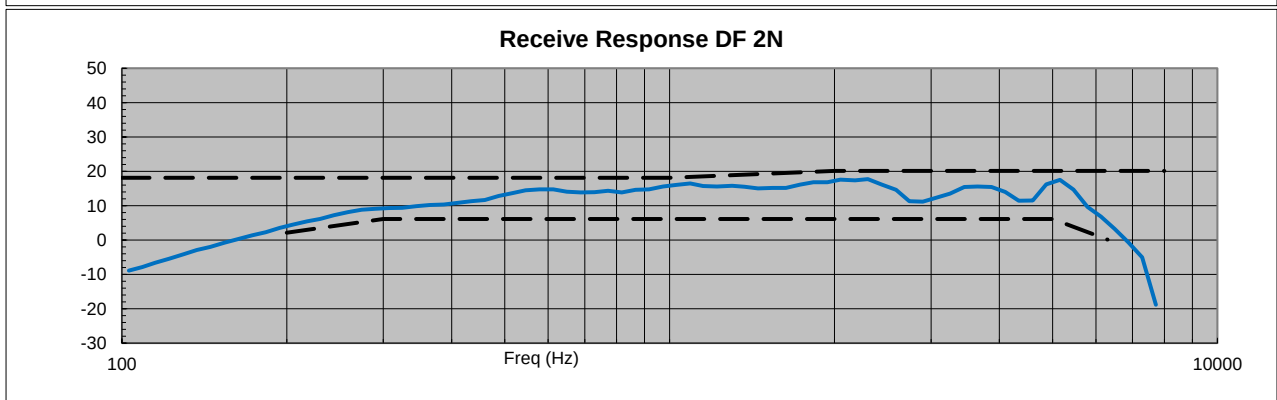
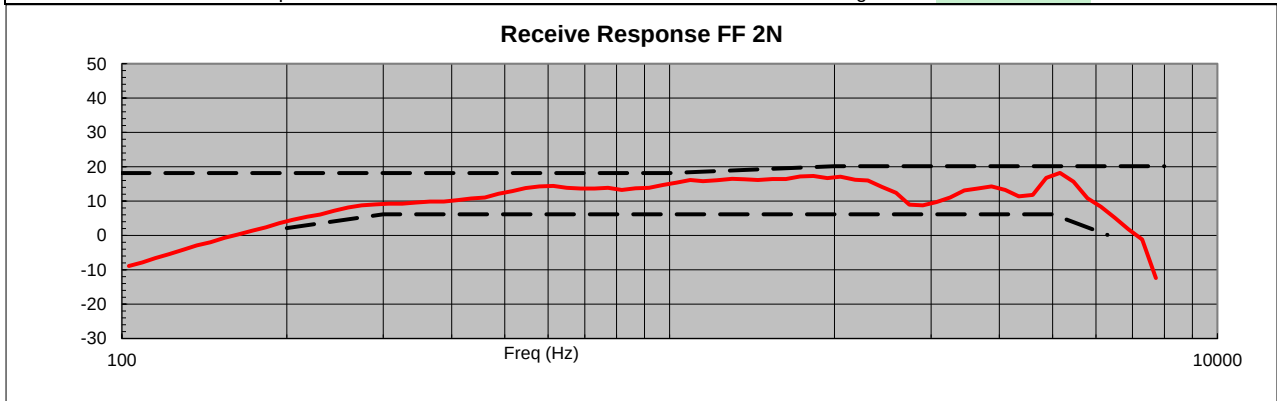
Receive Distortion and Noise Performance

TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.2	Recv PN-SDNR 2N	7.96 dB	Absolute Limits	PASS	
Note: SDNR includes noise and distortion products.					
Stimulus level				-20 dBPa	
Sentence conditioning				-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	1.95 dB	Floating Limits	PASS	
	Recv resp DF 2N	1.9 dB	Floating Limits	PASS	



TIA-5050 Receive Volume Control Measurements - 2N

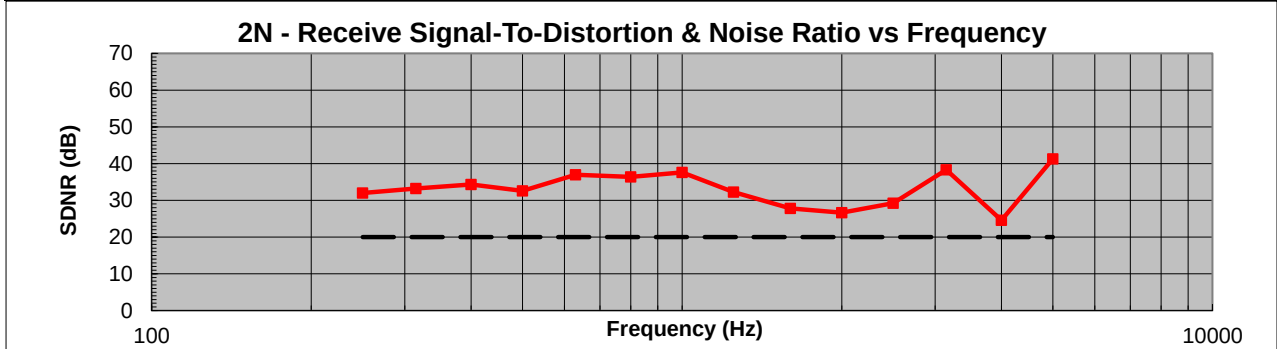
Device Under Test:	20241128_L25_WB_2N
Bandwidth	Wideband
Test Date:	2024-11-28

Receive Volume Control Performance

TIA-5050	Test	Measured	Limits	Result	Reference
Clause 5.1	Recv output level dB SPL 2N	83.6 dB	info only		
	Recv conversational gain 2N	13.6 dB	6.00	PASS	

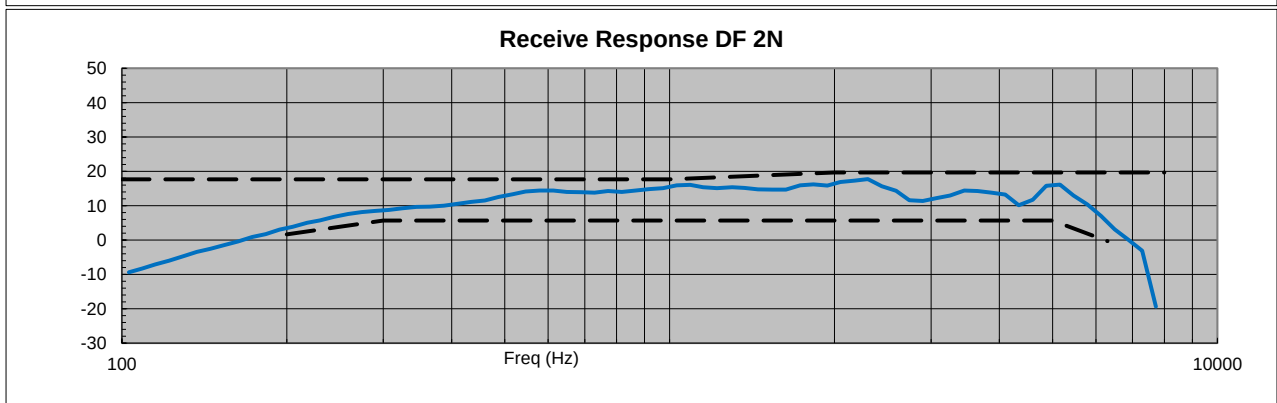
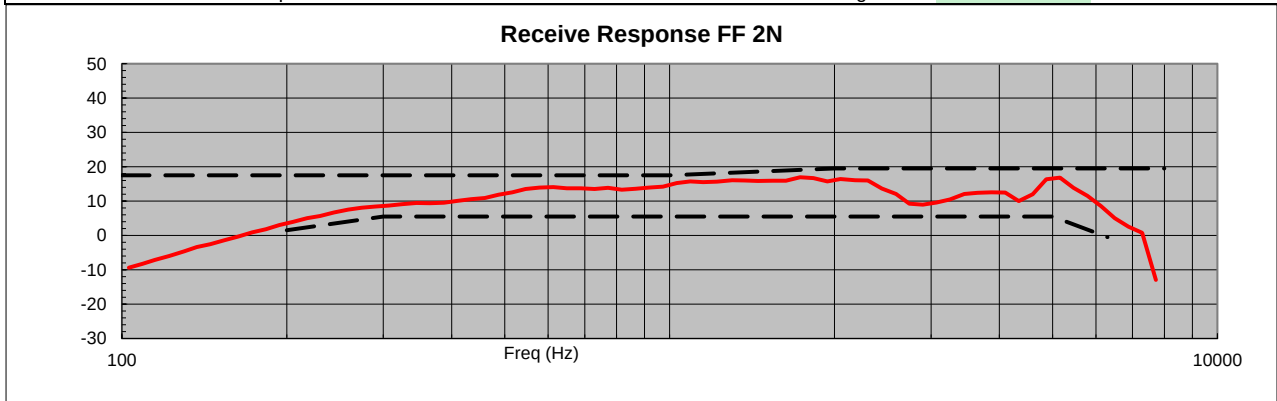
Receive Distortion and Noise Performance

TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.2	Recv PN-SDNR 2N	4.59 dB	Absolute Limits	PASS	
Note: SDNR includes noise and distortion products.					
Stimulus level				-20 dBPa	
Sentence conditioning				-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	2.04 dB	Floating Limits	PASS	
	Recv resp DF 2N	1.8 dB	Floating Limits	PASS	



TIA-5050 Receive Volume Control Measurements - 2N

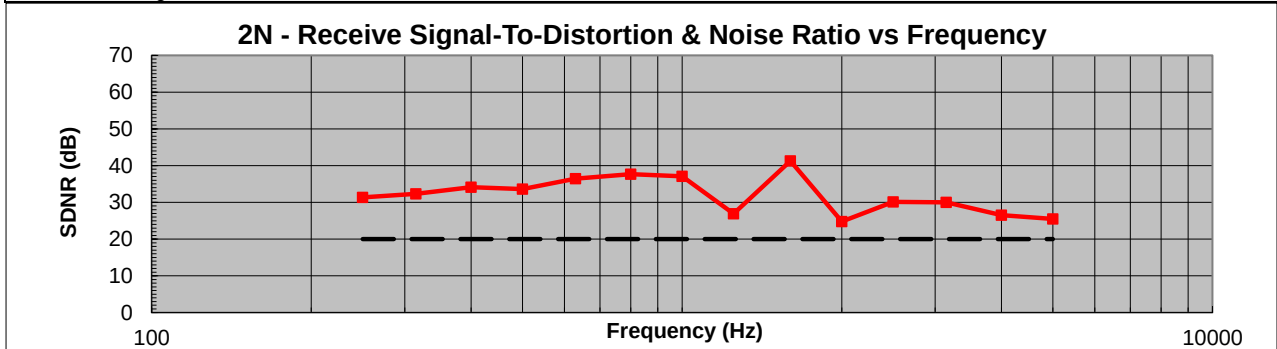
Device Under Test:	20241127_L26_Main1_2N
Bandwidth	Wideband
Test Date:	2024-11-27

Receive Volume Control Performance

TIA-5050	Test	Measured	Limits	Result	Reference
Clause 5.1	Recv output level dB SPL 2N	83.54 dB	info only		
	Recv conversational gain 2N	13.54 dB	6.00	PASS	

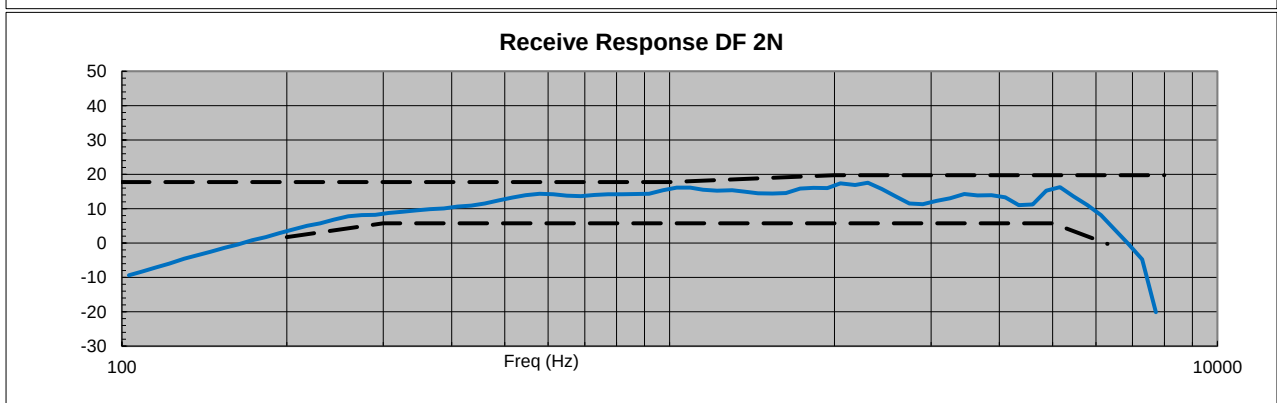
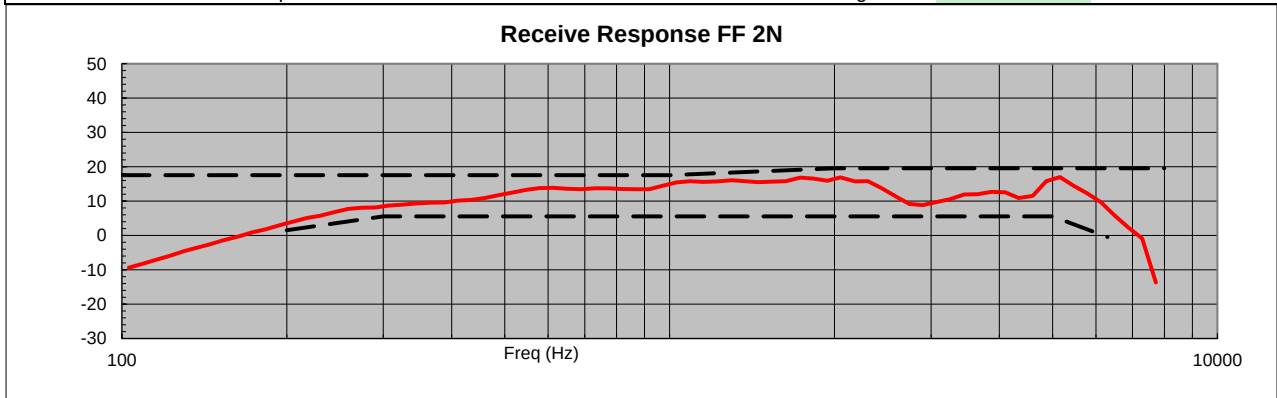
Receive Distortion and Noise Performance

TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.2	Recv PN-SDNR 2N	4.78 dB	Absolute Limits	PASS	
Note: SDNR includes noise and distortion products.					
Stimulus level				-20 dBPa	
Sentence conditioning				-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	1.97 dB	Floating Limits	PASS	
	Recv resp DF 2N	1.7 dB	Floating Limits	PASS	



TIA-5050 Receive Volume Control Measurements - 2N

Device Under Test:	20241128_L30_WB_2N
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Bandwidth	Wideband
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Test Date:	2024-11-28
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Receive Volume Control Performance

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

Receive Distortion and Noise Performance

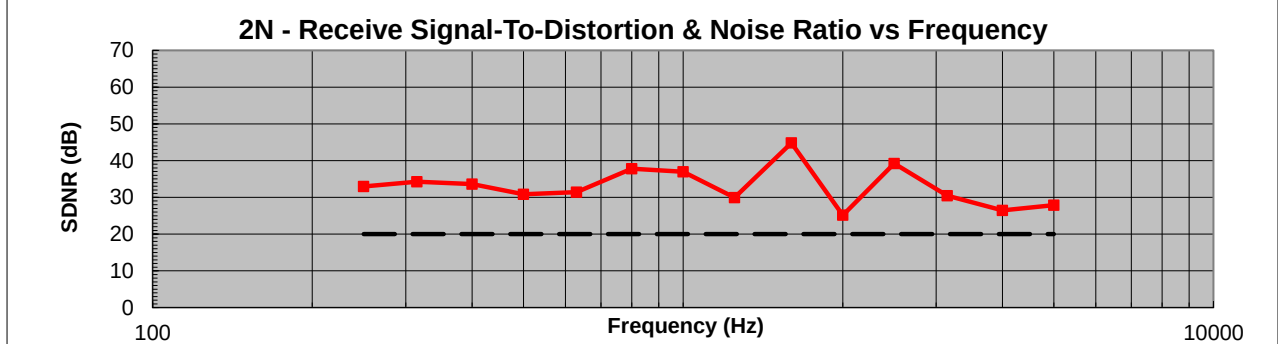
TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.2	Recv PN-SDNR 2N	5.13 dB	Absolute Limits	PASS	

Note: SDNR includes noise and distortion products.

Stimulus level -20 dBPa

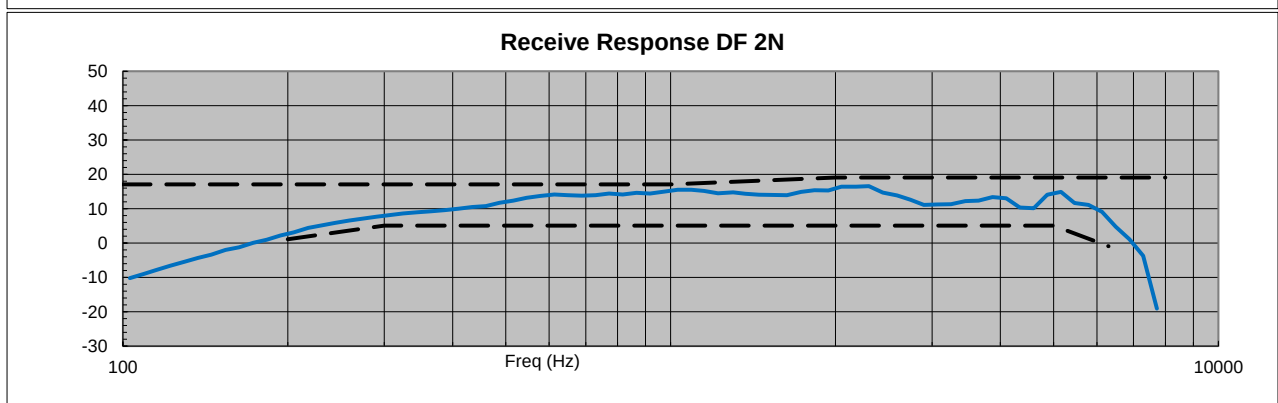
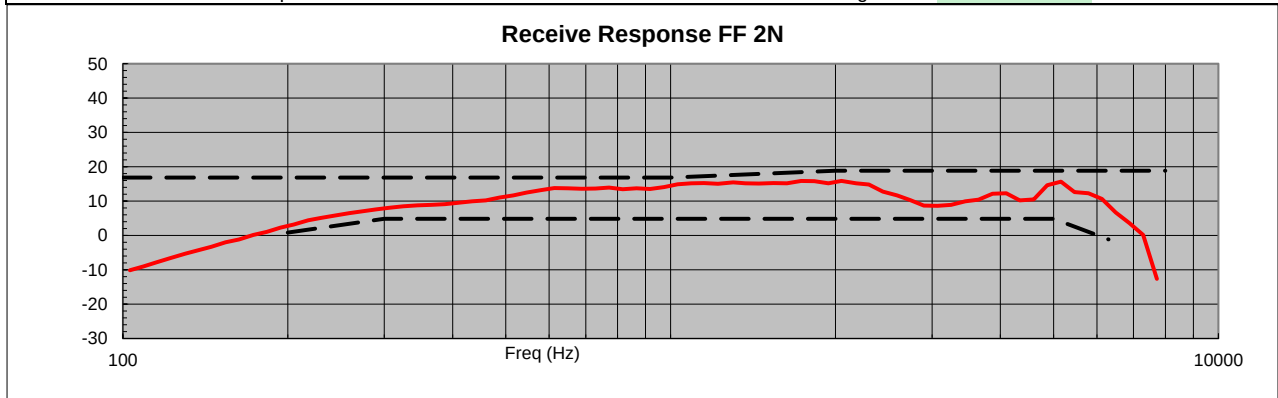
Sentence conditioning -20 dBPa

Short conditioning -20 dBPa



Receive Acoustic Frequency Response Performance

TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.3	Recv resp FF 2N	1.9 dB	Floating Limits	PASS	
	Recv resp DF 2N	1.6 dB	Floating Limits	PASS	



TIA-5050 Receive Volume Control Measurements - 2N

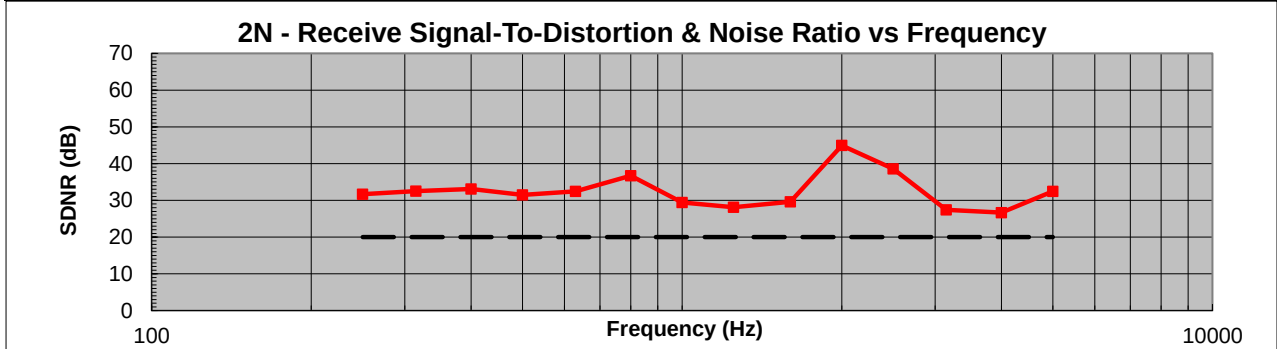
Device Under Test:	20241127_L66_Main2_2N
Bandwidth	Wideband
Test Date:	2024-11-27

Receive Volume Control Performance

TIA-5050	Test	Measured	Limits	Result	Reference
Clause 5.1	Recv output level dB SPL 2N	83.42 dB	info only		
	Recv conversational gain 2N	13.42 dB	6.00	PASS	

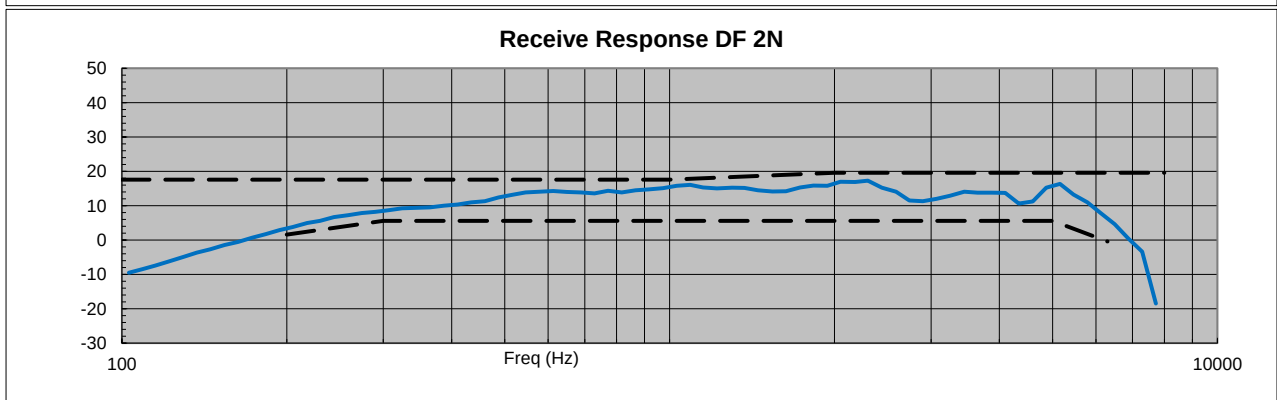
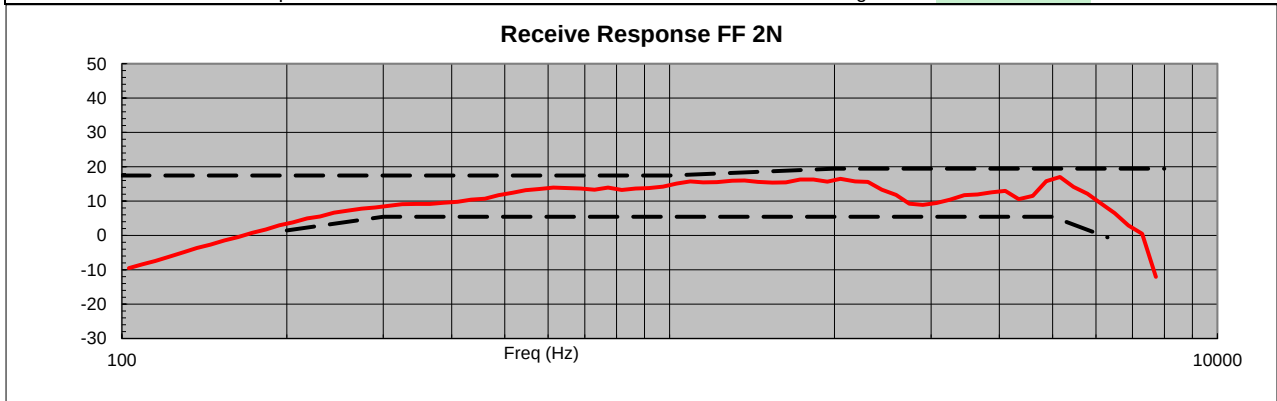
Receive Distortion and Noise Performance

TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.2	Recv PN-SDNR 2N	6.67 dB	Absolute Limits	PASS	
Note: SDNR includes noise and distortion products.					
Stimulus level				-20 dBPa	
Sentence conditioning				-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	1.99 dB	Floating Limits	PASS	
	Recv resp DF 2N	1.8 dB	Floating Limits	PASS	



TIA-5050 Receive Volume Control Measurements - 2N

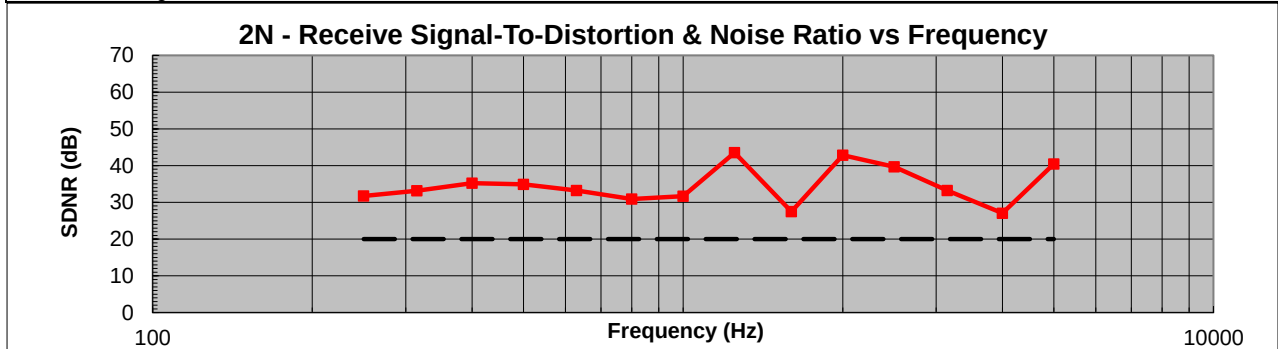
Device Under Test:	20241128_L71_WB_2N
Bandwidth	Wideband
Test Date:	2024-11-28

Receive Volume Control Performance

TIA-5050	Test	Measured	Limits	Result	Reference
Clause 5.1	Recv output level dB SPL 2N	83.43 dB	info only		
	Recv conversational gain 2N	13.43 dB	6.00	PASS	

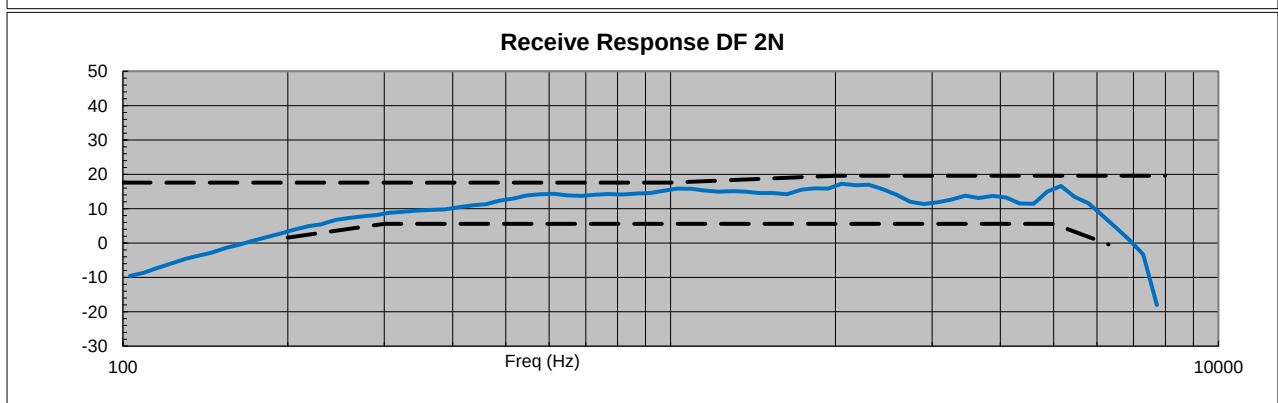
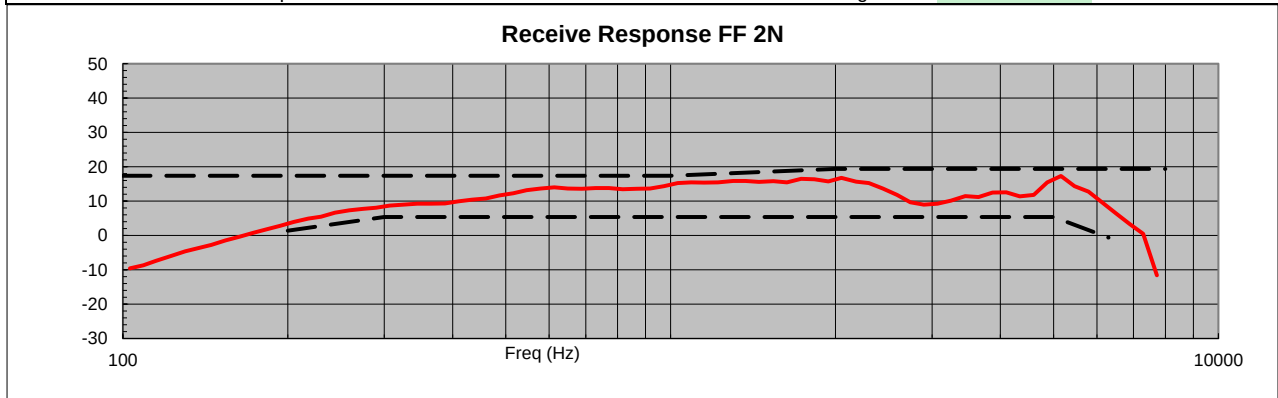
Receive Distortion and Noise Performance

TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.2	Recv PN-SDNR 2N	7.06 dB	Absolute Limits	PASS	
Note: SDNR includes noise and distortion products.					
Stimulus level				-20 dBPa	
Sentence conditioning				-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	2.07 dB	Floating Limits	PASS	
	Recv resp DF 2N	1.8 dB	Floating Limits	PASS	



TIA-5050 Receive Volume Control Measurements - 2N

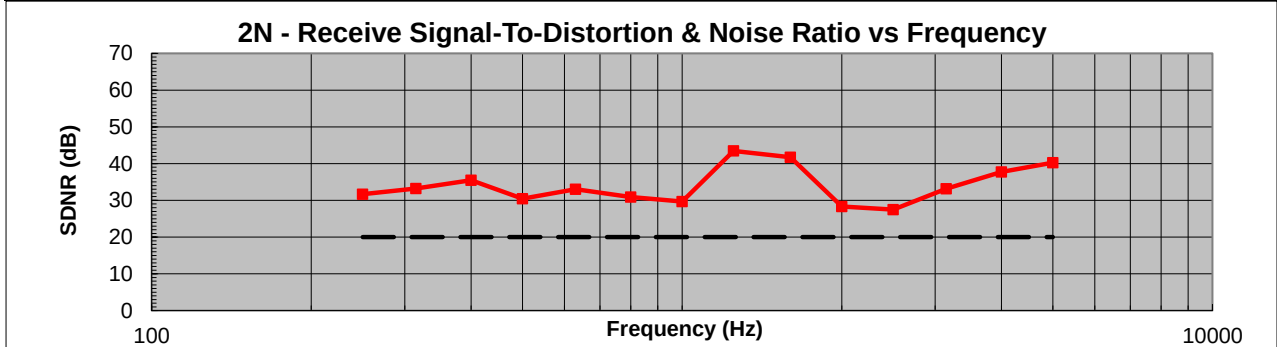
Device Under Test:	20241127_L41_WB_2N
Bandwidth	Wideband
Test Date:	2024-11-27

Receive Volume Control Performance

TIA-5050	Test	Measured	Limits	Result	Reference
Clause 5.1	Recv output level dB SPL 2N	83.79 dB	info only		
	Recv conversational gain 2N	13.79 dB	6.00	PASS	

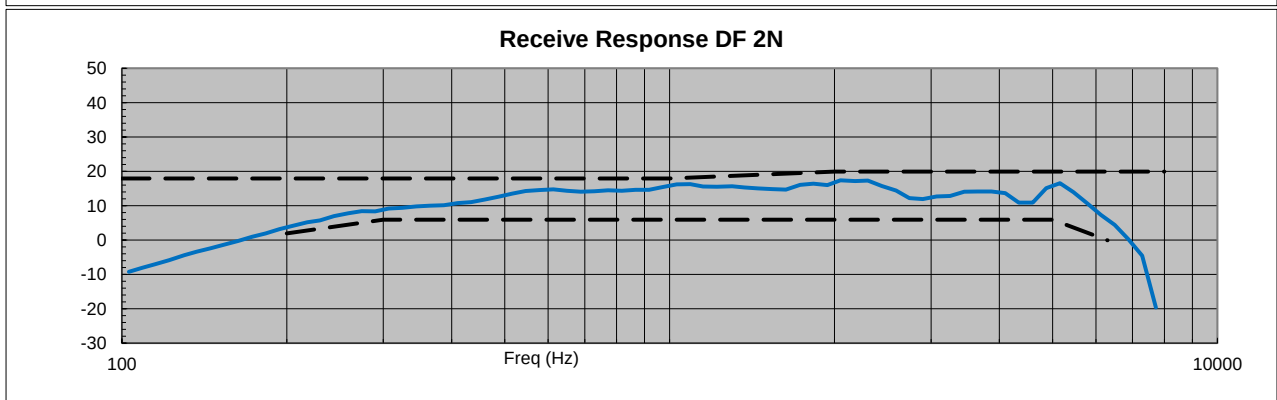
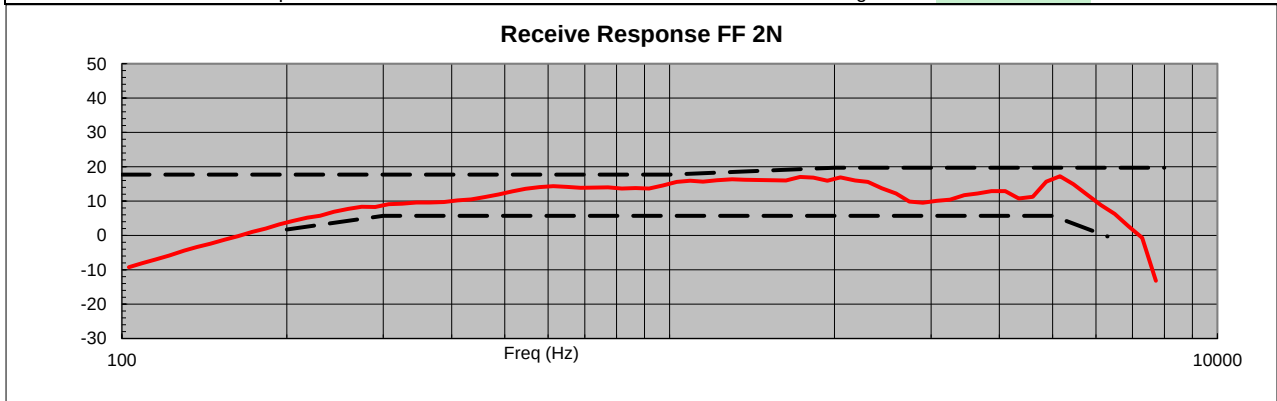
Receive Distortion and Noise Performance

TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.2	Recv PN-SDNR 2N	7.48 dB	Absolute Limits	PASS	
Note: SDNR includes noise and distortion products.					
Stimulus level				-20 dBPa	
Sentence conditioning				-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	2.04 dB	Floating Limits	PASS	
	Recv resp DF 2N	1.8 dB	Floating Limits	PASS	



TIA-5050 Receive Volume Control Measurements - 2N

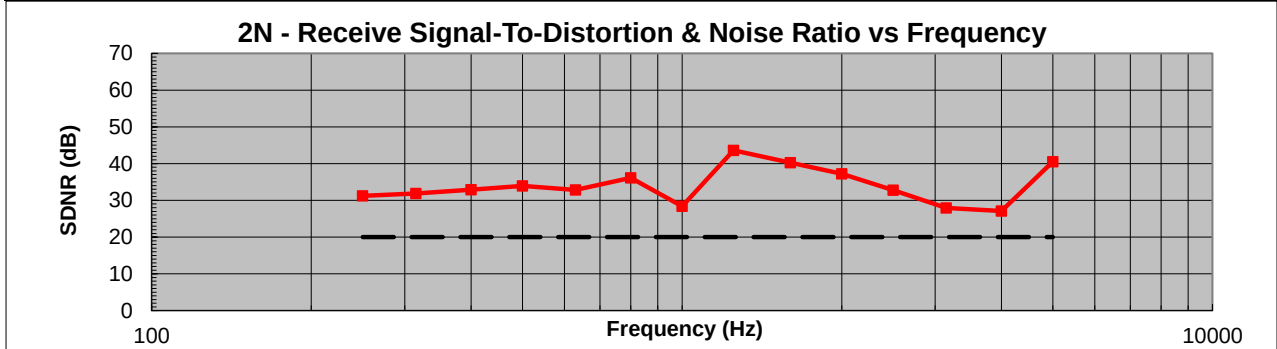
Device Under Test:	20241127_L48_WB_2N
Bandwidth	Wideband
Test Date:	2024-11-27

Receive Volume Control Performance

TIA-5050	Test	Measured	Limits	Result	Reference
Clause 5.1	Recv output level dB SPL 2N	83.87 dB	info only		
	Recv conversational gain 2N	13.87 dB	6.00	PASS	

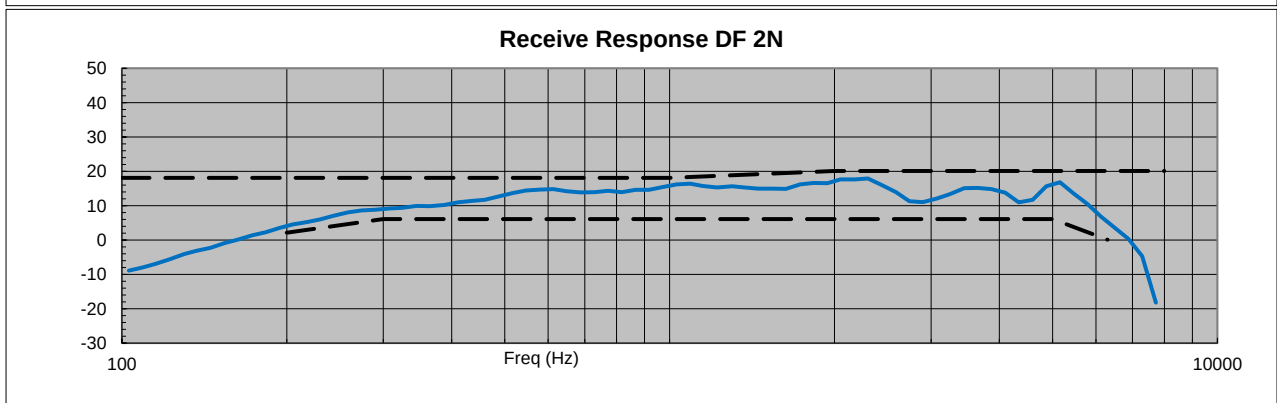
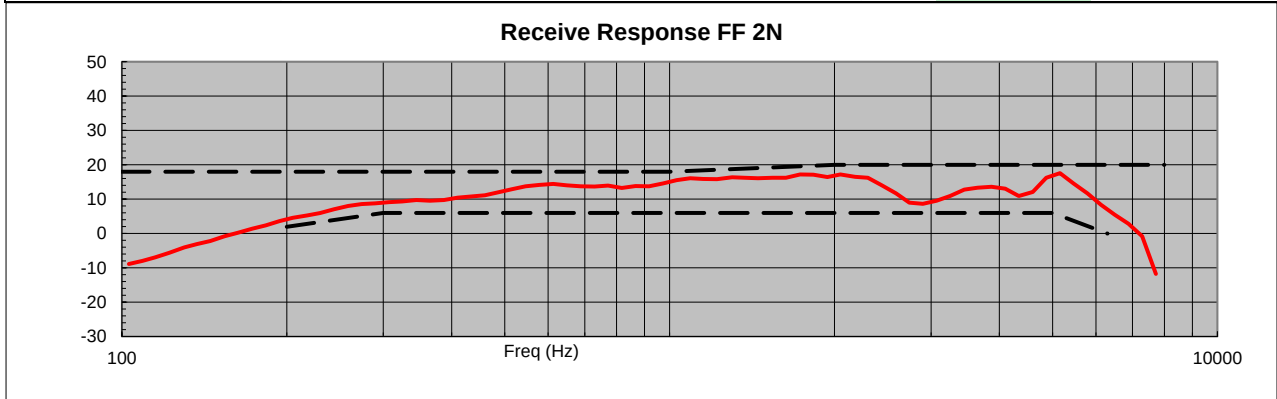
Receive Distortion and Noise Performance

TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.2	Recv PN-SDNR 2N	7.1 dB	Absolute Limits	PASS	
Note: SDNR includes noise and distortion products.					
Stimulus level				-20 dBPa	
Sentence conditioning				-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	2.15 dB	Floating Limits	PASS	
	Recv resp DF 2N	2 dB	Floating Limits	PASS	



TIA-5050 Receive Volume Control Measurements - 2N

Device Under Test:	20241204_N5_Main.1_2N
Bandwidth	Wideband
Test Date:	2024-12-04

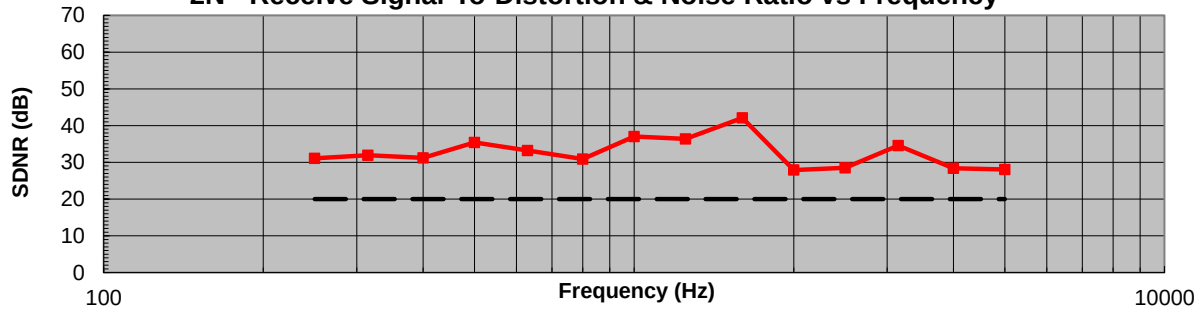
Receive Volume Control Performance

TIA-5050	Test	Measured	Limits	Result	Reference
Clause 5.1	Recv output level dB SPL 2N	83.81 dB	info only		
	Recv conversational gain 2N	13.81 dB	6.00	PASS	

Receive Distortion and Noise Performance

TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.2	Recv PN-SDNR 2N	7.9 dB	Absolute Limits	PASS	
Note: SDNR includes noise and distortion products.					
Stimulus level				-20 dBPa	
Sentence conditioning				-20 dBPa	
Short conditioning				-20 dBPa	

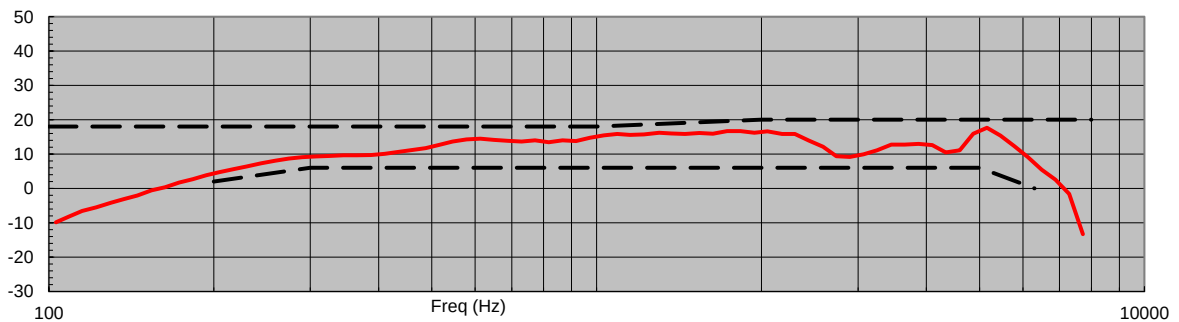
2N - Receive Signal-To-Distortion & Noise Ratio vs Frequency



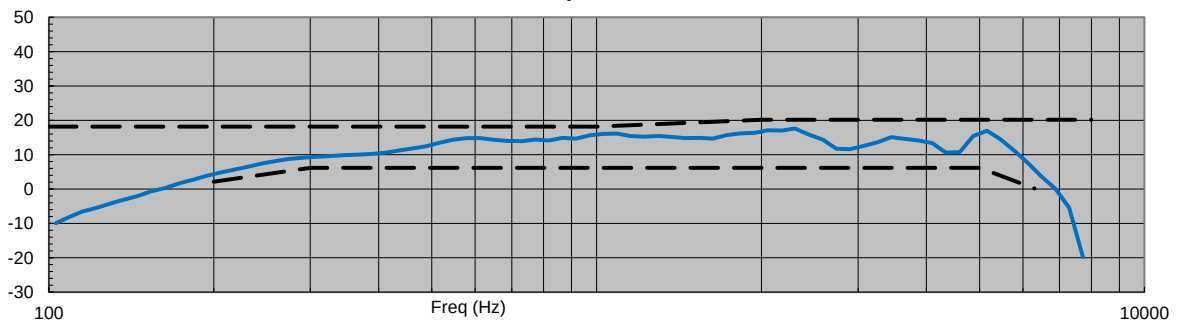
Receive Acoustic Frequency Response Performance

TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.3	Recv resp FF 2N	2.36 dB	Floating Limits	PASS	
	Recv resp DF 2N	2.2 dB	Floating Limits	PASS	

Receive Response FF 2N



Receive Response DF 2N



TIA-5050 Receive Volume Control Measurements - 2N

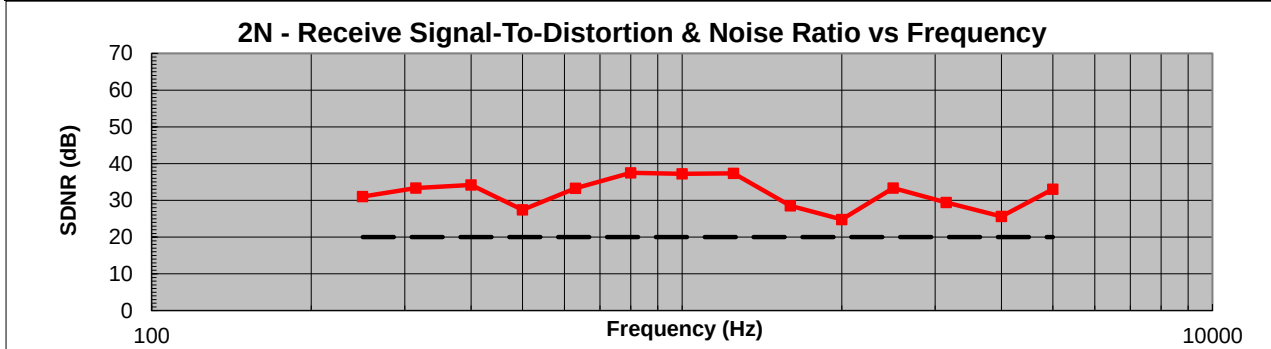
Device Under Test:	20241205_N25_WB_2N
Bandwidth	Wideband
Test Date:	2024-12-05

Receive Volume Control Performance

TIA-5050	Test	Measured	Limits	Result	Reference
Clause 5.1	Recv output level dB SPL 2N	83.73 dB	info only		
	Recv conversational gain 2N	13.73 dB	6.00	PASS	

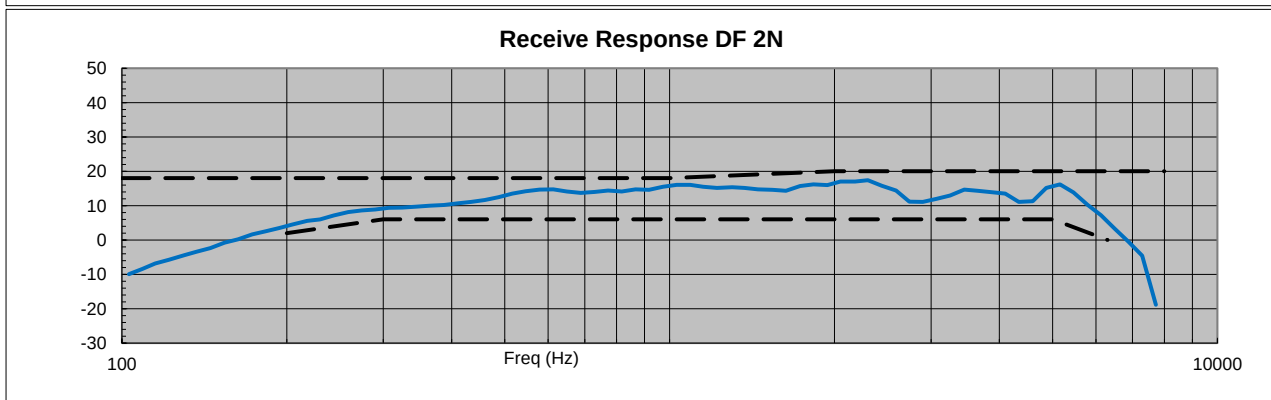
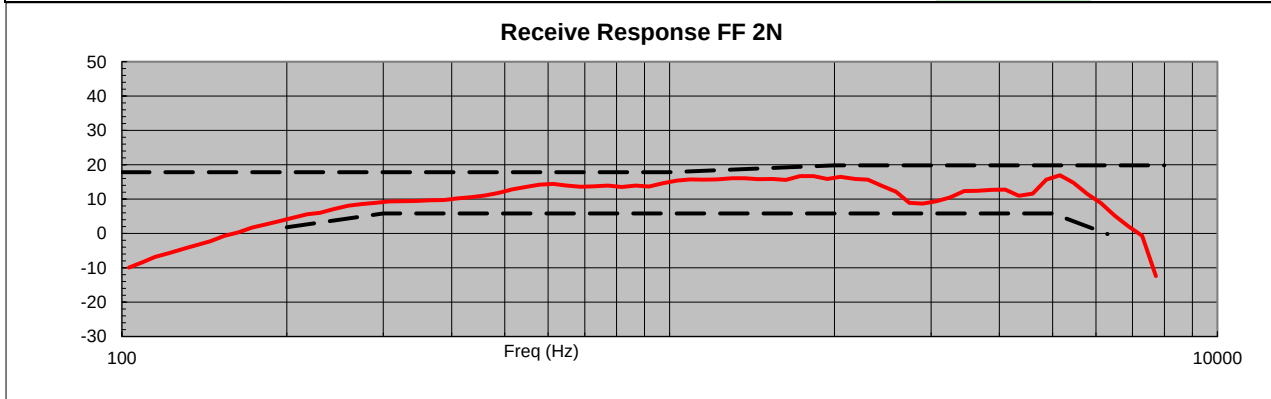
Receive Distortion and Noise Performance

TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.2	Recv PN-SDNR 2N	4.8 dB	Absolute Limits	PASS	
Note: SDNR includes noise and distortion products.					
Stimulus level				-20 dBPa	
Sentence conditioning				-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	2.32 dB	Floating Limits	PASS	
	Recv resp DF 2N	2.1 dB	Floating Limits	PASS	



TIA-5050 Receive Volume Control Measurements - 2N

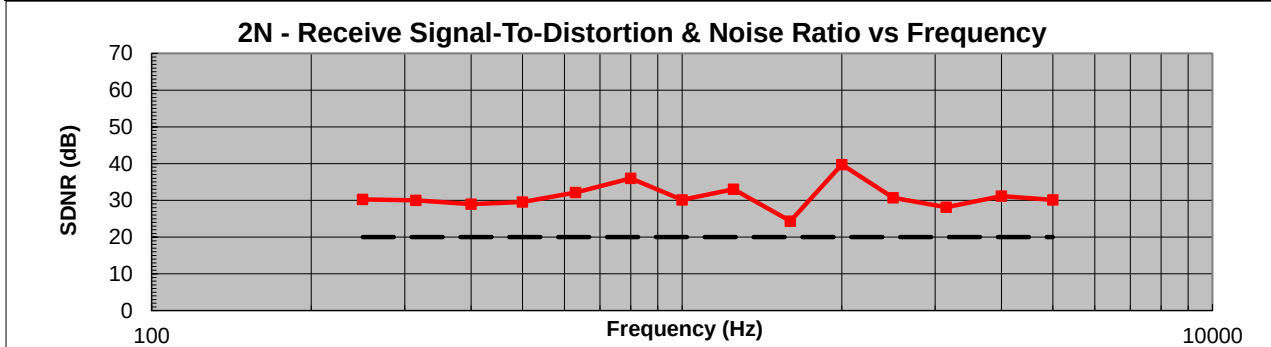
Device Under Test:	20241216_N30_WB_2N
Bandwidth	Wideband
Test Date:	2024-12-16

Receive Volume Control Performance

TIA-5050	Test	Measured	Limits	Result	Reference
Clause 5.1	Recv output level dB SPL 2N	83.56 dB	info only		
	Recv conversational gain 2N	13.56 dB	6.00	PASS	

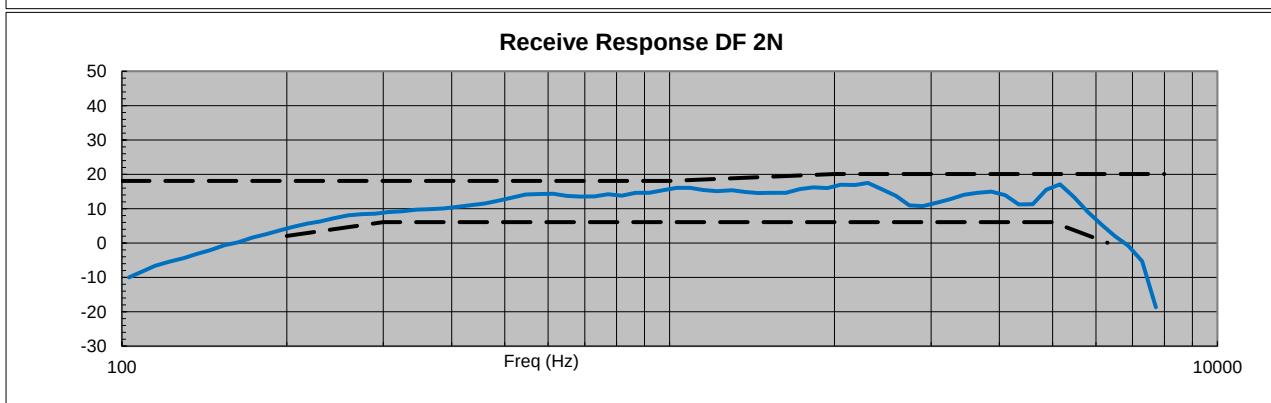
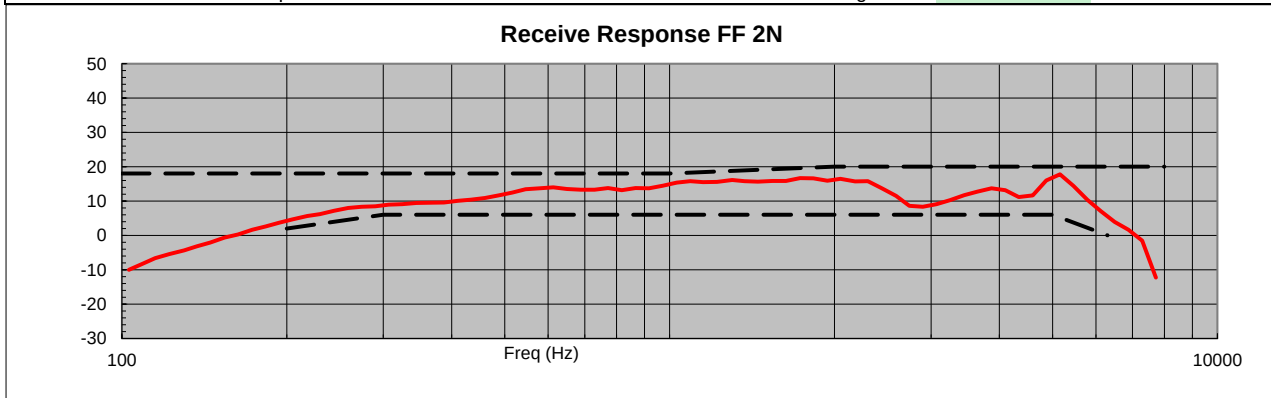
Receive Distortion and Noise Performance

TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.2	Recv PN-SDNR 2N	4.35 dB	Absolute Limits	PASS	
Note: SDNR includes noise and distortion products.					
Stimulus level				-20 dBPa	
Sentence conditioning				-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	2.24 dB	Floating Limits	PASS	
	Recv resp DF 2N	2.1 dB	Floating Limits	PASS	



TIA-5050 Receive Volume Control Measurements - 2N

Device Under Test:	20241205_N66_WB_2N
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Bandwidth	Wideband
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Test Date:	2024-12-05
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Receive Volume Control Performance

TIA-5050	Test	Measured	Limits	Result	Reference
Clause 5.1	Recv output level dB SPL 2N	83.42 dB	info only		
	Recv conversational gain 2N	13.42 dB	6.00	PASS	

Receive Distortion and Noise Performance

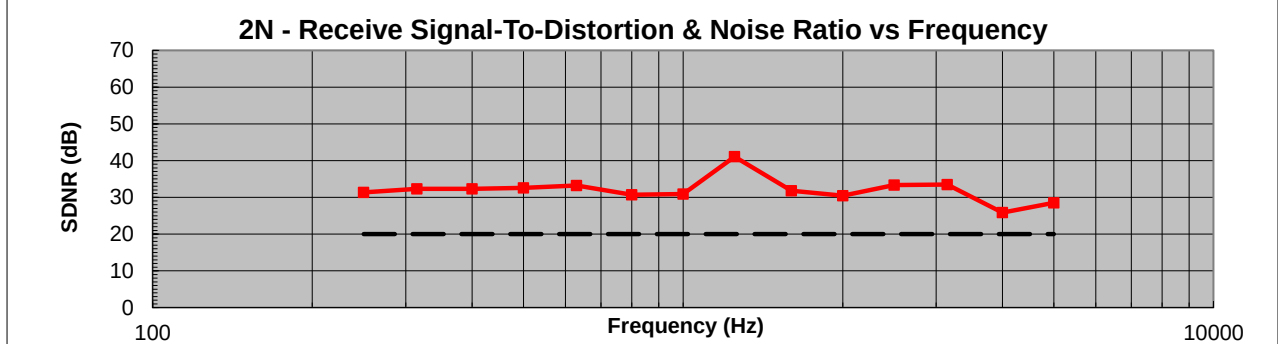
TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.2	Recv PN-SDNR 2N	5.85 dB	Absolute Limits	PASS	

Note: SDNR includes noise and distortion products.

Stimulus level -20 dBPa

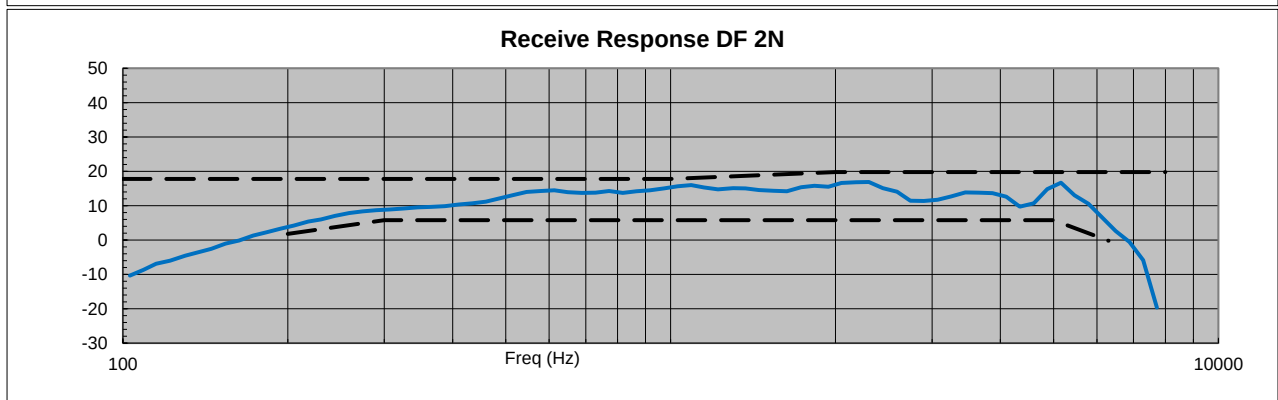
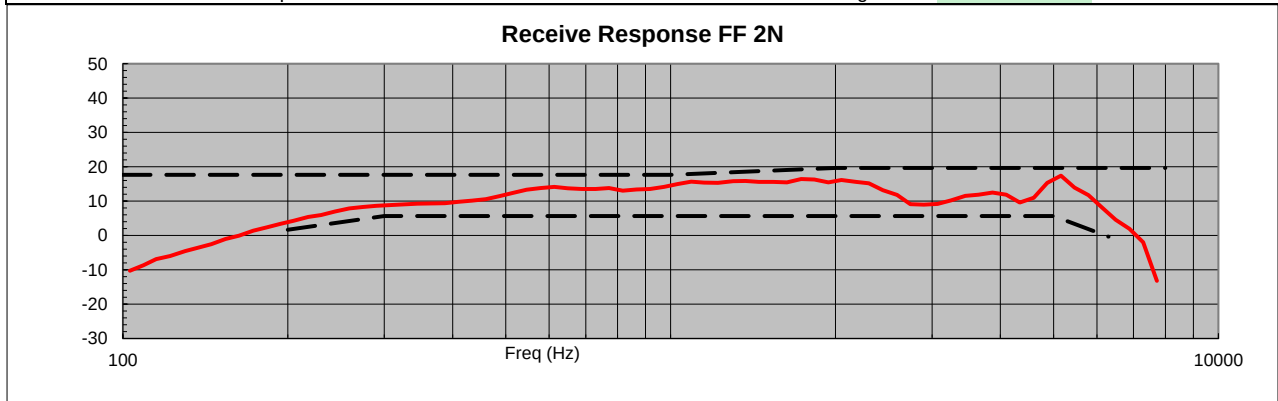
Sentence conditioning -20 dBPa

Short conditioning -20 dBPa



Receive Acoustic Frequency Response Performance

TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.3	Recv resp FF 2N	2.22 dB	Floating Limits	PASS	
	Recv resp DF 2N	2 dB	Floating Limits	PASS	



TIA-5050 Receive Volume Control Measurements - 2N

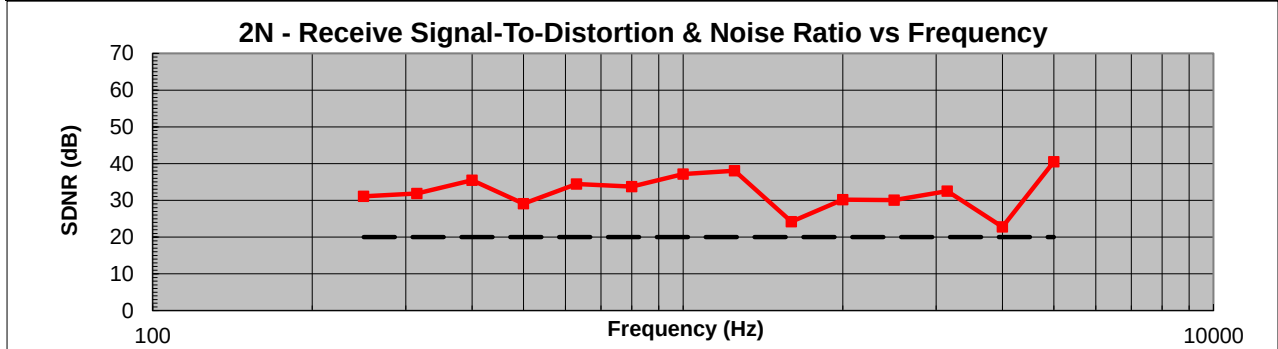
Device Under Test:	20241205_N70_WB_2N
Bandwidth	Wideband
Test Date:	2024-12-05

Receive Volume Control Performance

TIA-5050	Test	Measured	Limits	Result	Reference
Clause 5.1	Recv output level dB SPL 2N	83.63 dB	info only		
	Recv conversational gain 2N	13.63 dB	6.00	PASS	

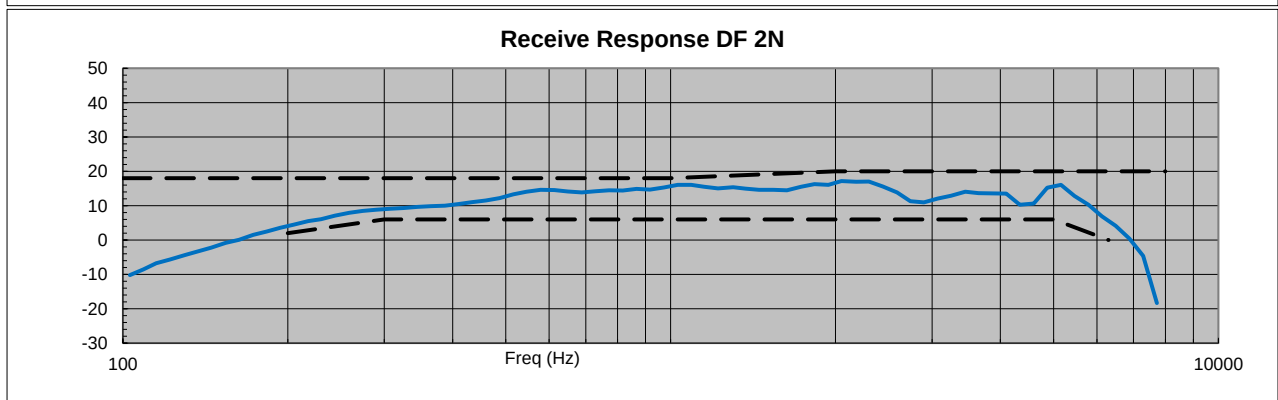
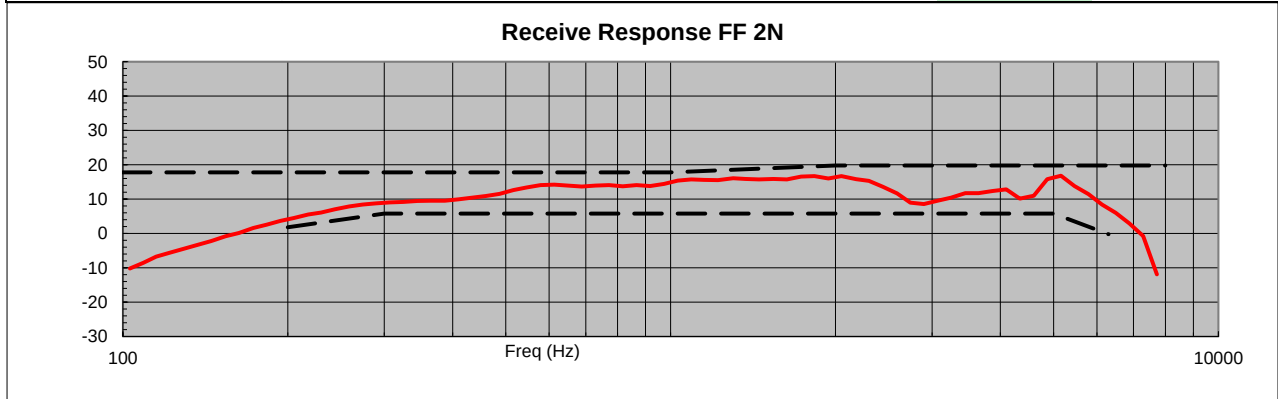
Receive Distortion and Noise Performance

TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.2	Recv PN-SDNR 2N	2.76 dB	Absolute Limits	PASS	
Note: SDNR includes noise and distortion products.					
Stimulus level				-20 dBPa	
Sentence conditioning				-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	2.32 dB	Floating Limits	PASS	
	Recv resp DF 2N	2 dB	Floating Limits	PASS	



TIA-5050 Receive Volume Control Measurements - 2N

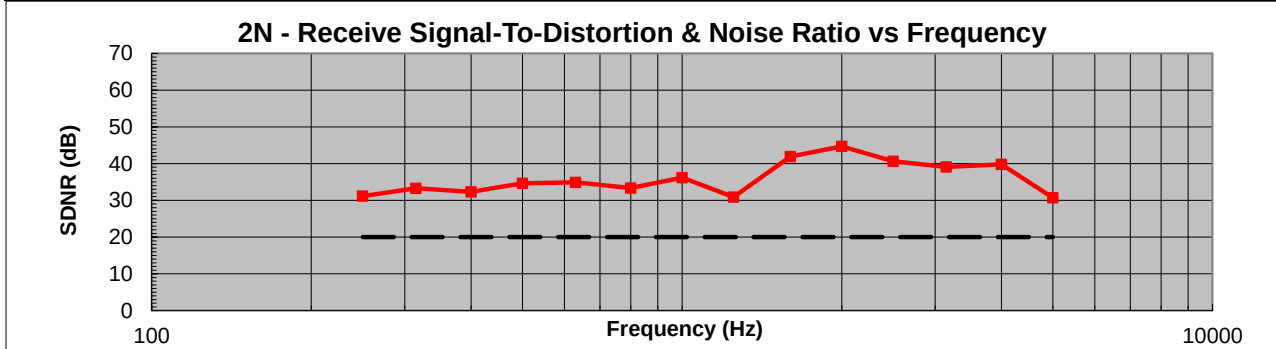
Device Under Test:	20241205_N71_WB_2N
Bandwidth	Wideband
Test Date:	2024-12-05

Receive Volume Control Performance

TIA-5050	Test	Measured	Limits	Result	Reference
Clause 5.1	Recv output level dB SPL 2N	83.82 dB	info only		
	Recv conversational gain 2N	13.82 dB	6.00	PASS	

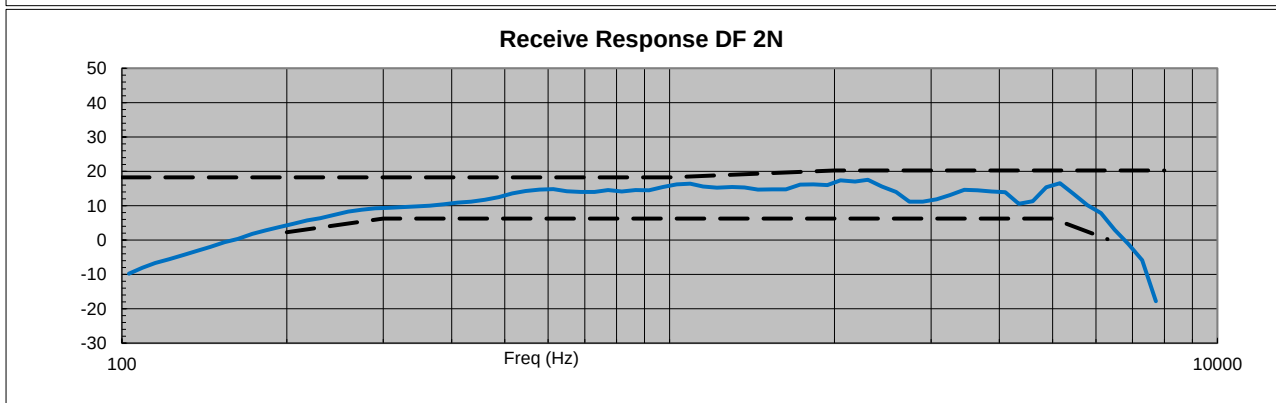
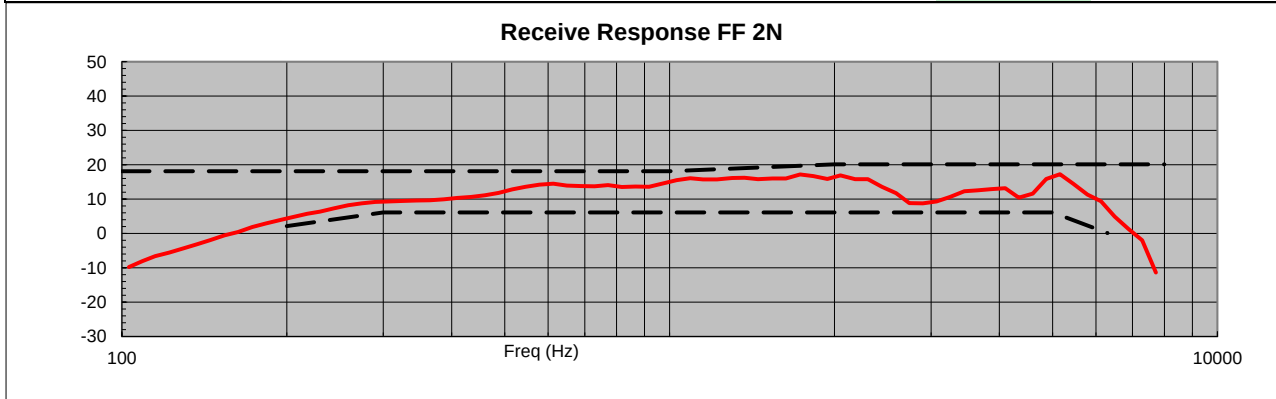
Receive Distortion and Noise Performance

TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.2	Recv PN-SDNR 2N	10.73 dB	Absolute Limits	PASS	
Note: SDNR includes noise and distortion products.					
Stimulus level				-20 dBPa	
Sentence conditioning				-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	2.26 dB	Floating Limits	PASS	
	Recv resp DF 2N	2.1 dB	Floating Limits	PASS	



TIA-5050 Receive Volume Control Measurements - 2N

Device Under Test:	20241217_N41_WB_100MHz_2N
Bandwidth	Wideband
Test Date:	2024-12-17

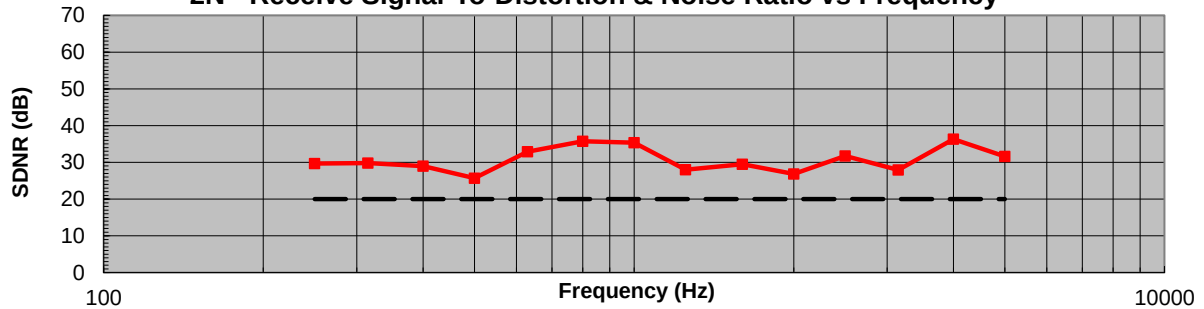
Receive Volume Control Performance

TIA-5050	Test	Measured	Limits	Result	Reference
Clause 5.1	Recv output level dB SPL 2N	83.58 dB	info only		
	Recv conversational gain 2N	13.58 dB	6.00	PASS	

Receive Distortion and Noise Performance

TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.2	Recv PN-SDNR 2N	5.7 dB	Absolute Limits	PASS	
Note: SDNR includes noise and distortion products.					
Stimulus level				-20 dBPa	
Sentence conditioning				-20 dBPa	
Short conditioning				-20 dBPa	

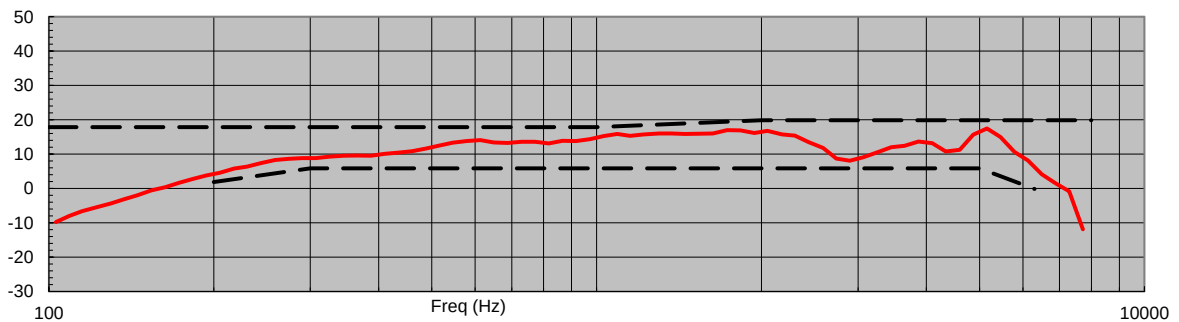
2N - Receive Signal-To-Distortion & Noise Ratio vs Frequency



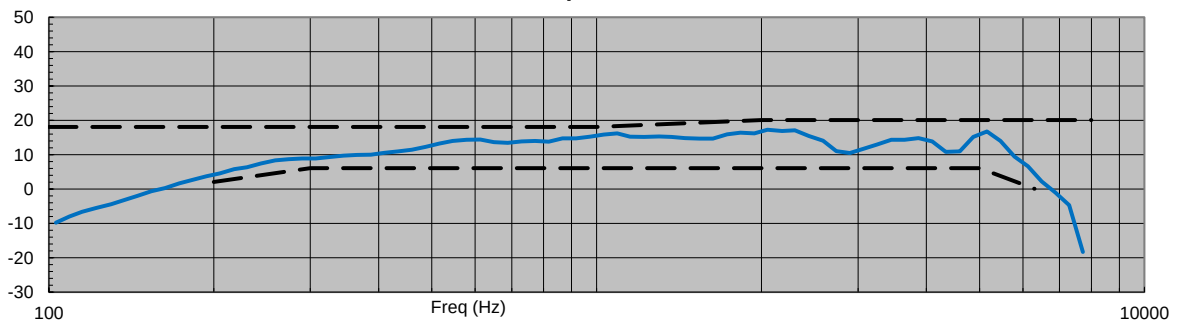
Receive Acoustic Frequency Response Performance

TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.3	Recv resp FF 2N	2.21 dB	Floating Limits	PASS	
	Recv resp DF 2N	2.1 dB	Floating Limits	PASS	

Receive Response FF 2N



Receive Response DF 2N



TIA-5050 Receive Volume Control Measurements - 2N

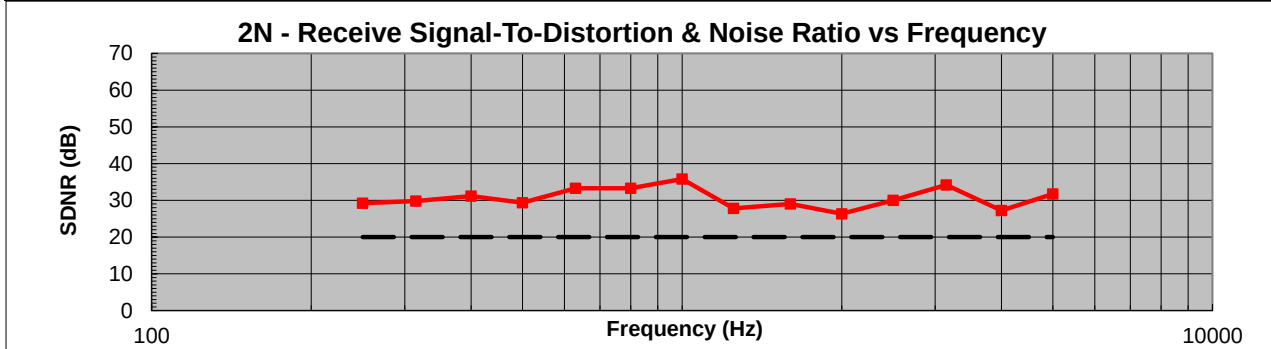
Device Under Test:	20241217_N48_WB_40MHz_2N
Bandwidth	Wideband
Test Date:	2024-12-17

Receive Volume Control Performance

TIA-5050	Test	Measured	Limits	Result	Reference
Clause 5.1	Recv output level dB SPL 2N	83.66 dB	info only		
	Recv conversational gain 2N	13.66 dB	6.00	PASS	

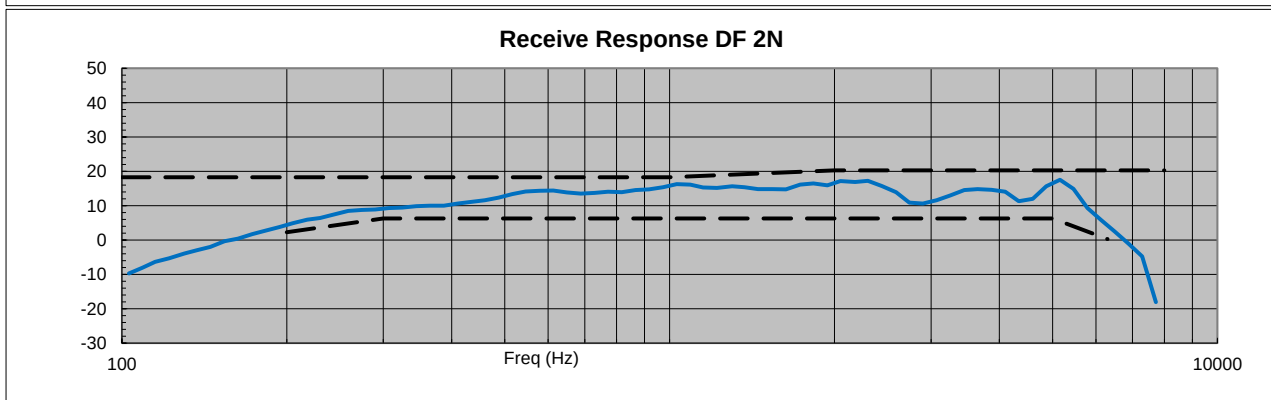
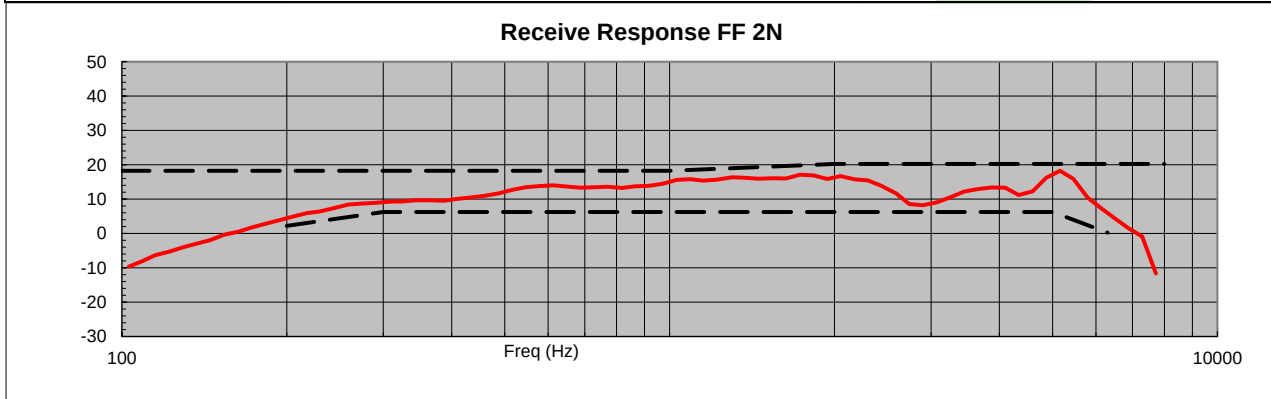
Receive Distortion and Noise Performance

TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.2	Recv PN-SDNR 2N	6.35 dB	Absolute Limits	PASS	
Note: SDNR includes noise and distortion products.					
Stimulus level				-20 dBPa	
Sentence conditioning				-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	1.99 dB	Floating Limits	PASS	
	Recv resp DF 2N	2.1 dB	Floating Limits	PASS	



TIA-5050 Receive Volume Control Measurements - 2N

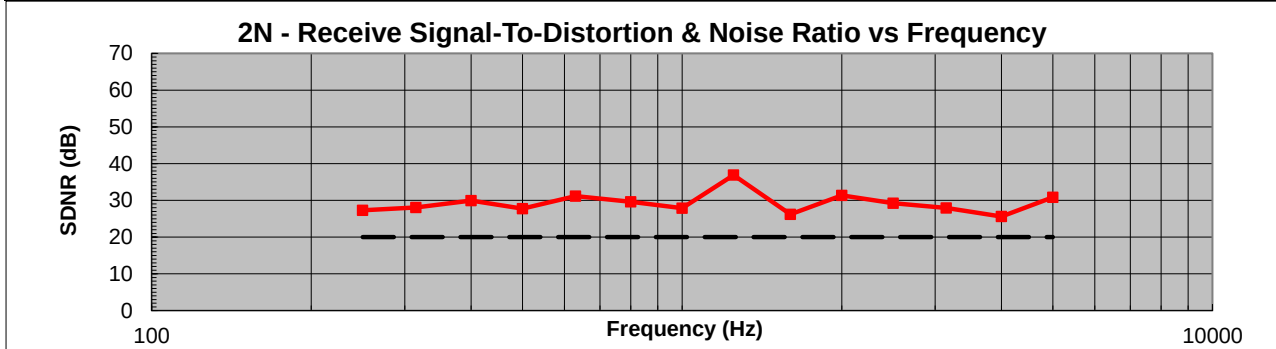
Device Under Test:	20241216_N77_WB_2N
Bandwidth	Wideband
Test Date:	2024-12-16

Receive Volume Control Performance

TIA-5050	Test	Measured	Limits	Result	Reference
Clause 5.1	Recv output level dB SPL 2N	83.53 dB	info only		
	Recv conversational gain 2N	13.53 dB	6.00	PASS	

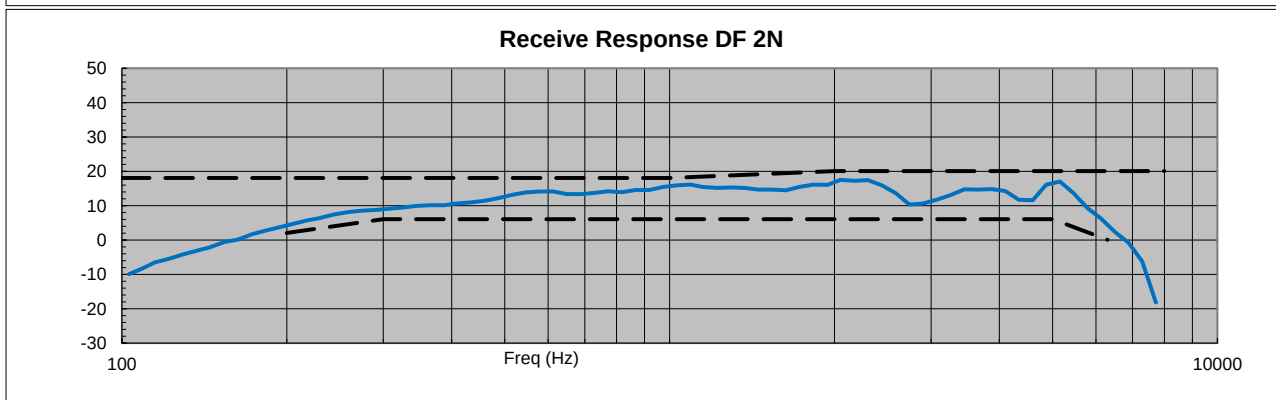
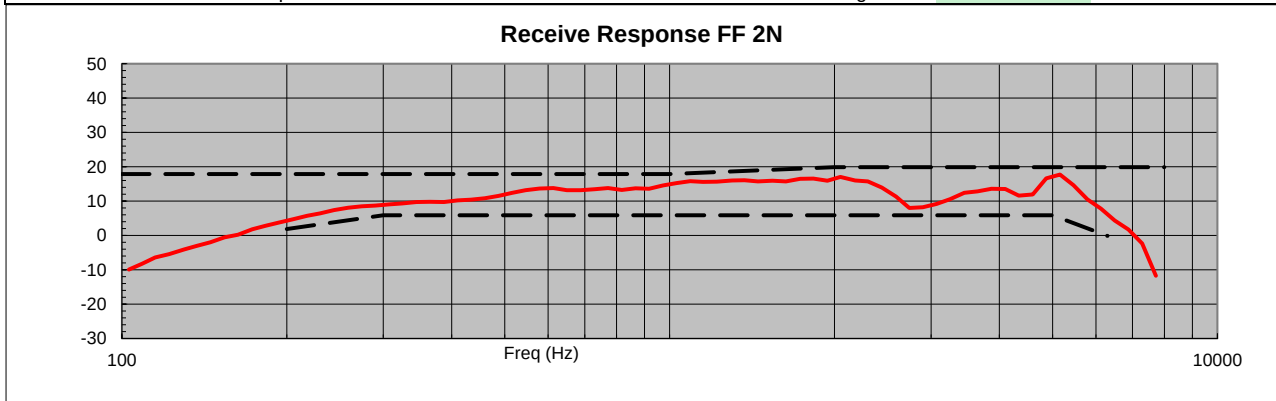
Receive Distortion and Noise Performance

TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.2	Recv PN-SDNR 2N	5.6 dB	Absolute Limits	PASS	
Note: SDNR includes noise and distortion products.					
Stimulus level				-20 dBPa	
Sentence conditioning				-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	2.15 dB	Floating Limits	PASS	
	Recv resp DF 2N	2.2 dB	Floating Limits	PASS	



TIA-5050 Receive Volume Control Measurements - 2N

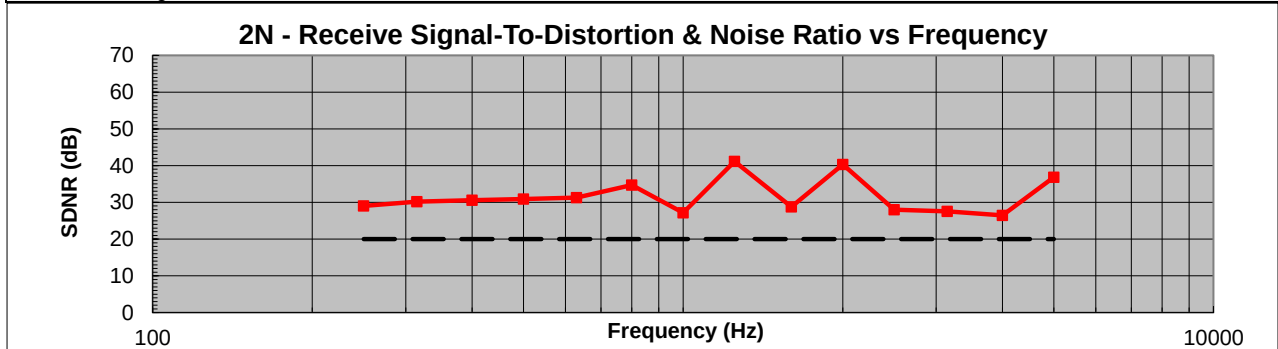
Device Under Test:	20241210_11g_WB_2N
Bandwidth	Wideband
Test Date:	2024-12-10

Receive Volume Control Performance

TIA-5050	Test	Measured	Limits	Result	Reference
Clause 5.1	Recv output level dB SPL 2N	84.02 dB	info only		
	Recv conversational gain 2N	14.02 dB	6.00	PASS	

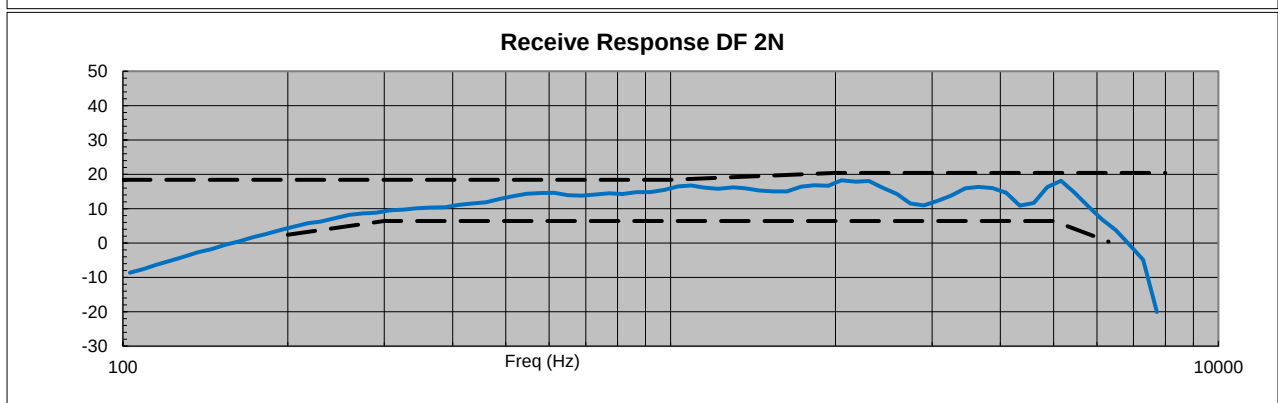
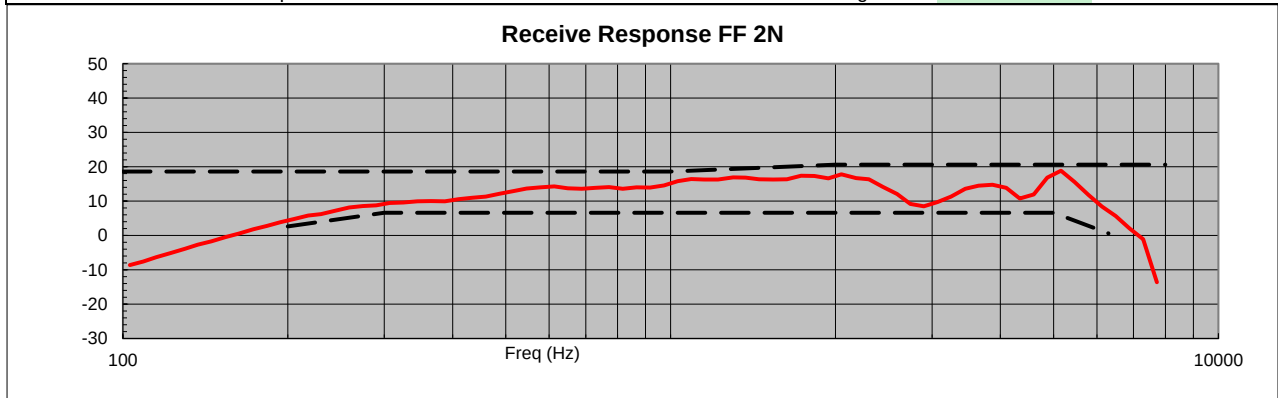
Receive Distortion and Noise Performance

TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.2	Recv PN-SDNR 2N	6.45 dB	Absolute Limits	PASS	
Note: SDNR includes noise and distortion products.					
Stimulus level				-20 dBPa	
Sentence conditioning				-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	1.76 dB	Floating Limits	PASS	
	Recv resp DF 2N	1.9 dB	Floating Limits	PASS	



TIA-5050 Receive Volume Control Measurements - 2N

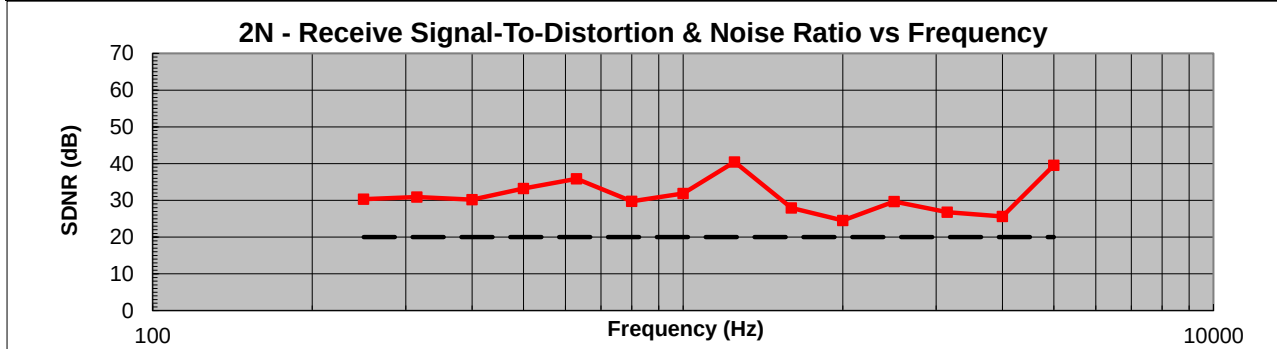
Device Under Test:	20241210_11a_MIMO_WB_2N
Bandwidth	Wideband
Test Date:	2024-12-10

Receive Volume Control Performance

TIA-5050	Test	Measured	Limits	Result	Reference
Clause 5.1	Recv output level dB SPL 2N	83.97 dB	info only		
	Recv conversational gain 2N	13.97 dB	6.00	PASS	

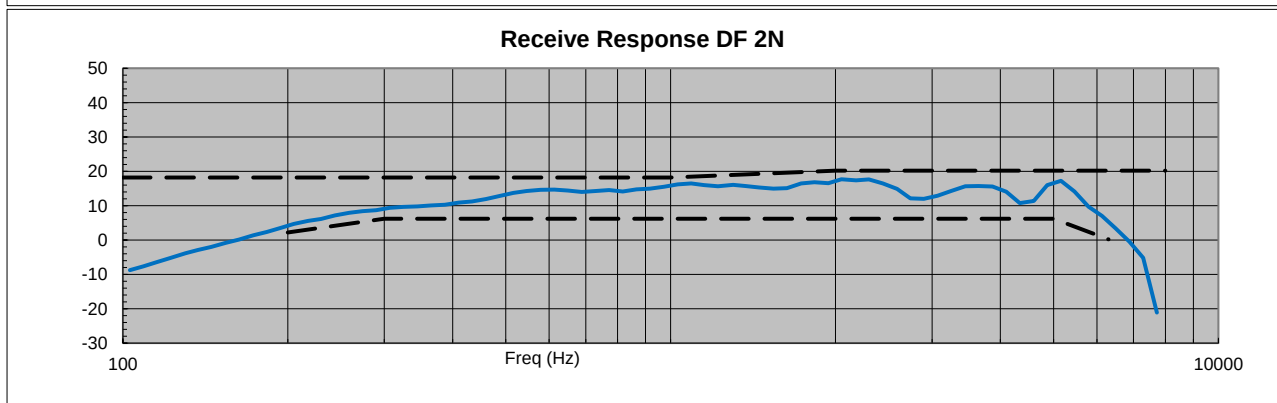
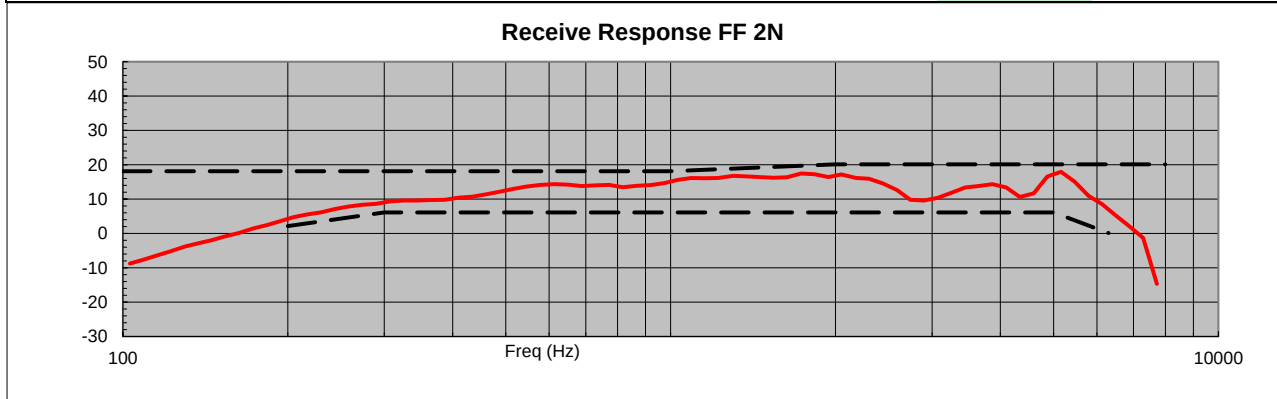
Receive Distortion and Noise Performance

TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.2	Recv PN-SDNR 2N	4.52 dB	Absolute Limits	PASS	
Note: SDNR includes noise and distortion products.					
Stimulus level				-20 dBPa	
Sentence conditioning				-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	2.11 dB	Floating Limits	PASS	
	Recv resp DF 2N	2 dB	Floating Limits	PASS	



TIA-5050 Receive Volume Control Measurements - 8N

Device Under Test:	20241129_L7_WB_8N
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Bandwidth	Wideband
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Test Date:	2024-11-29
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Receive Volume Control Performance

TIA-5050	Test	Measured	Limits	Result	Reference
Clause 5.1	Recv output level dB SPL 8N	86.81 dB	info only		
	Recv conversational gain 8N	16.81 dB	6.00	PASS	

Receive Distortion and Noise Performance

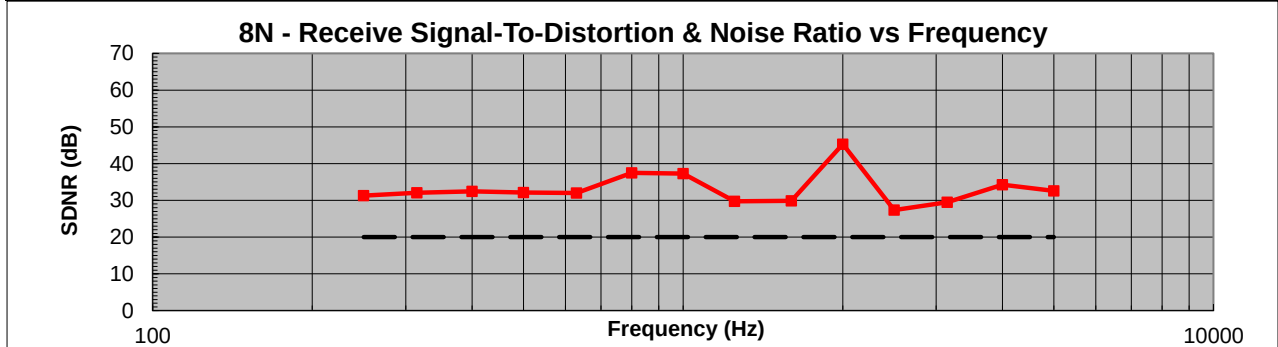
TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.2	Recv PN-SDNR 8N	7.4 dB	Absolute Limits	PASS	

Note: SDNR includes noise and distortion products.

Stimulus level -20 dBPa

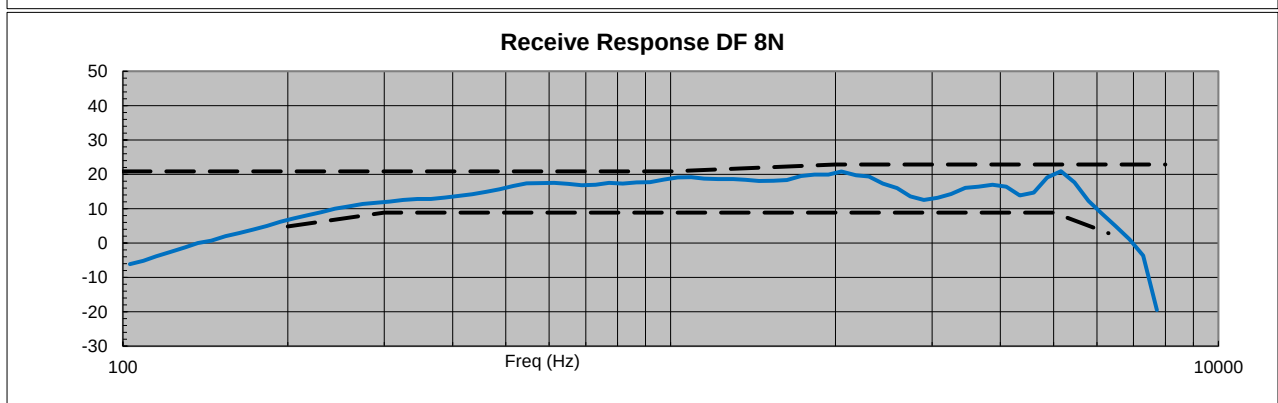
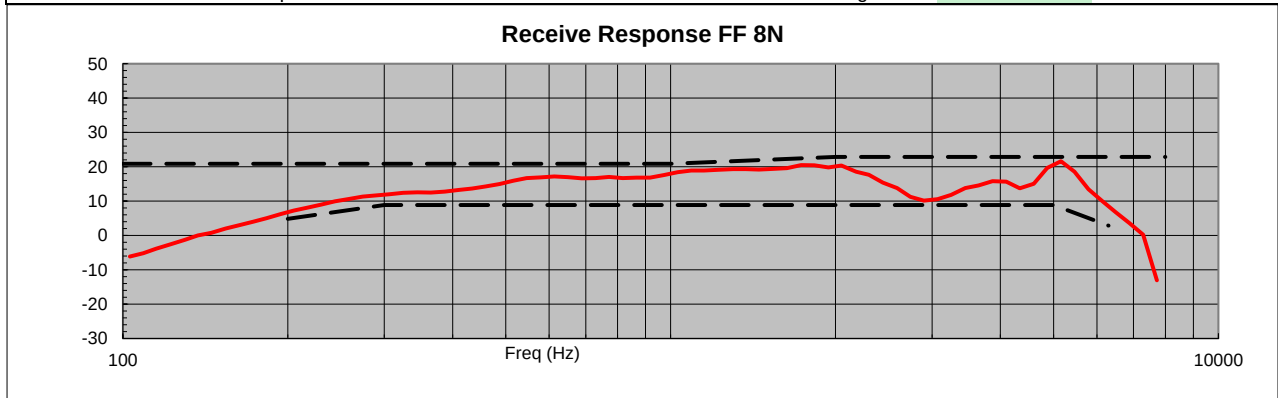
Sentence conditioning -20 dBPa

Short conditioning -20 dBPa



Receive Acoustic Frequency Response Performance

TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.3	Recv resp FF 8N	1.26 dB	Floating Limits	PASS	
	Recv resp DF 8N	1.9 dB	Floating Limits	PASS	



TIA-5050 Receive Volume Control Measurements - 8N

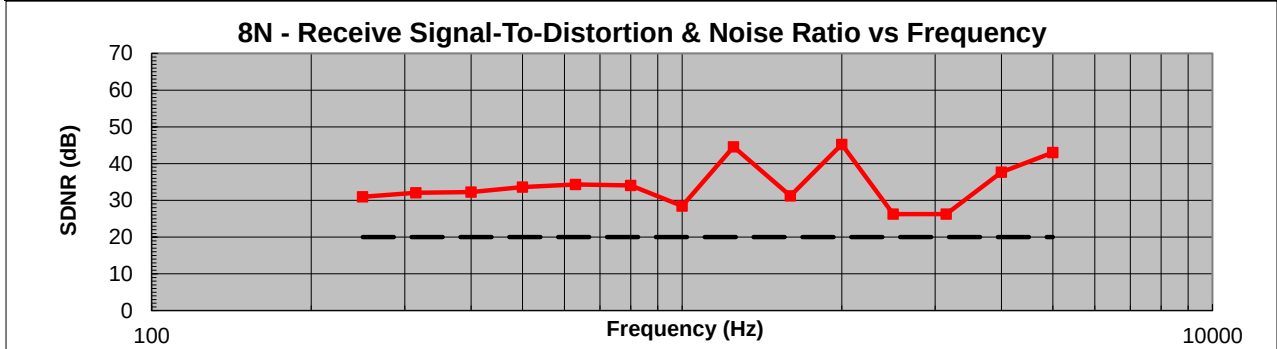
Device Under Test:	20241129_L12_WB_8N
Bandwidth	Wideband
Test Date:	2024-11-29

Receive Volume Control Performance

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

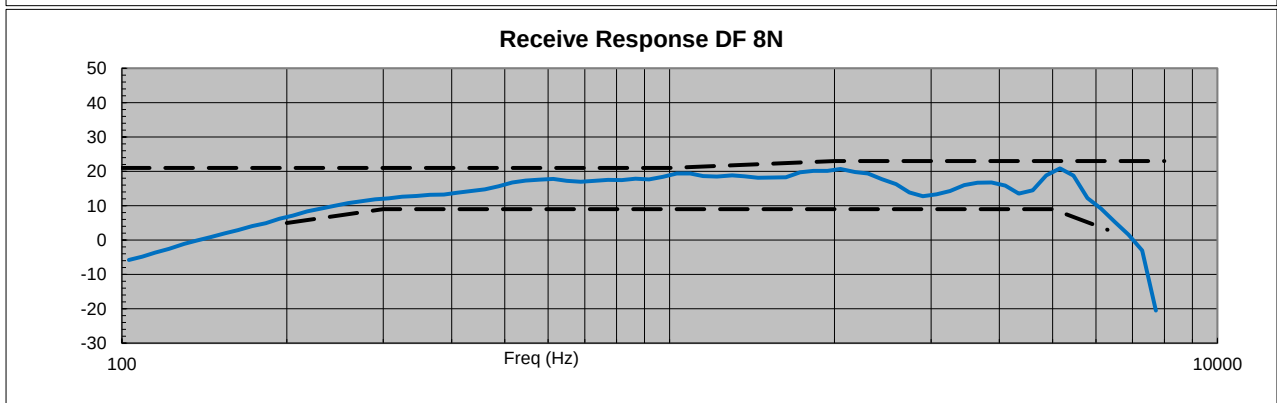
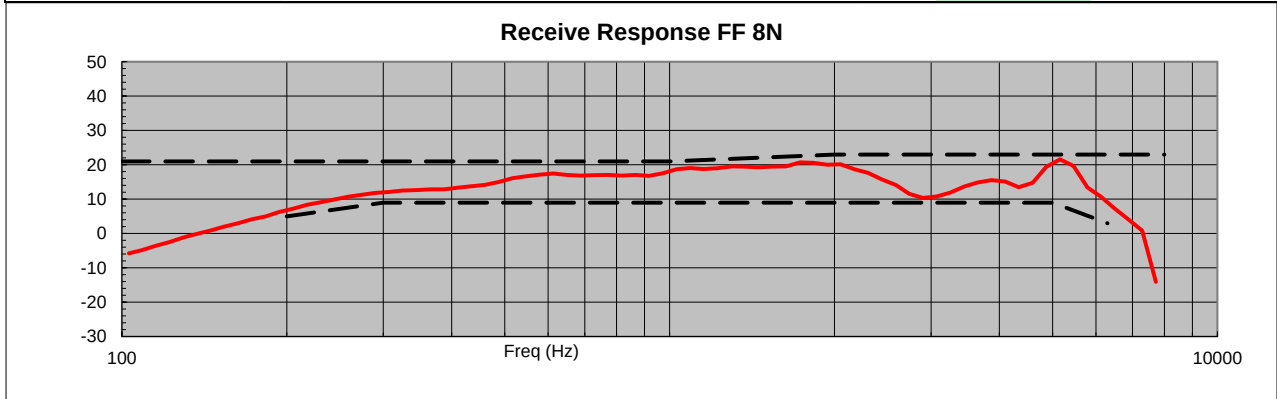
Receive Distortion and Noise Performance

TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.2	Recv PN-SDNR 8N	6.2 dB	Absolute Limits	PASS	
Note: SDNR includes noise and distortion products.					
Stimulus level				-20 dBPa	
Sentence conditioning				-20 dBPa	
Short conditioning				-20 dBPa	



Receive Acoustic Frequency Response Performance

TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.3	Recv resp FF 8N	1.4 dB	Floating Limits	PASS	
	Recv resp DF 8N	1.7 dB	Floating Limits	PASS	



TIA-5050 Receive Volume Control Measurements - 8N

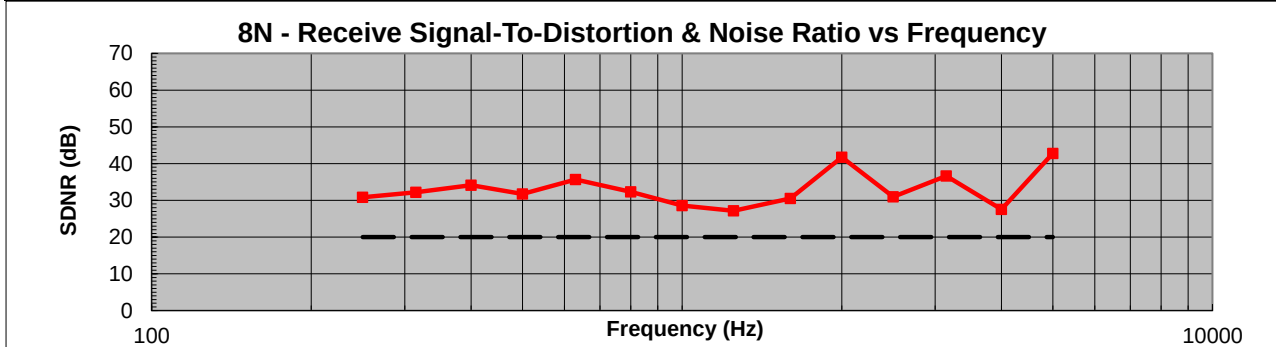
Device Under Test:	20241129_L13_WB_8N
Bandwidth	Wideband
Test Date:	2024-11-29

Receive Volume Control Performance

TIA-5050	Test	Measured	Limits	Result	Reference
Clause 5.1	Recv output level dB SPL 8N	86.84 dB	info only		
	Recv conversational gain 8N	16.84 dB	6.00	PASS	

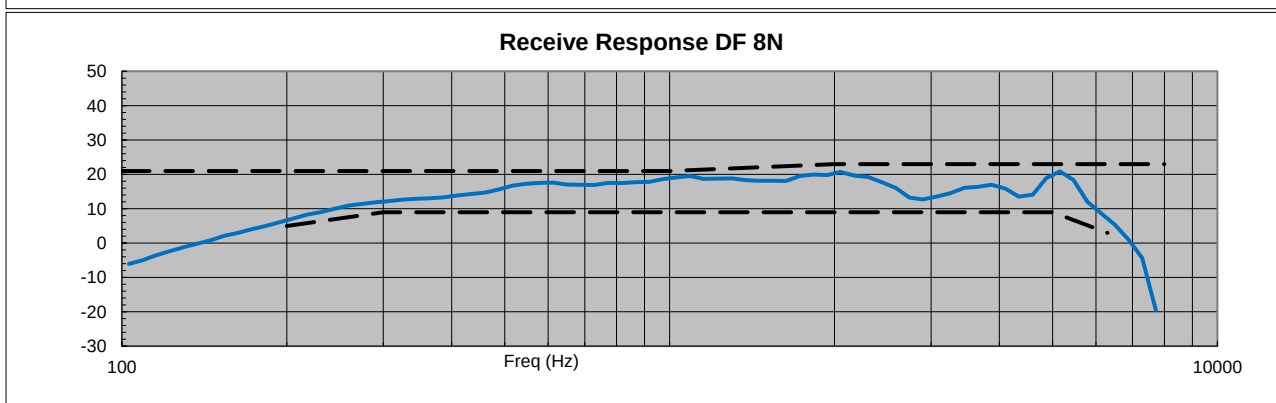
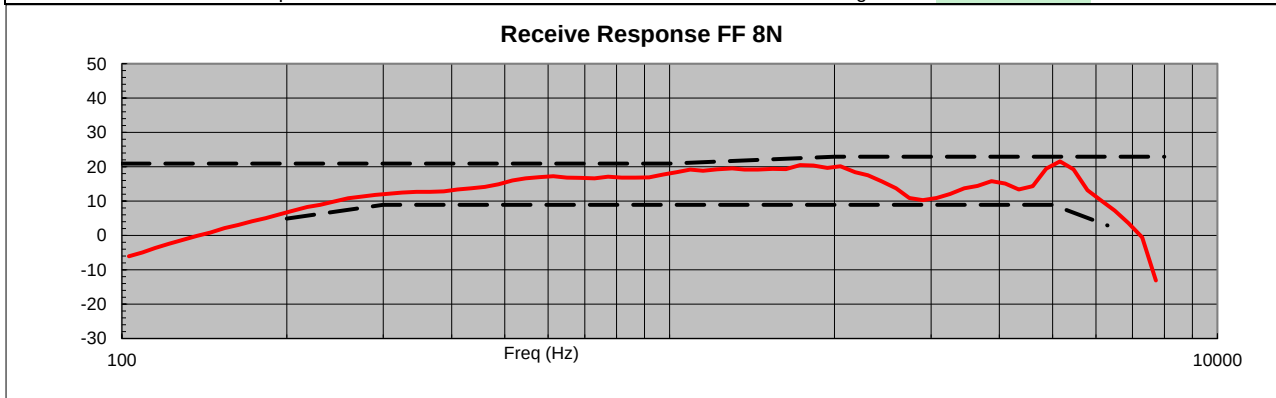
Receive Distortion and Noise Performance

TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.2	Recv PN-SDNR 8N	7.2 dB	Absolute Limits	PASS	
Note: SDNR includes noise and distortion products.					
Stimulus level				-20 dBPa	
Sentence conditioning				-20 dBPa	
Short conditioning				-20 dBPa	



Receive Acoustic Frequency Response Performance

TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.3	Recv resp FF 8N	1.36 dB	Floating Limits	PASS	
	Recv resp DF 8N	1.7 dB	Floating Limits	PASS	



TIA-5050 Receive Volume Control Measurements - 8N

Device Under Test:	20241129_L14_WB_8N
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Bandwidth	Wideband
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Test Date:	2024-11-29
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Receive Volume Control Performance

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

Receive Distortion and Noise Performance

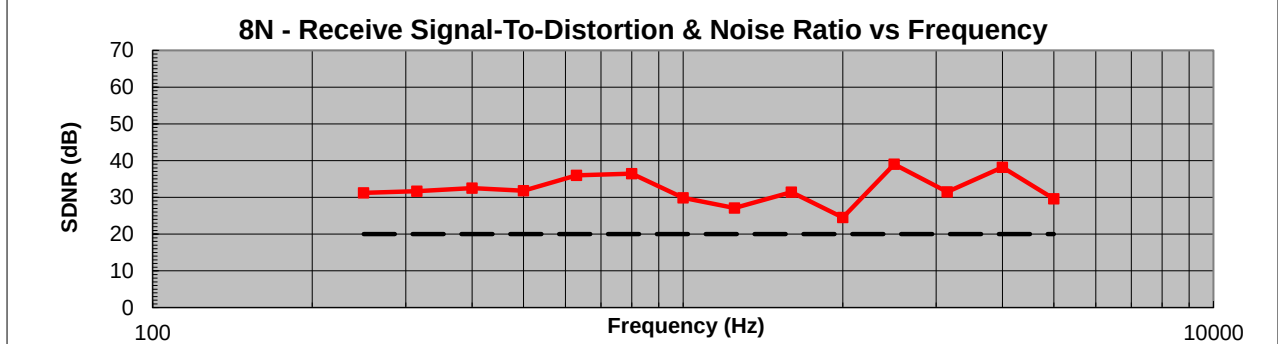
TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.2	Recv PN-SDNR 8N	4.5 dB	Absolute Limits	PASS	

Note: SDNR includes noise and distortion products.

Stimulus level -20 dBPa

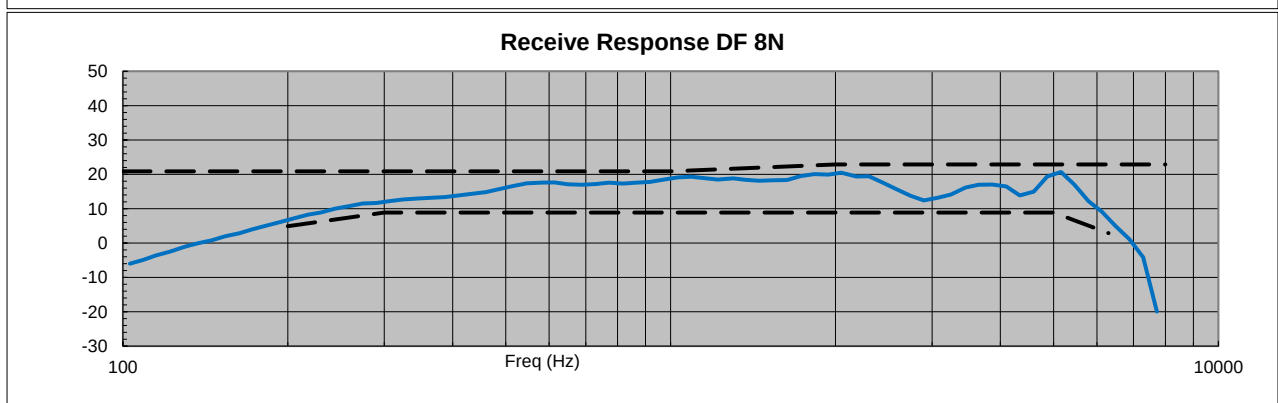
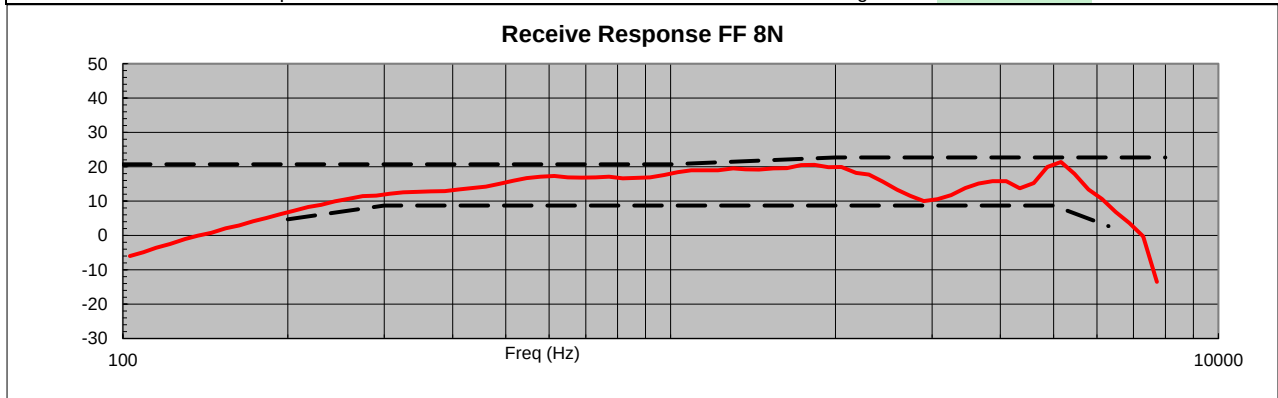
Sentence conditioning -20 dBPa

Short conditioning -20 dBPa



Receive Acoustic Frequency Response Performance

TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.3	Recv resp FF 8N	1.31 dB	Floating Limits	PASS	
	Recv resp DF 8N	1.8 dB	Floating Limits	PASS	



TIA-5050 Receive Volume Control Measurements - 8N

Device Under Test:	20241129_L25_WB_8N
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Bandwidth	Wideband
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Test Date:	2024-11-29
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Receive Volume Control Performance

TIA-5050	Test	Measured	Limits	Result	Reference
Clause 5.1	Recv output level dB SPL 8N	86.81 dB	info only		
	Recv conversational gain 8N	16.81 dB	6.00	PASS	

Receive Distortion and Noise Performance

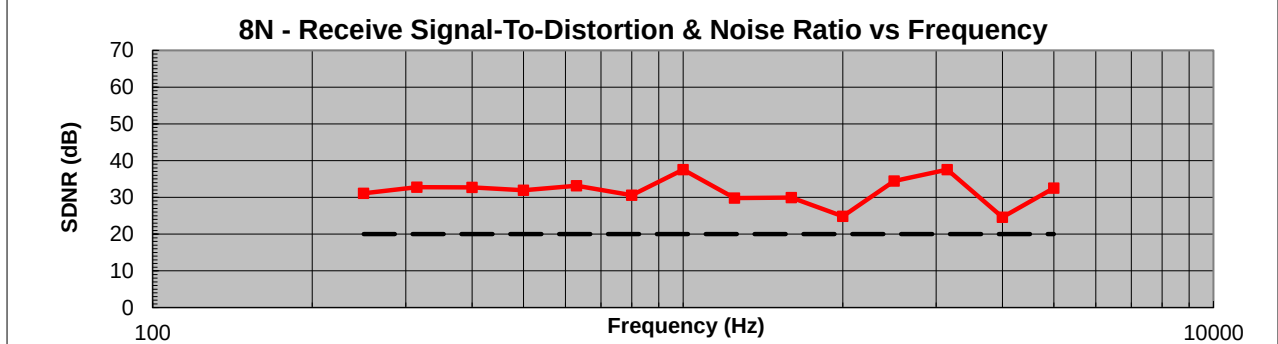
TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.2	Recv PN-SDNR 8N	4.6 dB	Absolute Limits	PASS	

Note: SDNR includes noise and distortion products.

Stimulus level -20 dBPa

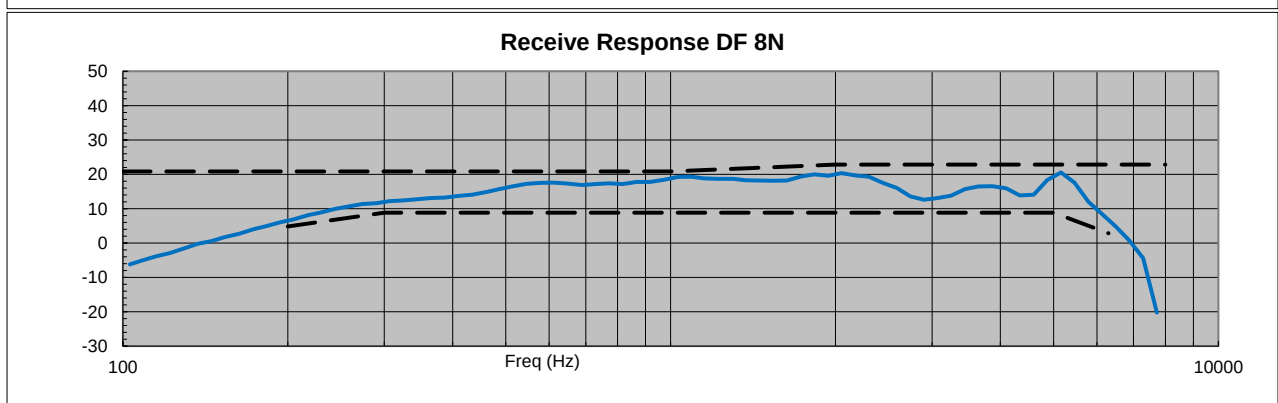
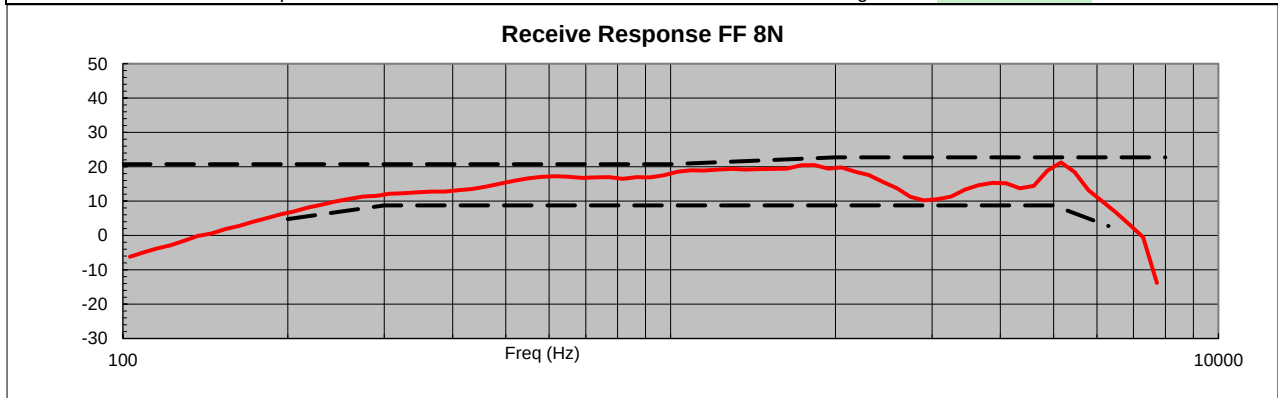
Sentence conditioning -20 dBPa

Short conditioning -20 dBPa



Receive Acoustic Frequency Response Performance

TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.3	Recv resp FF 8N	1.5 dB	Floating Limits	PASS	
	Recv resp DF 8N	1.7 dB	Floating Limits	PASS	



TIA-5050 Receive Volume Control Measurements - 8N

Device Under Test:	20241129_L26_WB_8N
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Bandwidth	Wideband
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Test Date:	2024-11-29
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Receive Volume Control Performance

TIA-5050	Test	Measured	Limits	Result	Reference
Clause 5.1	Recv output level dB SPL 8N	86.81 dB	info only		
	Recv conversational gain 8N	16.81 dB	6.00	PASS	

Receive Distortion and Noise Performance

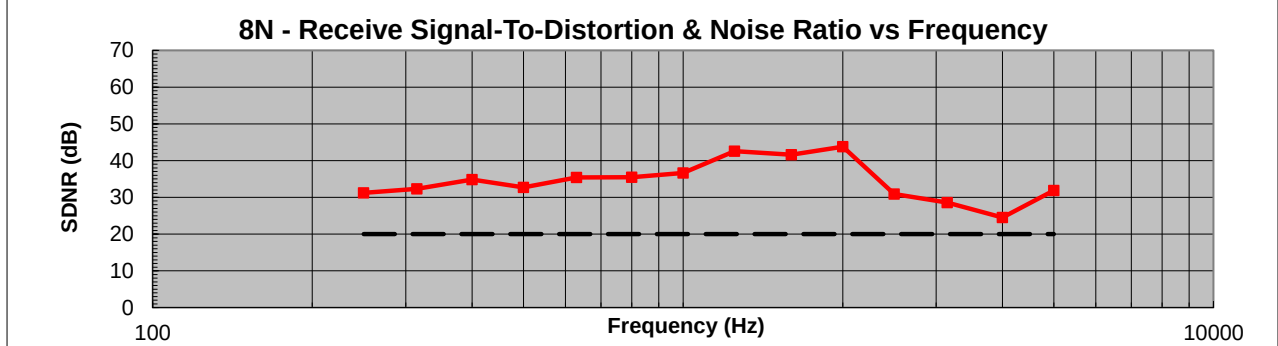
TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.2	Recv PN-SDNR 8N	4.5 dB	Absolute Limits	PASS	

Note: SDNR includes noise and distortion products.

Stimulus level -20 dBPa

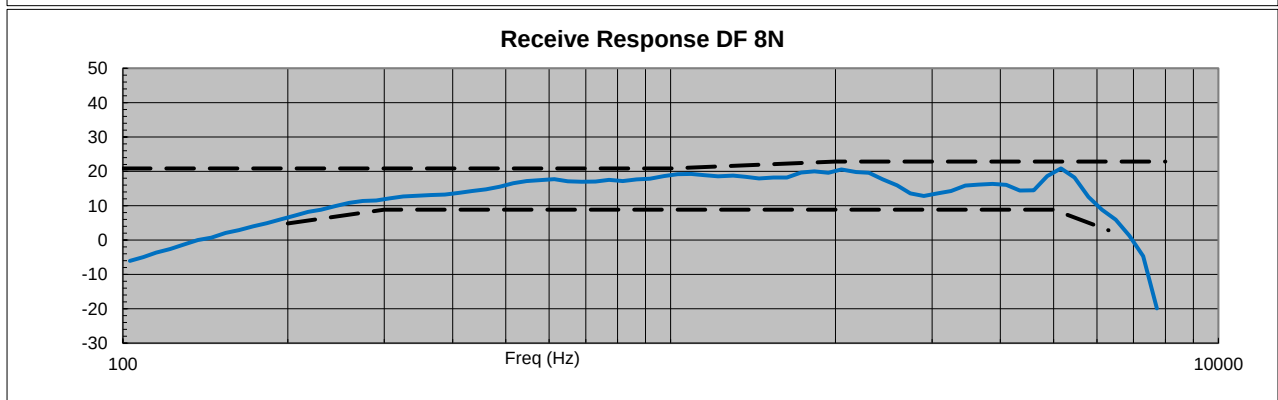
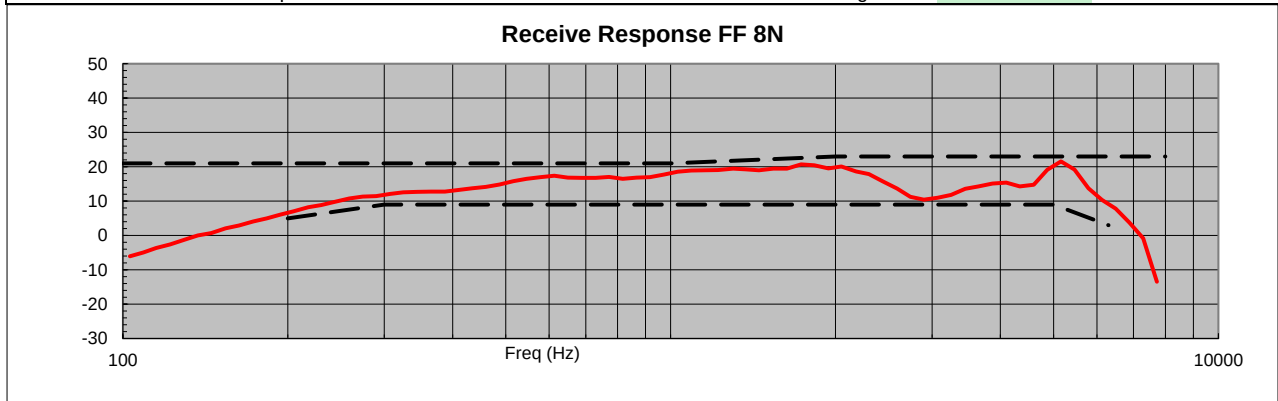
Sentence conditioning -20 dBPa

Short conditioning -20 dBPa



Receive Acoustic Frequency Response Performance

TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.3	Recv resp FF 8N	1.43 dB	Floating Limits	PASS	
	Recv resp DF 8N	1.7 dB	Floating Limits	PASS	



TIA-5050 Receive Volume Control Measurements - 8N

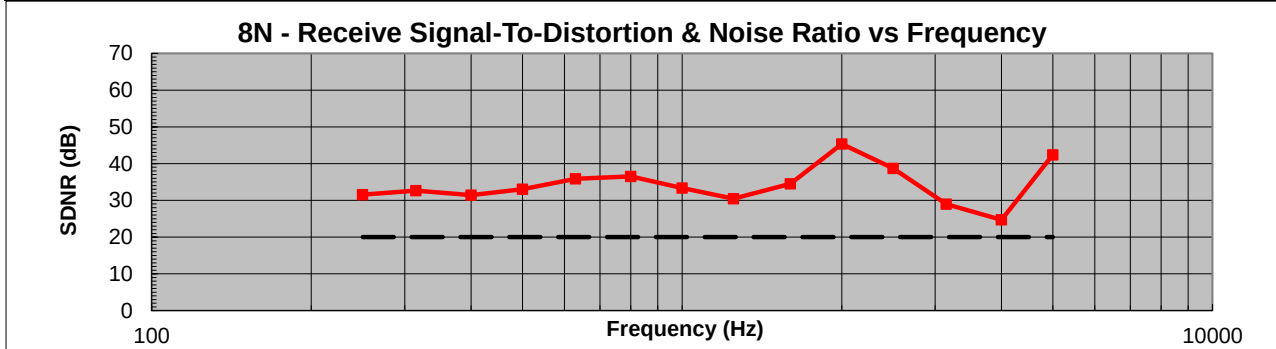
Device Under Test:	20241129_L30_WB_8N
Bandwidth	Wideband
Test Date:	2024-11-29

Receive Volume Control Performance

TIA-5050	Test	Measured	Limits	Result	Reference
Clause 5.1	Recv output level dB SPL 8N	86.6 dB	info only		
	Recv conversational gain 8N	16.6 dB	6.00	PASS	

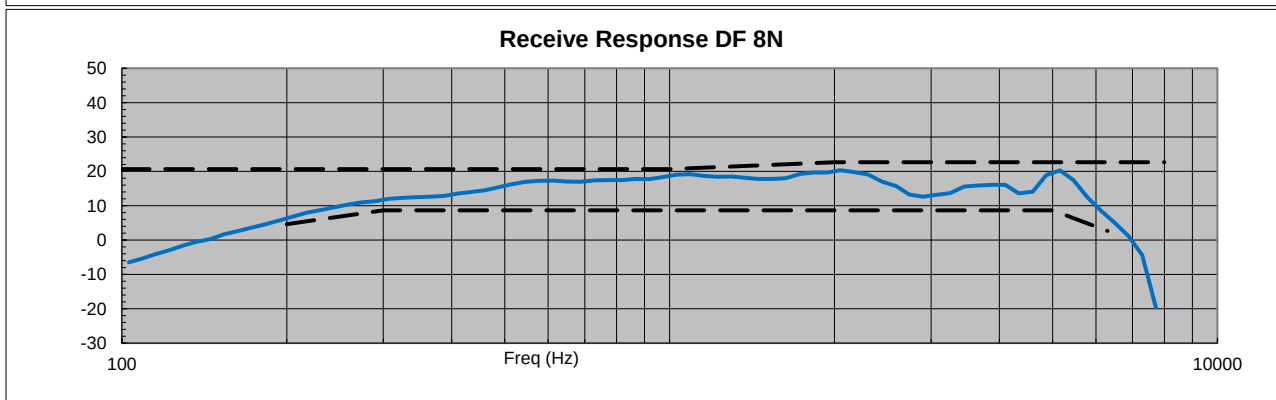
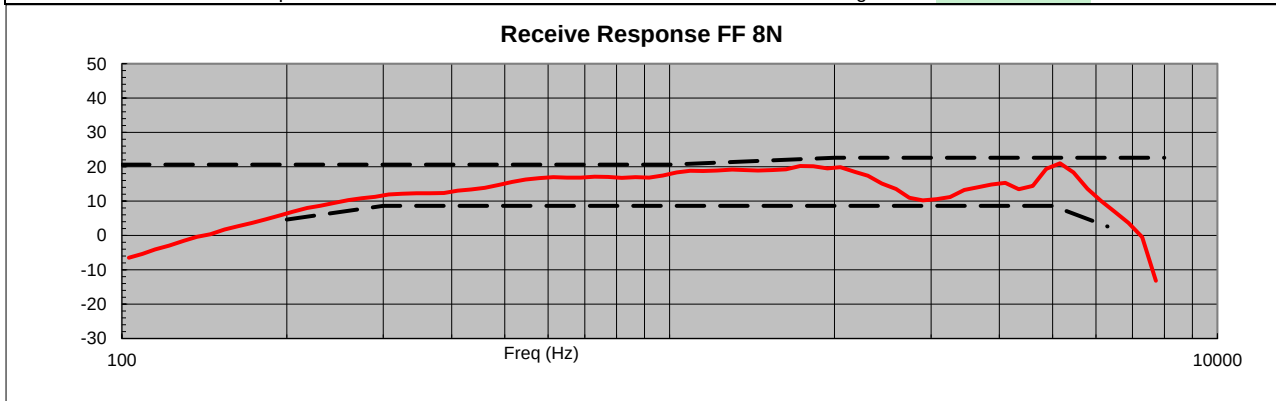
Receive Distortion and Noise Performance

TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.2	Recv PN-SDNR 8N	4.7 dB	Absolute Limits	PASS	
Note: SDNR includes noise and distortion products.					
Stimulus level				-20 dBPa	
Sentence conditioning				-20 dBPa	
Short conditioning				-20 dBPa	



Receive Acoustic Frequency Response Performance

TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.3	Recv resp FF 8N	1.61 dB	Floating Limits	PASS	
	Recv resp DF 8N	1.7 dB	Floating Limits	PASS	



TIA-5050 Receive Volume Control Measurements - 8N

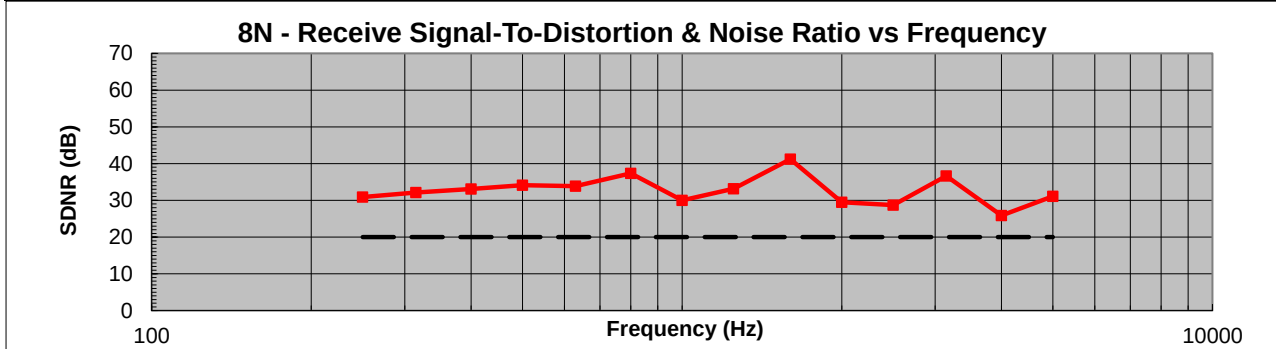
Device Under Test:	20241128_L66_WB_8N
Bandwidth	Wideband
Test Date:	2024-11-28

Receive Volume Control Performance

TIA-5050	Test	Measured	Limits	Result	Reference
Clause 5.1	Recv output level dB SPL 8N	86.7 dB	info only		
	Recv conversational gain 8N	16.7 dB	6.00	PASS	

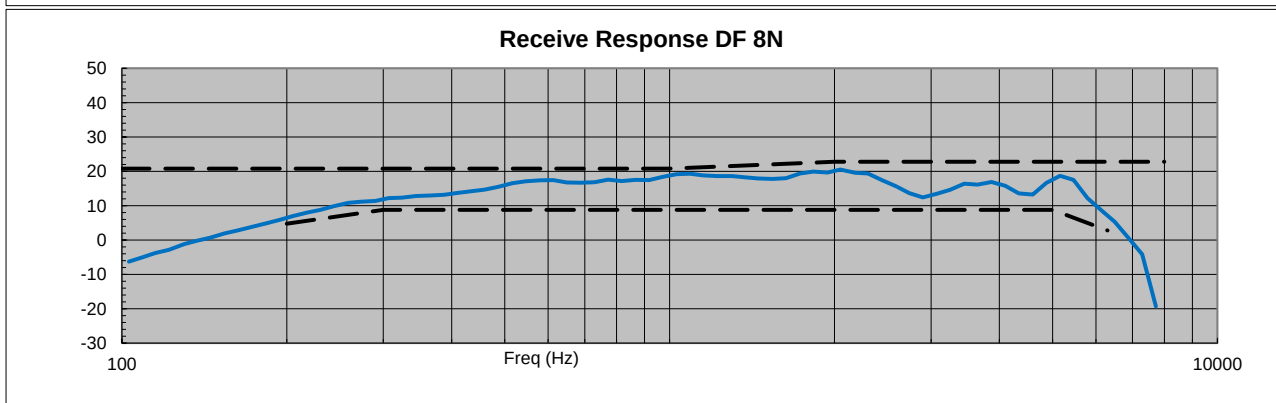
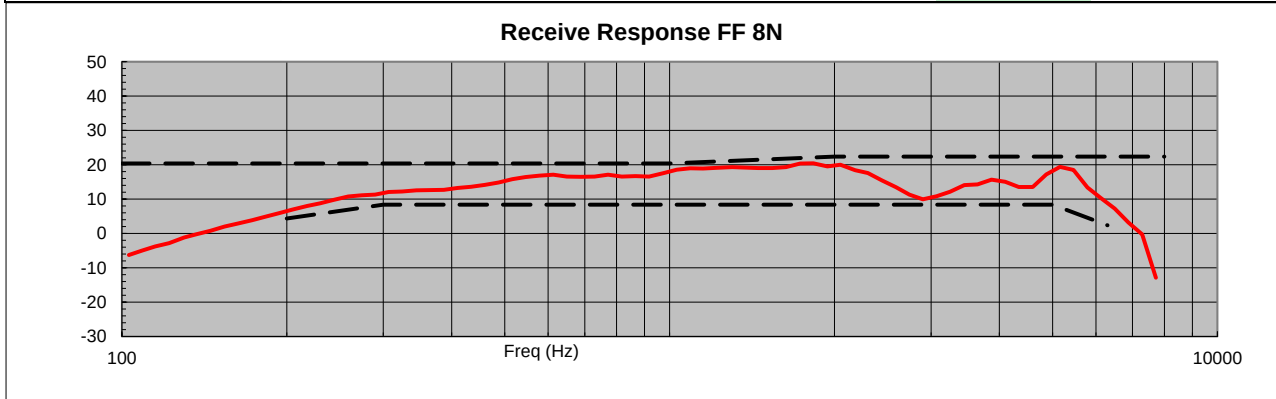
Receive Distortion and Noise Performance

TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.2	Recv PN-SDNR 8N	5.9 dB	Absolute Limits	PASS	
Note: SDNR includes noise and distortion products.					
Stimulus level				-20 dBPa	
Sentence conditioning				-20 dBPa	
Short conditioning				-20 dBPa	



Receive Acoustic Frequency Response Performance

TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.3	Recv resp FF 8N	1.59 dB	Floating Limits	PASS	
	Recv resp DF 8N	1.7 dB	Floating Limits	PASS	



TIA-5050 Receive Volume Control Measurements - 8N

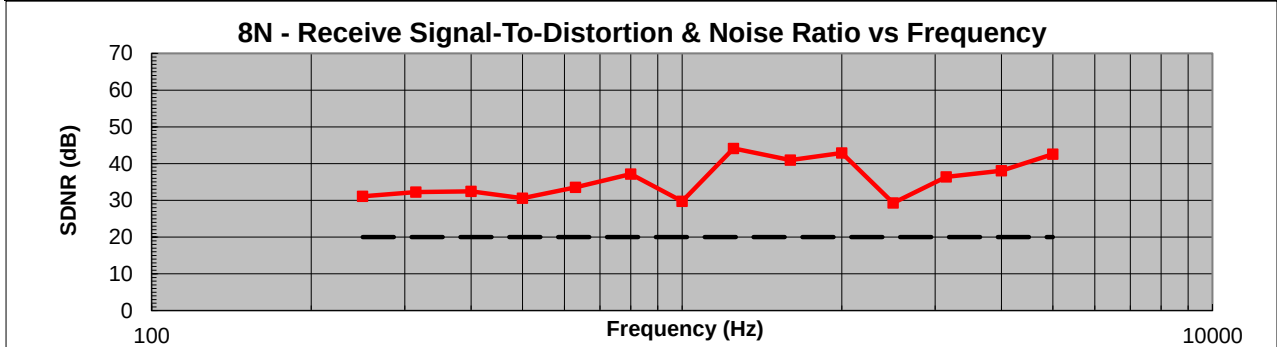
Device Under Test:	20241129_L71_WB_8N
Bandwidth	Wideband
Test Date:	2024-11-29

Receive Volume Control Performance

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

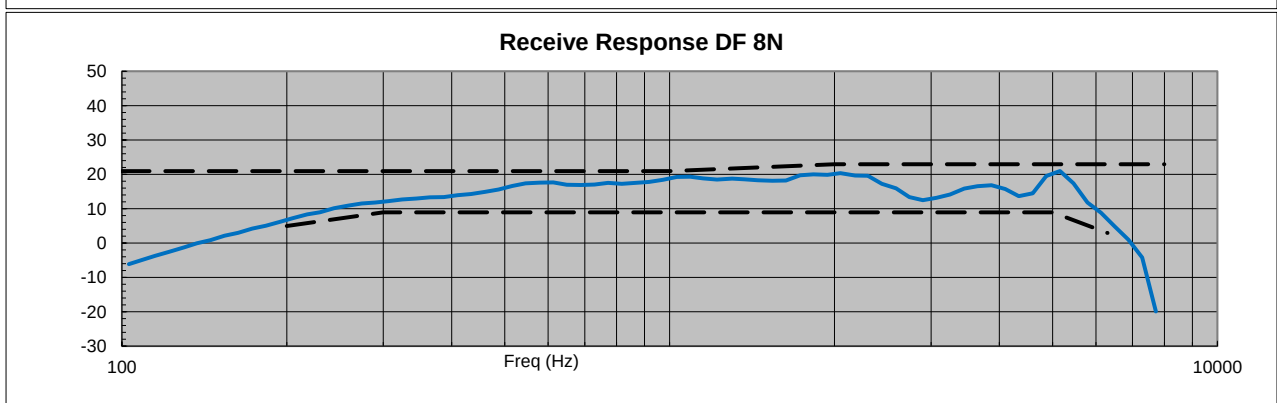
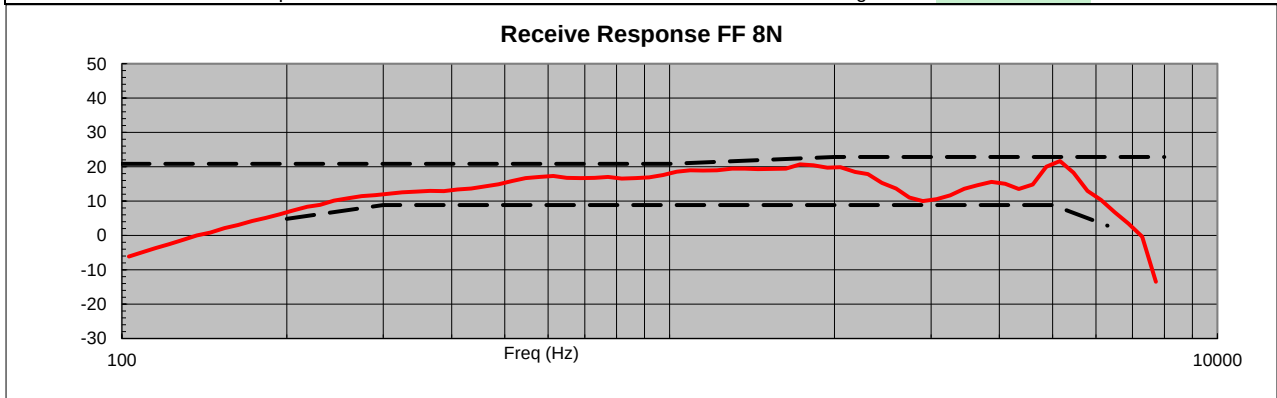
Receive Distortion and Noise Performance

TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.2	Recv PN-SDNR 8N	9.3 dB	Absolute Limits	PASS	
Note: SDNR includes noise and distortion products.					
Stimulus level				-20 dBPa	
Sentence conditioning				-20 dBPa	
Short conditioning				-20 dBPa	



Receive Acoustic Frequency Response Performance

TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.3	Recv resp FF 8N	1.18 dB	Floating Limits	PASS	
	Recv resp DF 8N	1.8 dB	Floating Limits	PASS	



TIA-5050 Receive Volume Control Measurements - 8N

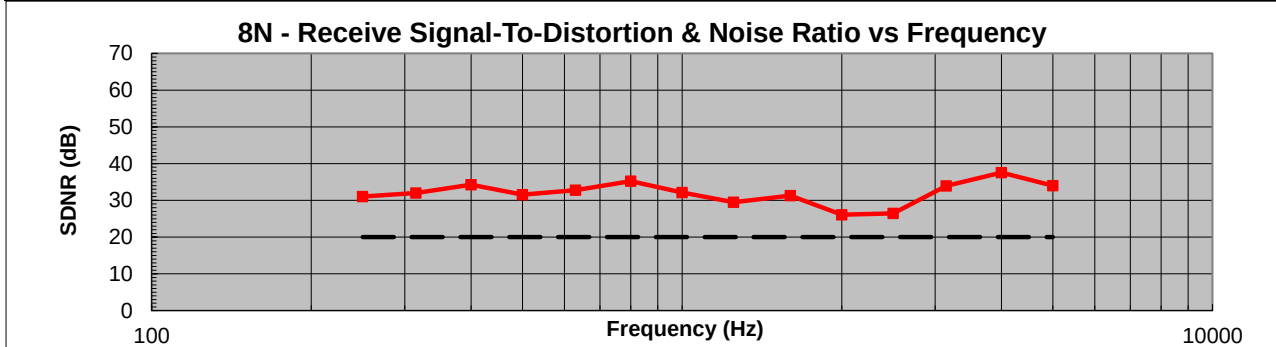
Device Under Test:	20241126_L41_WB_8N
Bandwidth	Wideband
Test Date:	2024-11-26

Receive Volume Control Performance

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

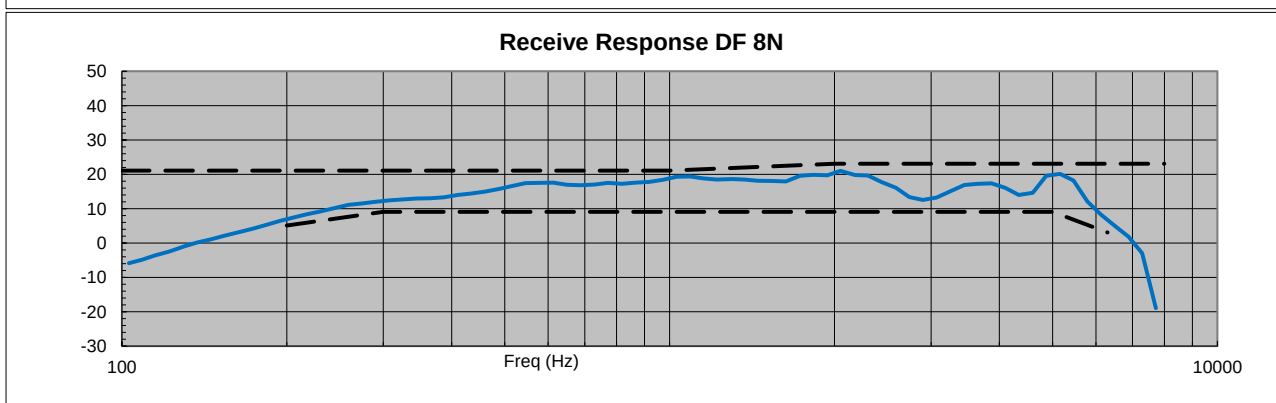
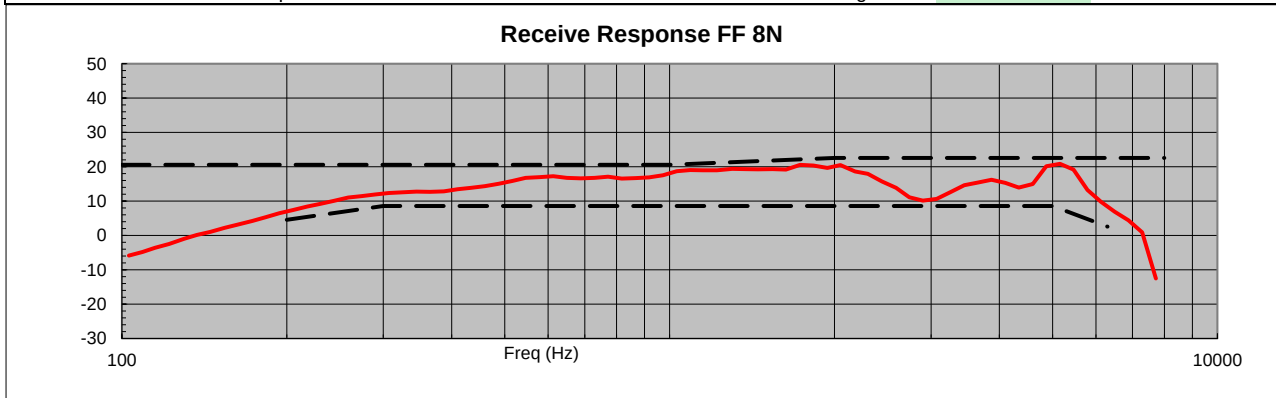
Receive Distortion and Noise Performance

TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.2	Recv PN-SDNR 8N	6.1 dB	Absolute Limits	PASS	
Note: SDNR includes noise and distortion products.					
Stimulus level				-20 dBPa	
Sentence conditioning				-20 dBPa	
Short conditioning				-20 dBPa	



Receive Acoustic Frequency Response Performance

TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.3	Recv resp FF 8N	1.59 dB	Floating Limits	PASS	
	Recv resp DF 8N	1.8 dB	Floating Limits	PASS	



TIA-5050 Receive Volume Control Measurements - 8N

Device Under Test:	20241126_L48_WB_8N
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Bandwidth	Wideband
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Test Date:	2024-11-26
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Receive Volume Control Performance

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

Receive Distortion and Noise Performance

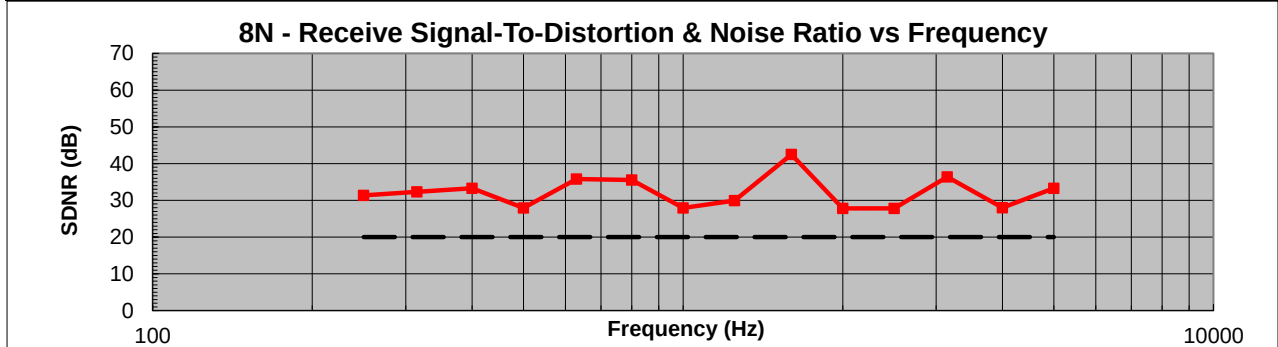
TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.2	Recv PN-SDNR 8N	7.8 dB	Absolute Limits	PASS	

Note: SDNR includes noise and distortion products.

Stimulus level -20 dBPa

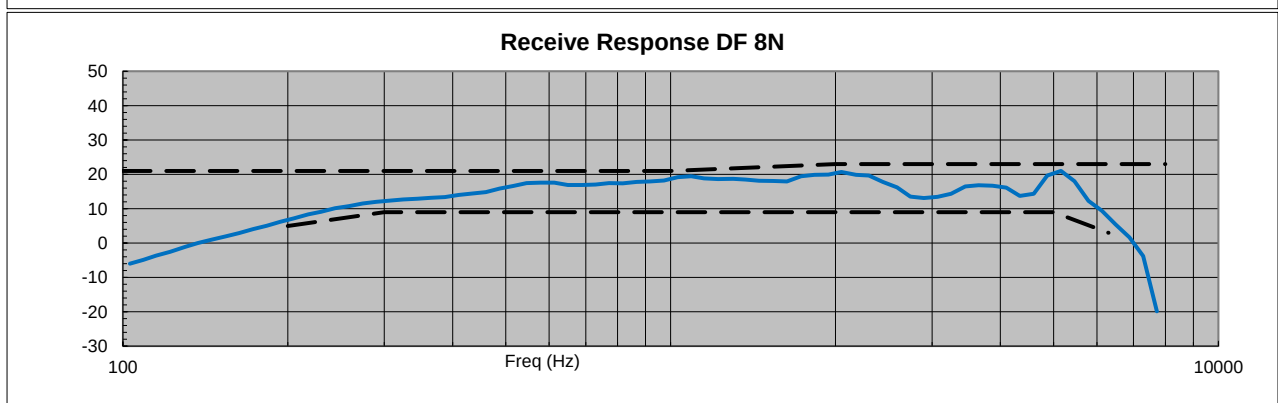
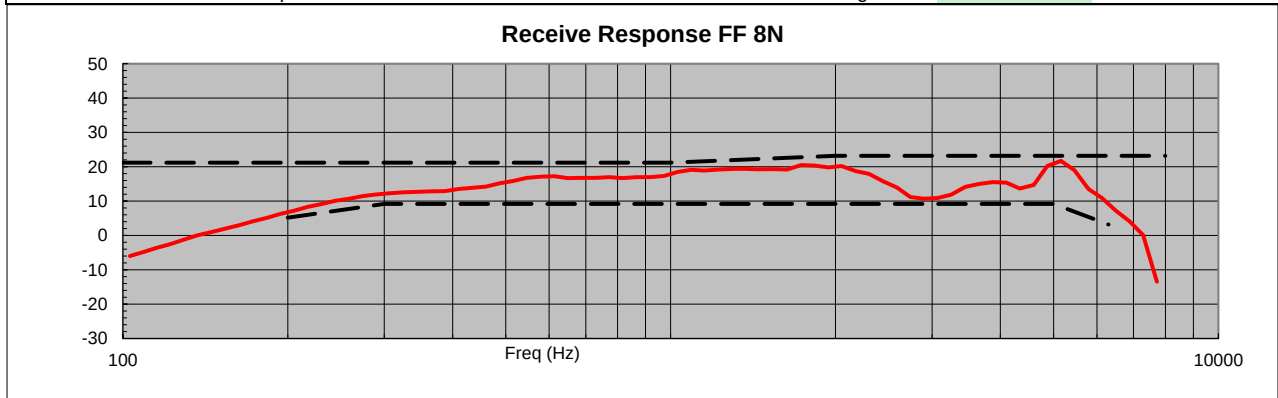
Sentence conditioning -20 dBPa

Short conditioning -20 dBPa



Receive Acoustic Frequency Response Performance

TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.3	Recv resp FF 8N	1.48 dB	Floating Limits	PASS	
	Recv resp DF 8N	1.8 dB	Floating Limits	PASS	



TIA-5050 Receive Volume Control Measurements - 8N

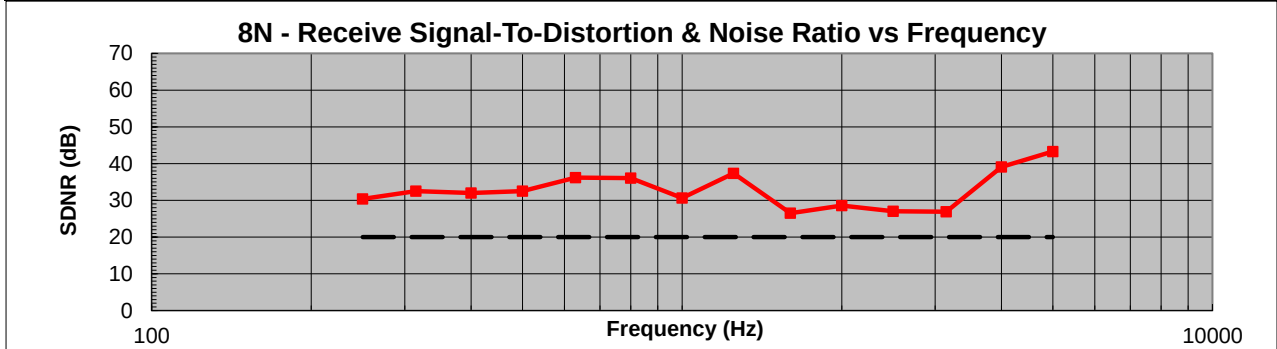
Device Under Test:	20241203_N5_WB_8N
Bandwidth	Wideband
Test Date:	2024-12-03

Receive Volume Control Performance

TIA-5050	Test	Measured	Limits	Result	Reference
Clause 5.1	Recv output level dB SPL 8N	86.67 dB	info only		
	Recv conversational gain 8N	16.67 dB	6.00	PASS	

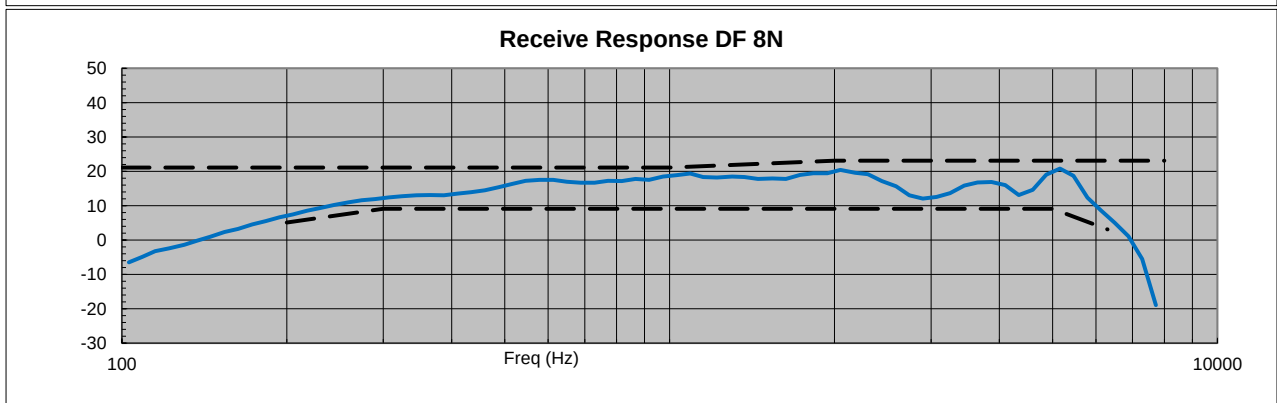
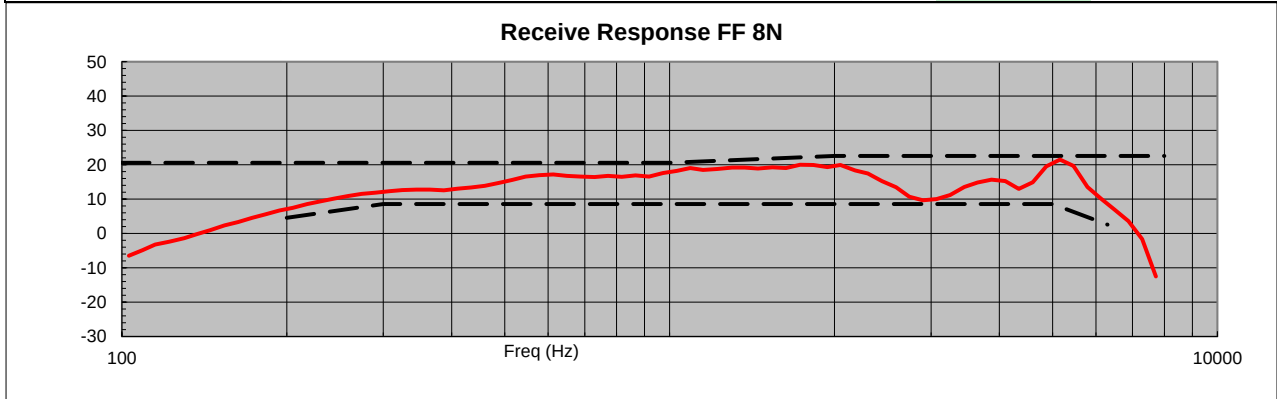
Receive Distortion and Noise Performance

TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.2	Recv PN-SDNR 8N	6.5 dB	Absolute Limits	PASS	
Note: SDNR includes noise and distortion products.					
Stimulus level				-20 dBPa	
Sentence conditioning				-20 dBPa	
Short conditioning				-20 dBPa	



Receive Acoustic Frequency Response Performance

TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.3	Recv resp FF 8N	1.07 dB	Floating Limits	PASS	
	Recv resp DF 8N	2 dB	Floating Limits	PASS	



TIA-5050 Receive Volume Control Measurements - 8N

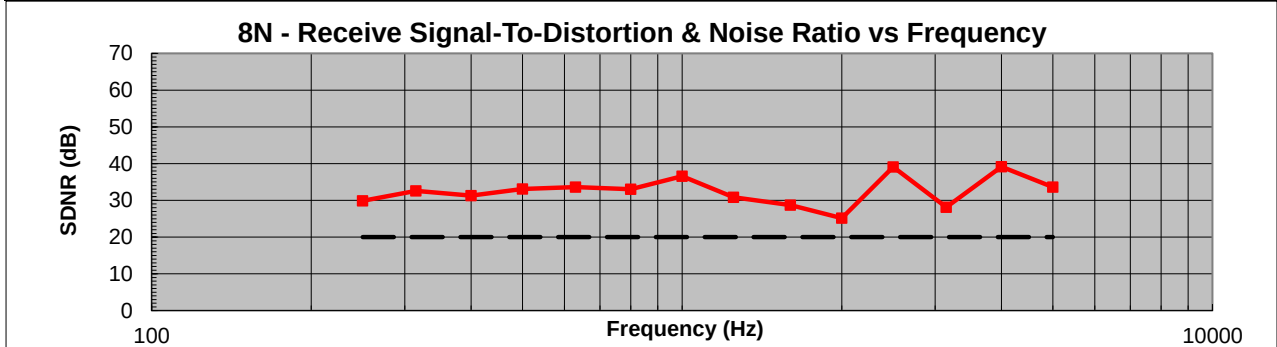
Device Under Test:	20241203_N25_WB_8N
Bandwidth	Wideband
Test Date:	2024-12-03

Receive Volume Control Performance

TIA-5050	Test	Measured	Limits	Result	Reference
Clause 5.1	Recv output level dB SPL 8N	86.66 dB	info only		
	Recv conversational gain 8N	16.66 dB	6.00	PASS	

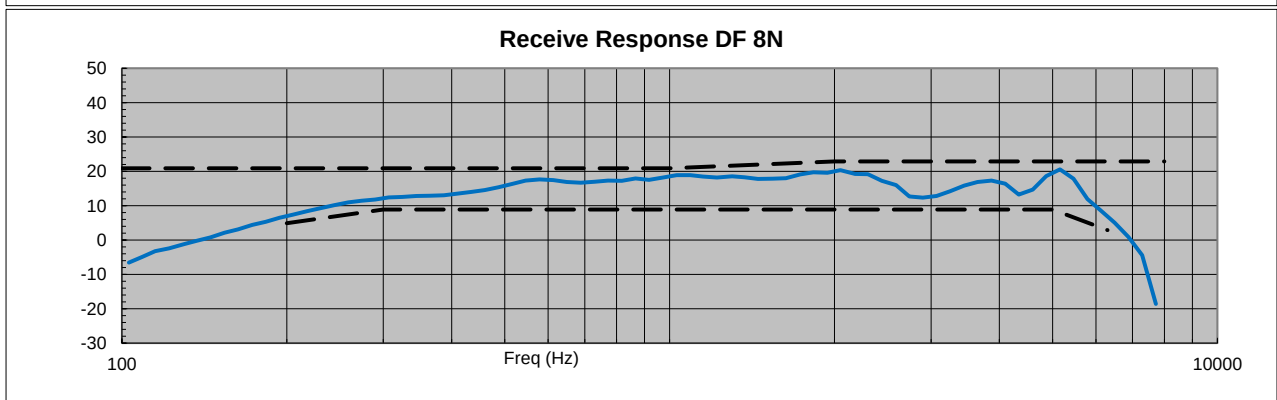
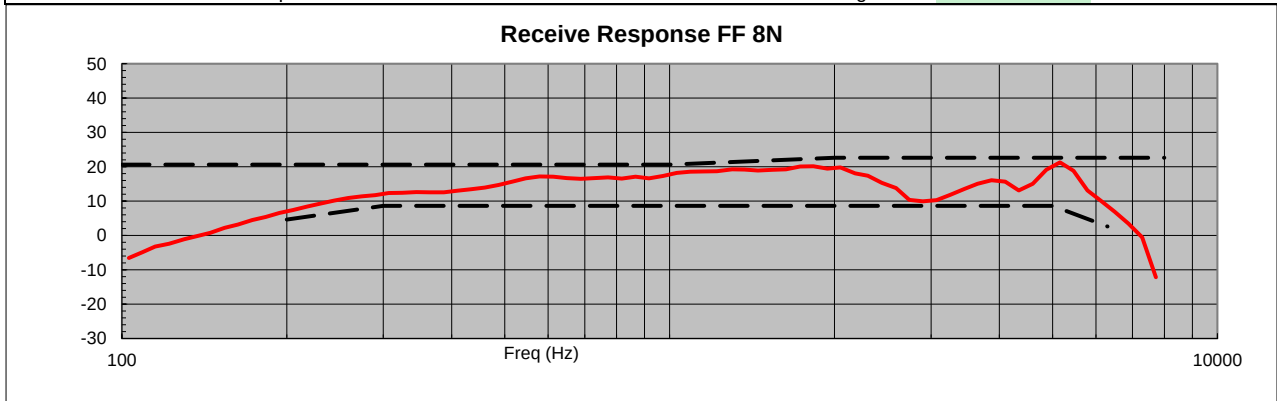
Receive Distortion and Noise Performance

TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.2	Recv PN-SDNR 8N	5.1 dB	Absolute Limits	PASS	
Note: SDNR includes noise and distortion products.					
Stimulus level				-20 dBPa	
Sentence conditioning				-20 dBPa	
Short conditioning				-20 dBPa	



Receive Acoustic Frequency Response Performance

TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.3	Recv resp FF 8N	1.34 dB	Floating Limits	PASS	
	Recv resp DF 8N	2.1 dB	Floating Limits	PASS	



TIA-5050 Receive Volume Control Measurements - 8N

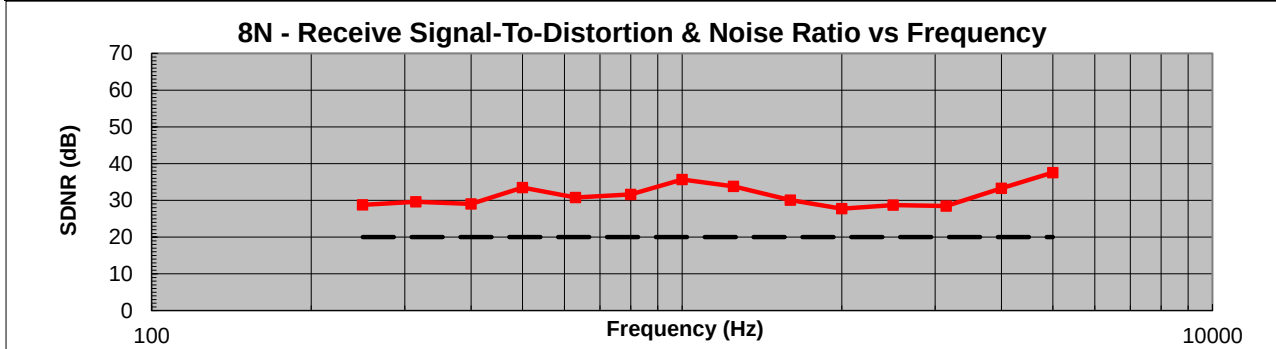
Device Under Test:	20241216_N30_WB_8N
Bandwidth	Wideband
Test Date:	2024-12-16

Receive Volume Control Performance

TIA-5050	Test	Measured	Limits	Result	Reference
Clause 5.1	Recv output level dB SPL 8N	85.97 dB	info only		
	Recv conversational gain 8N	15.97 dB	6.00	PASS	

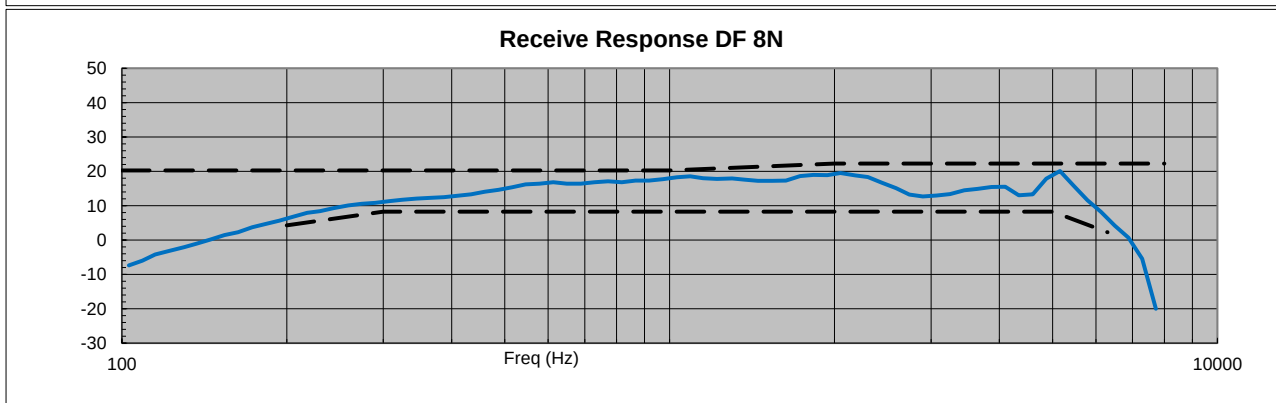
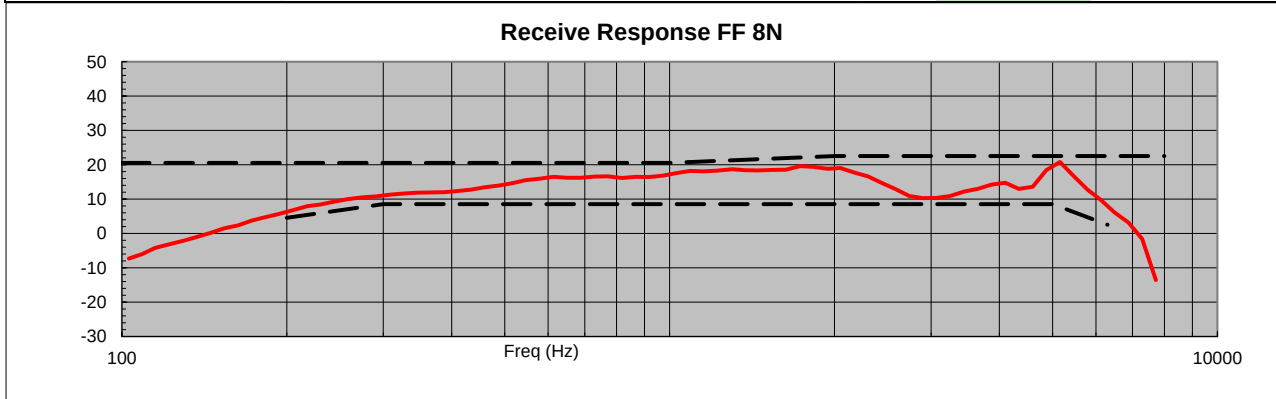
Receive Distortion and Noise Performance

TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.2	Recv PN-SDNR 8N	7.7 dB	Absolute Limits	PASS	
Note: SDNR includes noise and distortion products.					
Stimulus level				-20 dBPa	
Sentence conditioning				-20 dBPa	
Short conditioning				-20 dBPa	



Receive Acoustic Frequency Response Performance

TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.3	Recv resp FF 8N	1.74 dB	Floating Limits	PASS	
	Recv resp DF 8N	2 dB	Floating Limits	PASS	



TIA-5050 Receive Volume Control Measurements - 8N

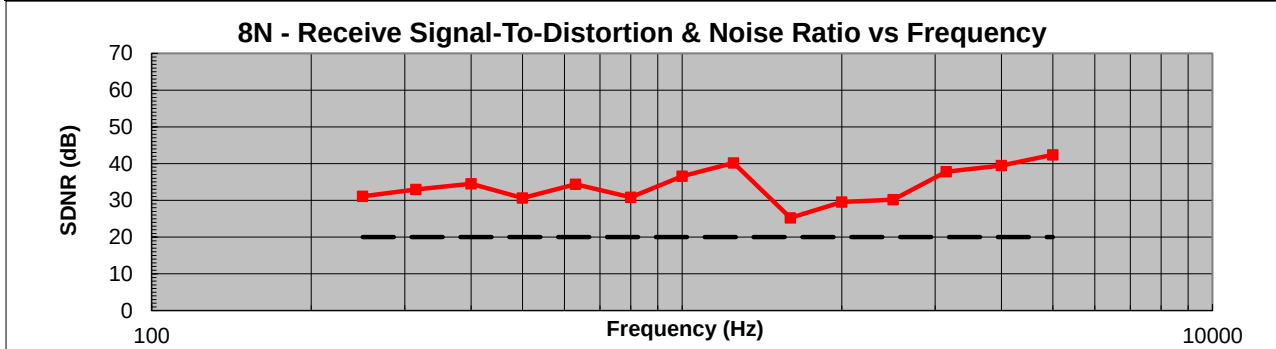
Device Under Test:	20241203_N66_WB_8N
Bandwidth	Wideband
Test Date:	2024-12-03

Receive Volume Control Performance

TIA-5050	Test	Measured	Limits	Result	Reference
Clause 5.1	Recv output level dB SPL 8N	86.43 dB	info only		
	Recv conversational gain 8N	16.43 dB	6.00	PASS	

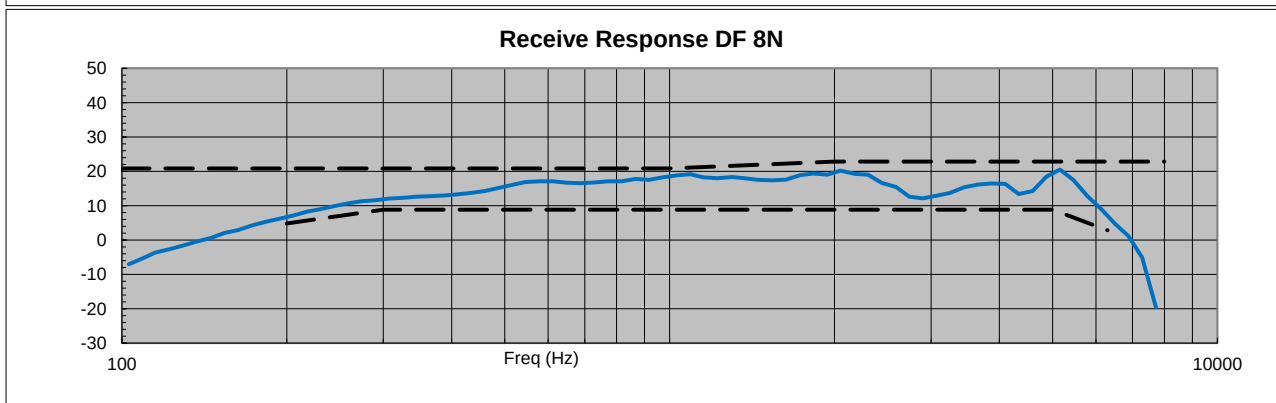
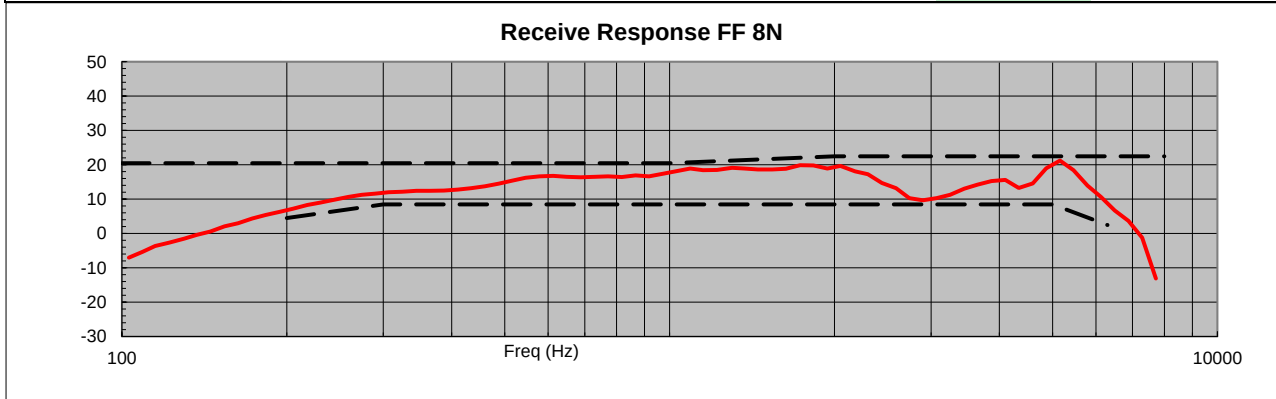
Receive Distortion and Noise Performance

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



Receive Acoustic Frequency Response Performance

TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.3	Recv resp FF 8N	1.24 dB	Floating Limits	PASS	
	Recv resp DF 8N	1.9 dB	Floating Limits	PASS	



TIA-5050 Receive Volume Control Measurements - 8N

Device Under Test:	20241203_N70_WB_8N
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Bandwidth	Wideband
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Test Date:	2024-12-03
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Receive Volume Control Performance

TIA-5050	Test	Measured	Limits	Result	Reference
Clause 5.1	Recv output level dB SPL 8N	86.64 dB	info only		
	Recv conversational gain 8N	16.64 dB	6.00	PASS	

Receive Distortion and Noise Performance

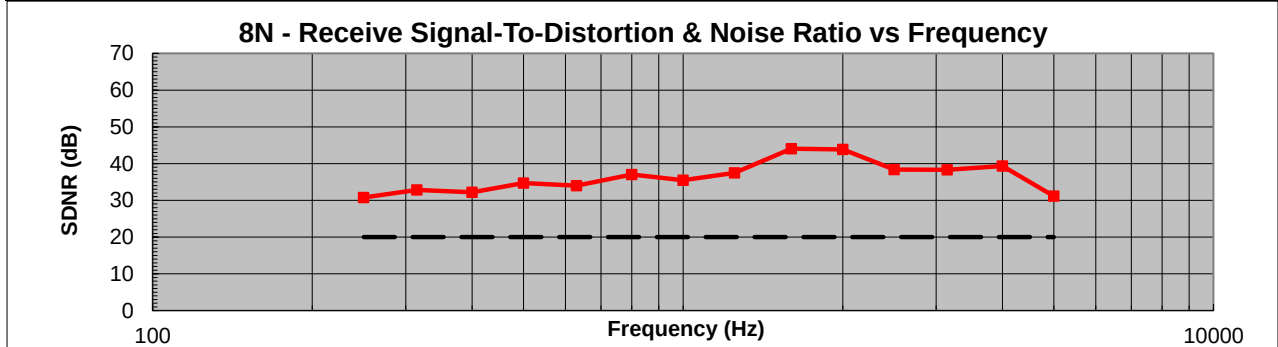
TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.2	Recv PN-SDNR 8N	10.8 dB	Absolute Limits	PASS	

Note: SDNR includes noise and distortion products.

Stimulus level -20 dBPa

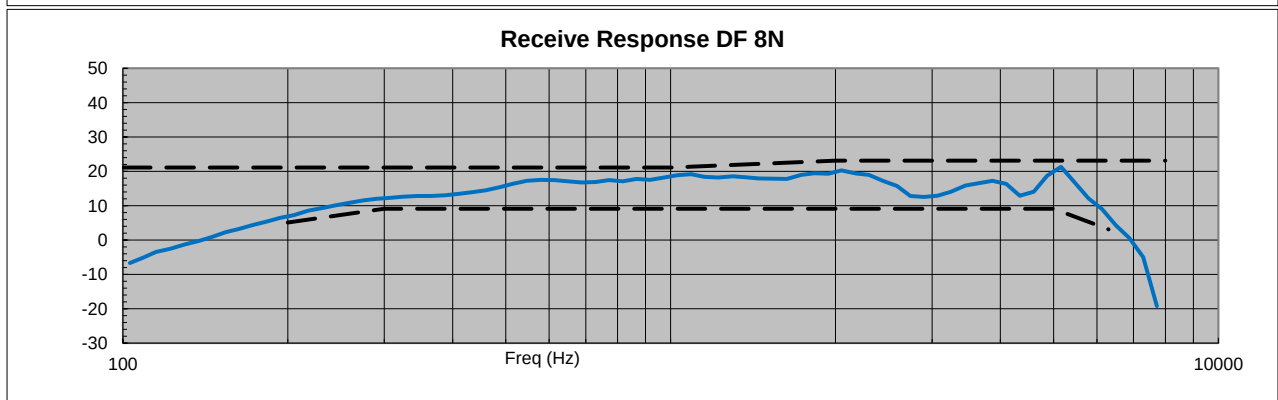
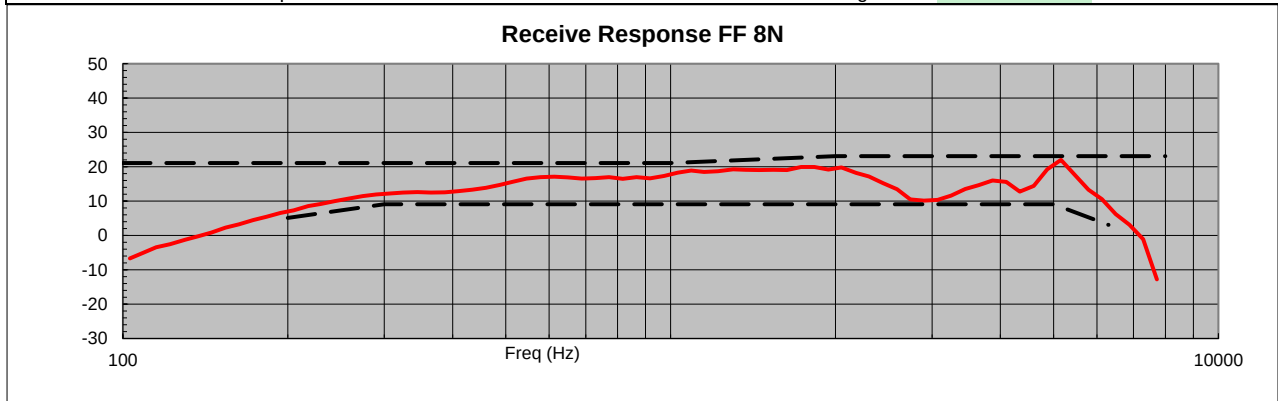
Sentence conditioning -20 dBPa

Short conditioning -20 dBPa



Receive Acoustic Frequency Response Performance

TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.3	Recv resp FF 8N	1.08 dB	Floating Limits	PASS	
	Recv resp DF 8N	1.8 dB	Floating Limits	PASS	



TIA-5050 Receive Volume Control Measurements - 8N

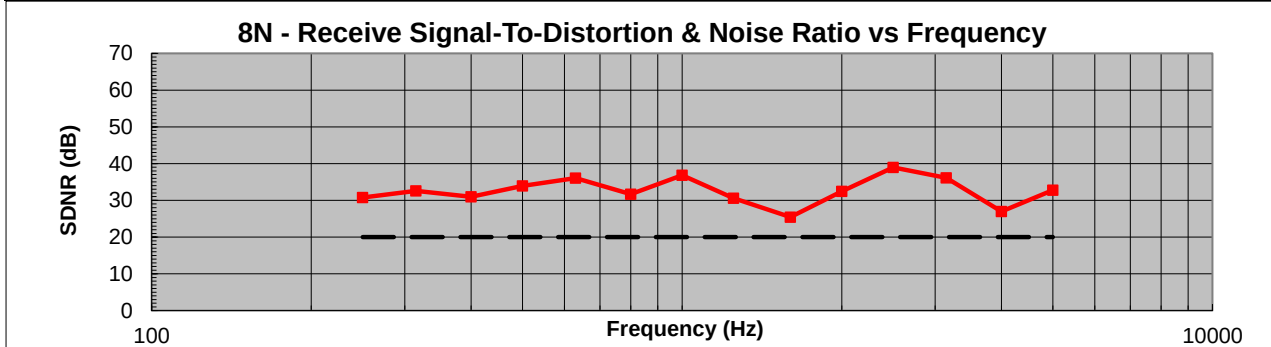
Device Under Test:	20241203_N71_WB_8N
Bandwidth	Wideband
Test Date:	2024-12-03

Receive Volume Control Performance

TIA-5050	Test	Measured	Limits	Result	Reference
Clause 5.1	Recv output level dB SPL 8N	86.67 dB	info only		
	Recv conversational gain 8N	16.67 dB	6.00	PASS	

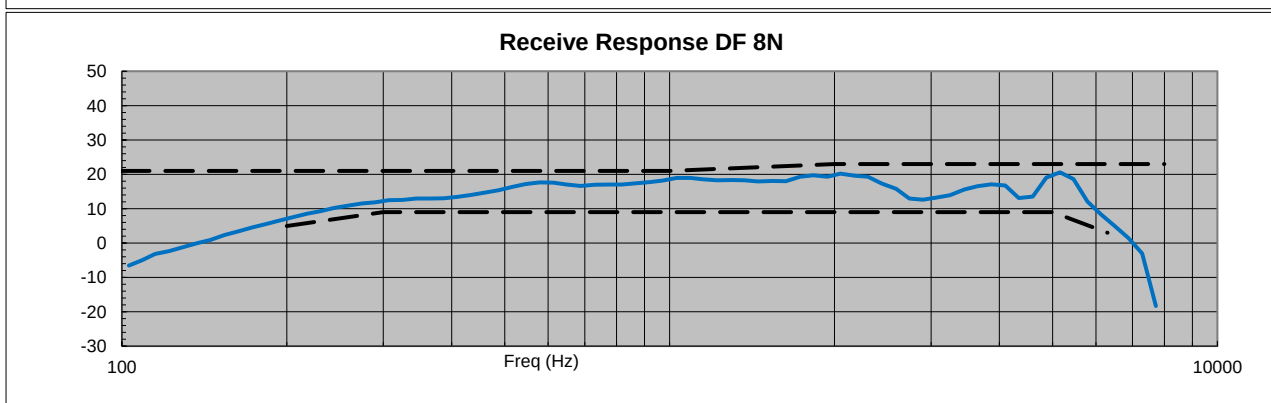
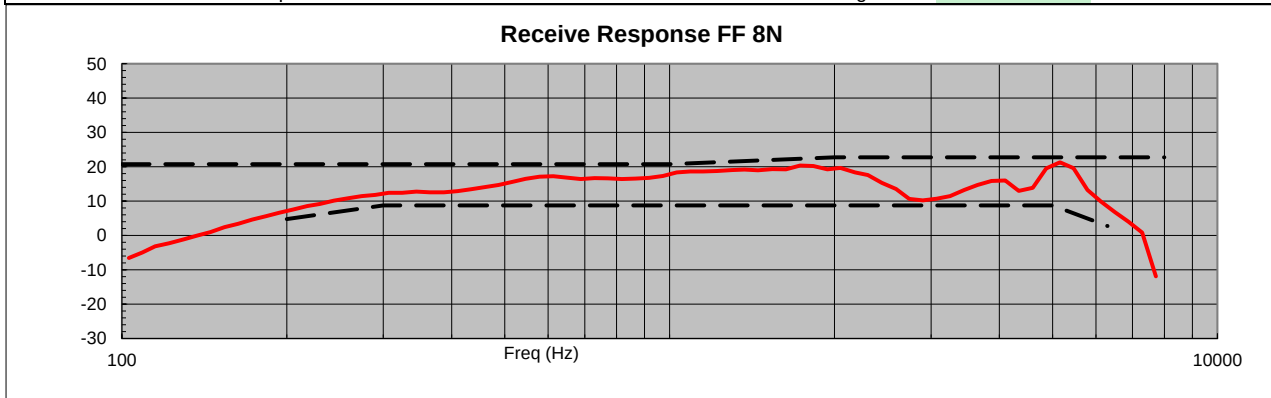
Receive Distortion and Noise Performance

TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.2	Recv PN-SDNR 8N	5.4 dB	Absolute Limits	PASS	
Note: SDNR includes noise and distortion products.					
Stimulus level				-20 dBPa	
Sentence conditioning				-20 dBPa	
Short conditioning				-20 dBPa	



Receive Acoustic Frequency Response Performance

TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.3	Recv resp FF 8N	1.45 dB	Floating Limits	PASS	
	Recv resp DF 8N	2.1 dB	Floating Limits	PASS	



TIA-5050 Receive Volume Control Measurements - 8N

Device Under Test:	20241217_N41_sub2_WB_100MHz_8N
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Bandwidth	Wideband
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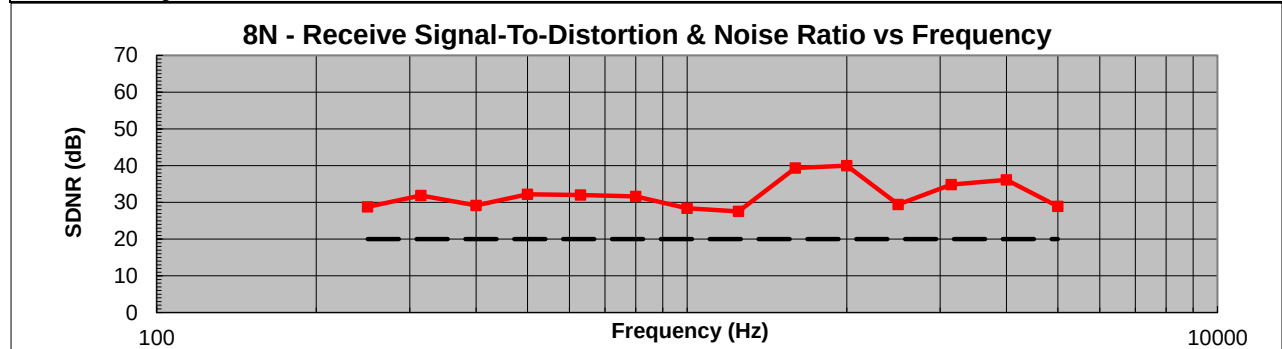
Test Date:	2024-12-17
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Receive Volume Control Performance

TIA-5050	Test	Measured	Limits	Result	Reference
Clause 5.1	Recv output level dB SPL 8N	86.11 dB	info only		
	Recv conversational gain 8N	16.11 dB	6.00	PASS	

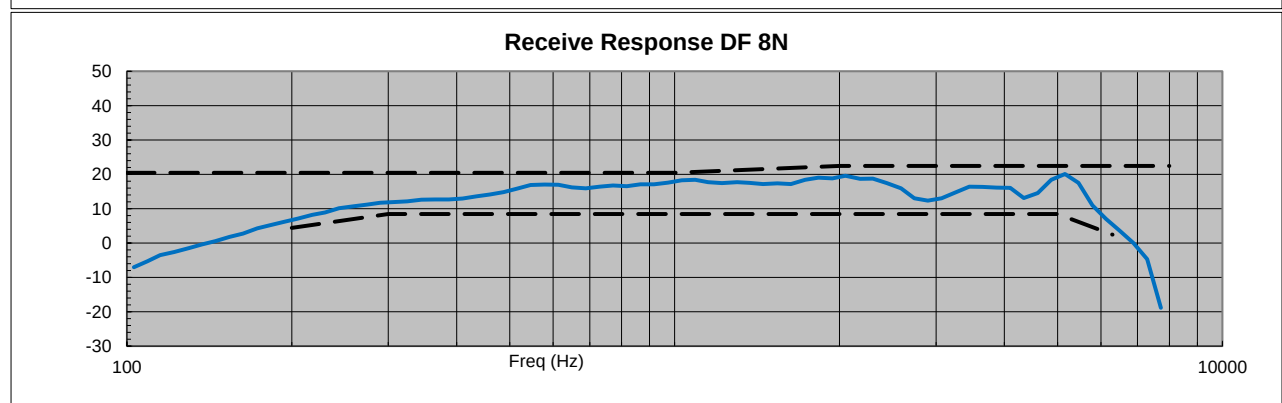
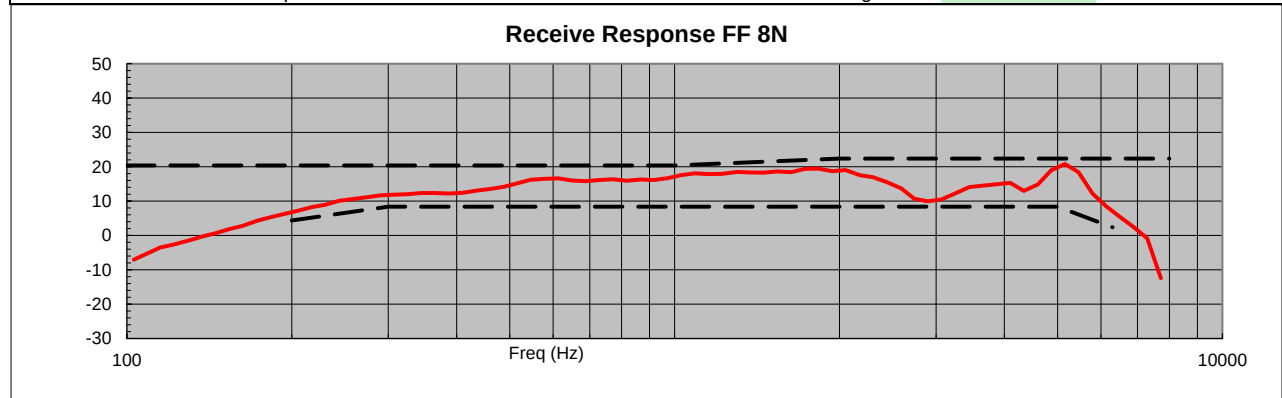
Receive Distortion and Noise Performance

TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.2	Recv PN-SDNR 8N	7.5 dB	Absolute Limits	PASS	
Note: SDNR includes noise and distortion products.					
Stimulus level				-20 dBPa	
Sentence conditioning				-20 dBPa	
Short conditioning				-20 dBPa	



Receive Acoustic Frequency Response Performance

TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.3	Recv resp FF 8N	1.58 dB	Floating Limits	PASS	
	Recv resp DF 8N	2.3 dB	Floating Limits	PASS	



TIA-5050 Receive Volume Control Measurements - 8N

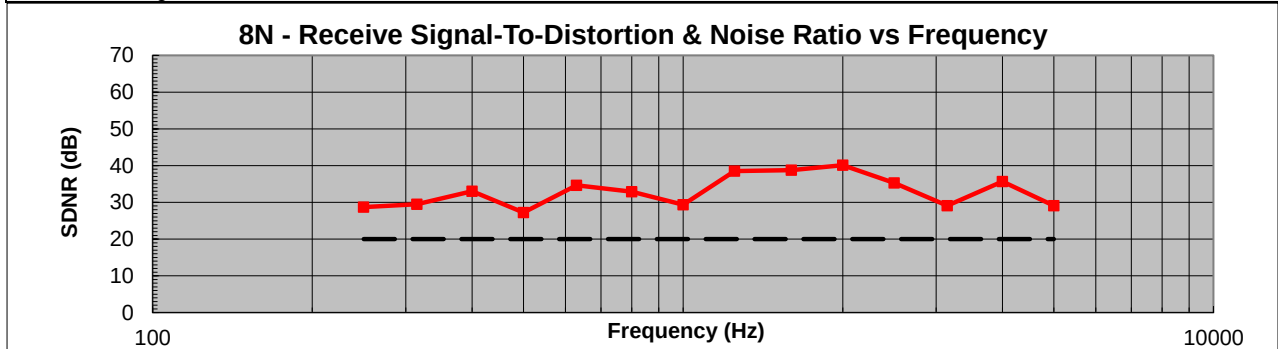
Device Under Test:	20241217_N48_WB_40MHz_8N
Bandwidth	Wideband
Test Date:	2024-12-17

Receive Volume Control Performance

TIA-5050	Test	Measured	Limits	Result	Reference
Clause 5.1	Recv output level dB SPL 8N	86.15 dB	info only		
	Recv conversational gain 8N	16.15 dB	6.00	PASS	

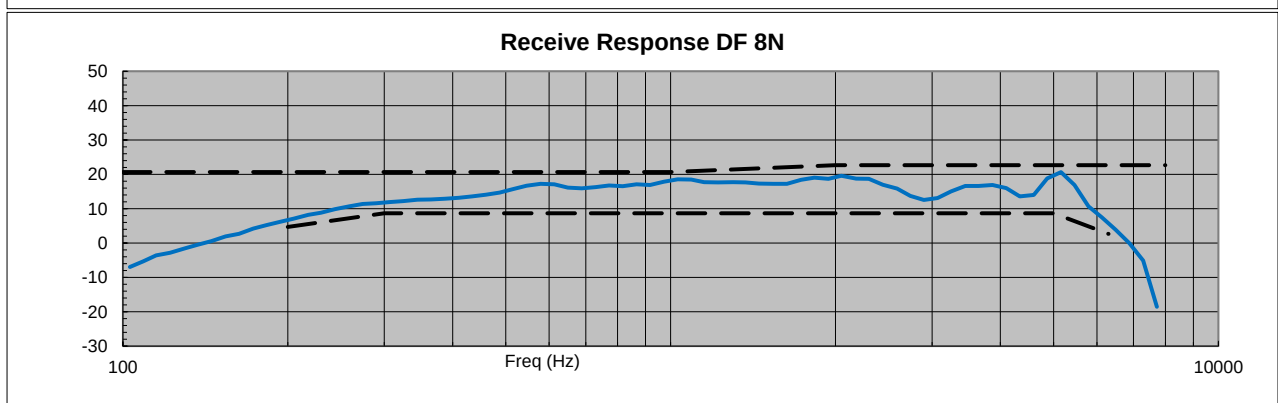
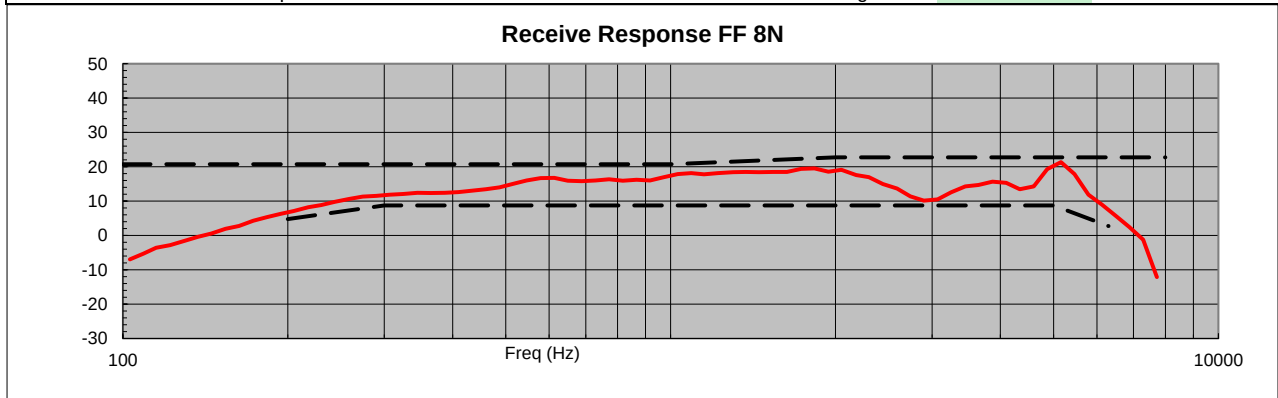
Receive Distortion and Noise Performance

TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.2	Recv PN-SDNR 8N	7.2 dB	Absolute Limits	PASS	
Note: SDNR includes noise and distortion products.					
Stimulus level				-20 dBPa	
Sentence conditioning				-20 dBPa	
Short conditioning				-20 dBPa	



Receive Acoustic Frequency Response Performance

TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.3	Recv resp FF 8N	1.39 dB	Floating Limits	PASS	
	Recv resp DF 8N	2 dB	Floating Limits	PASS	



TIA-5050 Receive Volume Control Measurements - 8N

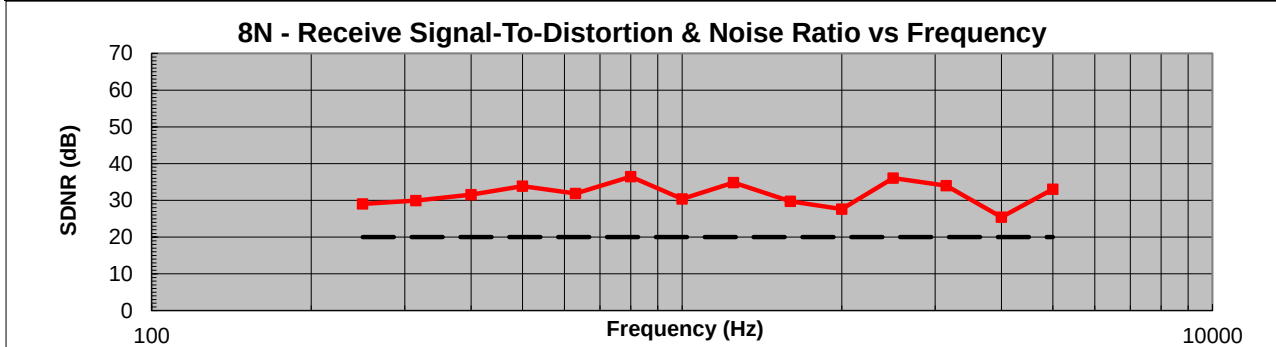
Device Under Test:	20241217_N77_WB_100MHz_8N
Bandwidth	Wideband
Test Date:	2024-12-17

Receive Volume Control Performance

TIA-5050	Test	Measured	Limits	Result	Reference
Clause 5.1	Recv output level dB SPL 8N	86.25 dB	info only		
	Recv conversational gain 8N	16.25 dB	6.00	PASS	

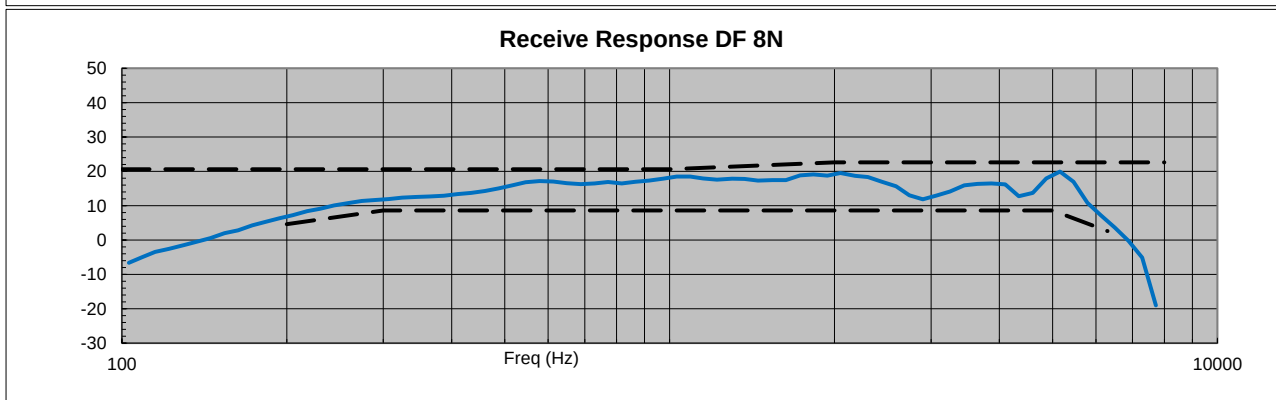
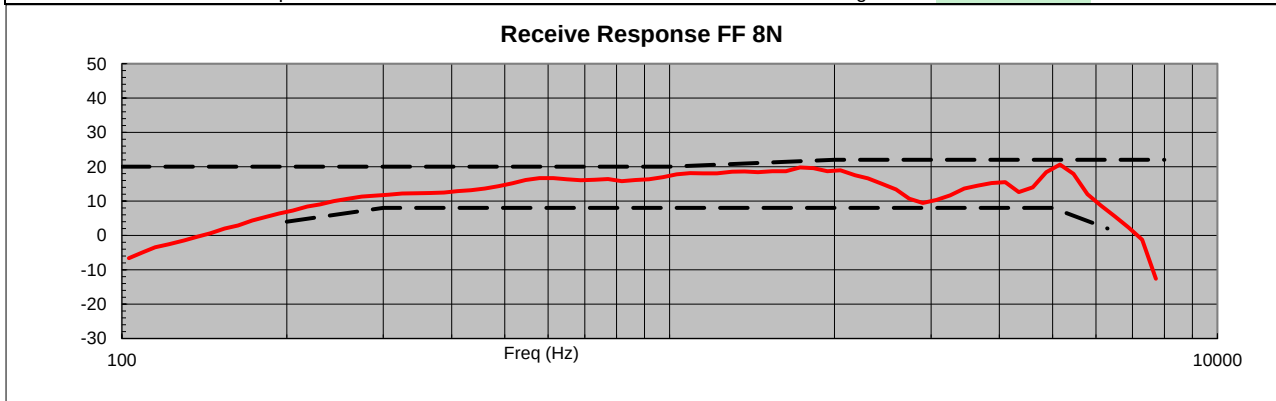
Receive Distortion and Noise Performance

TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.2	Recv PN-SDNR 8N	5.4 dB	Absolute Limits	PASS	
Note: SDNR includes noise and distortion products.					
Stimulus level				-20 dBPa	
Sentence conditioning				-20 dBPa	
Short conditioning				-20 dBPa	



Receive Acoustic Frequency Response Performance

TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.3	Recv resp FF 8N	1.4 dB	Floating Limits	PASS	
	Recv resp DF 8N	2.2 dB	Floating Limits	PASS	



TIA-5050 Receive Volume Control Measurements - 8N

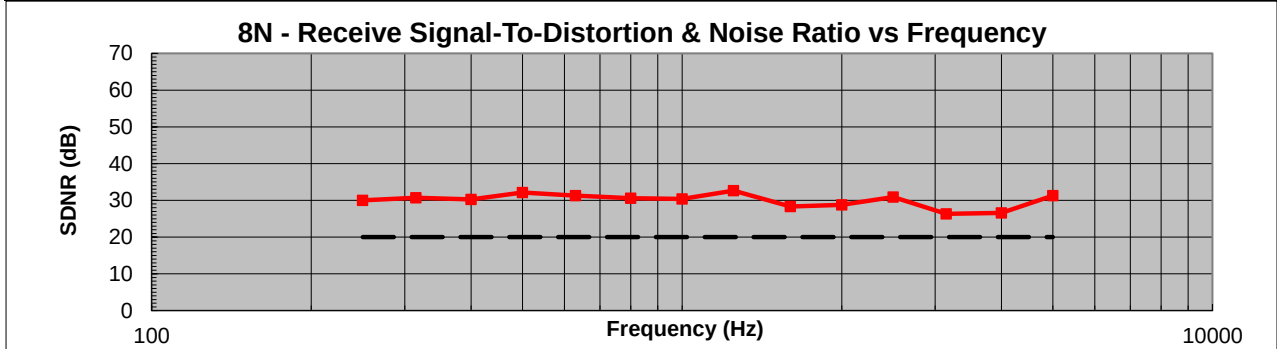
Device Under Test:	20241209_11g_WB_8N
Bandwidth	Wideband
Test Date:	2024-12-09

Receive Volume Control Performance

TIA-5050	Test	Measured	Limits	Result	Reference
Clause 5.1	Recv output level dB SPL 8N	86.61 dB	info only		
	Recv conversational gain 8N	16.61 dB	6.00	PASS	

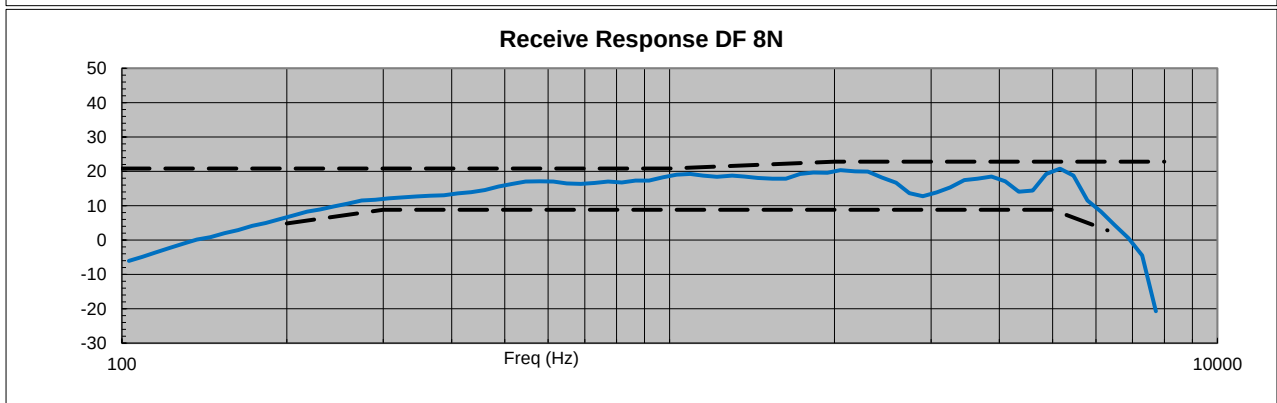
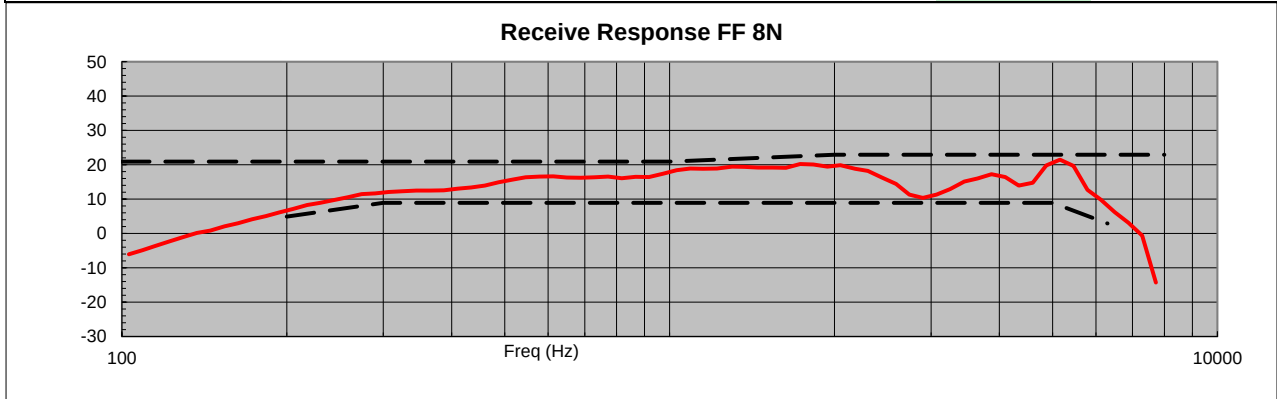
Receive Distortion and Noise Performance

TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.2	Recv PN-SDNR 8N	6.3 dB	Absolute Limits	PASS	
Note: SDNR includes noise and distortion products.					
Stimulus level				-20 dBPa	
Sentence conditioning				-20 dBPa	
Short conditioning				-20 dBPa	



Receive Acoustic Frequency Response Performance

TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.3	Recv resp FF 8N	1.44 dB	Floating Limits	PASS	
	Recv resp DF 8N	1.8 dB	Floating Limits	PASS	



TIA-5050 Receive Volume Control Measurements - 8N

Device Under Test:	20241209_11a_WB_8N
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Bandwidth	Wideband
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Test Date:	2024-12-09
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Receive Volume Control Performance

TIA-5050	Test	Measured	Limits	Result	Reference
Clause 5.1	Recv output level dB SPL 8N	86.99 dB	info only		
	Recv conversational gain 8N	16.99 dB	6.00	PASS	

Receive Distortion and Noise Performance

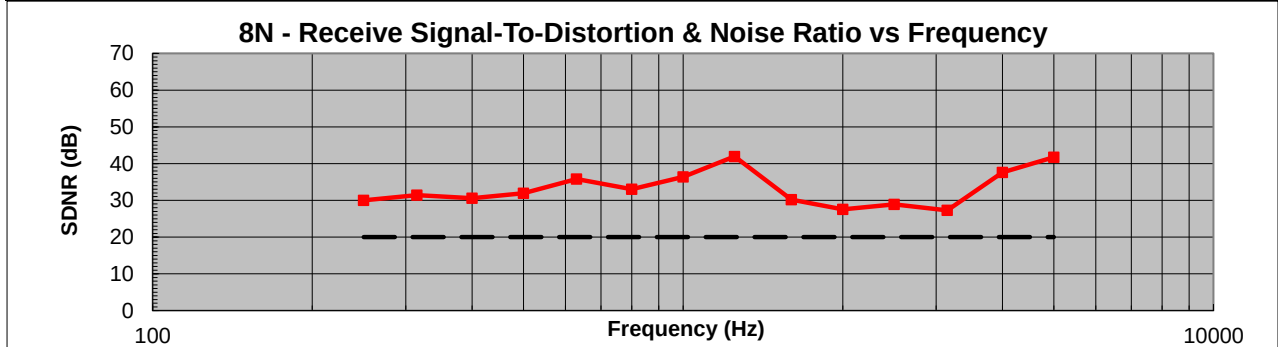
TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.2	Recv PN-SDNR 8N	7.3 dB	Absolute Limits	PASS	

Note: SDNR includes noise and distortion products.

Stimulus level -20 dBPa

Sentence conditioning -20 dBPa

Short conditioning -20 dBPa



Receive Acoustic Frequency Response Performance

TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.3	Recv resp FF 8N	1.47 dB	Floating Limits	PASS	
	Recv resp DF 8N	1.8 dB	Floating Limits	PASS	

