

TIA-5050 Receive Volume Control Measurements - 2N

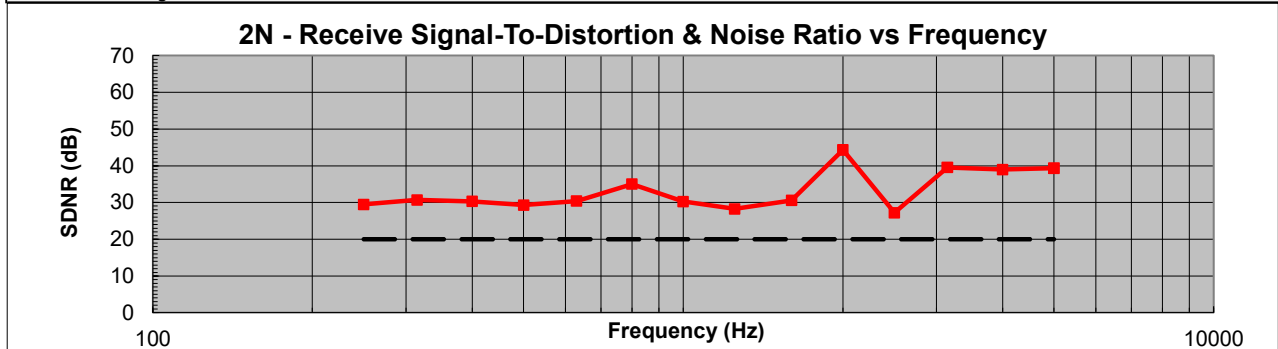
Device Under Test:	20250422_L7_WB_2N
Bandwidth	Wideband
Test Date:	2025-04-22

Receive Volume Control Performance

TIA-5050	Test	Measured	Limits	Result	Reference
Clause 5.1	Recv output level dB SPL 2N	86.03 dB	info only		
	Recv conversational gain 2N	16.03 dB	6.00	PASS	

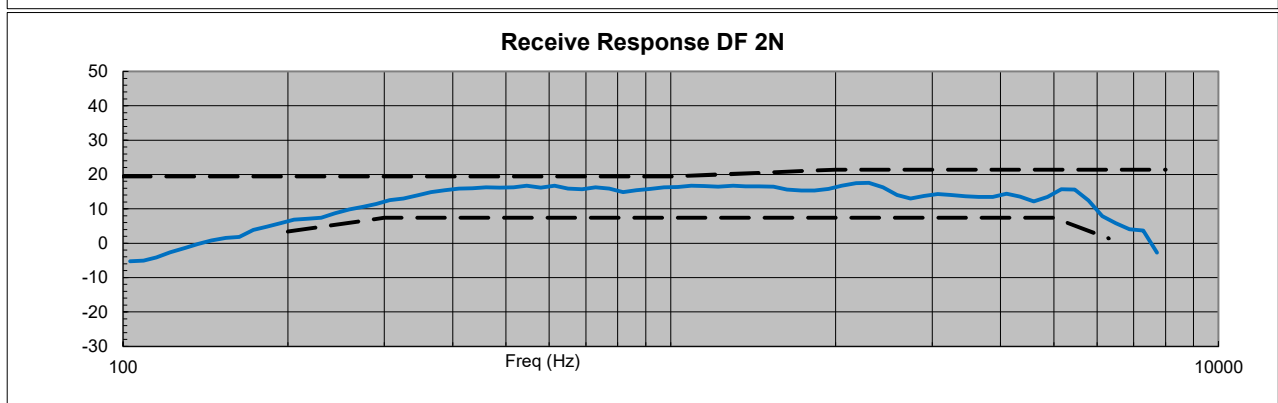
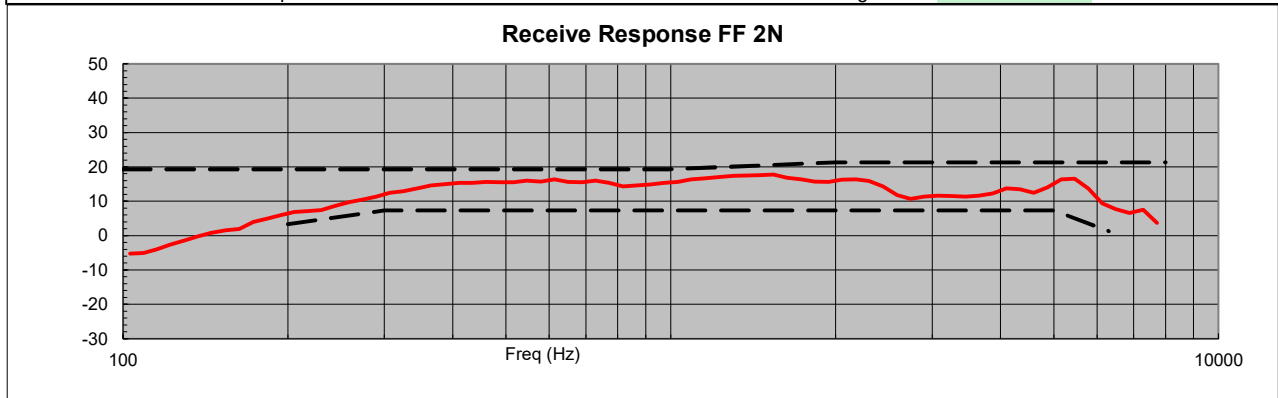
Receive Distortion and Noise Performance

TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.2	Recv PN-SDNR 2N	7.19 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	2.7 dB	Floating Limits	PASS	
	Recv resp DF 2N	2.6 dB	Floating Limits	PASS	



TIA-5050 Receive Volume Control Measurements - 2N

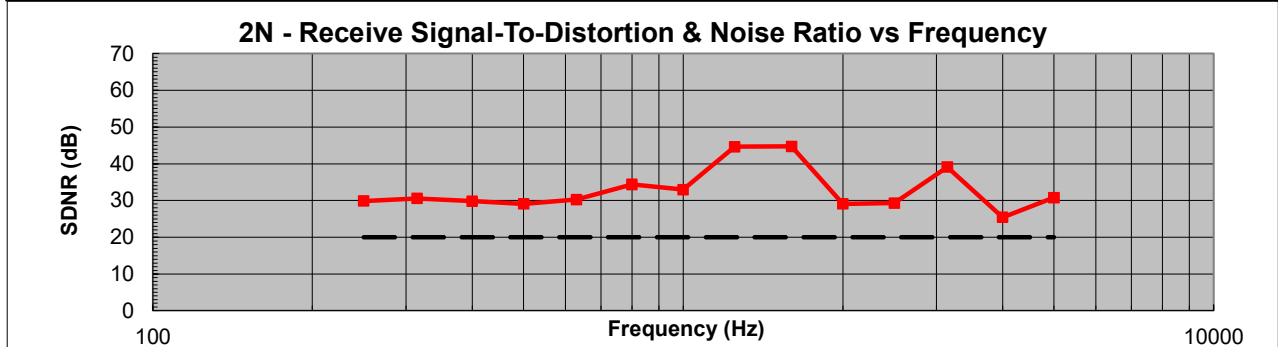
Device Under Test:	20250422_L12_WB_2N
Bandwidth	Wideband
Test Date:	2025-04-22

Receive Volume Control Performance

TIA-5050	Test	Measured	Limits	Result	Reference
Clause 5.1	Recv output level dB SPL 2N	86.09 dB	info only		
	Recv conversational gain 2N	16.09 dB	6.00	PASS	

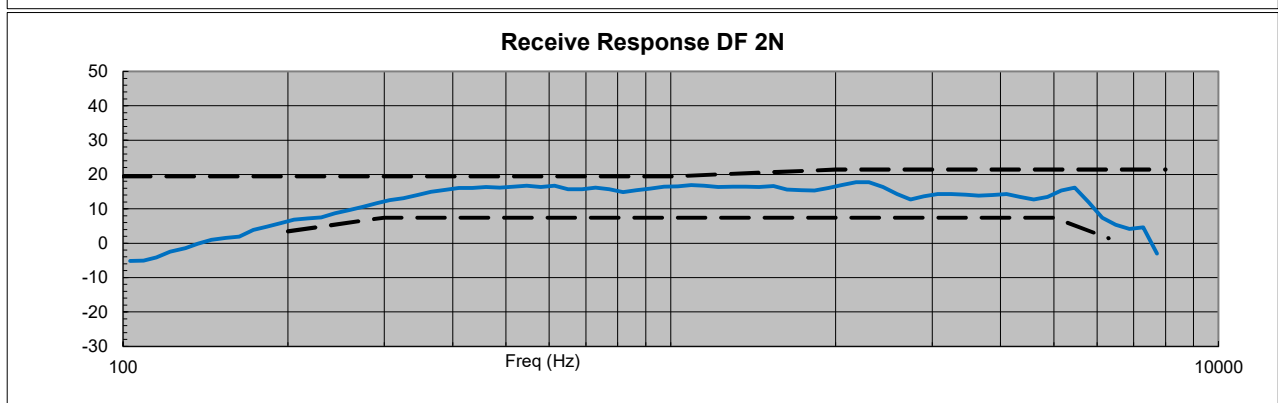
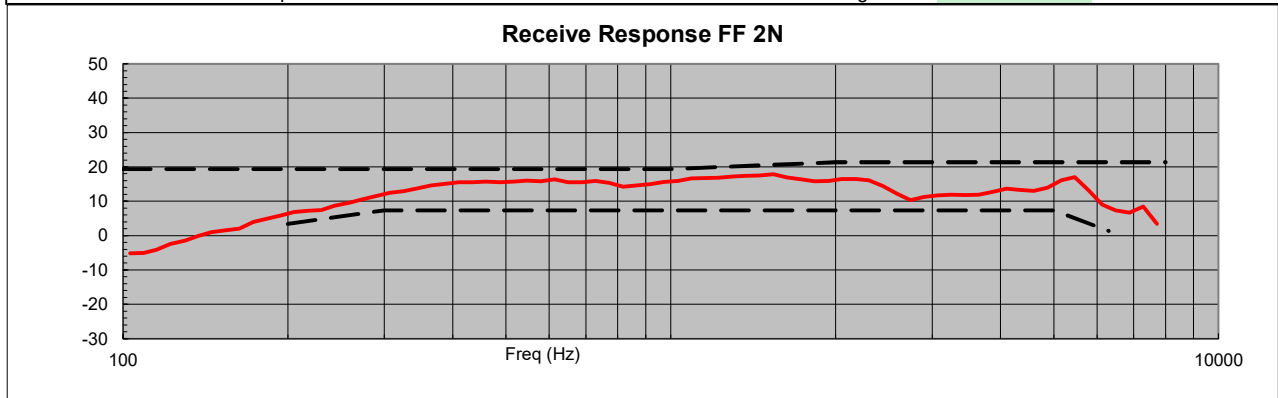
Receive Distortion and Noise Performance

TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.2	Recv PN-SDNR 2N	5.41 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	2.74 dB	Floating Limits	PASS	
	Recv resp DF 2N	2.7 dB	Floating Limits	PASS	



TIA-5050 Receive Volume Control Measurements - 2N

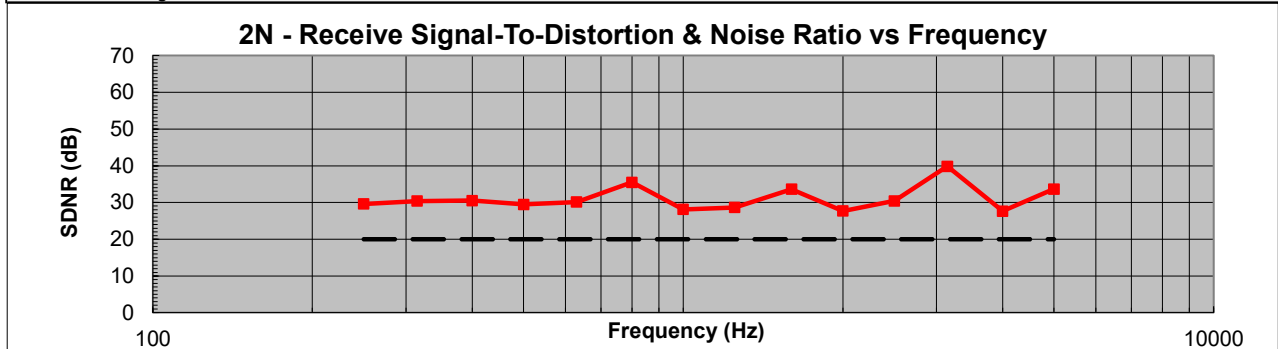
Device Under Test:	20250422_L13_WB_2N
Bandwidth	Wideband
Test Date:	2025-04-22

Receive Volume Control Performance

TIA-5050	Test	Measured	Limits	Result	Reference
Clause 5.1	Recv output level dB SPL 2N	85.99 dB	info only		
	Recv conversational gain 2N	15.99 dB	6.00	PASS	

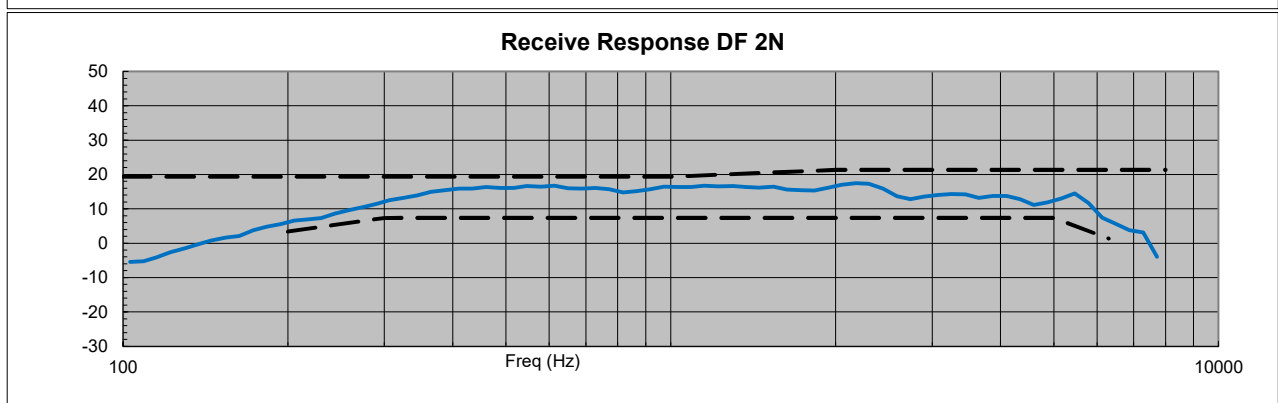
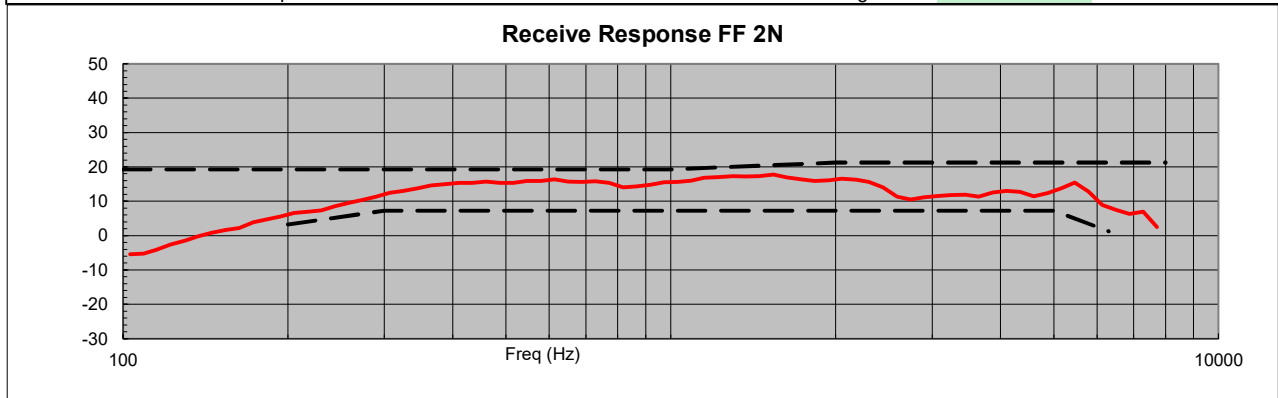
Receive Distortion and Noise Performance

TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.2	Recv PN-SDNR 2N	7.63 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	2.69 dB	Floating Limits	PASS	
	Recv resp DF 2N	2.6 dB	Floating Limits	PASS	



TIA-5050 Receive Volume Control Measurements - 2N

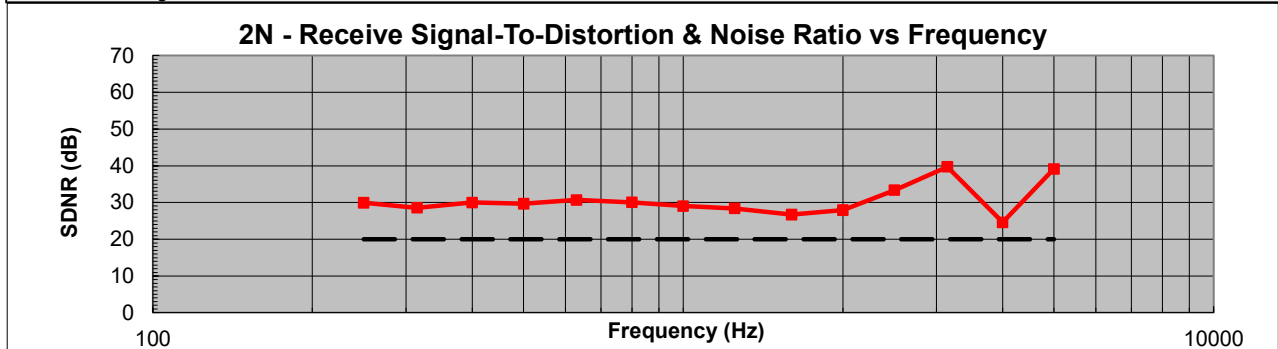
Device Under Test:	20250422_L14_WB_2N
Bandwidth	Wideband
Test Date:	2025-04-22

Receive Volume Control Performance

TIA-5050	Test	Measured	Limits	Result	Reference
Clause 5.1	Recv output level dB SPL 2N	86.01 dB	info only		
	Recv conversational gain 2N	16.01 dB	6.00	PASS	

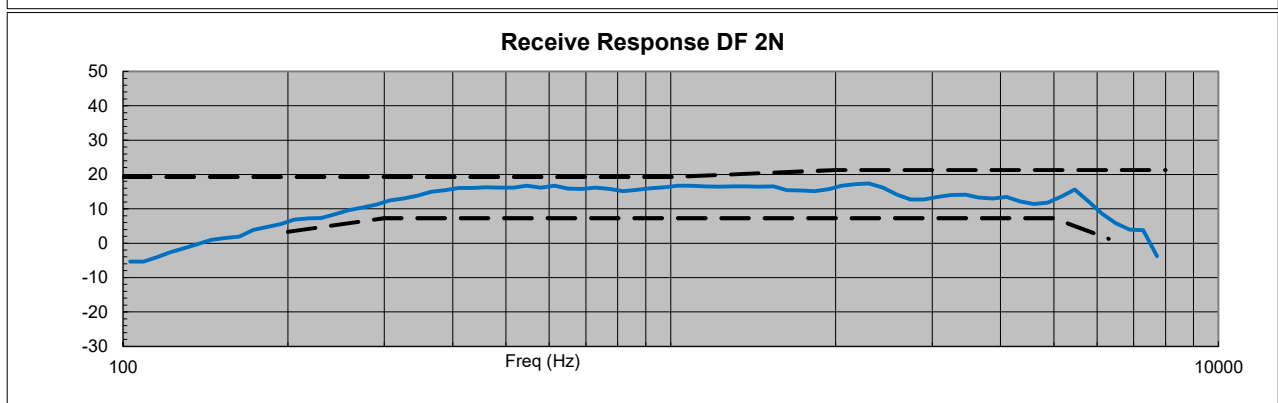
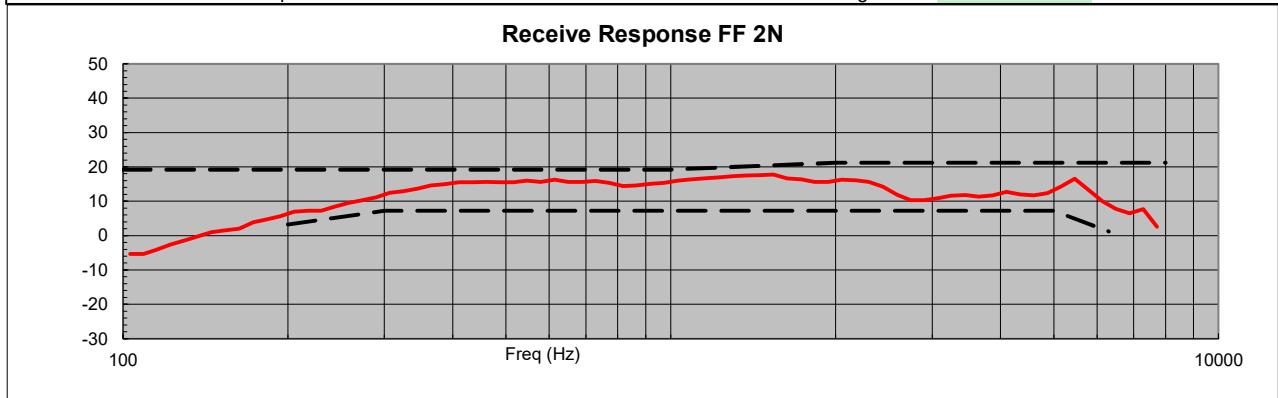
Receive Distortion and Noise Performance

TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.2	Recv PN-SDNR 2N	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 2N	2.66 dB	Floating Limits	PASS	
	Recv resp DF 2N	2.6 dB	Floating Limits	PASS	



TIA-5050 Receive Volume Control Measurements - 2N

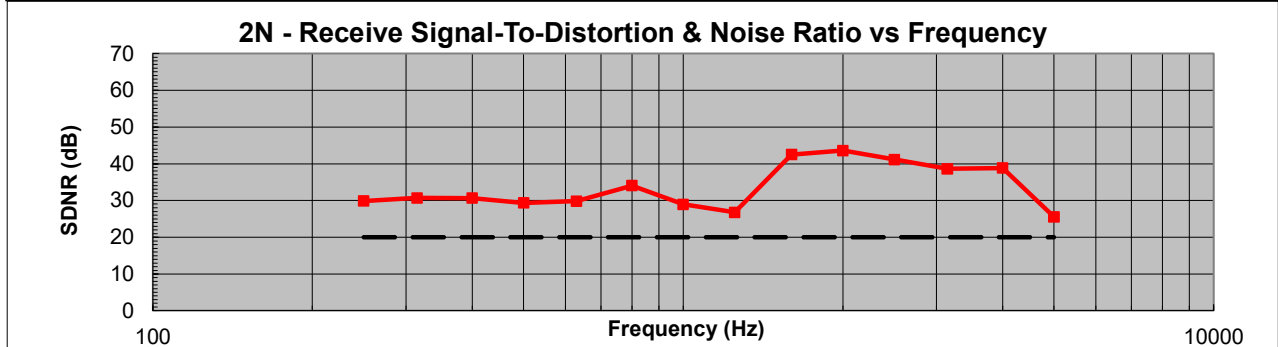
Device Under Test:	20250422_L25_WB_2N
Bandwidth	Wideband
Test Date:	2025-04-22

Receive Volume Control Performance

TIA-5050	Test	Measured	Limits	Result	Reference
Clause 5.1	Recv output level dB SPL 2N	86.02 dB	info only		
	Recv conversational gain 2N	16.02 dB	6.00	PASS	

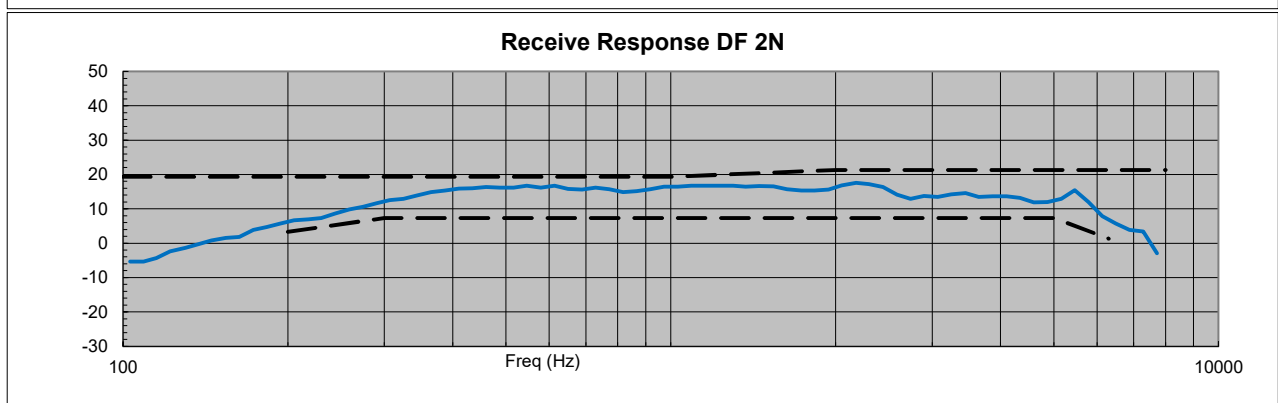
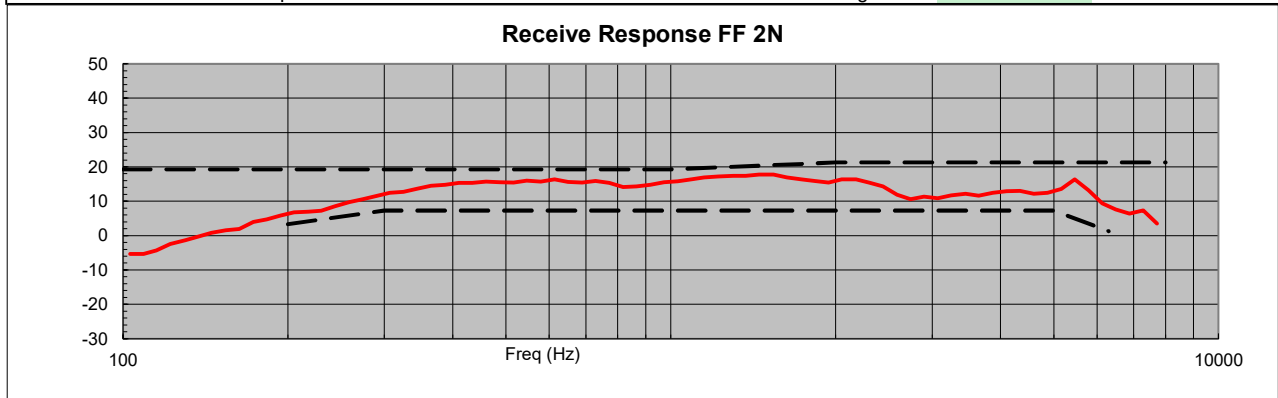
Receive Distortion and Noise Performance

TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.2	Recv PN-SDNR 2N	5.54 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	2.62 dB	Floating Limits	PASS	
	Recv resp DF 2N	2.6 dB	Floating Limits	PASS	



TIA-5050 Receive Volume Control Measurements - 2N

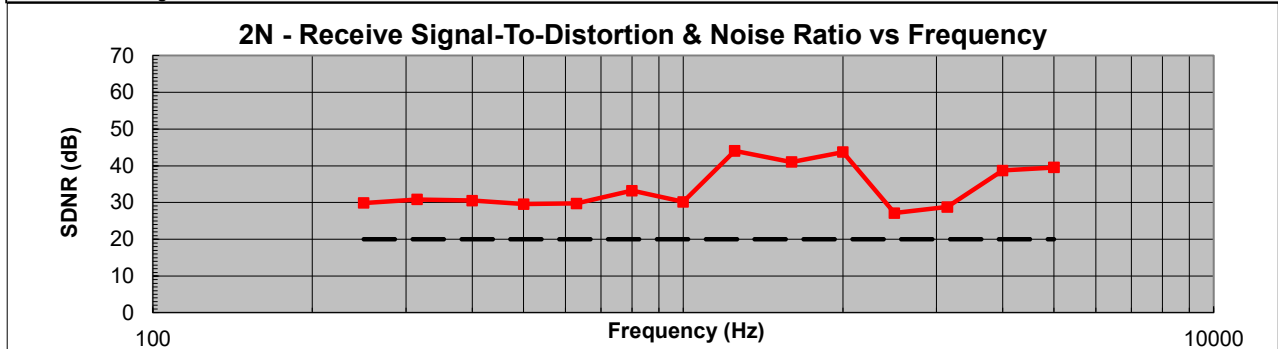
Device Under Test:	20250421_L26_M1_WB_2N
Bandwidth	Wideband
Test Date:	2025-04-21

Receive Volume Control Performance

TIA-5050	Test	Measured	Limits	Result	Reference
Clause 5.1	Recv output level dB SPL 2N	86 dB	info only		
	Recv conversational gain 2N	16 dB	6.00	PASS	

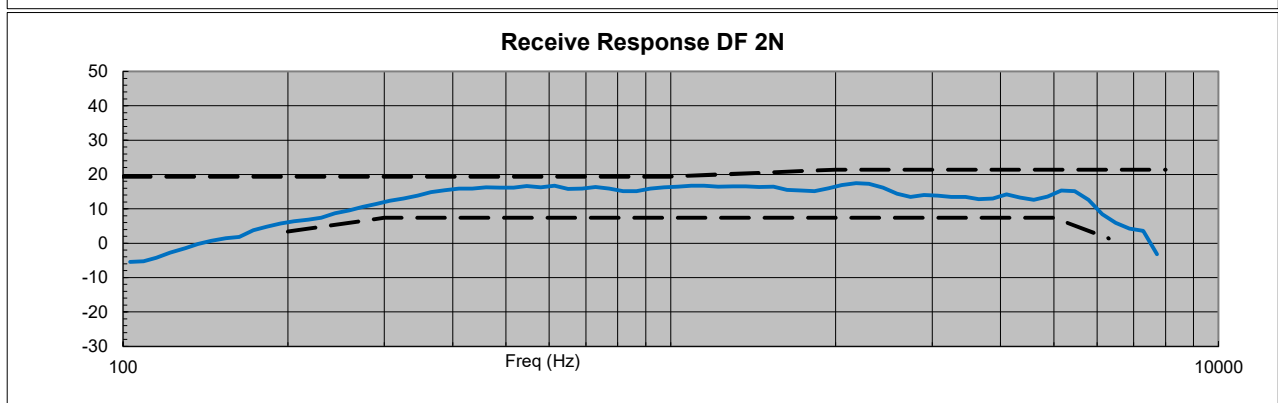
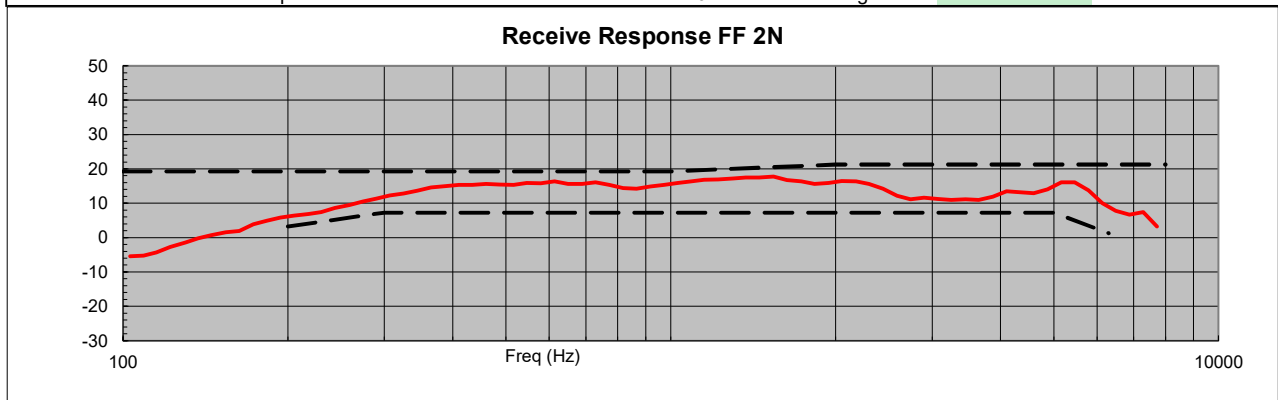
Receive Distortion and Noise Performance

TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.2	Recv PN-SDNR 2N	7.12 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	2.72 dB	Floating Limits	PASS	
	Recv resp DF 2N	2.6 dB	Floating Limits	PASS	



TIA-5050 Receive Volume Control Measurements - 2N

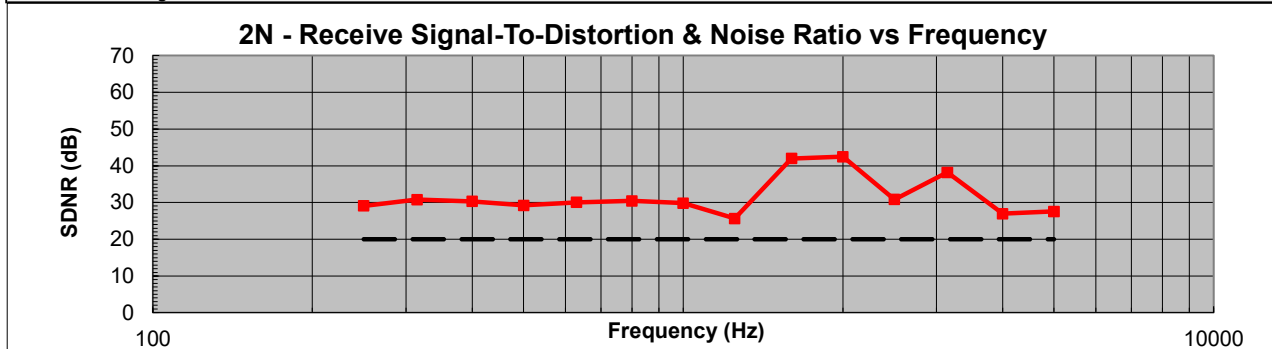
Device Under Test:	20250422_L30_WB_2N
Bandwidth	Wideband
Test Date:	2025-04-22

Receive Volume Control Performance

TIA-5050	Test	Measured	Limits	Result	Reference
Clause 5.1	Recv output level dB SPL 2N	86.11 dB	info only		
	Recv conversational gain 2N	16.11 dB	6.00	PASS	

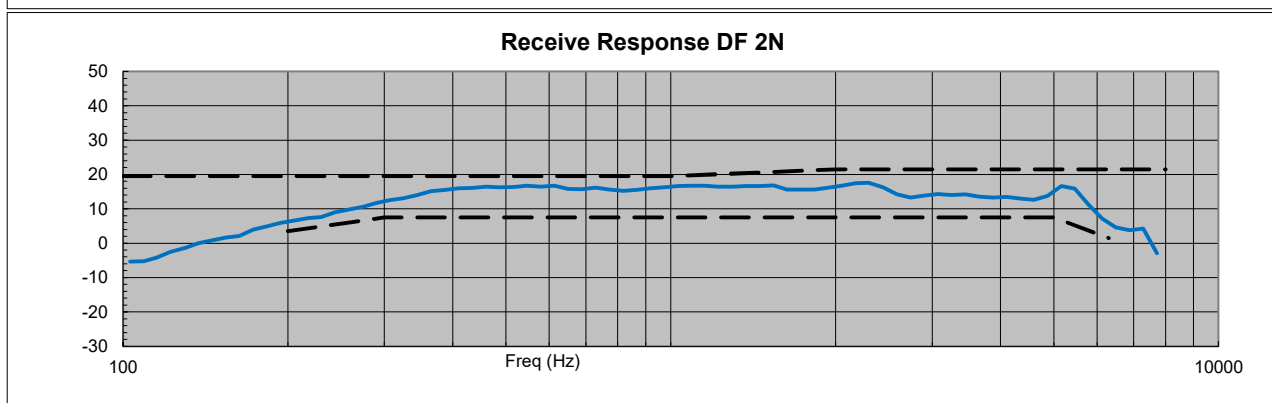
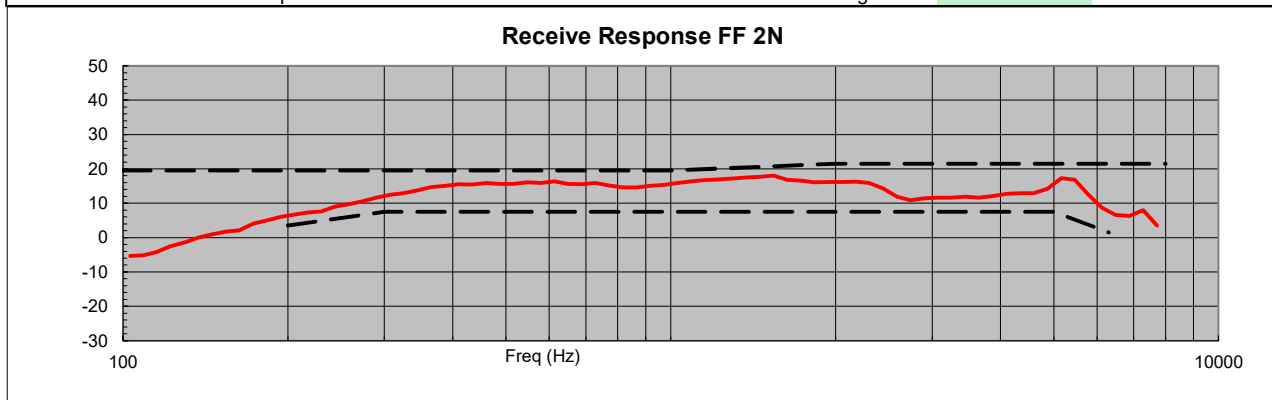
Receive Distortion and Noise Performance

TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.2	Recv PN-SDNR 2N	5.63 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	2.69 dB	Floating Limits	PASS	
	Recv resp DF 2N	2.7 dB	Floating Limits	PASS	



TIA-5050 Receive Volume Control Measurements - 2N

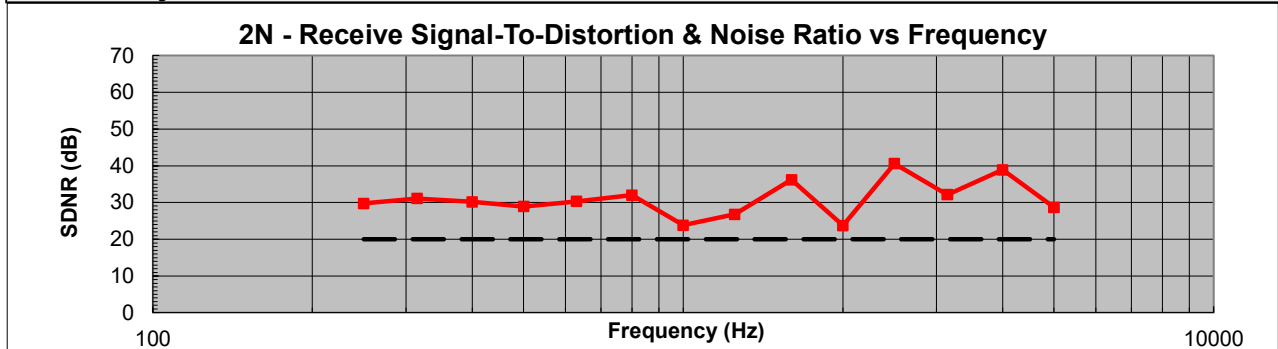
Device Under Test:	20250422_L66_M2_WB_2N
Bandwidth	Wideband
Test Date:	2025-04-22

Receive Volume Control Performance

TIA-5050	Test	Measured	Limits	Result	Reference
Clause 5.1	Recv output level dB SPL 2N	85.95 dB	info only		
	Recv conversational gain 2N	15.95 dB	6.00	PASS	

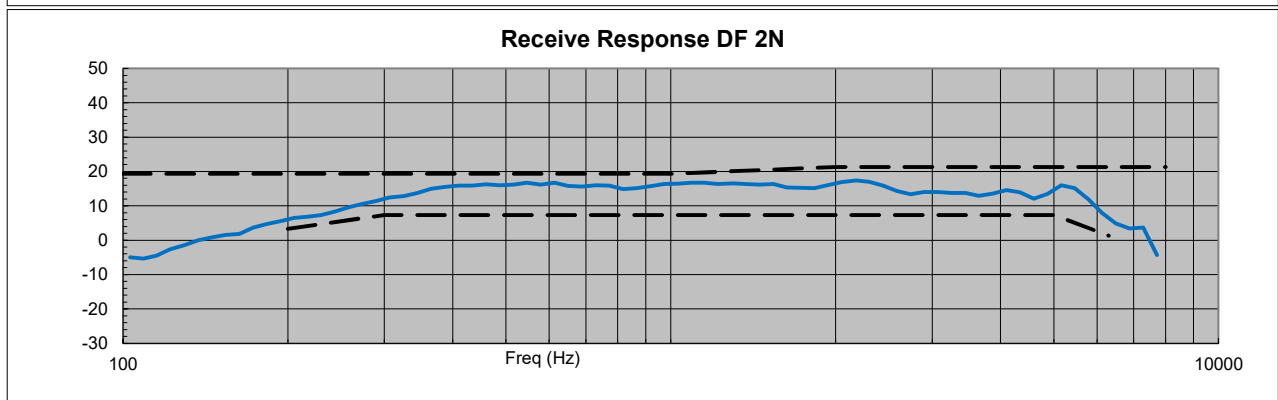
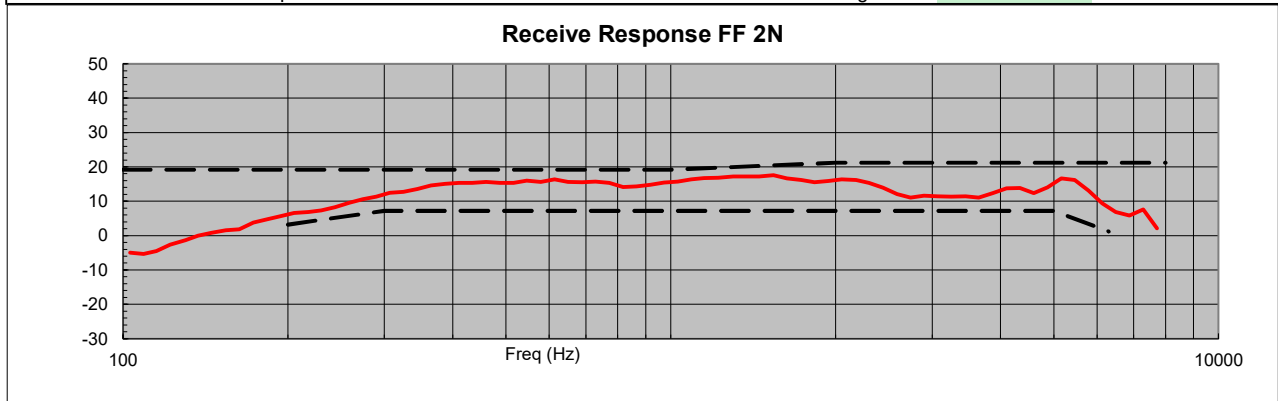
Receive Distortion and Noise Performance

TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.2	Recv PN-SDNR 2N	3.72 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	2.73 dB	Floating Limits	PASS	
	Recv resp DF 2N	2.6 dB	Floating Limits	PASS	



TIA-5050 Receive Volume Control Measurements - 2N

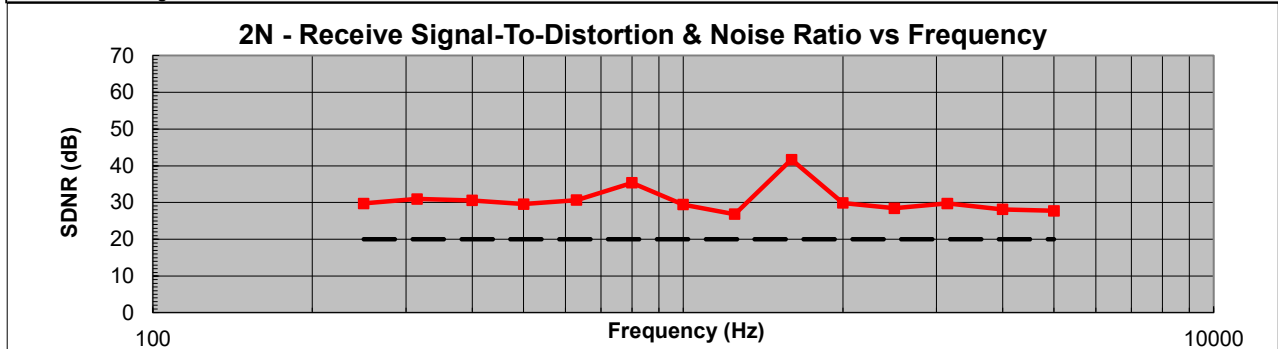
Device Under Test:	20250422_L71_WB_2N
Bandwidth	Wideband
Test Date:	2025-04-22

Receive Volume Control Performance

TIA-5050	Test	Measured	Limits	Result	Reference
Clause 5.1	Recv output level dB SPL 2N	86.03 dB	info only		
	Recv conversational gain 2N	16.03 dB	6.00	PASS	

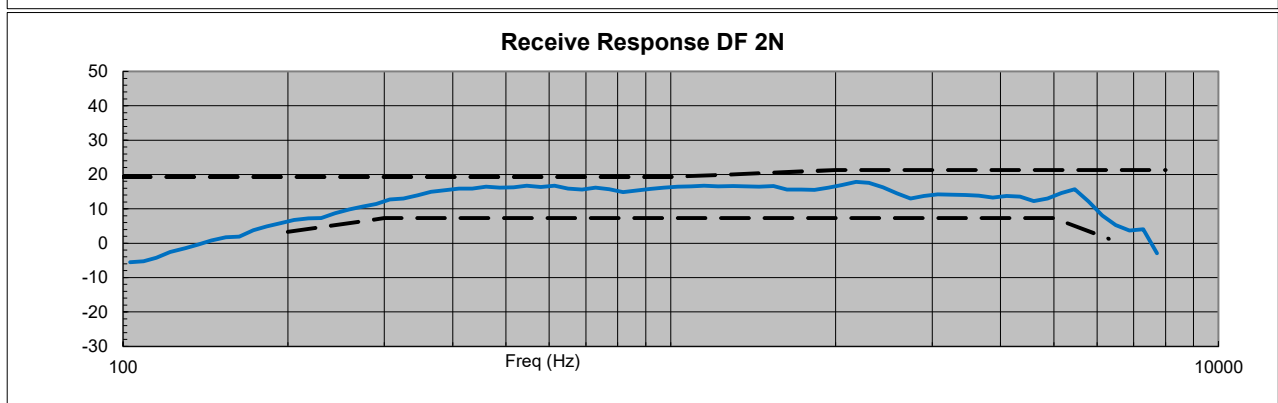
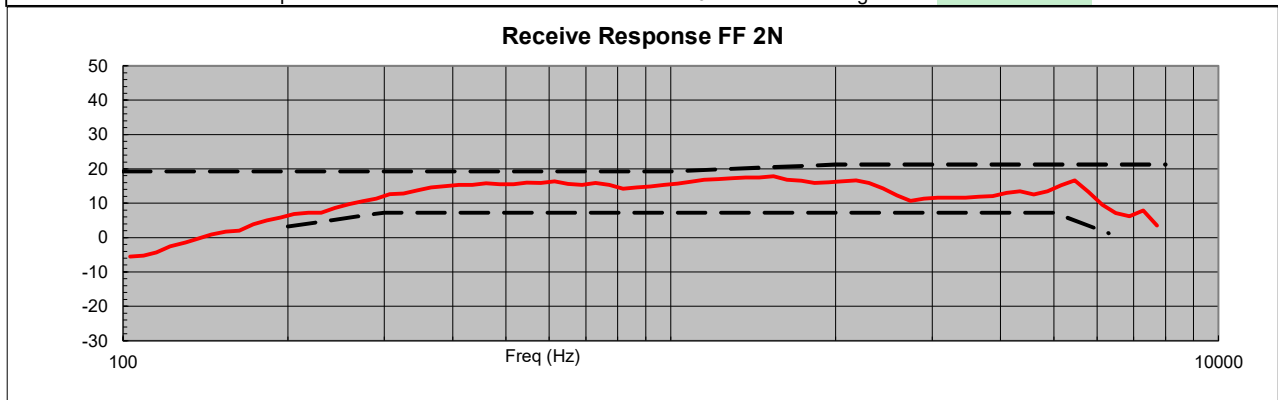
Receive Distortion and Noise Performance

TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.2	Recv PN-SDNR 2N	6.83 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	2.62 dB	Floating Limits	PASS	
	Recv resp DF 2N	2.6 dB	Floating Limits	PASS	



TIA-5050 Receive Volume Control Measurements - 2N

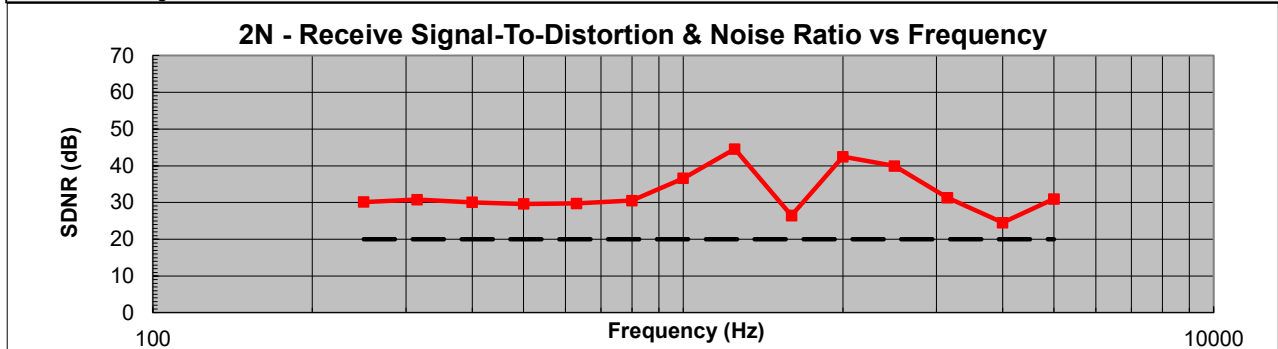
Device Under Test:	20250422_L41_M2_WB_2N
Bandwidth	Wideband
Test Date:	2025-04-22

Receive Volume Control Performance

TIA-5050	Test	Measured	Limits	Result	Reference
Clause 5.1	Recv output level dB SPL 2N	86.07 dB	info only		
	Recv conversational gain 2N	16.07 dB	6.00	PASS	

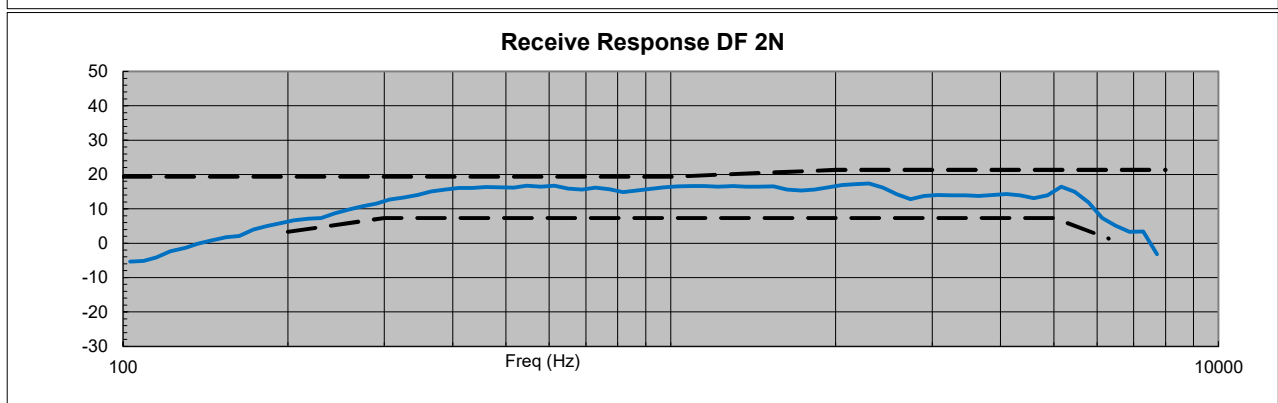
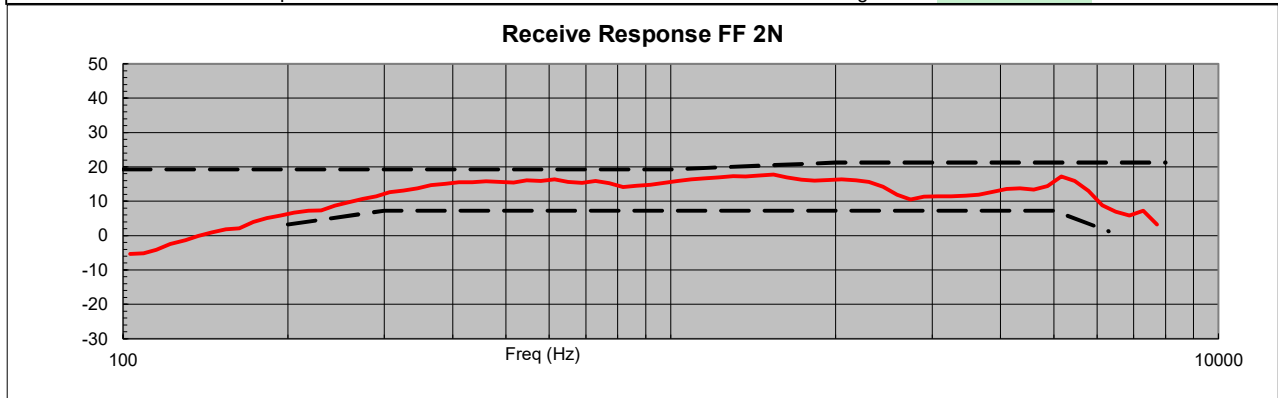
Receive Distortion and Noise Performance

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	2.69 dB	Floating Limits	PASS	
	Recv resp DF 2N	2.6 dB	Floating Limits	PASS	



TIA-5050 Receive Volume Control Measurements - 2N

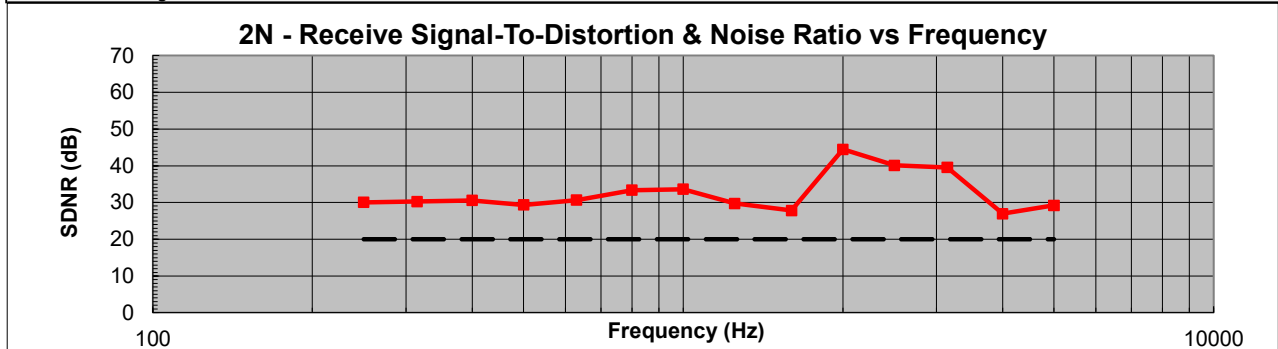
Device Under Test:	20250421_L48_WB_2N
Bandwidth	Wideband
Test Date:	2025-04-21

Receive Volume Control Performance

TIA-5050	Test	Measured	Limits	Result	Reference
Clause 5.1	Recv output level dB SPL 2N	86.35 dB	info only		
	Recv conversational gain 2N	16.35 dB	6.00	PASS	

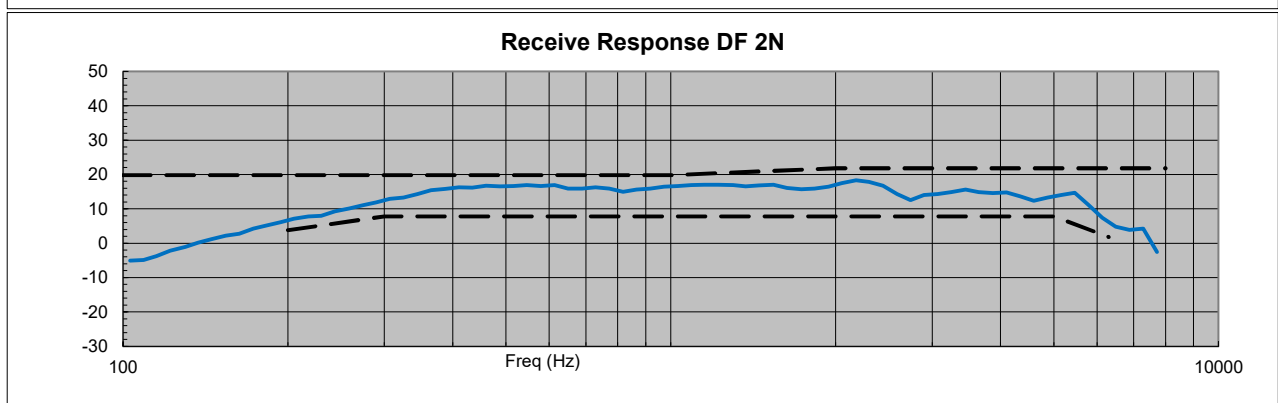
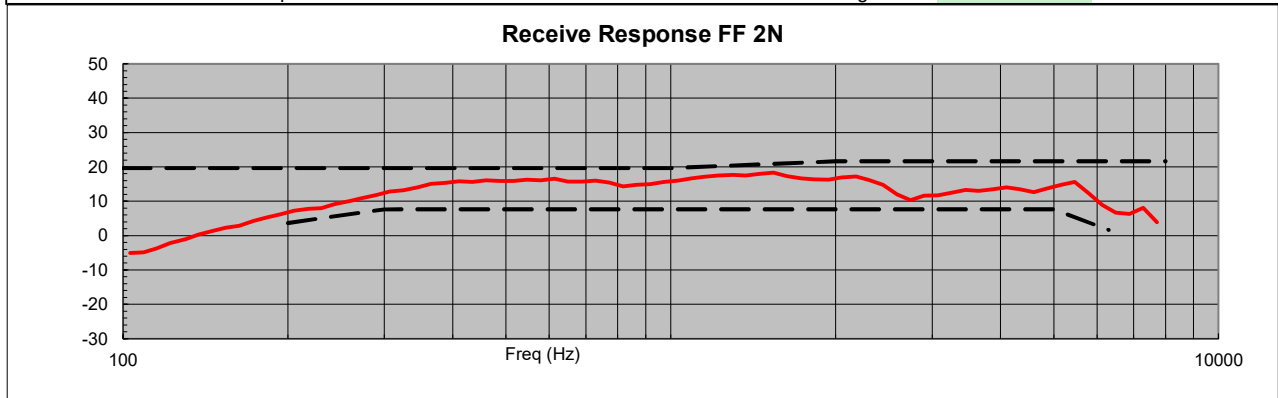
Receive Distortion and Noise Performance

TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.2	Recv PN-SDNR 2N	6.97 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	2.61 dB	Floating Limits	PASS	
	Recv resp DF 2N	2.8 dB	Floating Limits	PASS	



TIA-5050 Receive Volume Control Measurements - 2N

Device Under Test:	20250425_N5_M1_WB_2N
Bandwidth	Wideband
Test Date:	2025-04-25

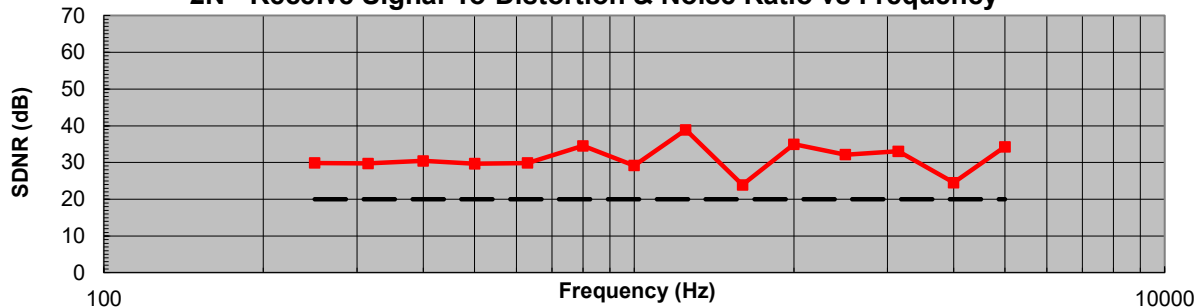
Receive Volume Control Performance

TIA-5050	Test	Measured	Limits	Result	Reference
Clause 5.1	Recv output level dB SPL 2N	86.73 dB	info only		
	Recv conversational gain 2N	16.73 dB	6.00	PASS	

Receive Distortion and Noise Performance

TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.2	Recv PN-SDNR 2N	3.88 dB	Absolute Limits	PASS	
Note: SDNR includes noise and distortion products.					
Stimulus level				-20 dBPa	
Sentence conditioning				-20 dBPa	
Short conditioning				-20 dBPa	

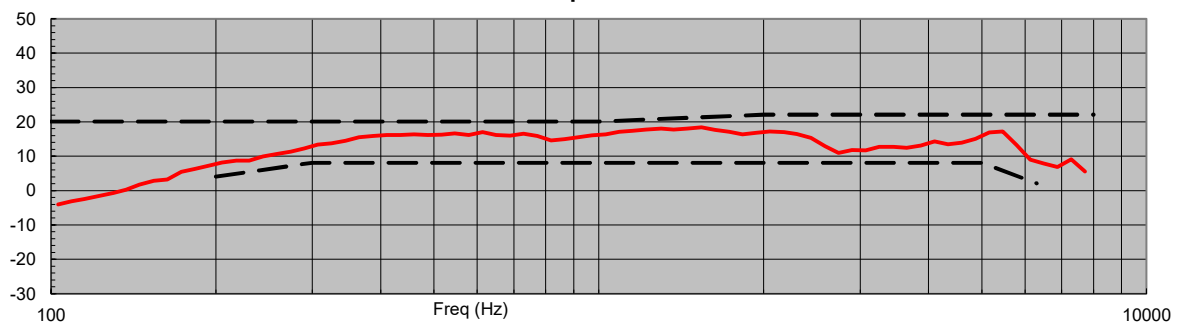
2N - Receive Signal-To-Distortion & Noise Ratio vs Frequency



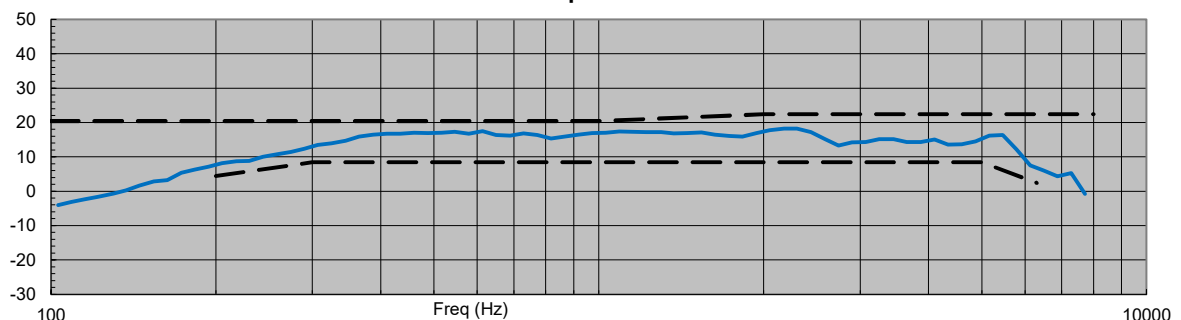
Receive Acoustic Frequency Response Performance

TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.3	Recv resp FF 2N	2.89 dB	Floating Limits	PASS	
	Recv resp DF 2N	3 dB	Floating Limits	PASS	

Receive Response FF 2N



Receive Response DF 2N



TIA-5050 Receive Volume Control Measurements - 2N

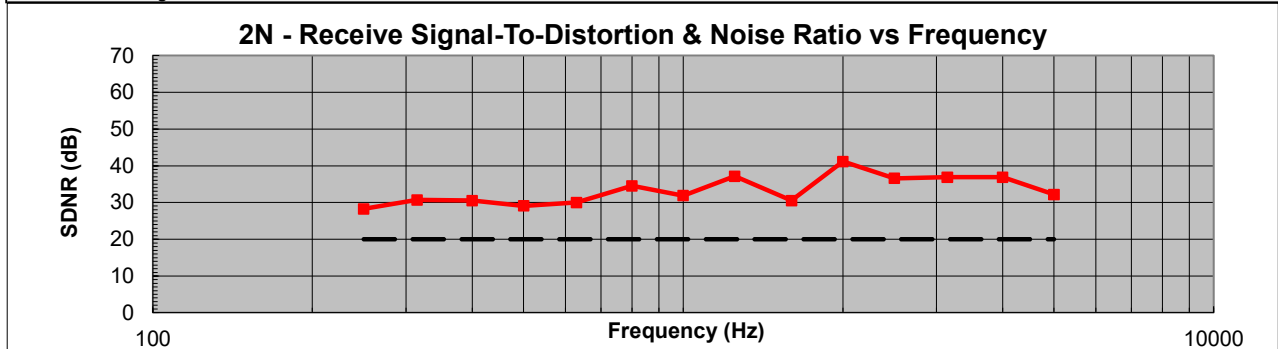
Device Under Test:	20250425_N25_WB_2N
Bandwidth	Wideband
Test Date:	2025-04-25

Receive Volume Control Performance

TIA-5050	Test	Measured	Limits	Result	Reference
Clause 5.1	Recv output level dB SPL 2N	86.8 dB	info only		
	Recv conversational gain 2N	16.8 dB	6.00	PASS	

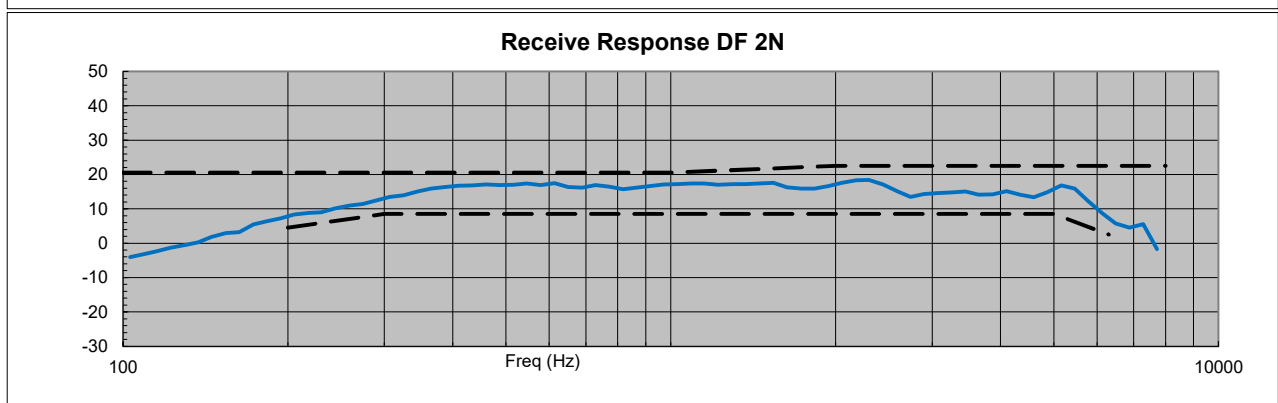
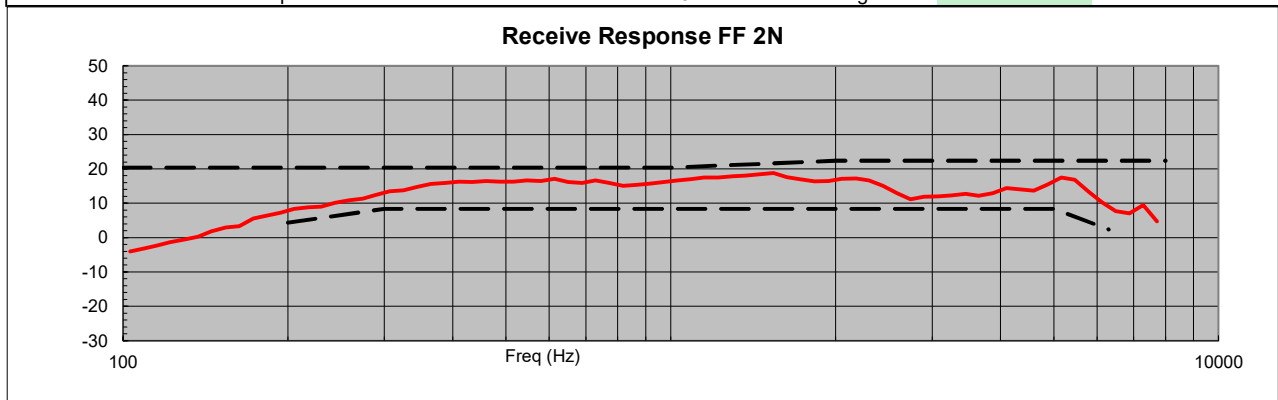
Receive Distortion and Noise Performance

TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.2	Recv PN-SDNR 2N	8.27 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	2.79 dB	Floating Limits	PASS	
	Recv resp DF 2N	3.1 dB	Floating Limits	PASS	



TIA-5050 Receive Volume Control Measurements - 2N

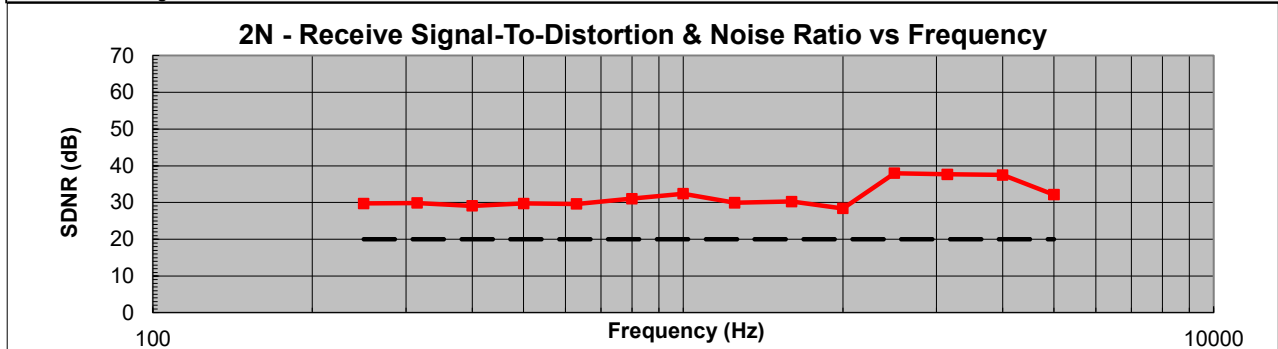
Device Under Test:	20250425_N30_WB_2N
Bandwidth	Wideband
Test Date:	2025-04-25

Receive Volume Control Performance

TIA-5050	Test	Measured	Limits	Result	Reference
Clause 5.1	Recv output level dB SPL 2N	86.79 dB	info only		
	Recv conversational gain 2N	16.79 dB	6.00	PASS	

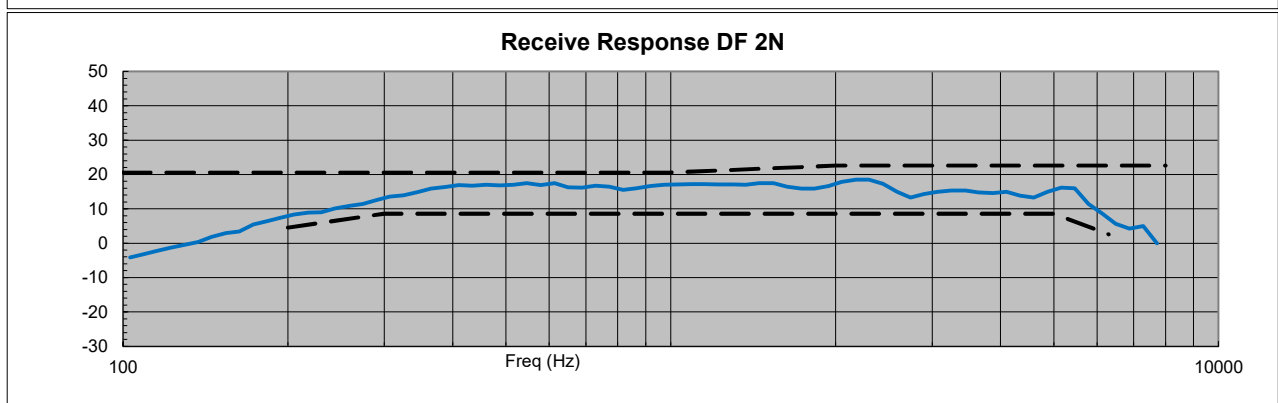
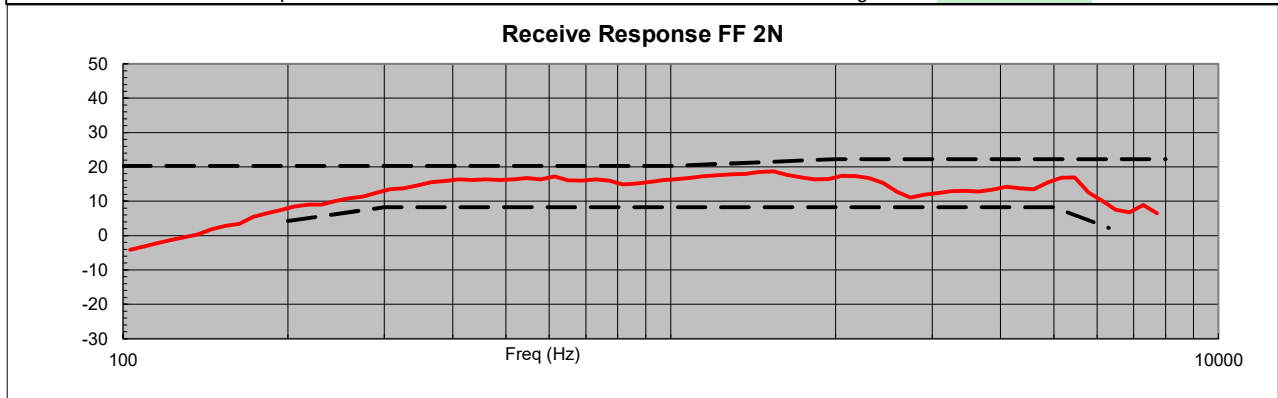
Receive Distortion and Noise Performance

TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.2	Recv PN-SDNR 2N	8.39 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	2.75 dB	Floating Limits	PASS	
	Recv resp DF 2N	3 dB	Floating Limits	PASS	



TIA-5050 Receive Volume Control Measurements - 2N

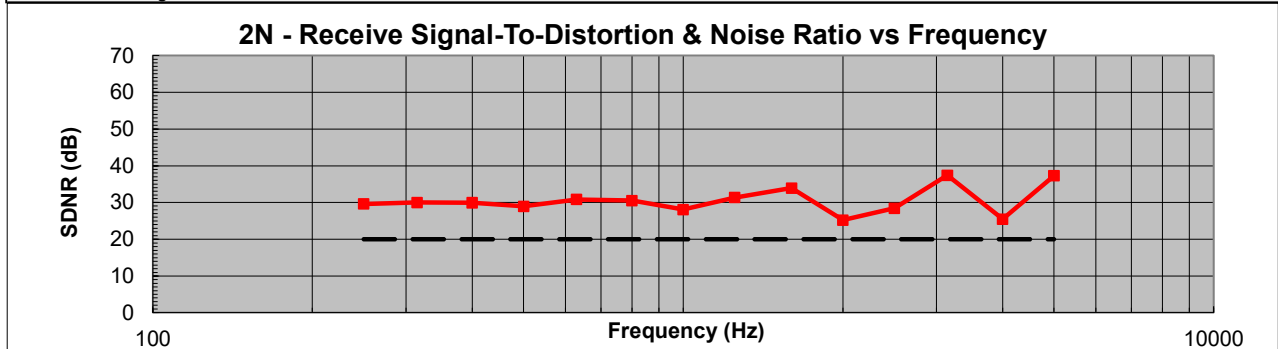
Device Under Test:	20250425_N66_M2_WB_2N
Bandwidth	Wideband
Test Date:	2025-04-25

Receive Volume Control Performance

TIA-5050	Test	Measured	Limits	Result	Reference
Clause 5.1	Recv output level dB SPL 2N	86.07 dB	info only		
	Recv conversational gain 2N	16.07 dB	6.00	PASS	

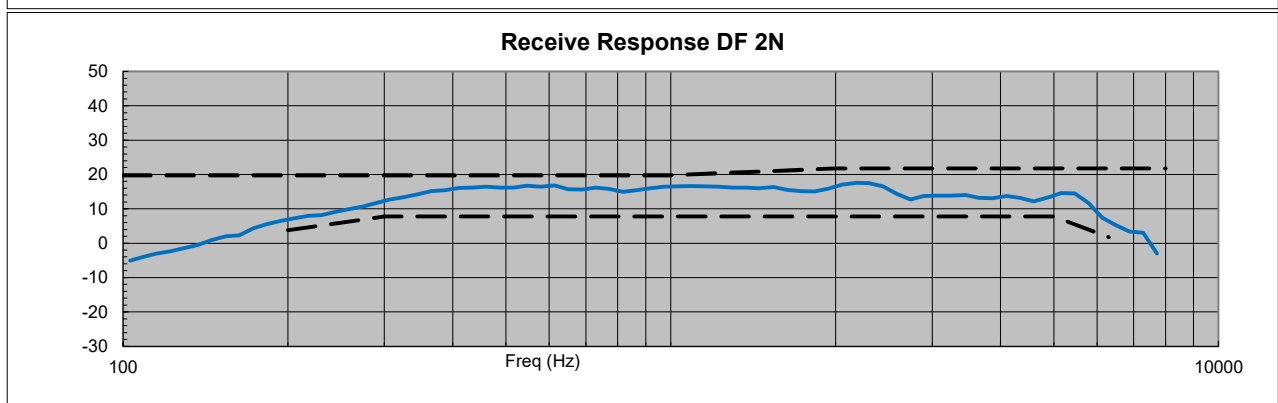
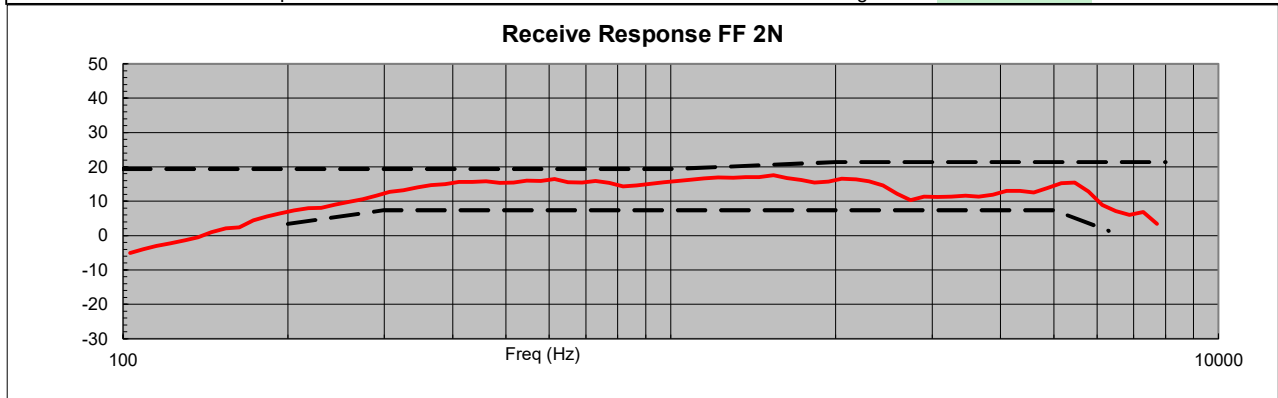
Receive Distortion and Noise Performance

TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.2	Recv PN-SDNR 2N	5.23 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	2.94 dB	Floating Limits	PASS	
	Recv resp DF 2N	3 dB	Floating Limits	PASS	



TIA-5050 Receive Volume Control Measurements - 2N

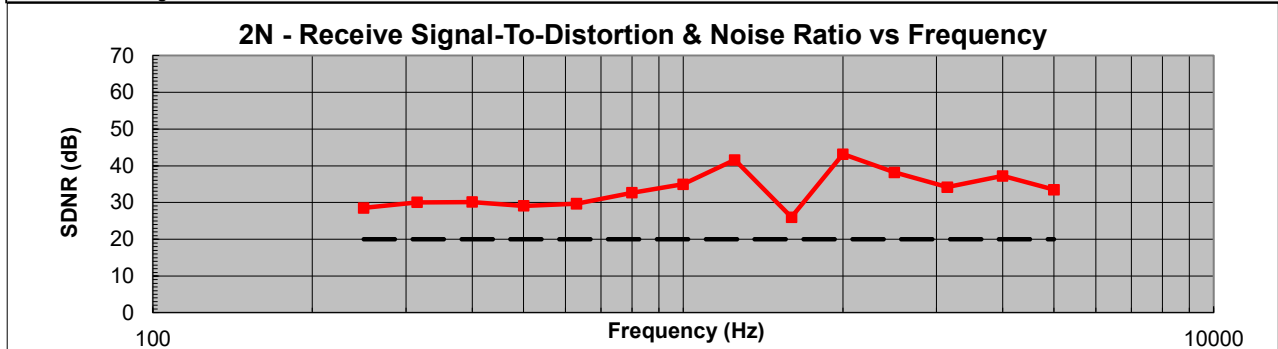
Device Under Test:	20250425_N70_WB_2N
Bandwidth	Wideband
Test Date:	2025-04-25

Receive Volume Control Performance

TIA-5050	Test	Measured	Limits	Result	Reference
Clause 5.1	Recv output level dB SPL 2N	86.82 dB	info only		
	Recv conversational gain 2N	16.82 dB	6.00	PASS	

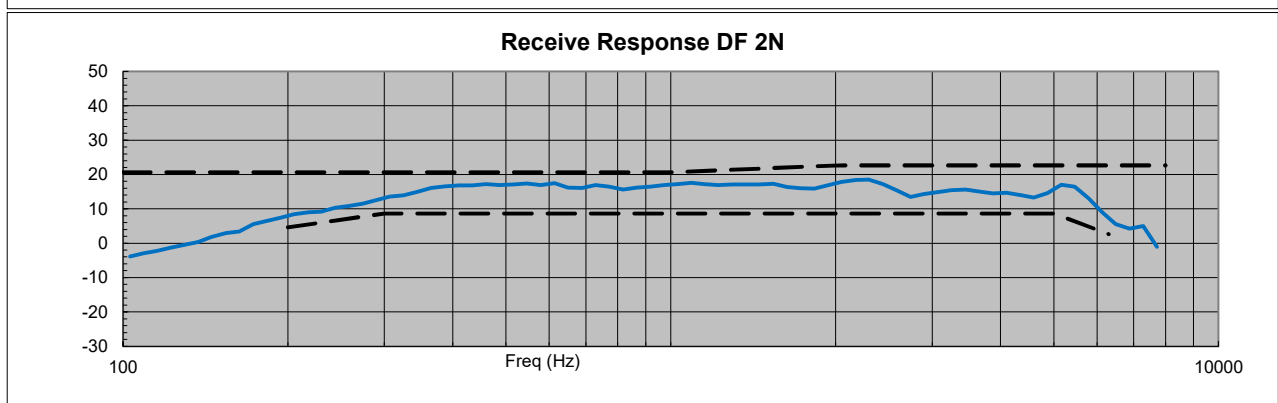
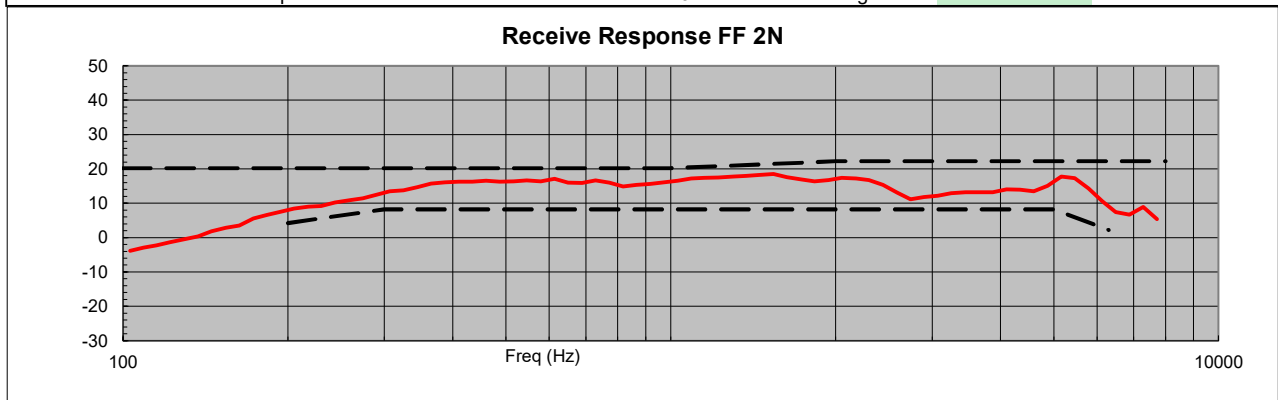
Receive Distortion and Noise Performance

TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.2	Recv PN-SDNR 2N	6.01 dB	Absolute Limits	PASS	
Note: SDNR includes noise and distortion products.					
Stimulus level				-20 dBP _a	
Sentence conditioning				-20 dBP _a	
Short conditioning				-20 dBP _a	



Receive Acoustic Frequency Response Performance

TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.3	Recv resp FF 2N	2.92 dB	Floating Limits	PASS	
	Recv resp DF 2N	3.2 dB	Floating Limits	PASS	



TIA-5050 Receive Volume Control Measurements - 2N

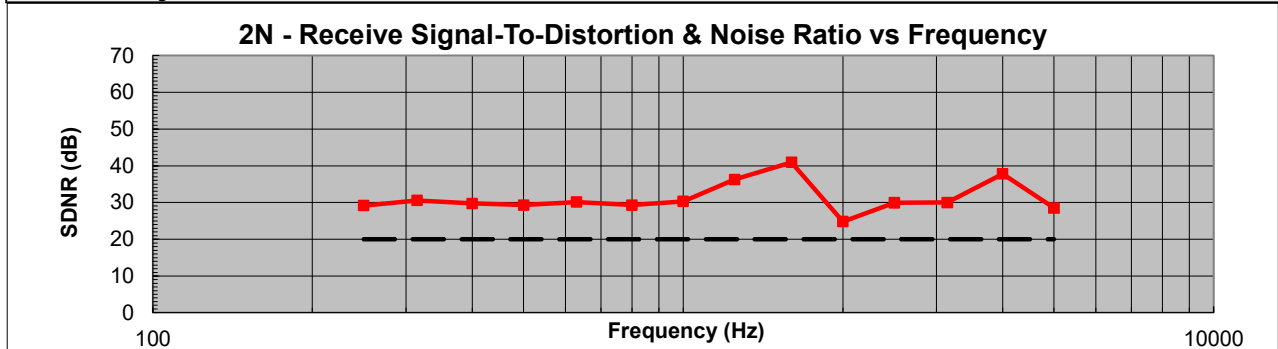
Device Under Test:	20250425_N71_WB_2N
Bandwidth	Wideband
Test Date:	2025-04-25

Receive Volume Control Performance

TIA-5050	Test	Measured	Limits	Result	Reference
Clause 5.1	Recv output level dB SPL 2N	86.85 dB	info only		
	Recv conversational gain 2N	16.85 dB	6.00	PASS	

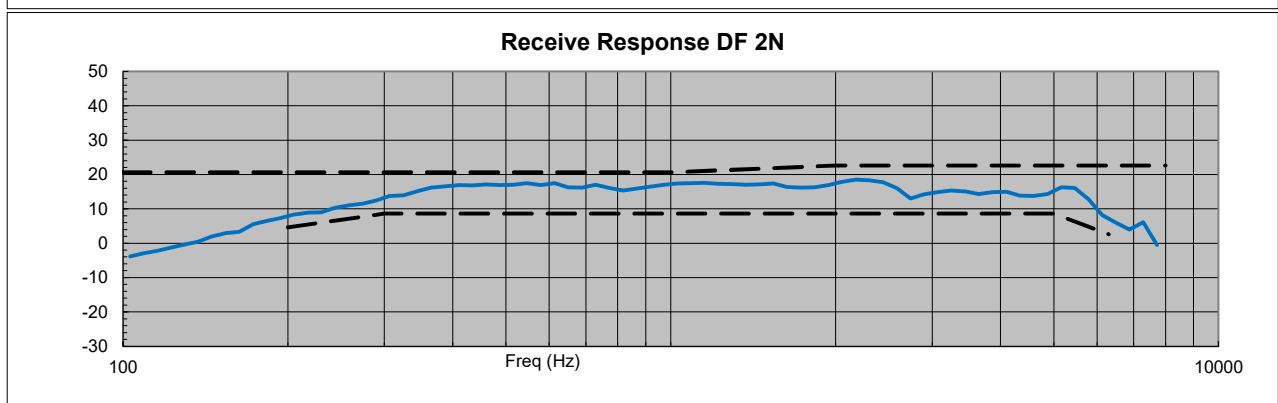
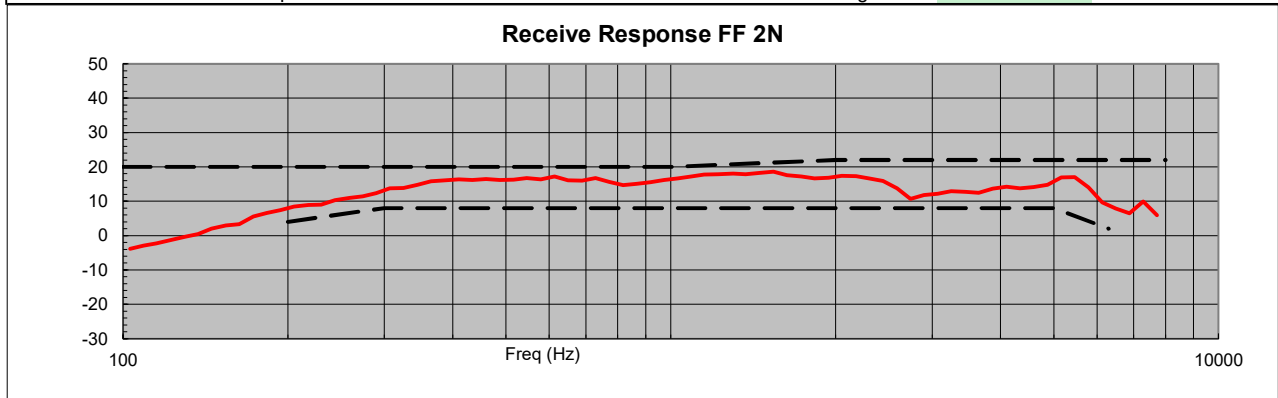
Receive Distortion and Noise Performance

TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.2	Recv PN-SDNR 2N	4.83 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	2.66 dB	Floating Limits	PASS	
	Recv resp DF 2N	3.1 dB	Floating Limits	PASS	



TIA-5050 Receive Volume Control Measurements - 2N

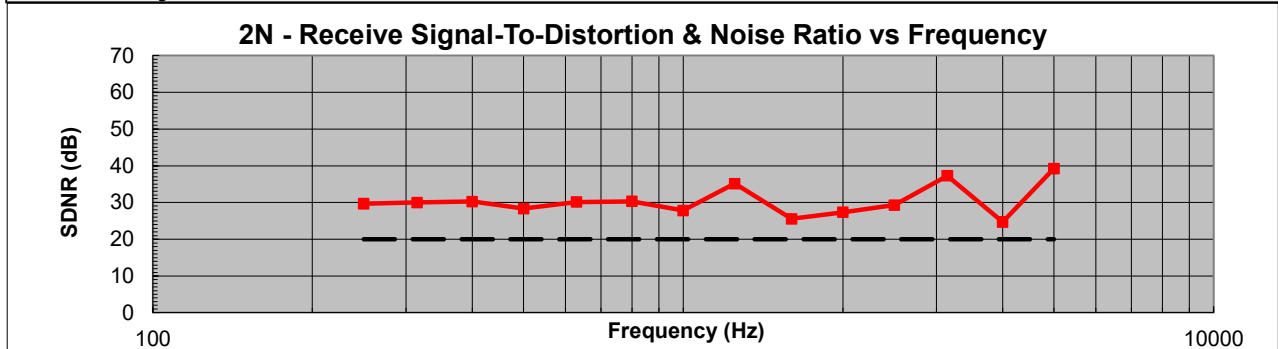
Device Under Test:	20250427_N41_WB_2N
Bandwidth	Wideband
Test Date:	2025-04-27

Receive Volume Control Performance

TIA-5050	Test	Measured	Limits	Result	Reference
Clause 5.1	Recv output level dB SPL 2N	86.38 dB	info only		
	Recv conversational gain 2N	16.38 dB	6.00	PASS	

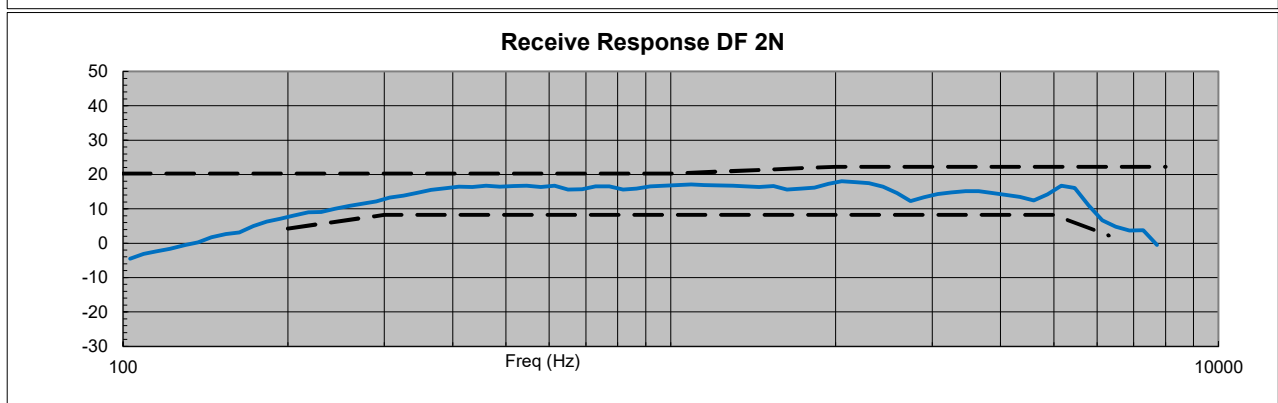
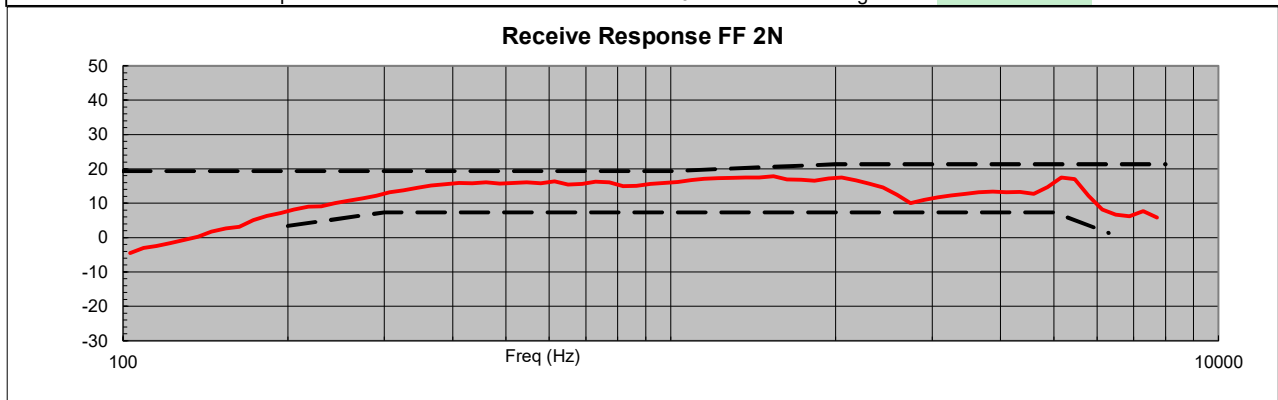
Receive Distortion and Noise Performance

TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.2	Recv PN-SDNR 2N	4.72 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	2.63 dB	Floating Limits	PASS	
	Recv resp DF 2N	3.4 dB	Floating Limits	PASS	



TIA-5050 Receive Volume Control Measurements - 2N

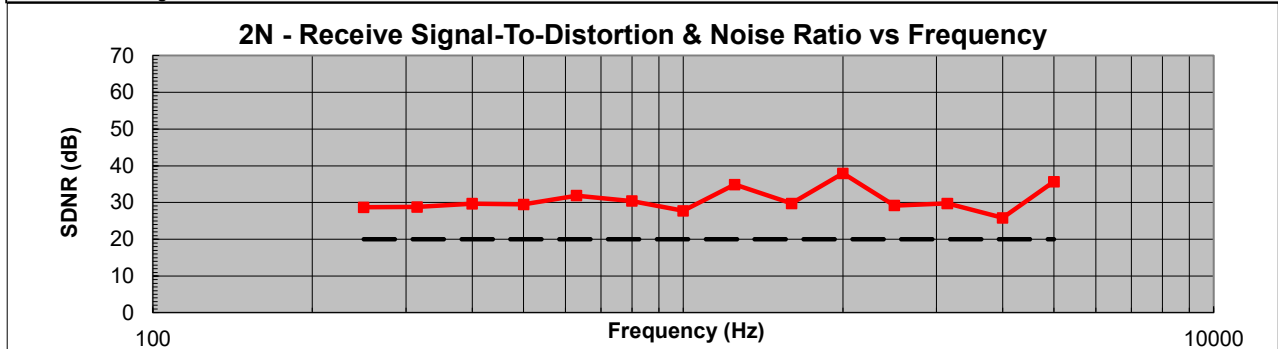
Device Under Test:	20250429_N48_WB_2N
Bandwidth	Wideband
Test Date:	2025-04-29

Receive Volume Control Performance

TIA-5050	Test	Measured	Limits	Result	Reference
Clause 5.1	Recv output level dB SPL 2N	85.71 dB	info only		
	Recv conversational gain 2N	15.71 dB	6.00	PASS	

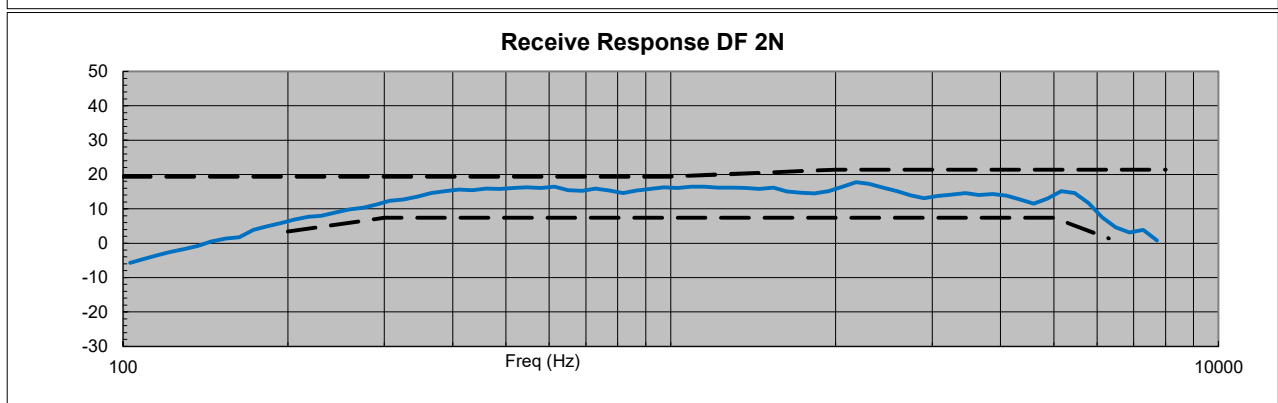
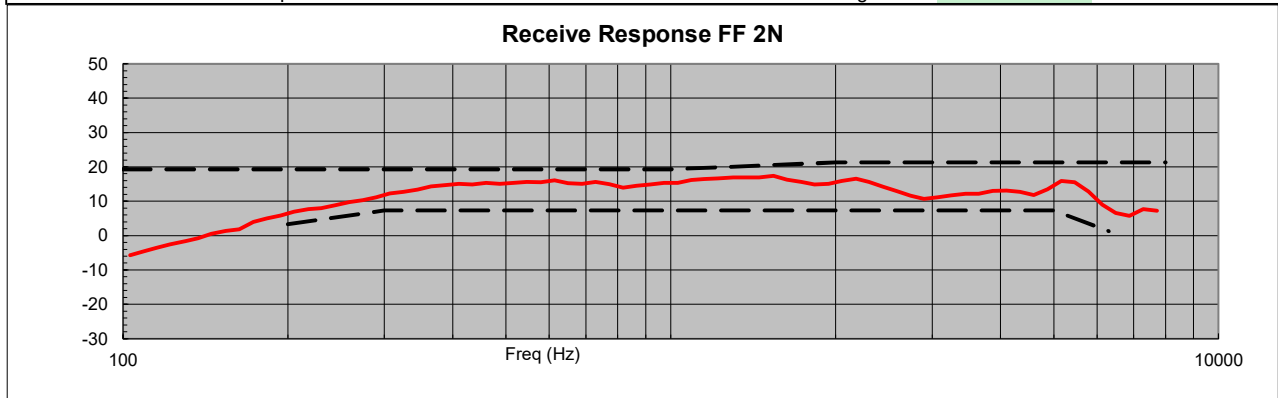
Receive Distortion and Noise Performance

TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.2	Recv PN-SDNR 2N	5.81 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	3.16 dB	Floating Limits	PASS	
	Recv resp DF 2N	3 dB	Floating Limits	PASS	



TIA-5050 Receive Volume Control Measurements - 2N

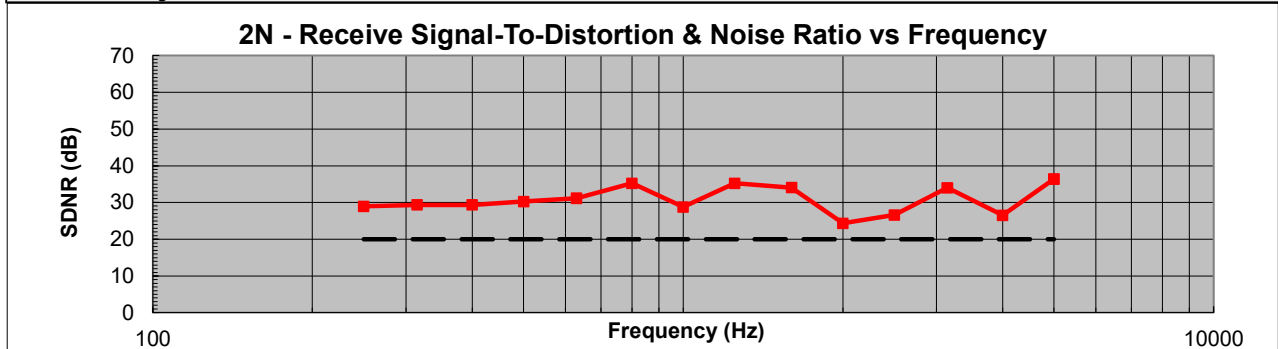
Device Under Test:	20250429_N77_WB_2N
Bandwidth	Wideband
Test Date:	2025-04-29

Receive Volume Control Performance

TIA-5050	Test	Measured	Limits	Result	Reference
Clause 5.1	Recv output level dB SPL 2N	85.75 dB	info only		
	Recv conversational gain 2N	15.75 dB	6.00	PASS	

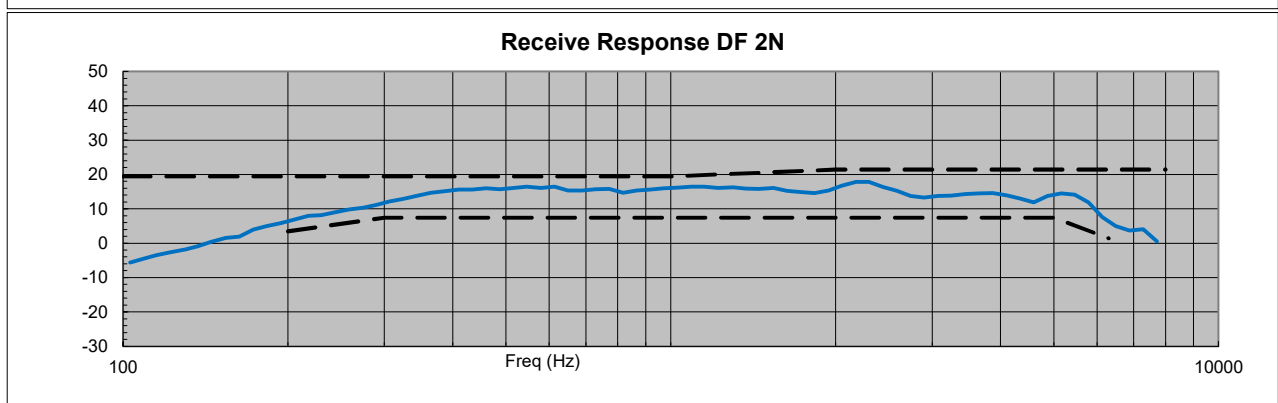
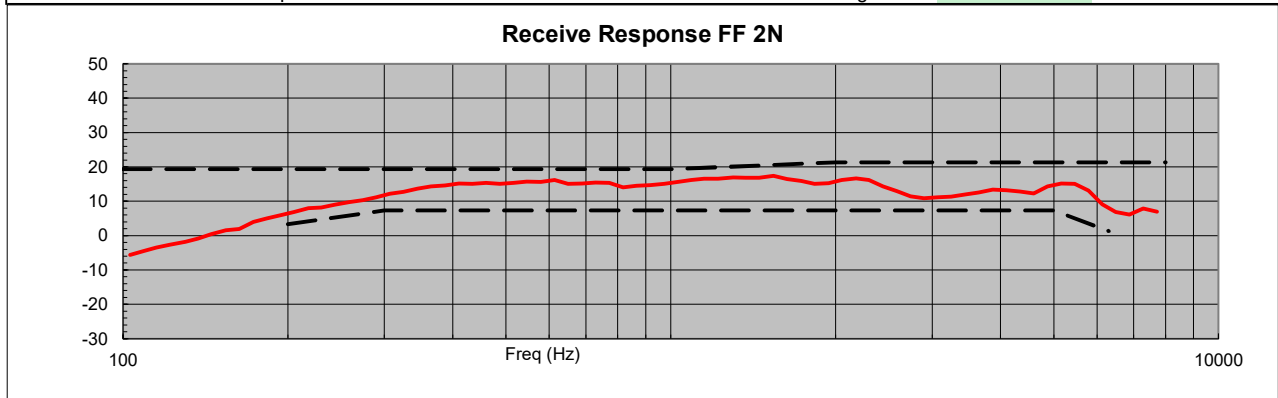
Receive Distortion and Noise Performance

TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.2	Recv PN-SDNR 2N	4.34 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	3.11 dB	Floating Limits	PASS	
	Recv resp DF 2N	3 dB	Floating Limits	PASS	



TIA-5050 Receive Volume Control Measurements - 2N

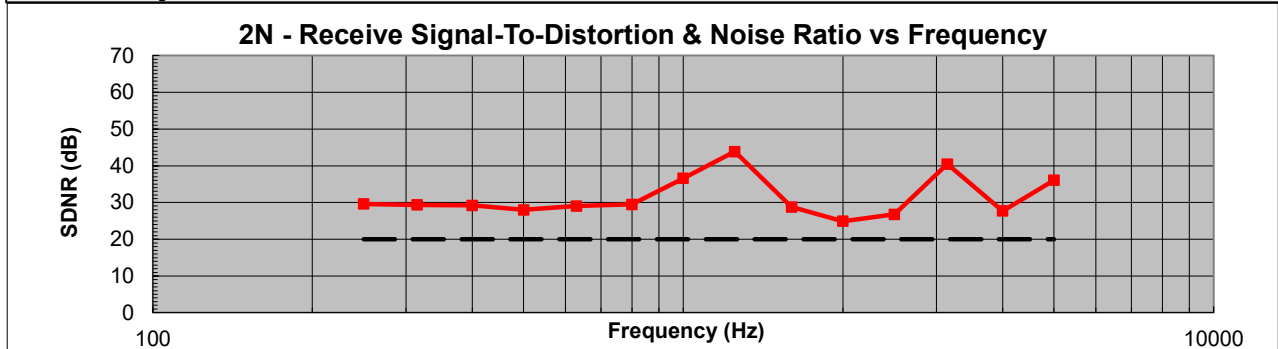
Device Under Test:	11b_Ant1_WB_2N
Bandwidth	Wideband
Test Date:	2025-05-03

Receive Volume Control Performance

TIA-5050	Test	Measured	Limits	Result	Reference
Clause 5.1	Recv output level dB SPL 2N	86.41 dB	info only		
	Recv conversational gain 2N	16.41 dB	6.00	PASS	

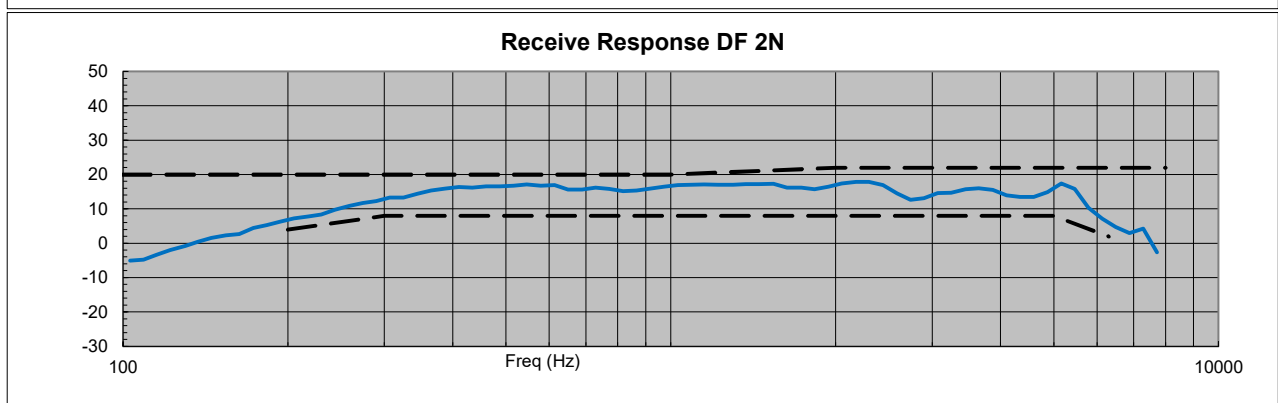
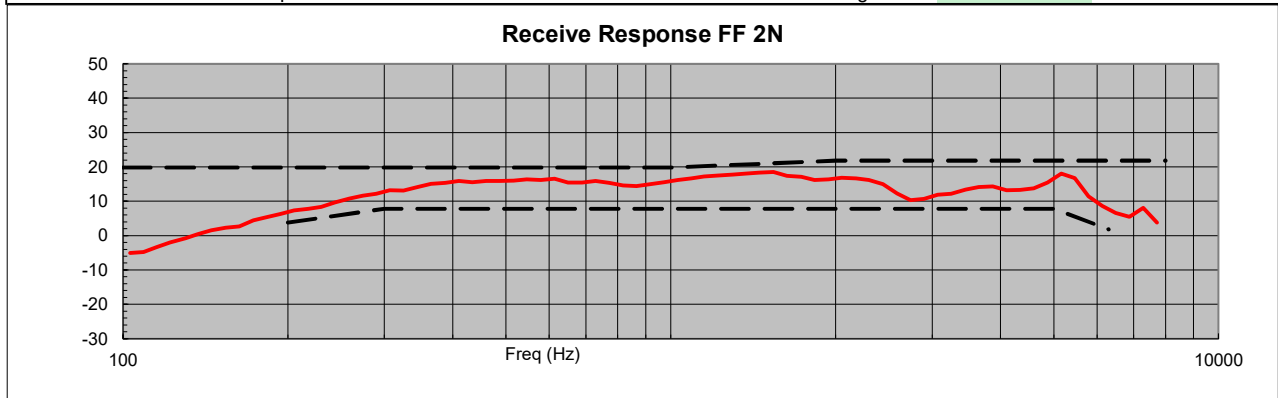
Receive Distortion and Noise Performance

TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.2	Recv PN-SDNR 2N	4.89 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	2.5 dB	Floating Limits	PASS	
	Recv resp DF 2N	2.8 dB	Floating Limits	PASS	



TIA-5050 Receive Volume Control Measurements - 2N

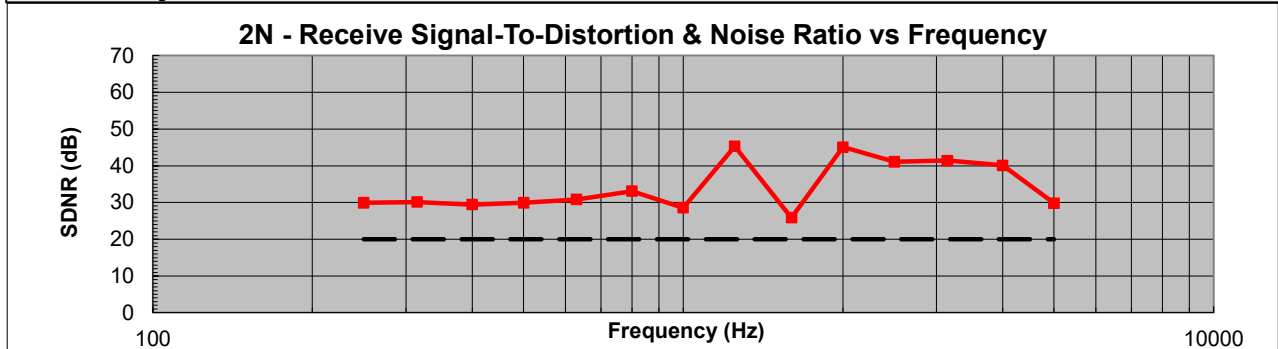
Device Under Test:	11a_Ant1_WB_2N
Bandwidth	Wideband
Test Date:	2025-05-01

Receive Volume Control Performance

TIA-5050	Test	Measured	Limits	Result	Reference
Clause 5.1	Recv output level dB SPL 2N	86.27 dB	info only		
	Recv conversational gain 2N	16.27 dB	6.00	PASS	

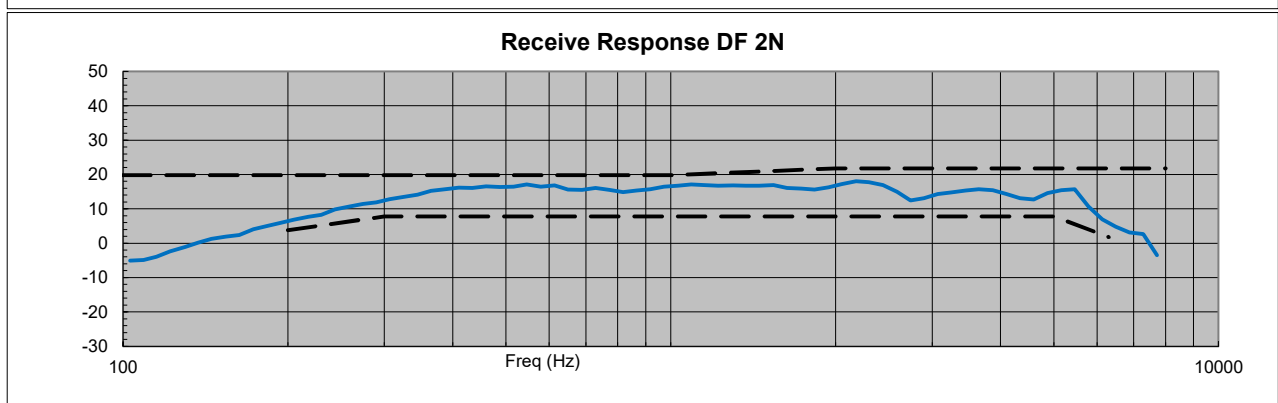
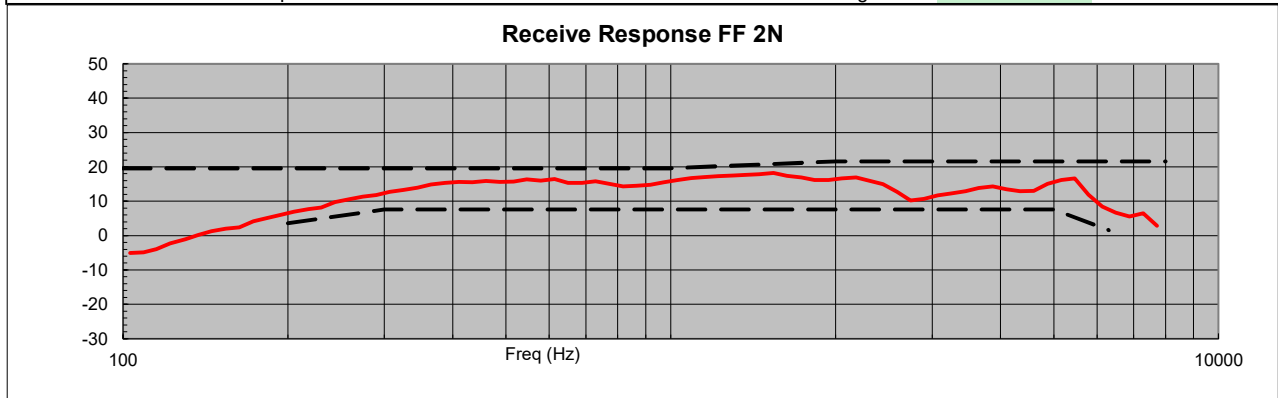
Receive Distortion and Noise Performance

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	2.59 dB	Floating Limits	PASS	
	Recv resp DF 2N	2.7 dB	Floating Limits	PASS	



TIA-5050 Receive Volume Control Measurements - 8N

Device Under Test:	20250418_L7_WB_8N
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Bandwidth	Wideband
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Test Date:	2025-04-18
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Receive Volume Control Performance

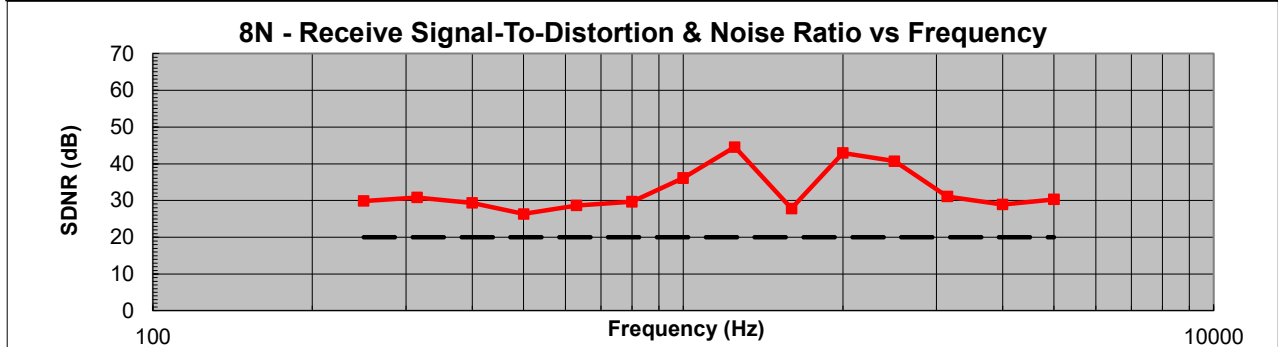
TIA-5050	Test	Measured	Limits	Result	Reference
Clause 5.1	Recv output level dB SPL 8N	88.95 dB	info only		
	Recv conversational gain 8N	18.95 dB	6.00	PASS	

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	

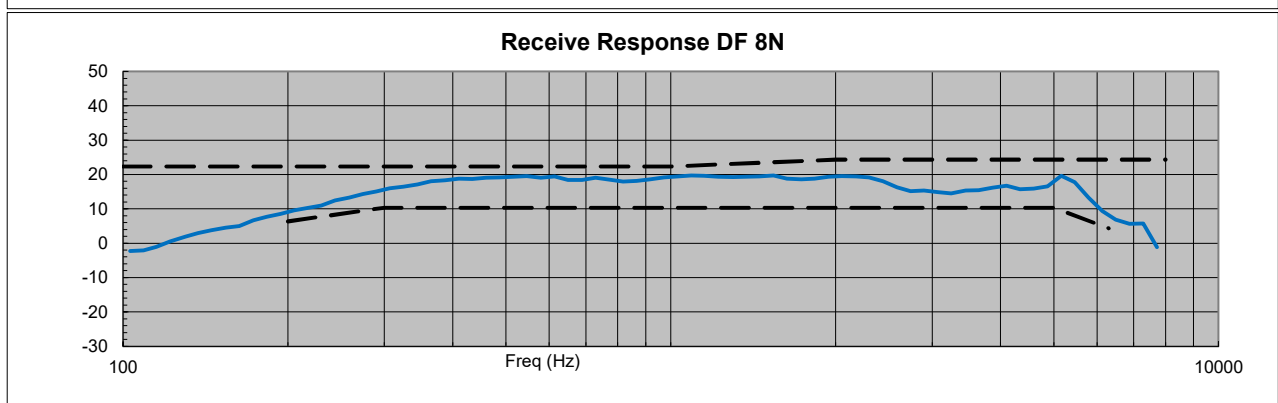
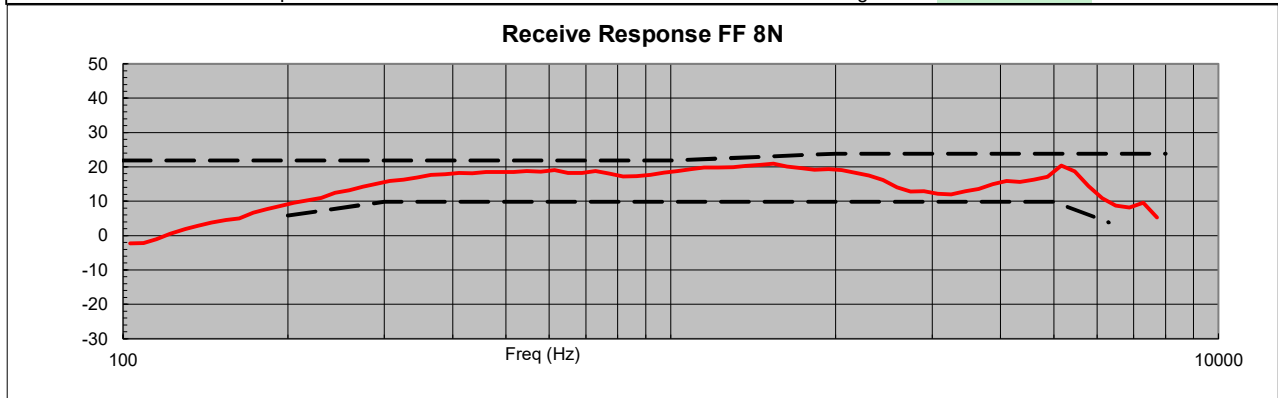
Note: SDNR includes noise and distortion products.

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	2.14 dB	Floating Limits	PASS	
	Recv resp DF 8N	2.8 dB	Floating Limits	PASS	



TIA-5050 Receive Volume Control Measurements - 8N

Device Under Test:	20250418_L12_WB_8N
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Bandwidth	Wideband
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Test Date:	2025-04-18
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Receive Volume Control Performance

TIA-5050	Test	Measured	Limits	Result	Reference
Clause 5.1	Recv output level dB SPL 8N	88.81 dB	info only		
	Recv conversational gain 8N	18.81 dB	6.00	PASS	

Receive Distortion and Noise Performance

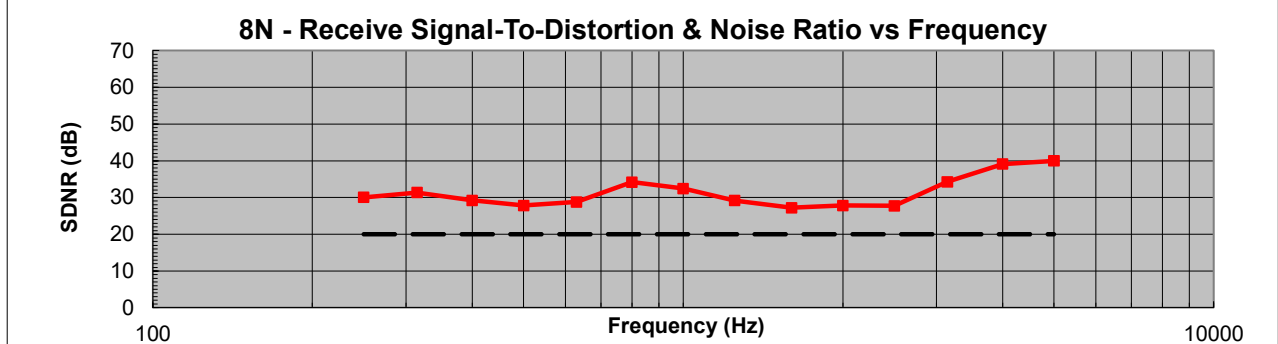
TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.2	Recv PN-SDNR 8N	7.2 dB	Absolute Limits	PASS	

Note: SDNR includes noise and distortion products.

Stimulus level -20 dBPa

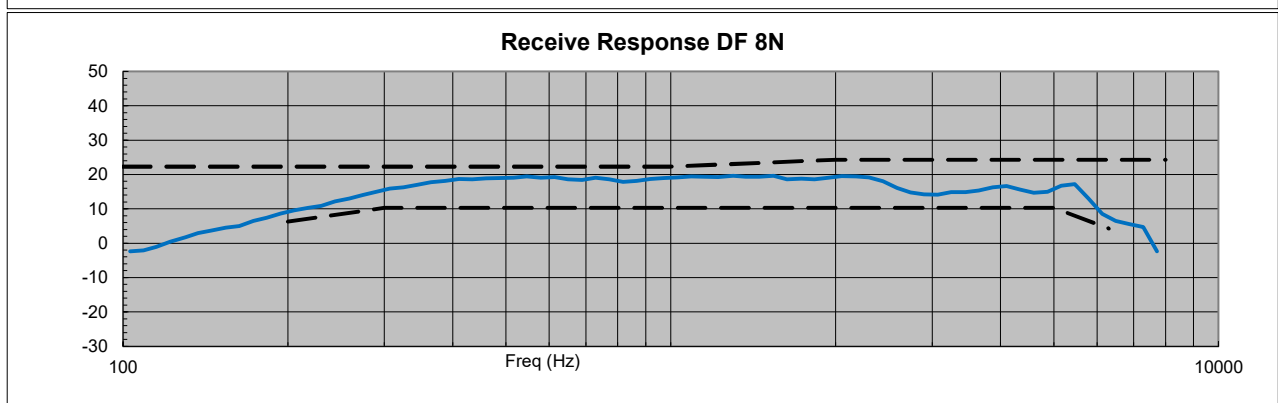
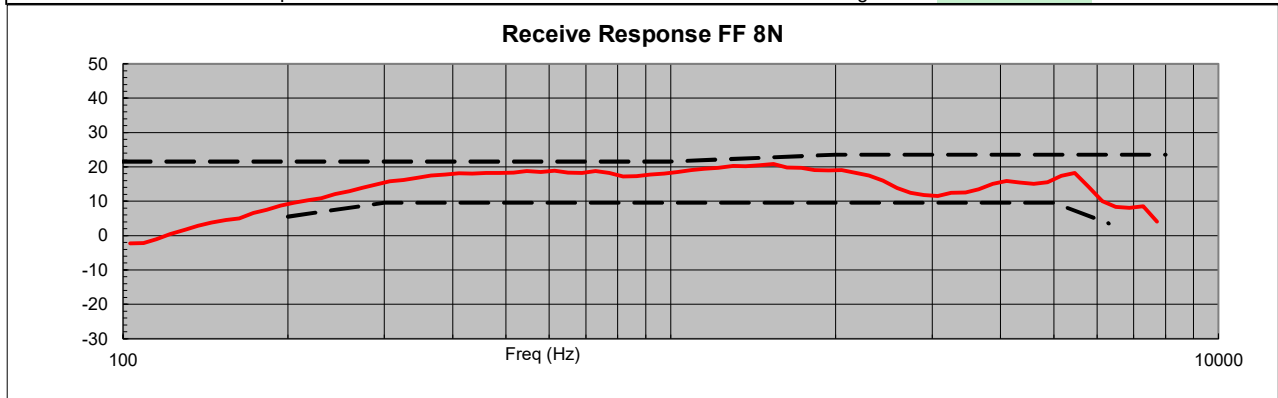
Sentence conditioning -20 dBPa

Short conditioning -20 dBPa



Receive Acoustic Frequency Response Performance

TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.3	Recv resp FF 8N	1.97 dB	Floating Limits	PASS	
	Recv resp DF 8N	2.9 dB	Floating Limits	PASS	



TIA-5050 Receive Volume Control Measurements - 8N

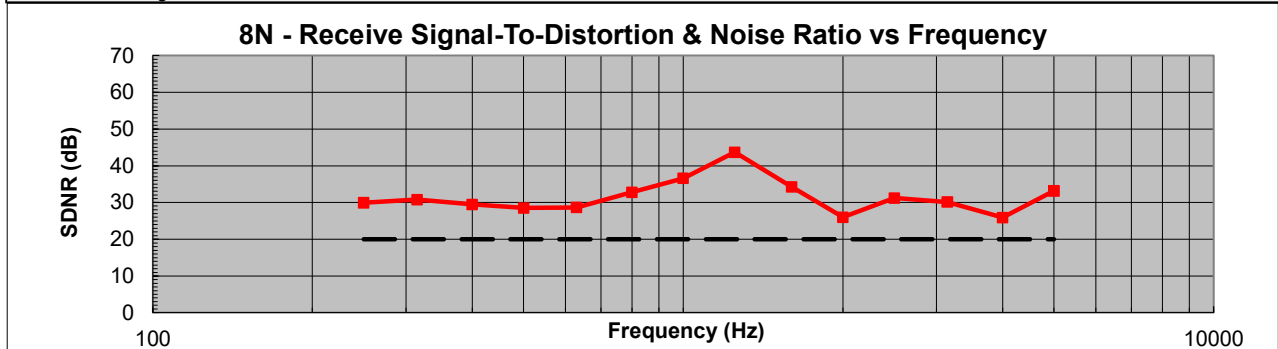
Device Under Test:	20250418_L13_WB_8N
Bandwidth	Wideband
Test Date:	2025-04-18

Receive Volume Control Performance

TIA-5050	Test	Measured	Limits	Result	Reference
Clause 5.1	Recv output level dB SPL 8N	88.86 dB	info only		
	Recv conversational gain 8N	18.86 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	2.03 dB	Floating Limits	PASS	
	Recv resp DF 8N	2.7 dB	Floating Limits	PASS	

