

TIA-5050 Receive Volume Control Measurements - 2N

Device Under Test:	20240923_L2_WB_2N
Bandwidth	Wideband
Test Date:	2024-09-23

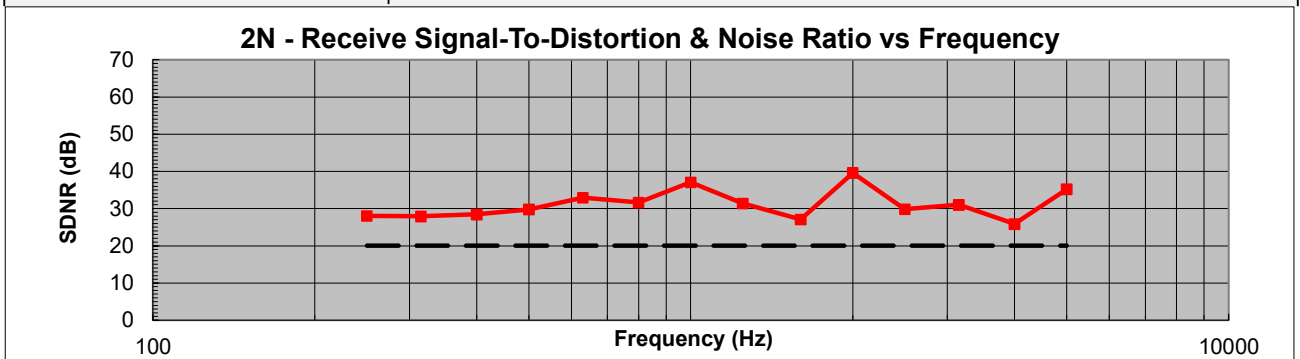
Receive Volume Control Performance

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

Receive Distortion and Noise Performance

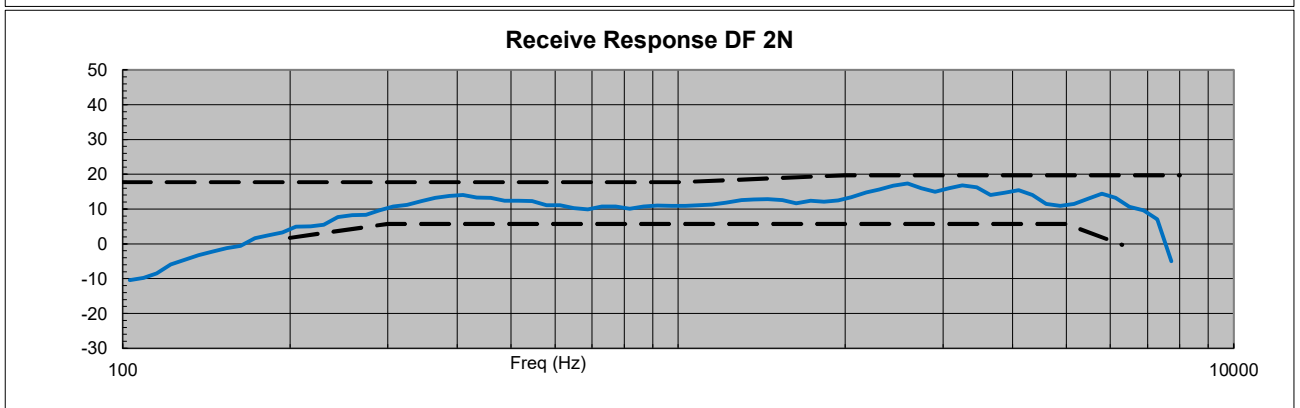
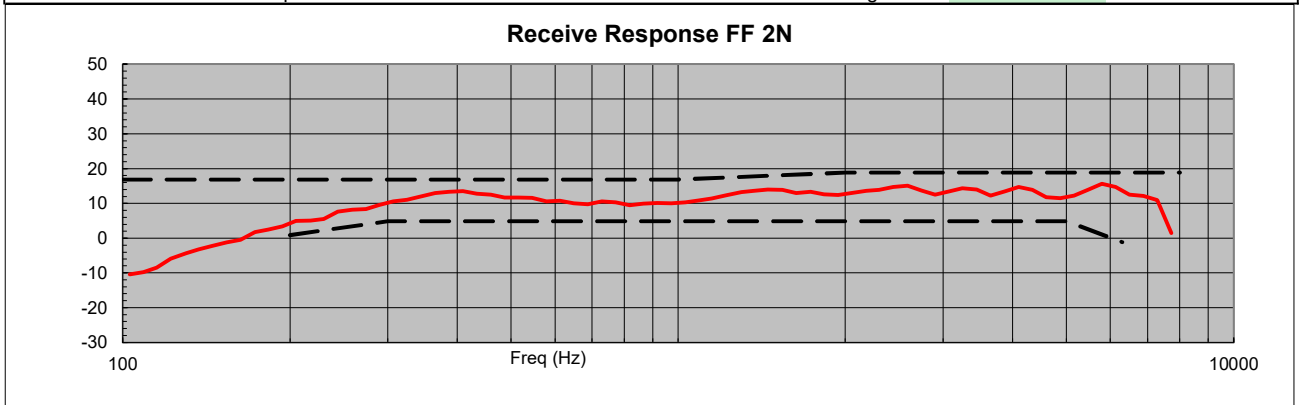
TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.2	Recv PN-SDNR 2N	5.86 dB	Absolute Limits	PASS	

Note: SDNR includes noise and distortion products.



Receive Acoustic Frequency Response Performance

TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.3	Recv resp FF 2N	3.23 dB	Floating Limits	PASS	
	Recv resp DF 2N	2.4 dB	Floating Limits	PASS	



TIA-5050 Receive Volume Control Measurements - 2N

Device Under Test:	20240923_L4_WB_2N
Bandwidth	Wideband
Test Date:	2024-09-23

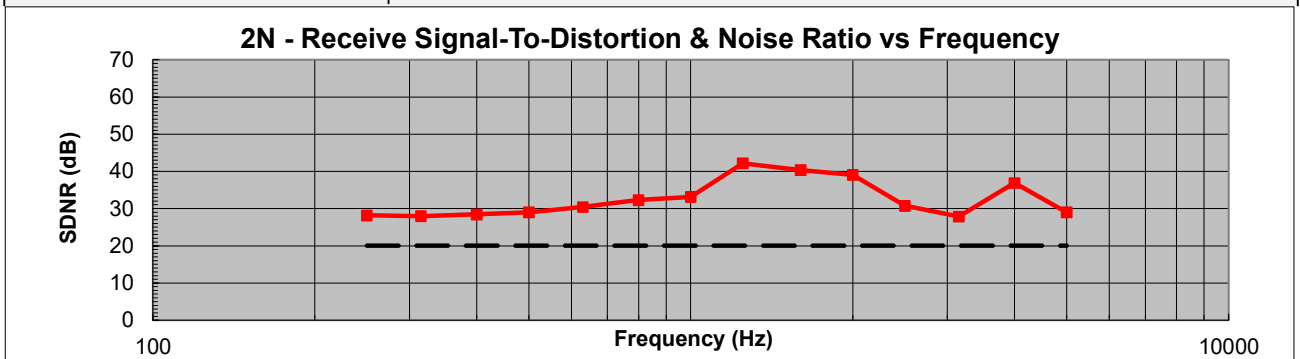
Receive Volume Control Performance

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

Receive Distortion and Noise Performance

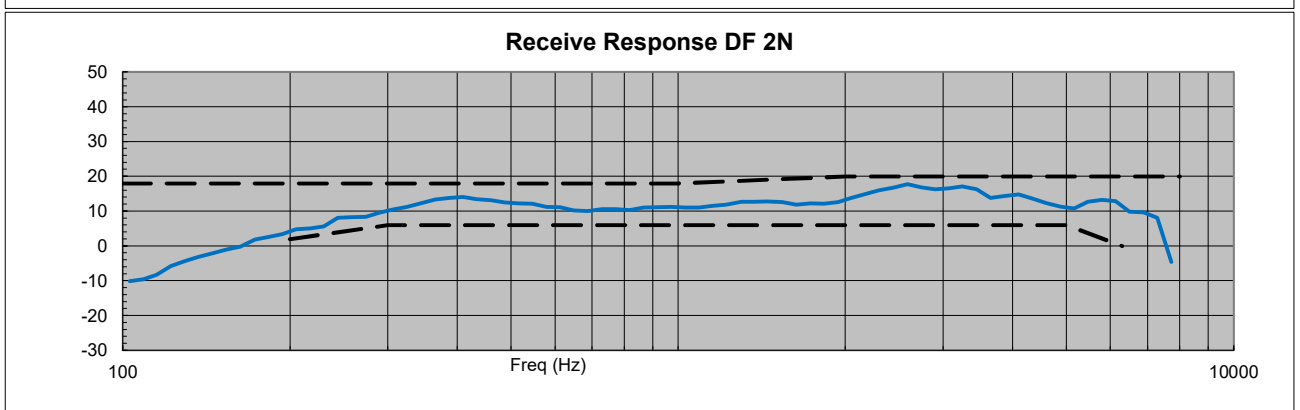
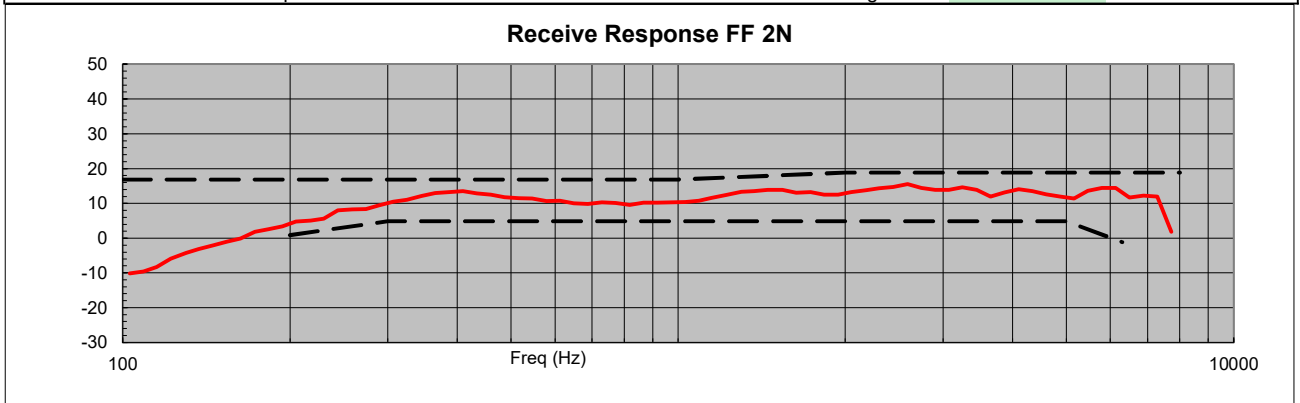
TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.2	Recv PN-SDNR 2N	7.87 dB	Absolute Limits	PASS	

Note: SDNR includes noise and distortion products.



Receive Acoustic Frequency Response Performance

TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.3	Recv resp FF 2N	3.34 dB	Floating Limits	PASS	
	Recv resp DF 2N	2.2 dB	Floating Limits	PASS	



TIA-5050 Receive Volume Control Measurements - 2N

Device Under Test:	20240923_L5_WB_2N
Bandwidth	Wideband
Test Date:	2024-09-23

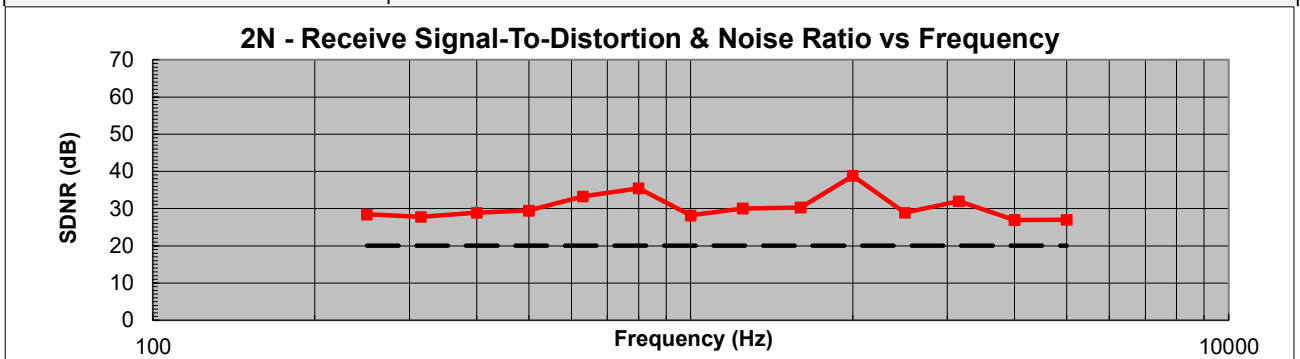
Receive Volume Control Performance

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

Receive Distortion and Noise Performance

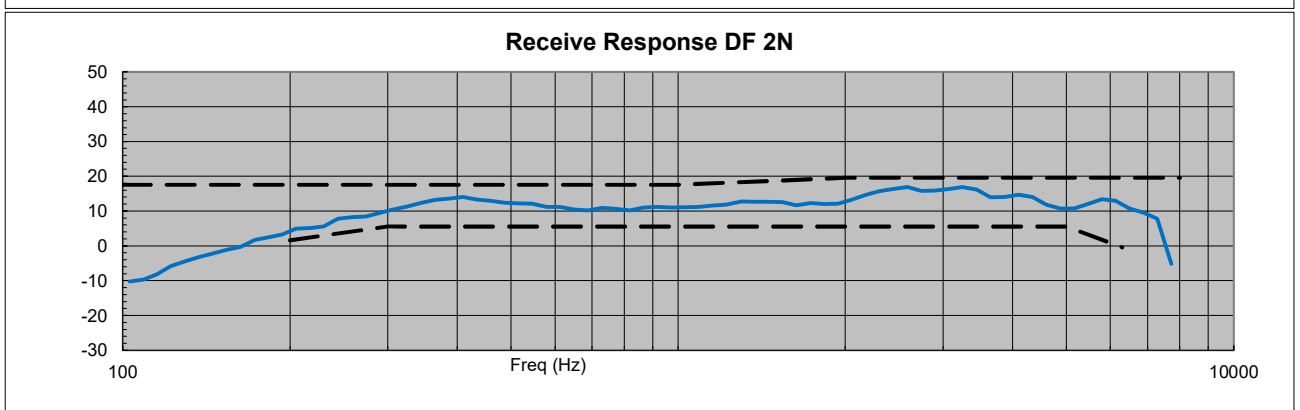
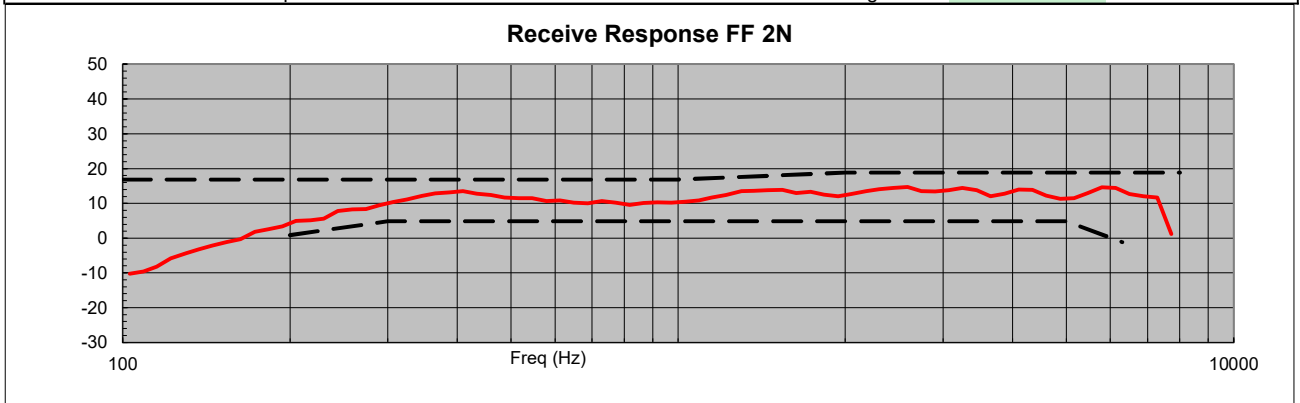
TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.2	Recv PN-SDNR 2N	6.92 dB	Absolute Limits	PASS	

Note: SDNR includes noise and distortion products.



Receive Acoustic Frequency Response Performance

TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.3	Recv resp FF 2N	3.37 dB	Floating Limits	PASS	
	Recv resp DF 2N	2.6 dB	Floating Limits	PASS	



TIA-5050 Receive Volume Control Measurements - 2N

Device Under Test:	20240923_L7_WB_2N
Bandwidth	Wideband
Test Date:	2024-09-23

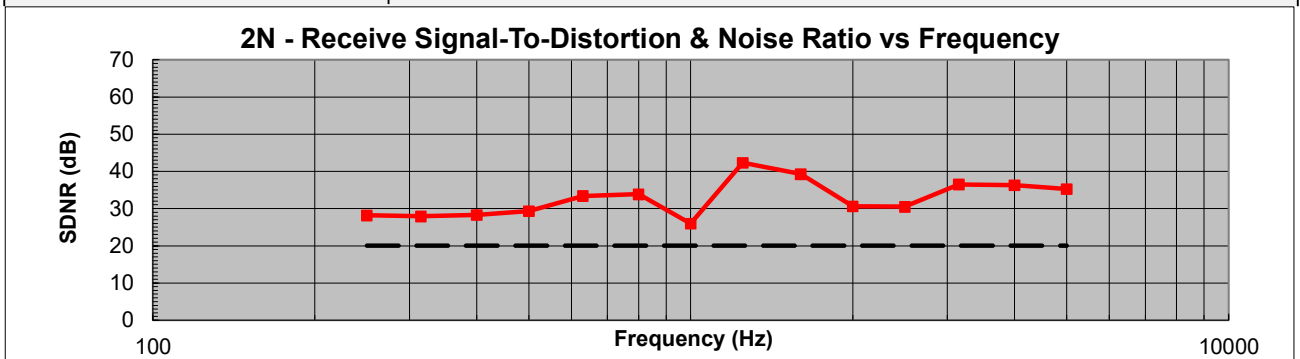
Receive Volume Control Performance

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

Receive Distortion and Noise Performance

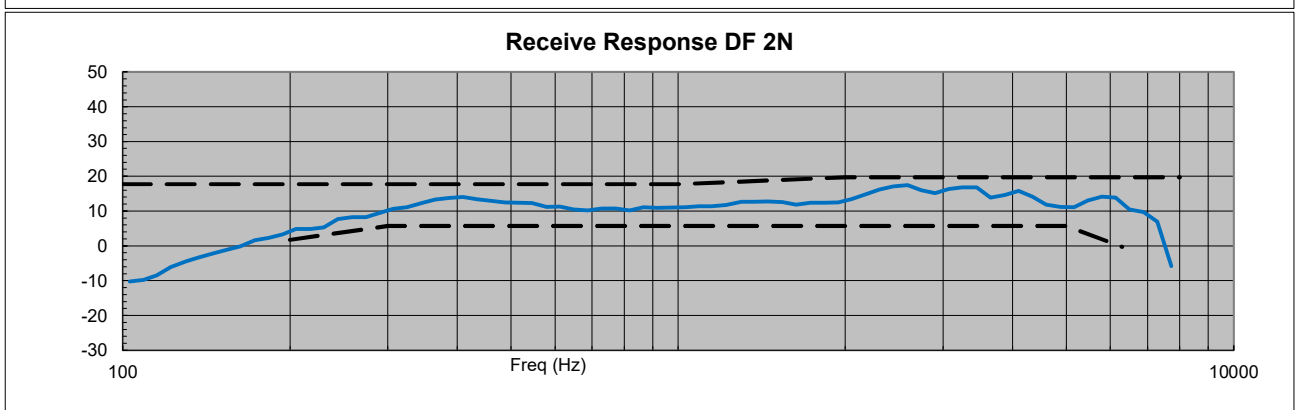
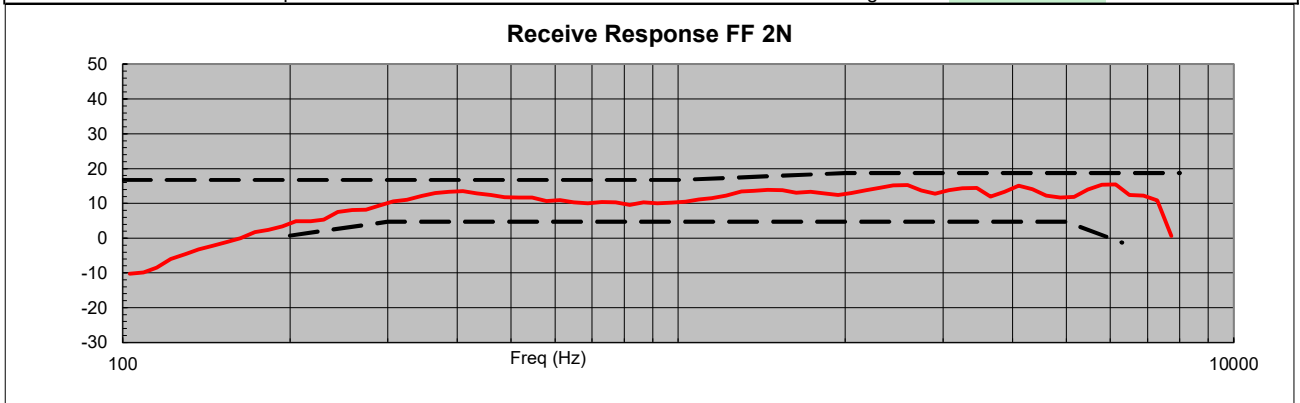
TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.2	Recv PN-SDNR 2N	5.97 dB	Absolute Limits	PASS	

Note: SDNR includes noise and distortion products.



Receive Acoustic Frequency Response Performance

TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.3	Recv resp FF 2N	3.21 dB	Floating Limits	PASS	
	Recv resp DF 2N	2.2 dB	Floating Limits	PASS	



TIA-5050 Receive Volume Control Measurements - 2N

Device Under Test:	20240923_L12_WB_2N
Bandwidth	Wideband
Test Date:	2024-09-23

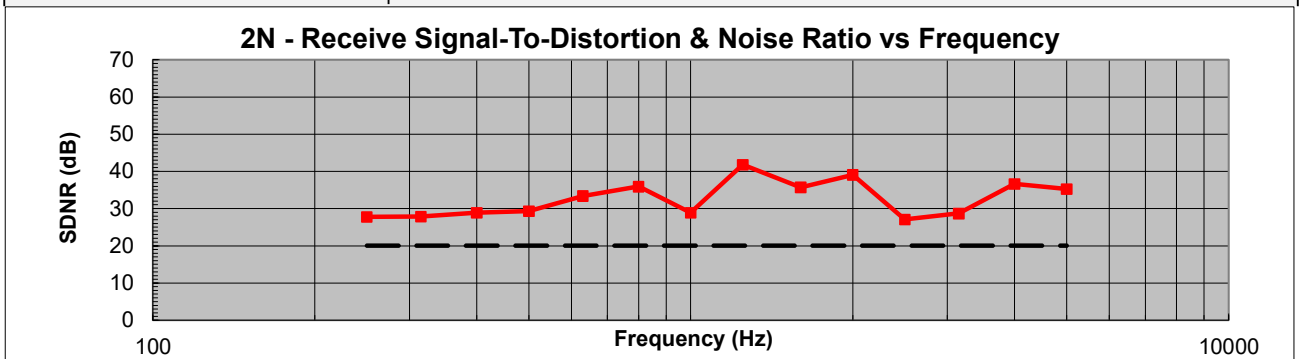
Receive Volume Control Performance

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

Receive Distortion and Noise Performance

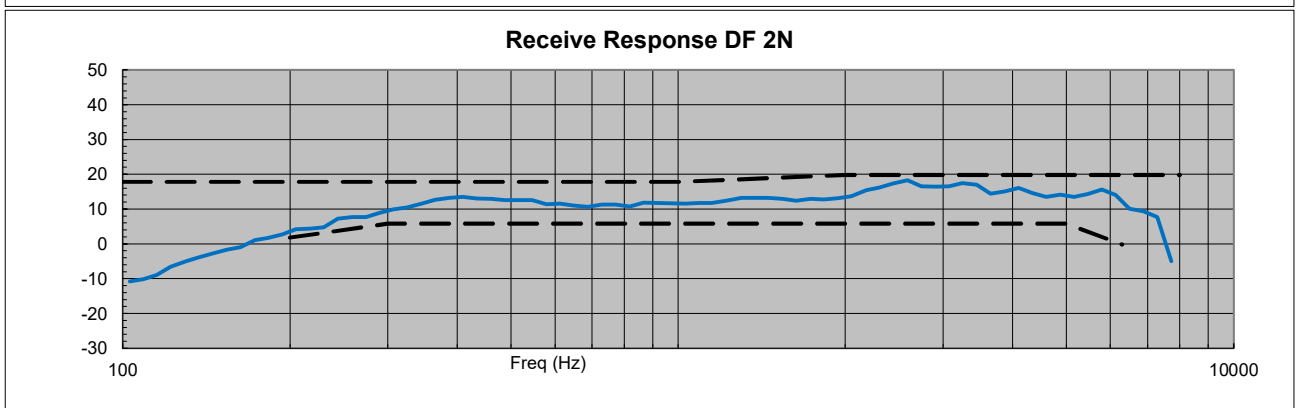
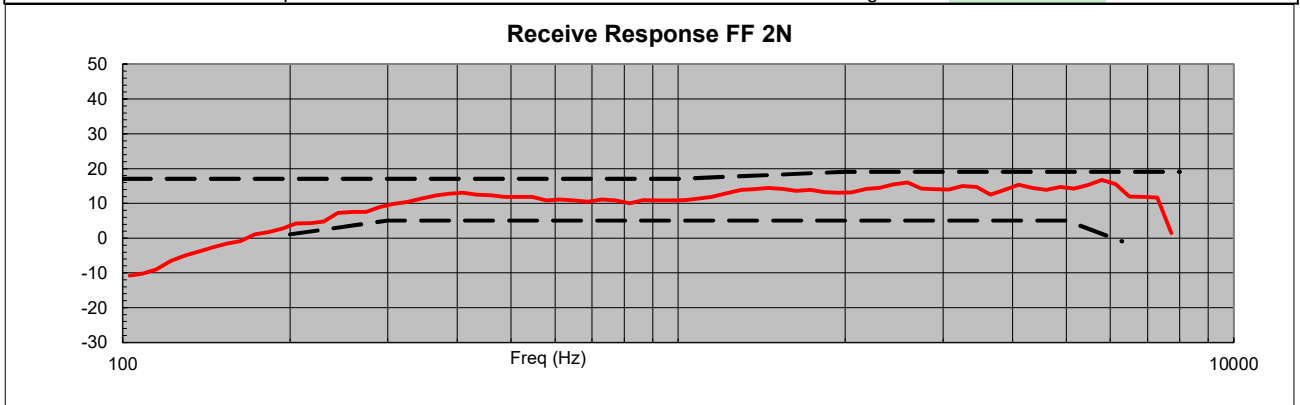
TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.2	Recv PN-SDNR 2N	7.08 dB	Absolute Limits	PASS	

Note: SDNR includes noise and distortion products.



Receive Acoustic Frequency Response Performance

TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.3	Recv resp FF 2N	2.29 dB	Floating Limits	PASS	
	Recv resp DF 2N	1.6 dB	Floating Limits	PASS	



TIA-5050 Receive Volume Control Measurements - 2N

Device Under Test:	20240923_L13_WB_2N
Bandwidth	Wideband
Test Date:	2024-09-23

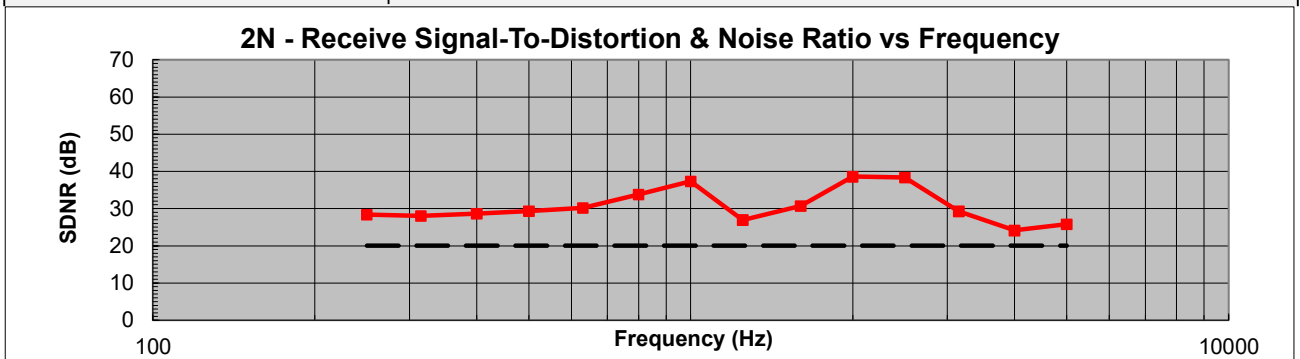
Receive Volume Control Performance

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

Receive Distortion and Noise Performance

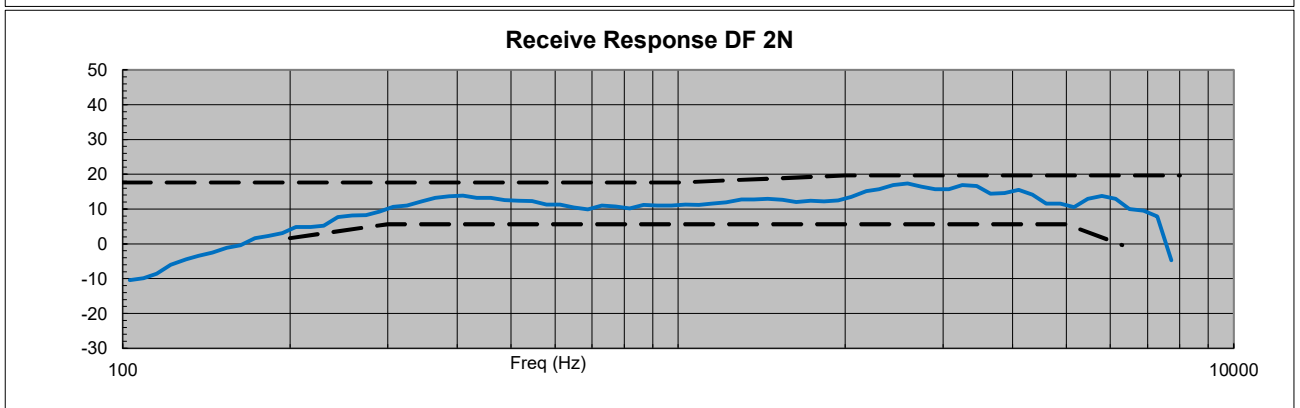
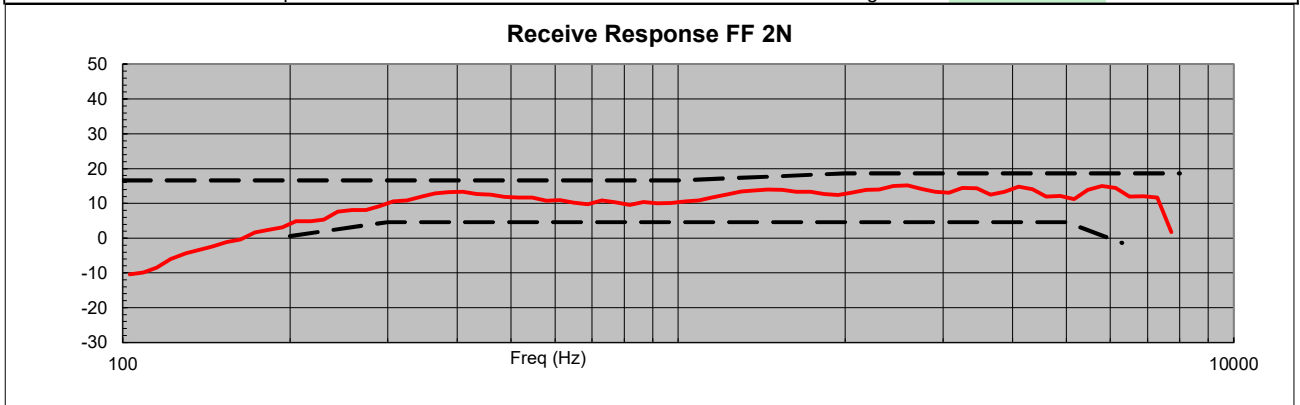
TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.2	Recv PN-SDNR 2N	4.14 dB	Absolute Limits	PASS	

Note: SDNR includes noise and distortion products.



Receive Acoustic Frequency Response Performance

TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.3	Recv resp FF 2N	3.27 dB	Floating Limits	PASS	
	Recv resp DF 2N	2.2 dB	Floating Limits	PASS	



TIA-5050 Receive Volume Control Measurements - 2N

Device Under Test:	20240923_L14_WB_2N
Bandwidth	Wideband
Test Date:	2024-09-23

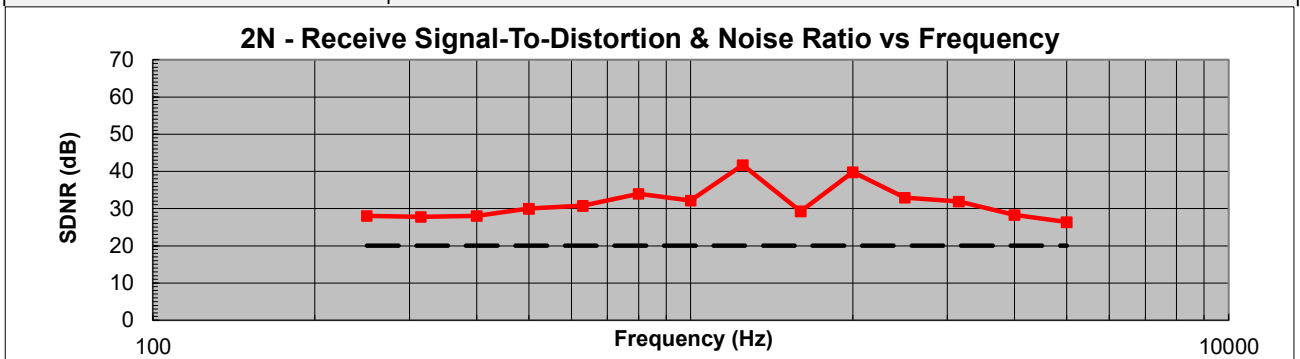
Receive Volume Control Performance

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

Receive Distortion and Noise Performance

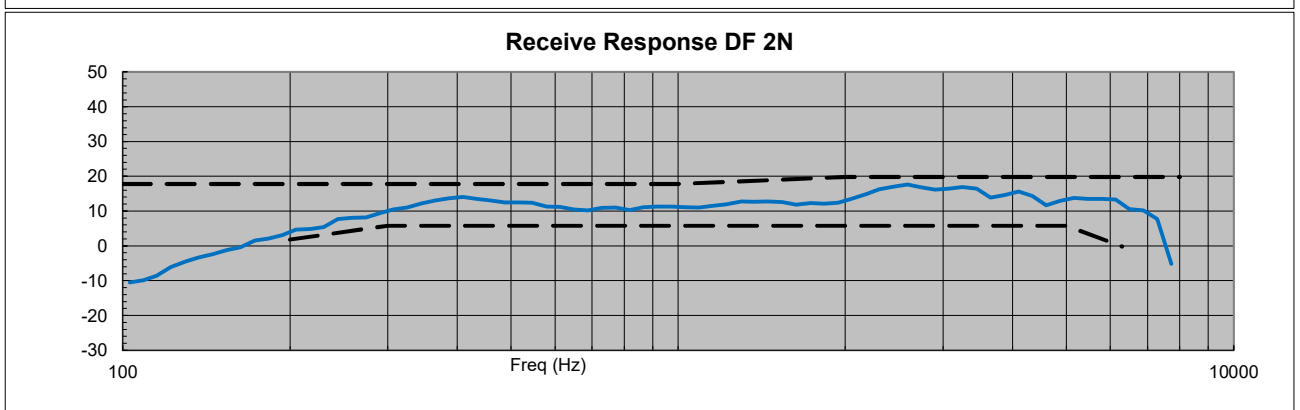
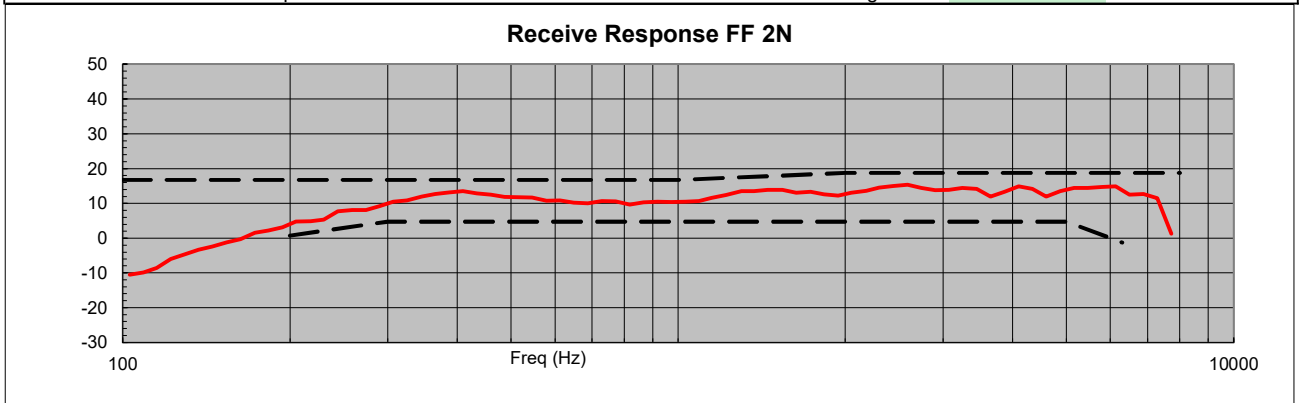
TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.2	Recv PN-SDNR 2N	6.38 dB	Absolute Limits	PASS	

Note: SDNR includes noise and distortion products.



Receive Acoustic Frequency Response Performance

TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.3	Recv resp FF 2N	3.27 dB	Floating Limits	PASS	
	Recv resp DF 2N	2.2 dB	Floating Limits	PASS	



TIA-5050 Receive Volume Control Measurements - 2N

Device Under Test:	20240923_L25_WB_2N
Bandwidth	Wideband
Test Date:	2024-09-23

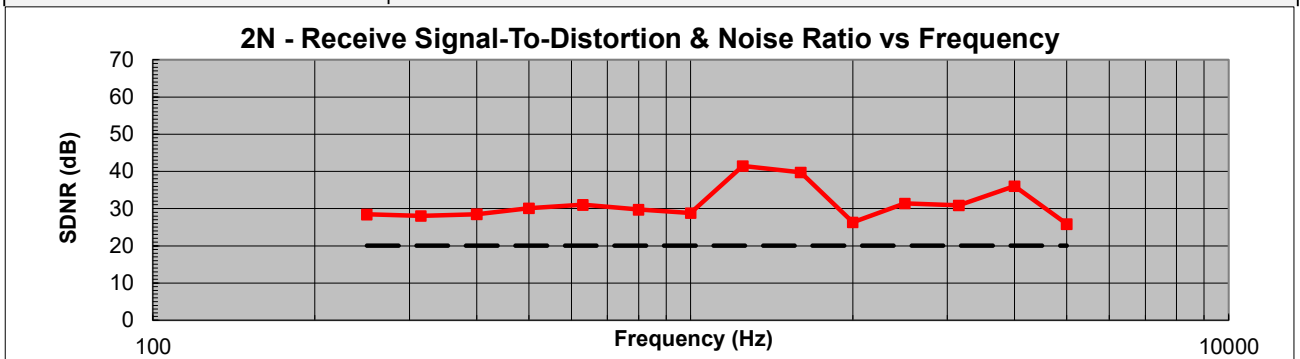
Receive Volume Control Performance

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

Receive Distortion and Noise Performance

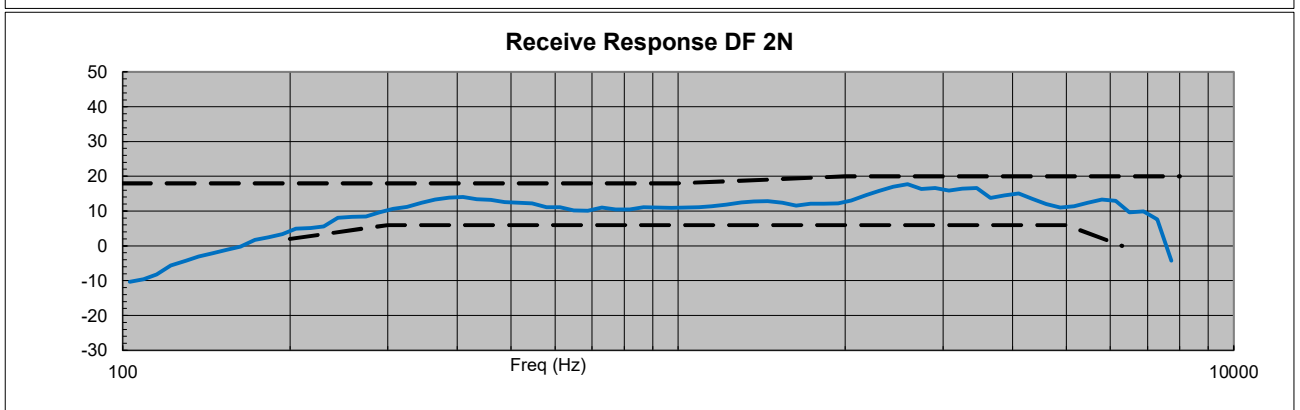
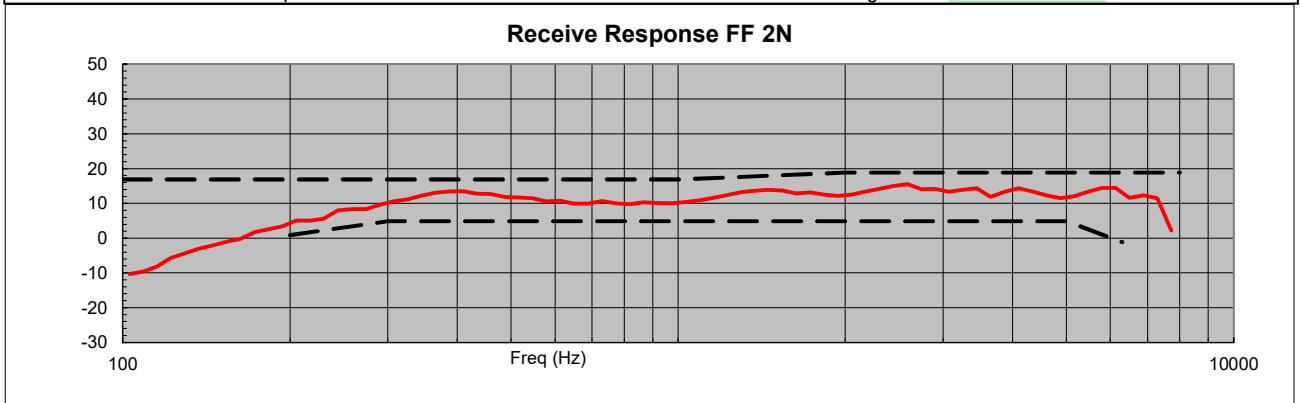
TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.2	Recv PN-SDNR 2N	5.86 dB	Absolute Limits	PASS	

Note: SDNR includes noise and distortion products.



Receive Acoustic Frequency Response Performance

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



TIA-5050 Receive Volume Control Measurements - 2N

Device Under Test:	20240923_L26_WB_2N
Bandwidth	Wideband
Test Date:	2024-09-23

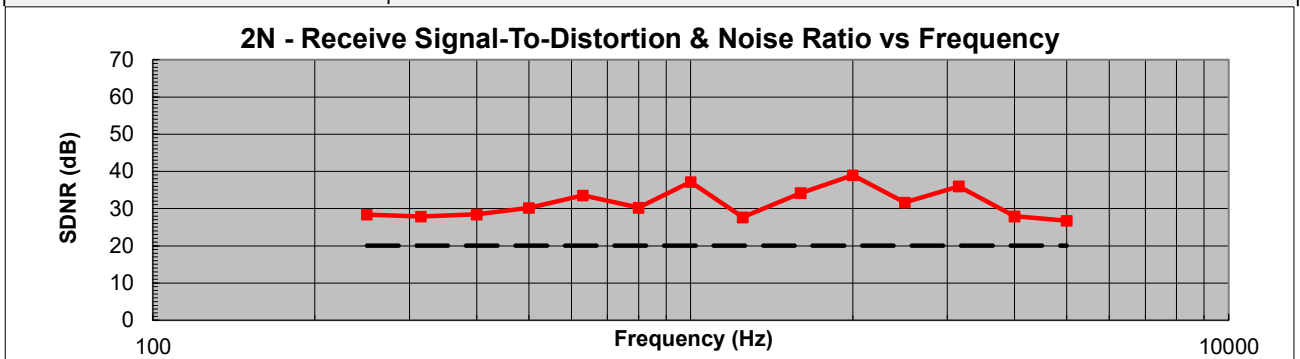
Receive Volume Control Performance

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

Receive Distortion and Noise Performance

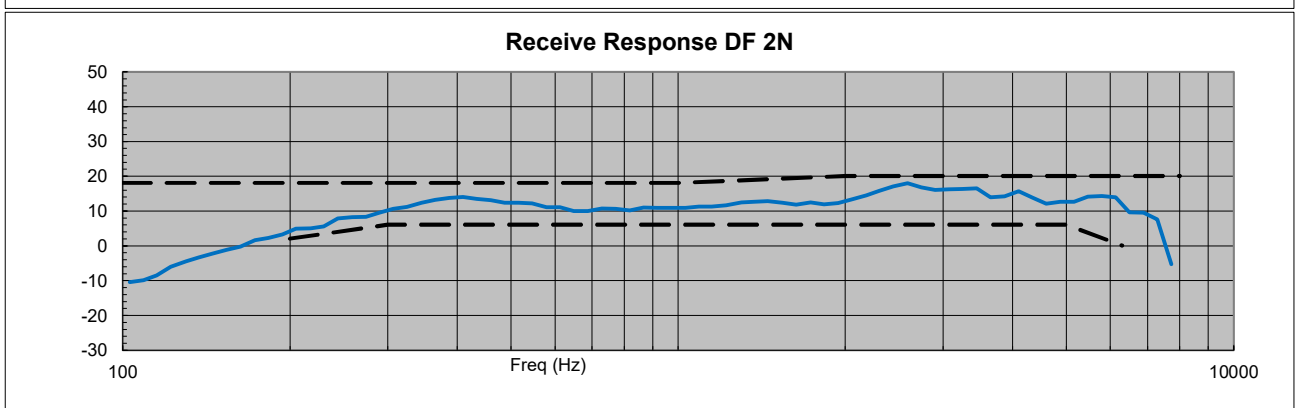
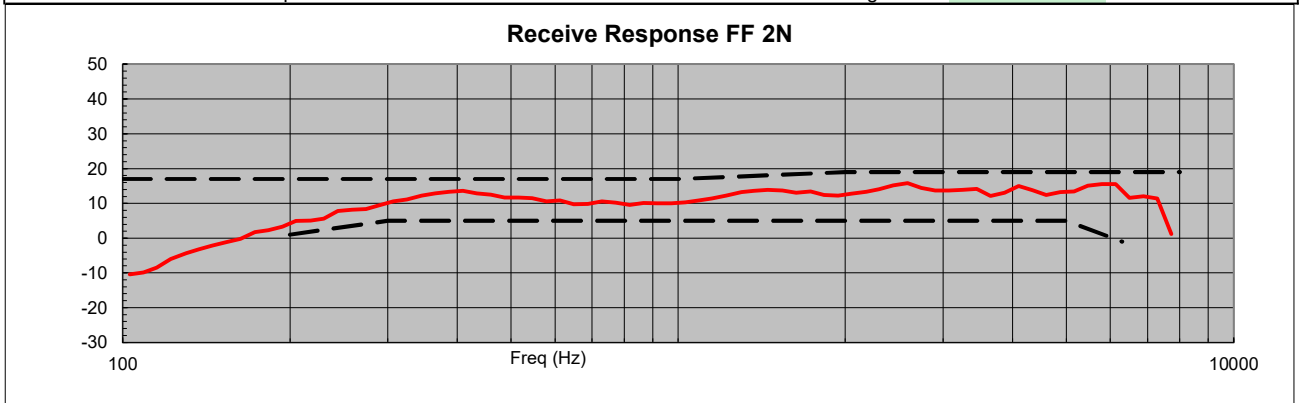
TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.2	Recv PN-SDNR 2N	6.74 dB	Absolute Limits	PASS	

Note: SDNR includes noise and distortion products.



Receive Acoustic Frequency Response Performance

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



TIA-5050 Receive Volume Control Measurements - 2N

Device Under Test:	20240923_L30_WB_2N
Bandwidth	Wideband
Test Date:	2024-09-23

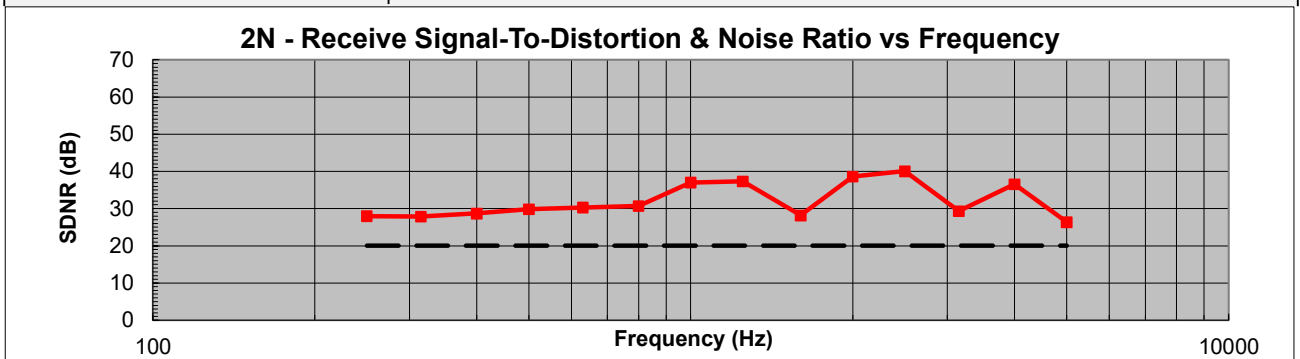
Receive Volume Control Performance

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

Receive Distortion and Noise Performance

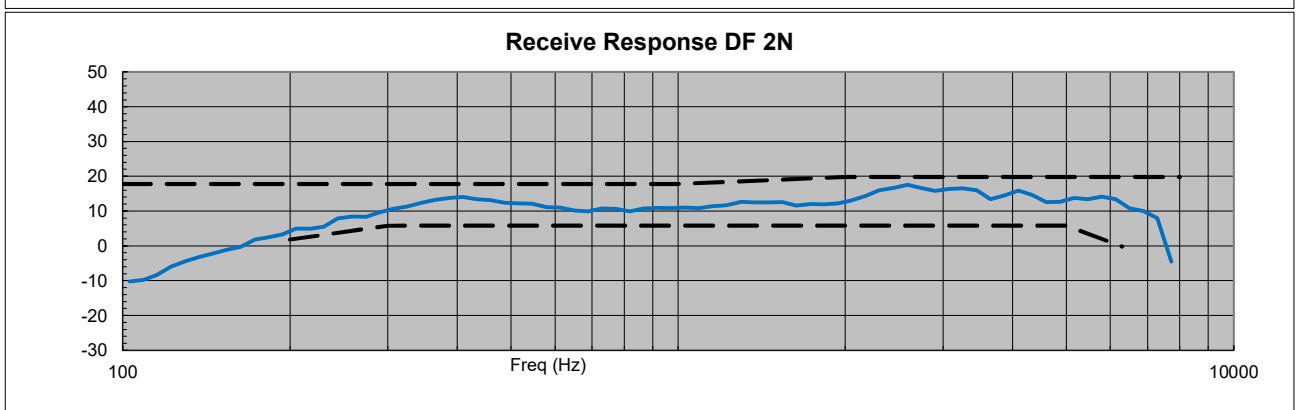
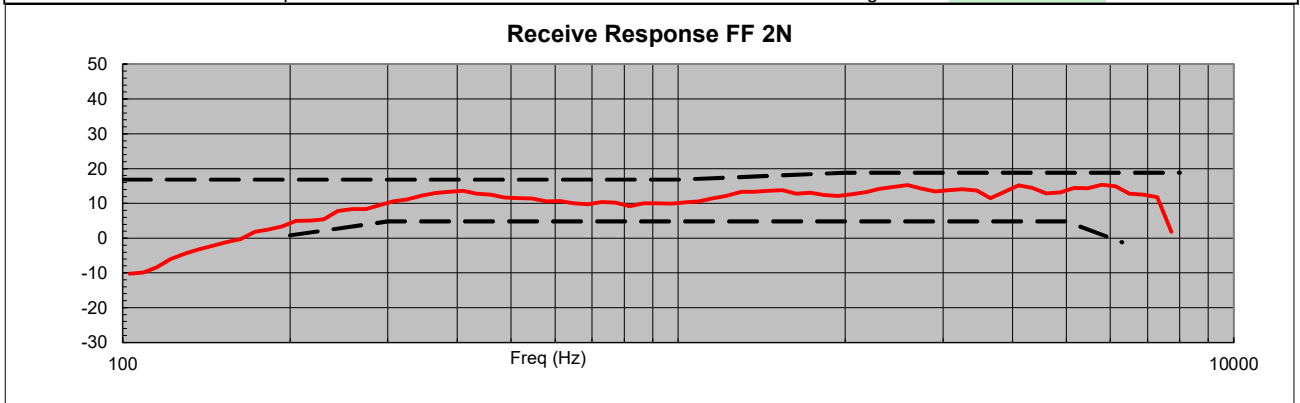
TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.2	Recv PN-SDNR 2N	6.39 dB	Absolute Limits	PASS	

Note: SDNR includes noise and distortion products.



Receive Acoustic Frequency Response Performance

TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.3	Recv resp FF 2N	3.26 dB	Floating Limits	PASS	
	Recv resp DF 2N	2.3 dB	Floating Limits	PASS	



TIA-5050 Receive Volume Control Measurements - 2N

Device Under Test:	20240923_L66_WB_2N
Bandwidth	Wideband
Test Date:	2024-09-23

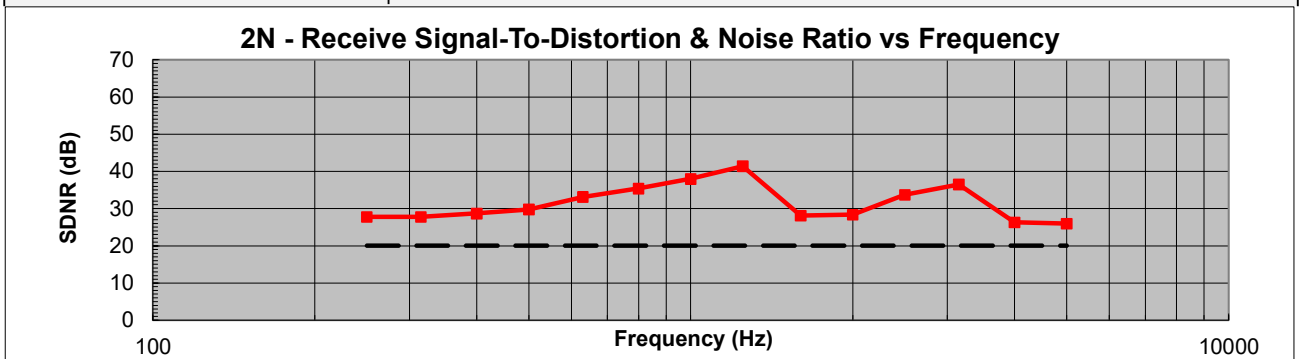
Receive Volume Control Performance

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

Receive Distortion and Noise Performance

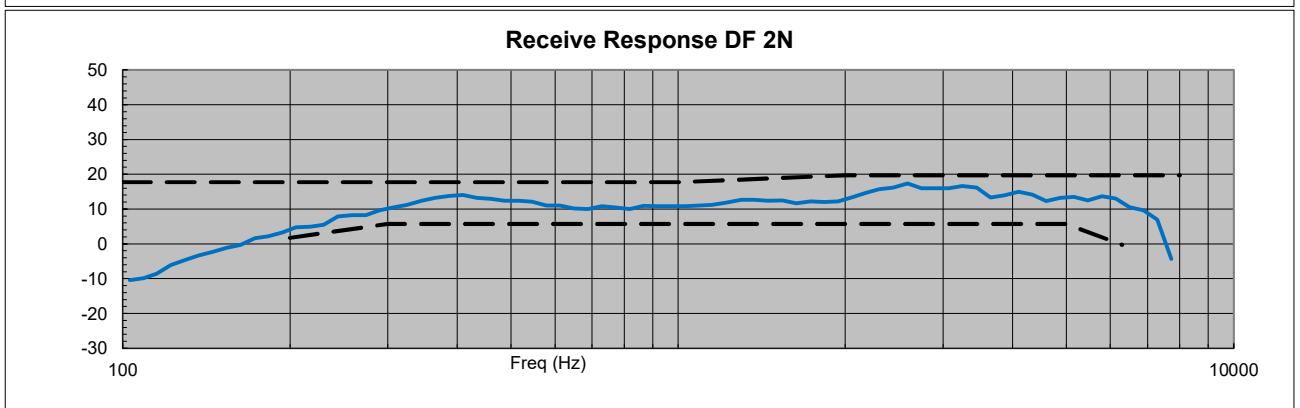
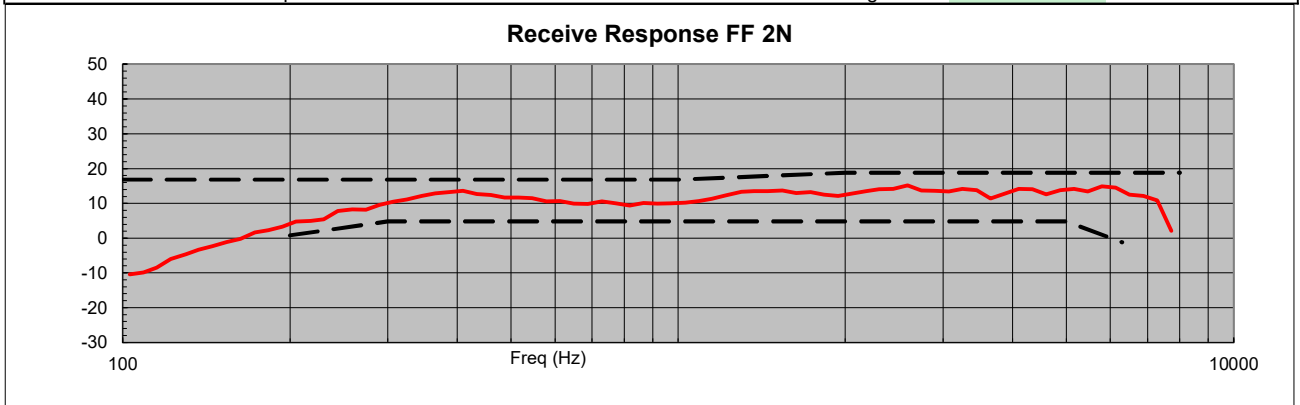
TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.2	Recv PN-SDNR 2N	5.98 dB	Absolute Limits	PASS	

Note: SDNR includes noise and distortion products.



Receive Acoustic Frequency Response Performance

TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.3	Recv resp FF 2N	3.25 dB	Floating Limits	PASS	
	Recv resp DF 2N	2.3 dB	Floating Limits	PASS	



TIA-5050 Receive Volume Control Measurements - 2N

Device Under Test:	20240923_L71_WB_2N
Bandwidth	Wideband
Test Date:	2024-09-23

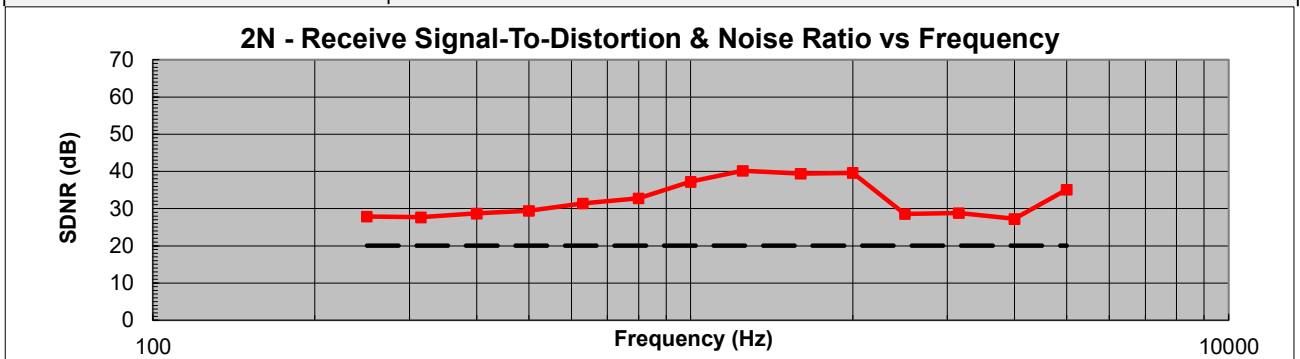
Receive Volume Control Performance

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

Receive Distortion and Noise Performance

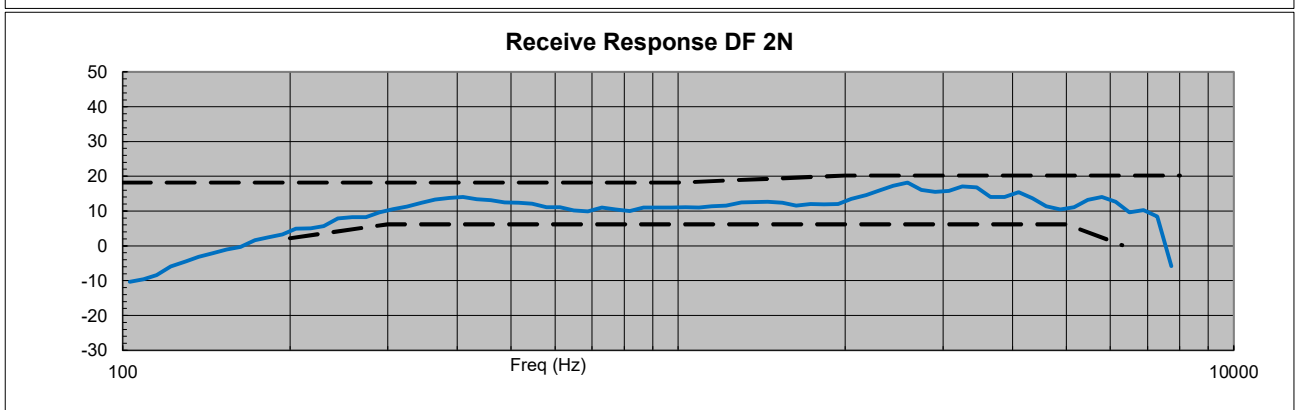
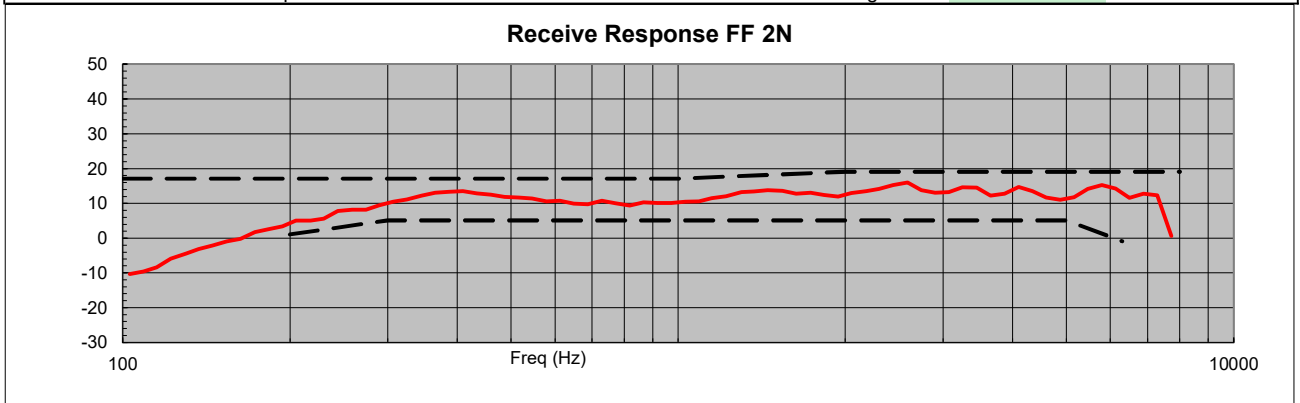
TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.2	Recv PN-SDNR 2N	7.23 dB	Absolute Limits	PASS	

Note: SDNR includes noise and distortion products.



Receive Acoustic Frequency Response Performance

TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.3	Recv resp FF 2N	3.13 dB	Floating Limits	PASS	
	Recv resp DF 2N	2 dB	Floating Limits	PASS	



TIA-5050 Receive Volume Control Measurements - 2N

Device Under Test:	20240924_L38_WB_2N
Bandwidth	Wideband
Test Date:	2024-09-24

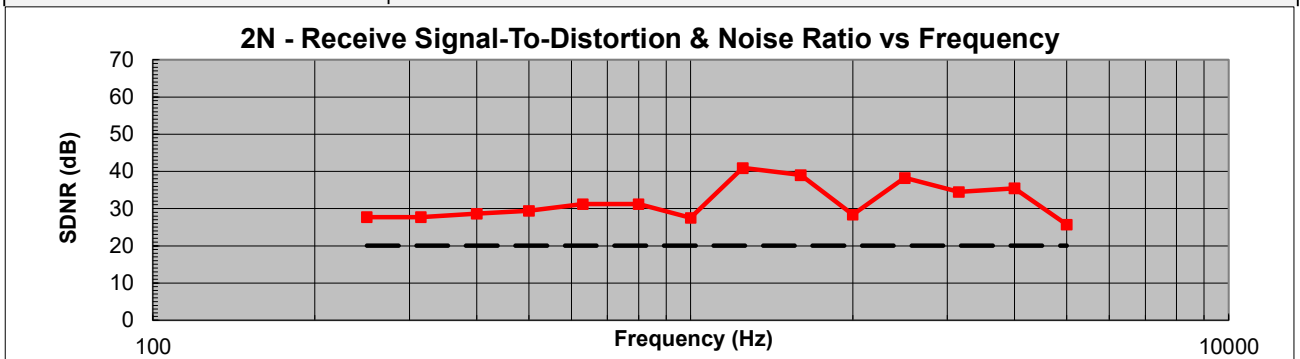
Receive Volume Control Performance

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

Receive Distortion and Noise Performance

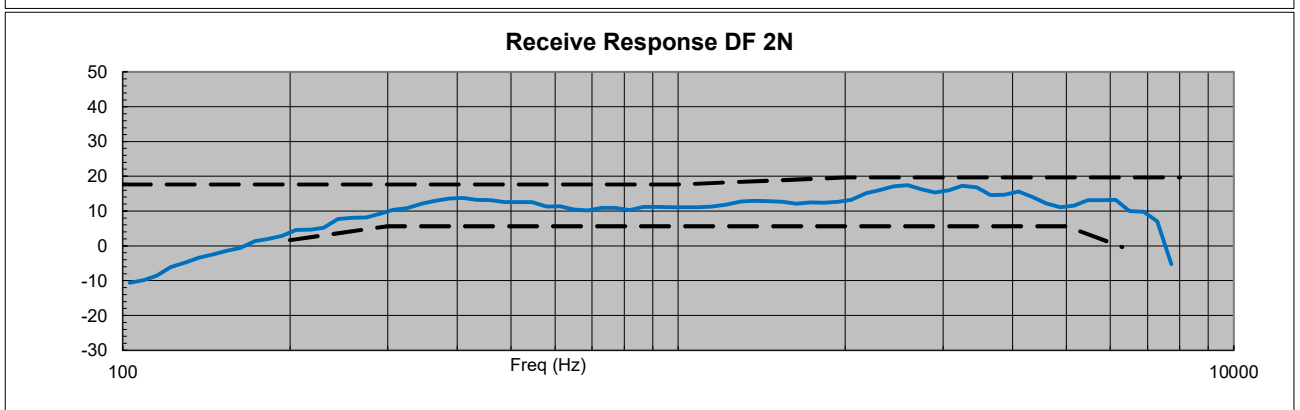
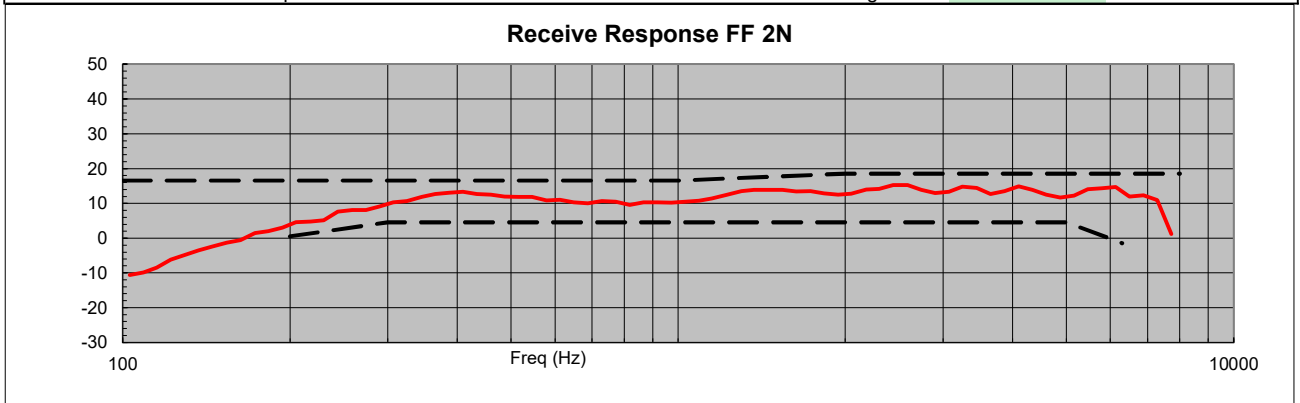
TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.2	Recv PN-SDNR 2N	5.7 dB	Absolute Limits	PASS	

Note: SDNR includes noise and distortion products.



Receive Acoustic Frequency Response Performance

TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.3	Recv resp FF 2N	3.24 dB	Floating Limits	PASS	
	Recv resp DF 2N	2.2 dB	Floating Limits	PASS	



TIA-5050 Receive Volume Control Measurements - 2N

Device Under Test:	20240924_L41_WB_2N
Bandwidth	Wideband
Test Date:	2024-09-24

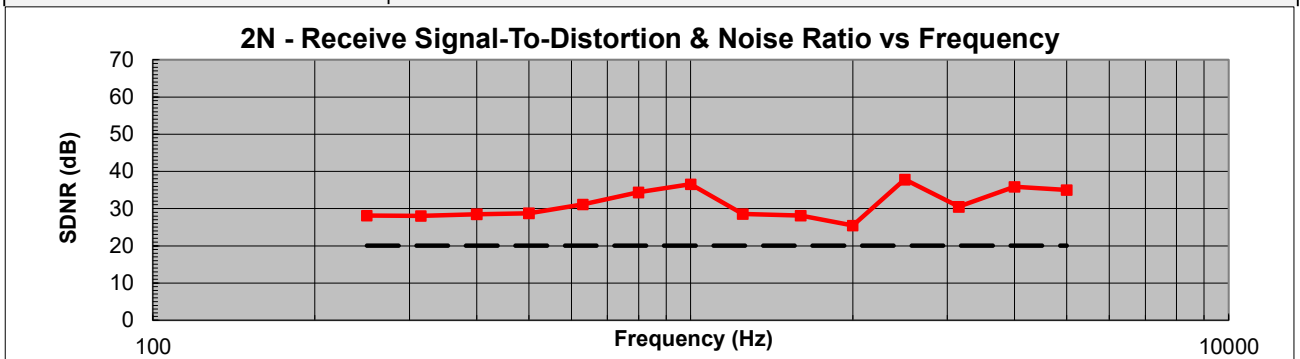
Receive Volume Control Performance

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

Receive Distortion and Noise Performance

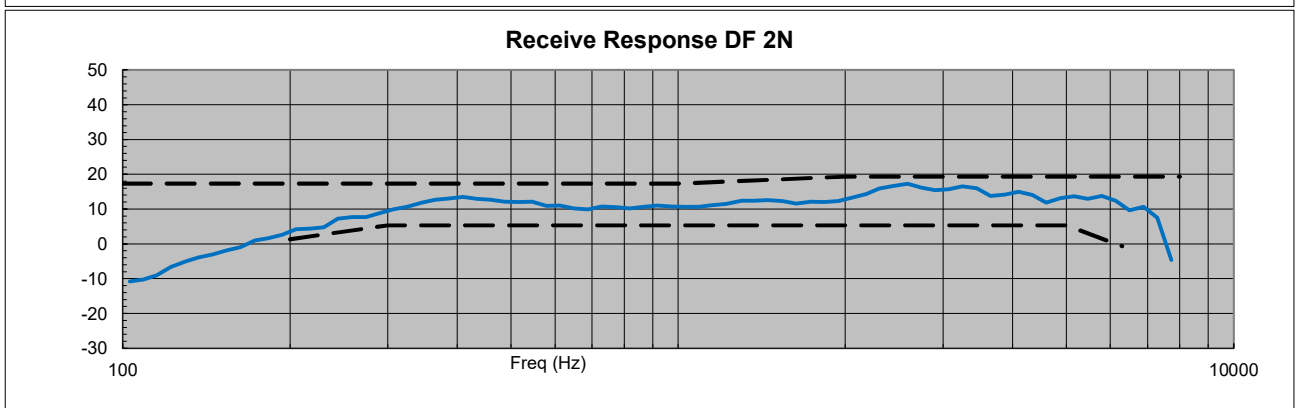
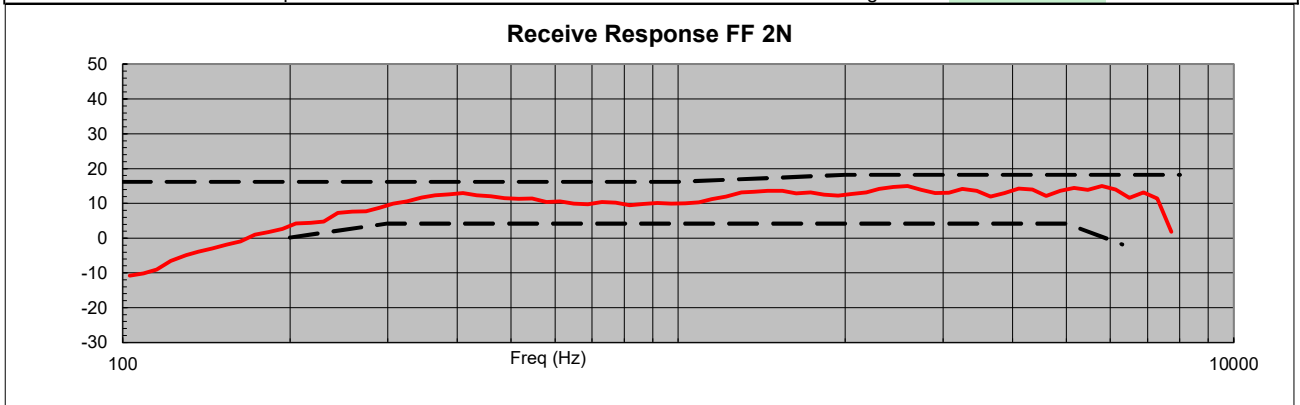
TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.2	Recv PN-SDNR 2N	5.47 dB	Absolute Limits	PASS	

Note: SDNR includes noise and distortion products.



Receive Acoustic Frequency Response Performance

TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.3	Recv resp FF 2N	3.17 dB	Floating Limits	PASS	
	Recv resp DF 2N	2.1 dB	Floating Limits	PASS	



TIA-5050 Receive Volume Control Measurements - 2N

Device Under Test:	20240923_L41_PC3_WB_2N
Bandwidth	Wideband
Test Date:	2024-09-23

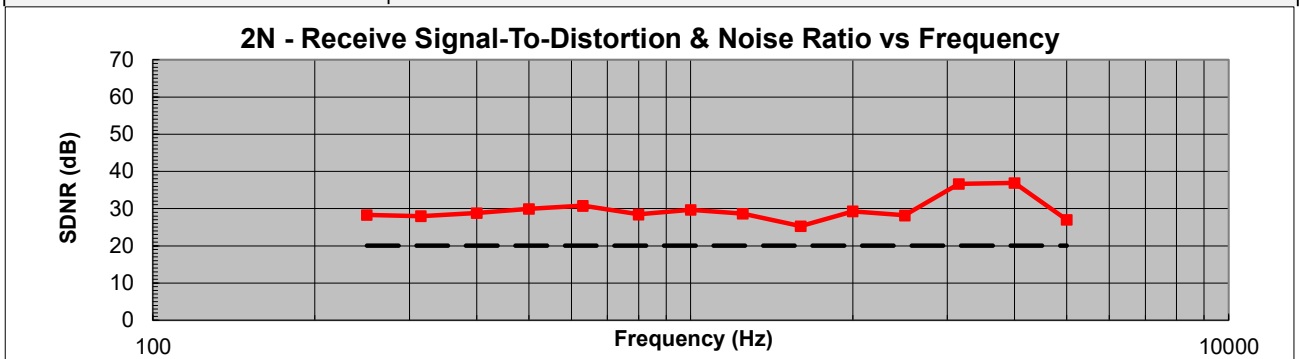
Receive Volume Control Performance

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

Receive Distortion and Noise Performance

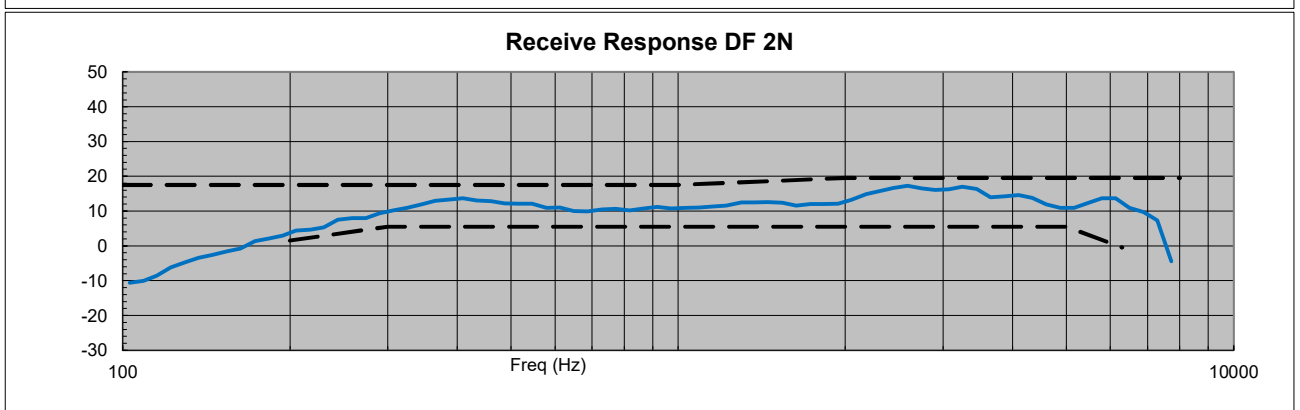
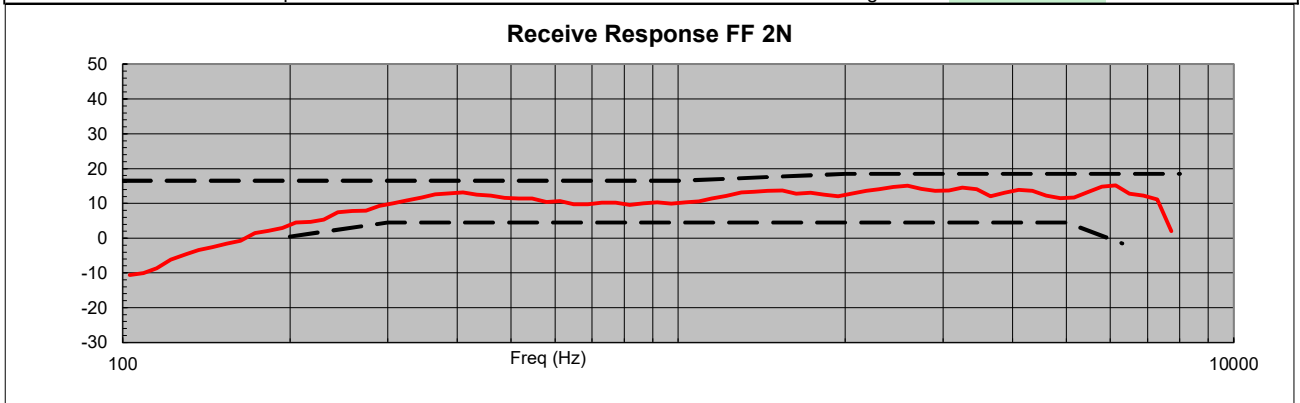
TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.2	Recv PN-SDNR 2N	5.28 dB	Absolute Limits	PASS	

Note: SDNR includes noise and distortion products.



Receive Acoustic Frequency Response Performance

TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.3	Recv resp FF 2N	3.29 dB	Floating Limits	PASS	
	Recv resp DF 2N	2.2 dB	Floating Limits	PASS	



TIA-5050 Receive Volume Control Measurements - 2N

Device Under Test:	20240924_L48_WB_2N
Bandwidth	Wideband
Test Date:	2024-09-24

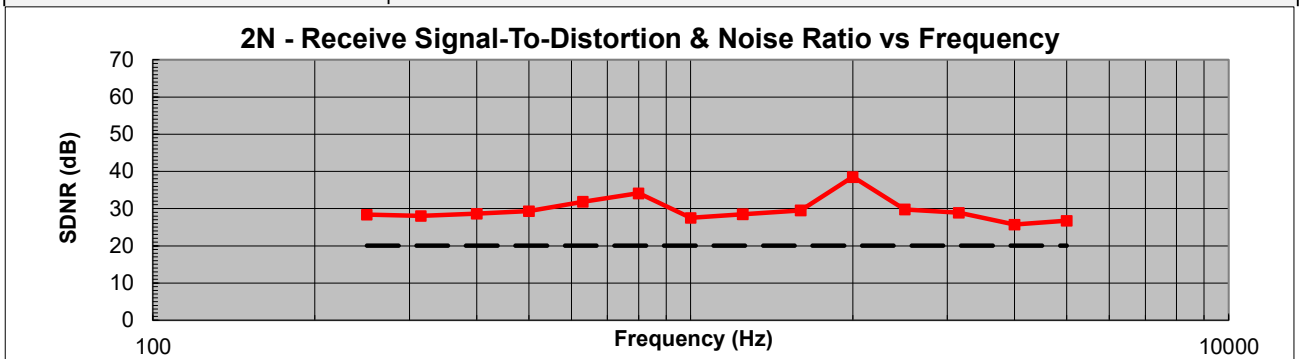
Receive Volume Control Performance

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

Receive Distortion and Noise Performance

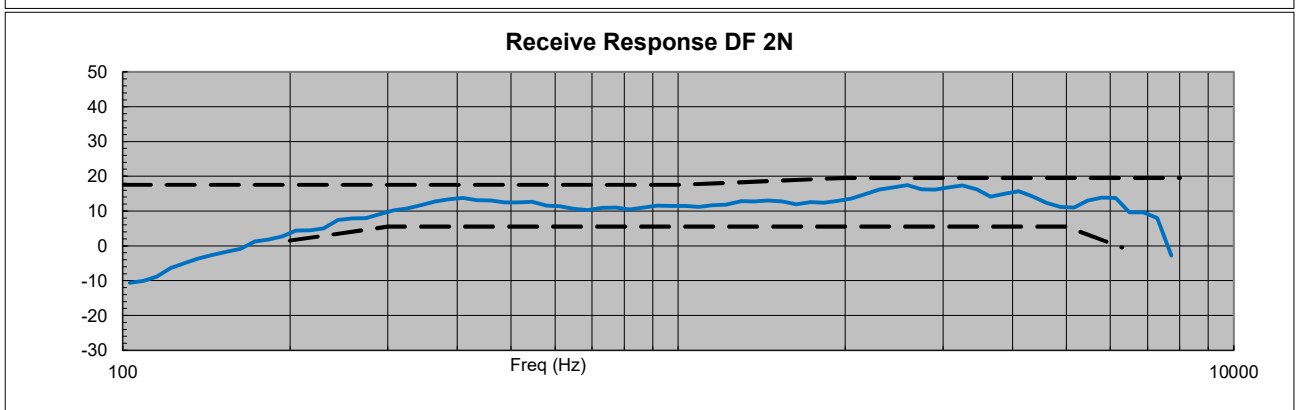
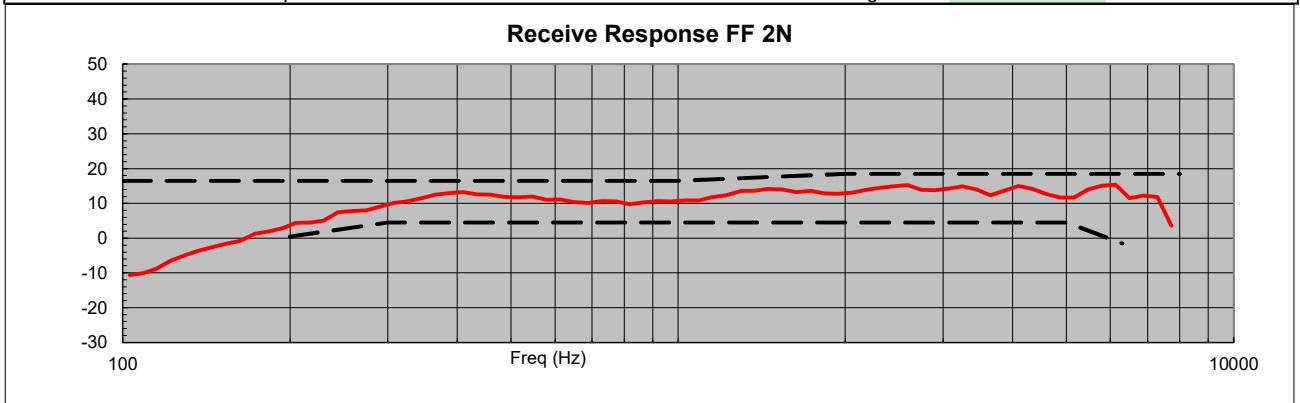
TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.2	Recv PN-SDNR 2N	5.69 dB	Absolute Limits	PASS	

Note: SDNR includes noise and distortion products.



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	2.1 dB	Floating Limits	PASS	



TIA-5050 Receive Volume Control Measurements - 2N

Device Under Test: 20241001_N2_WB_40MHz_DFTS_QPSK_RB1-1_ch376000

Bandwidth: Wideband

Test Date: 2024-10-01

Receive Volume Control Performance

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

Receive Distortion and Noise Performance

TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.2	Recv PN-SDNR 2N	7.34 dB	Absolute Limits	PASS	

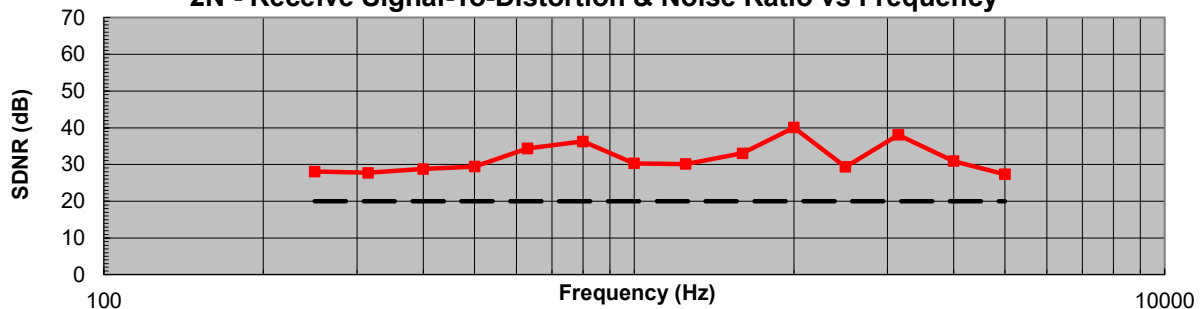
Note: SDNR includes noise and distortion products.

Stimulus level -20 dBPa

Sentence conditioning -20 dBPa

Short conditioning -20 dBPa

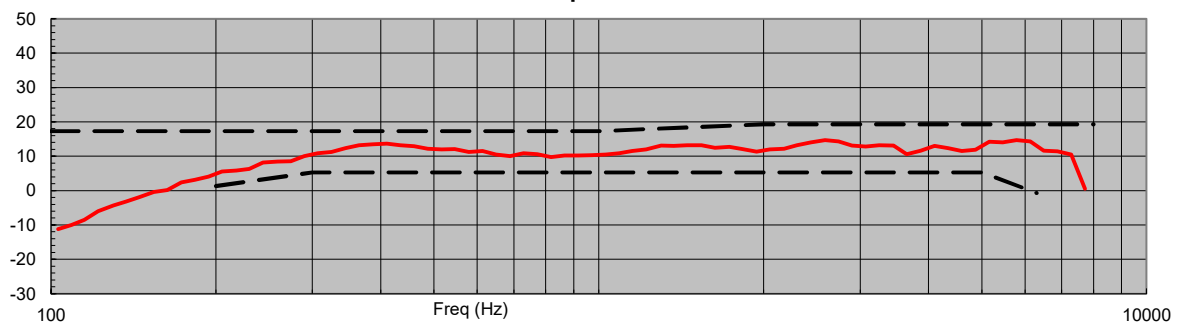
2N - Receive Signal-To-Distortion & Noise Ratio vs Frequency



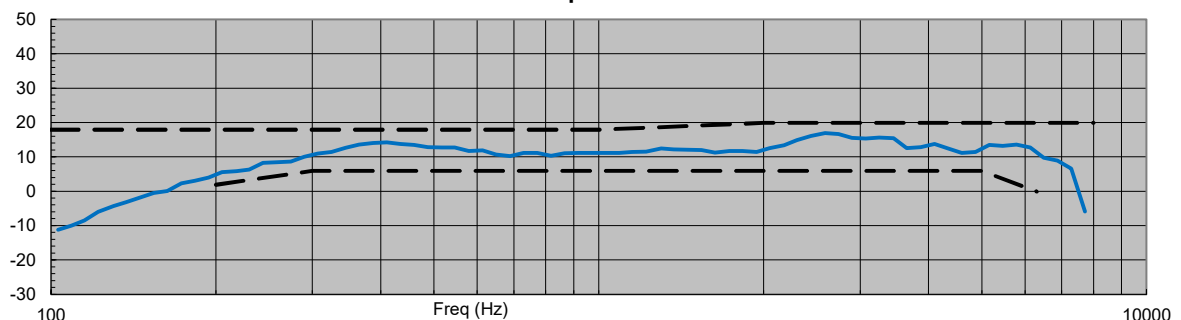
Receive Acoustic Frequency Response Performance

TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.3	Recv resp FF 2N	3.61 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

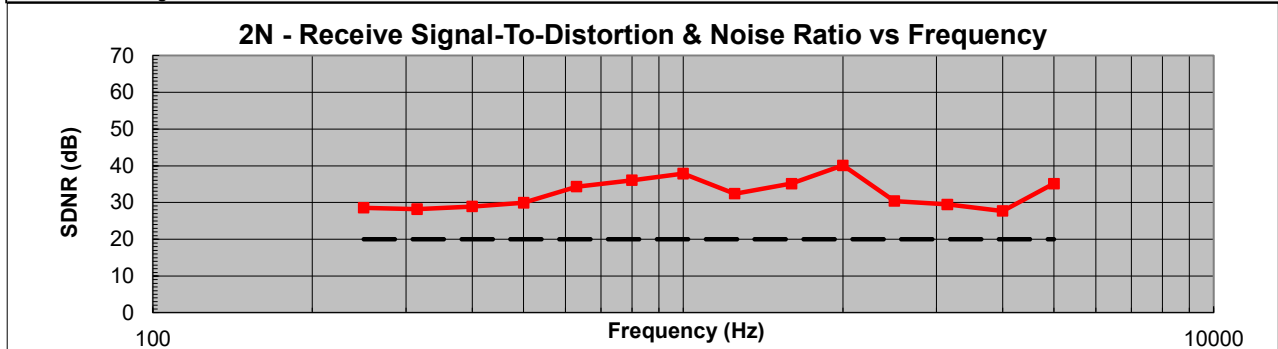
Device Under Test:	20241001_N5_WB_20MHz_DFTS_QPSK_RB1-1_ch167300
Bandwidth	Wideband
Test Date:	2024-10-01

Receive Volume Control Performance

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

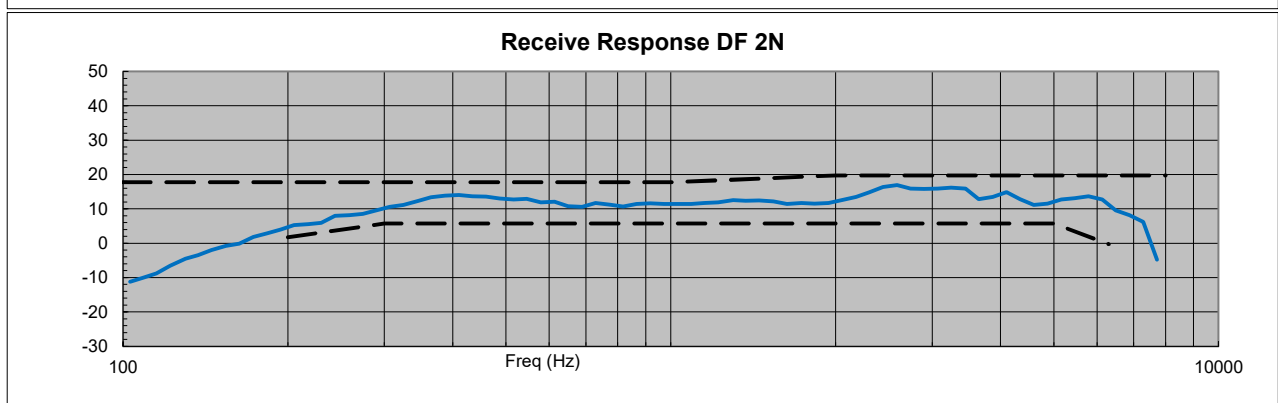
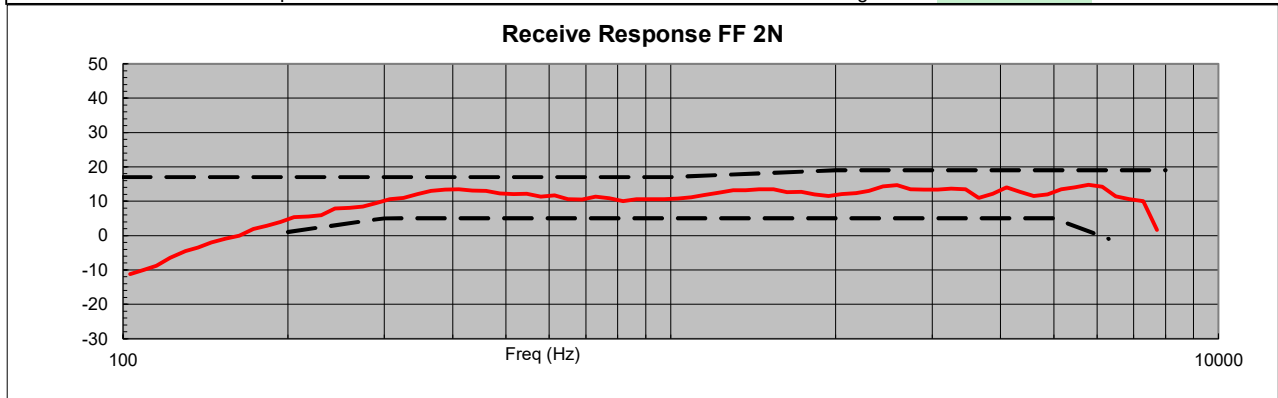
Receive Distortion and Noise Performance

TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.2	Recv PN-SDNR 2N	7.67 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	3.5 dB	Floating Limits	PASS	
	Recv resp DF 2N	2.8 dB	Floating Limits	PASS	



TIA-5050 Receive Volume Control Measurements - 2N

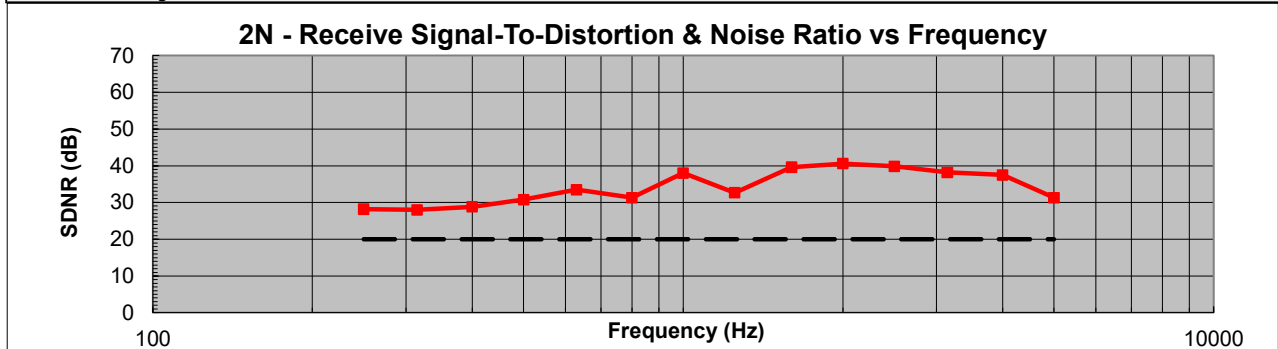
Device Under Test:	20241001_N25_WB_40MHz_DFTS_QPSK_RB1-1_ch376500
Bandwidth	Wideband
Test Date:	2024-10-01

Receive Volume Control Performance

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

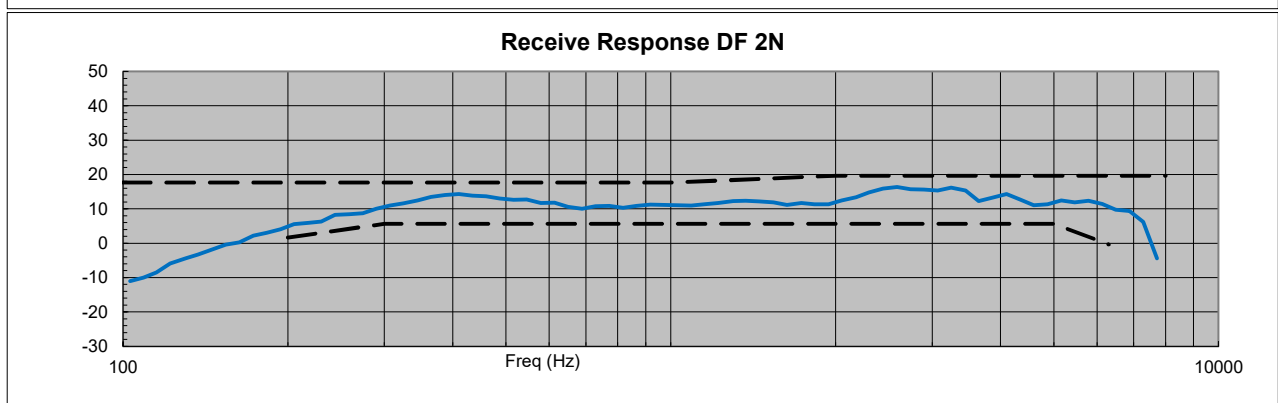
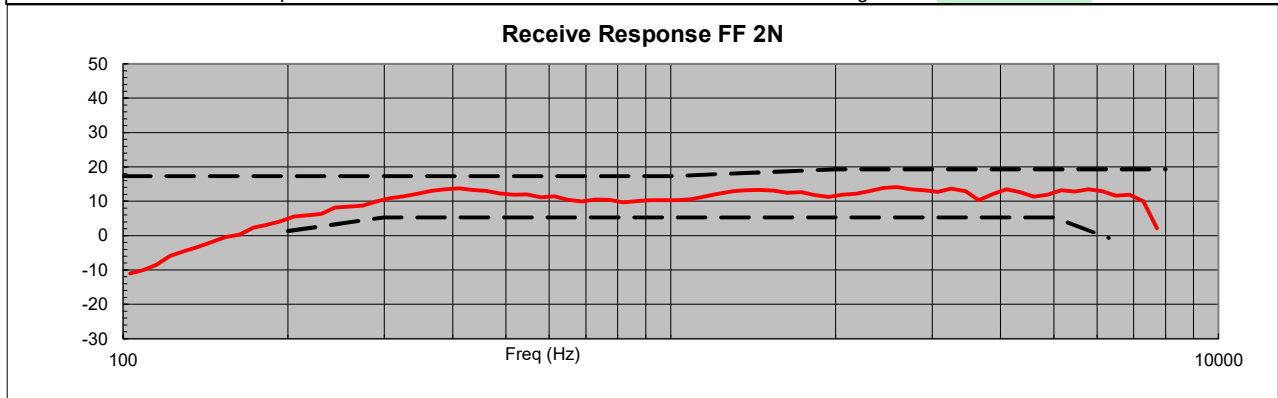
Receive Distortion and Noise Performance

TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.2	Recv PN-SDNR 2N	7.97 dB	Absolute Limits	PASS	
Note: SDNR includes noise and distortion products.					
Stimulus level				-20 dBPa	
Sentence 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	3.59 dB	Floating Limits	PASS	
	Recv resp DF 2N	3.2 dB	Floating Limits	PASS	



TIA-5050 Receive Volume Control Measurements - 2N

Device Under Test: 20241001_N30_WB_10MHz_DFTS_QPSK_RB1-1_ch462000

Bandwidth: Wideband

Test Date: 2024-10-01

Receive Volume Control Performance

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

Receive Distortion and Noise Performance

TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.2	Recv PN-SDNR 2N	7.99 dB	Absolute Limits	PASS	

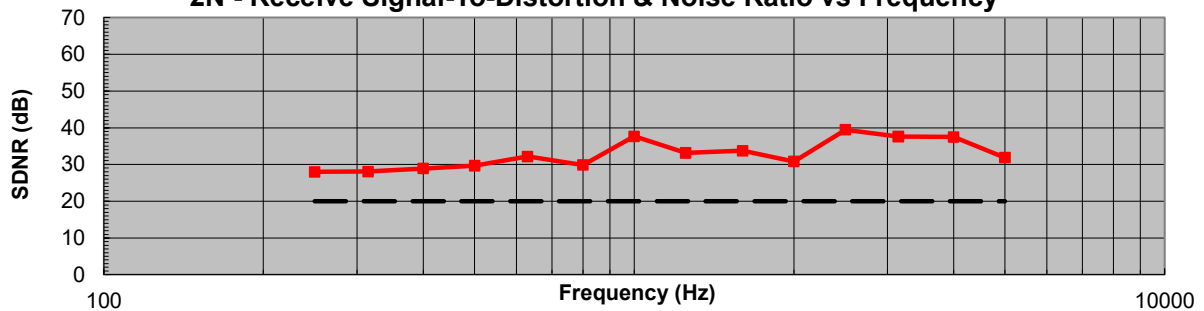
Note: SDNR includes noise and distortion products.

Stimulus level -20 dBPa

Sentence conditioning -20 dBPa

Short conditioning -20 dBPa

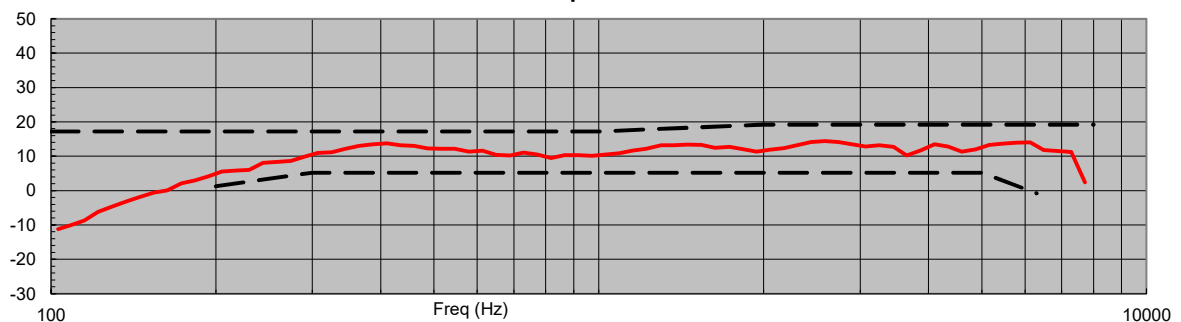
2N - Receive Signal-To-Distortion & Noise Ratio vs Frequency



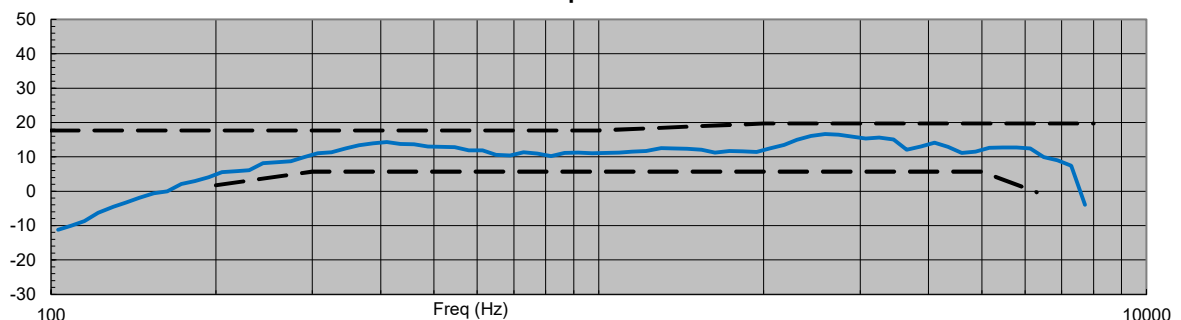
Receive Acoustic Frequency Response Performance

TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.3	Recv resp FF 2N	3.48 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

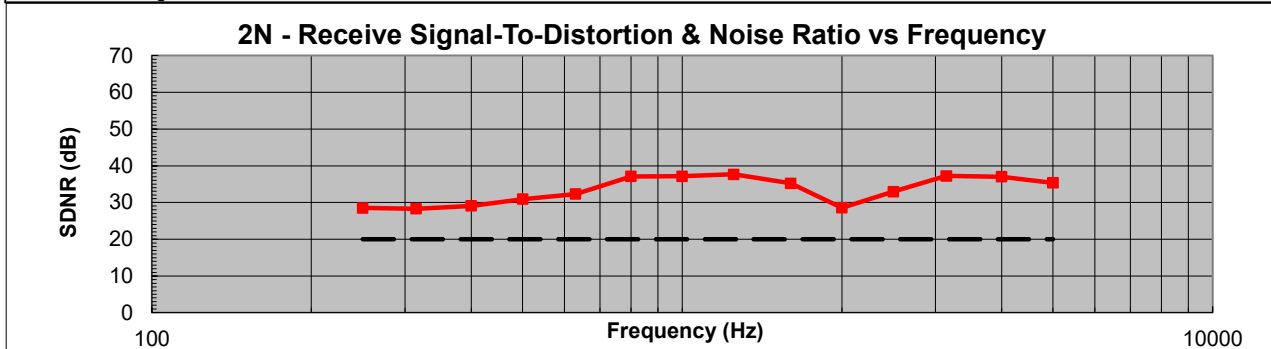
Device Under Test:	20241001_N66_WB_40MHz_DFTS_QPSK_RB1-1_ch349000
Bandwidth	Wideband
Test Date:	2024-10-01

Receive Volume Control Performance

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

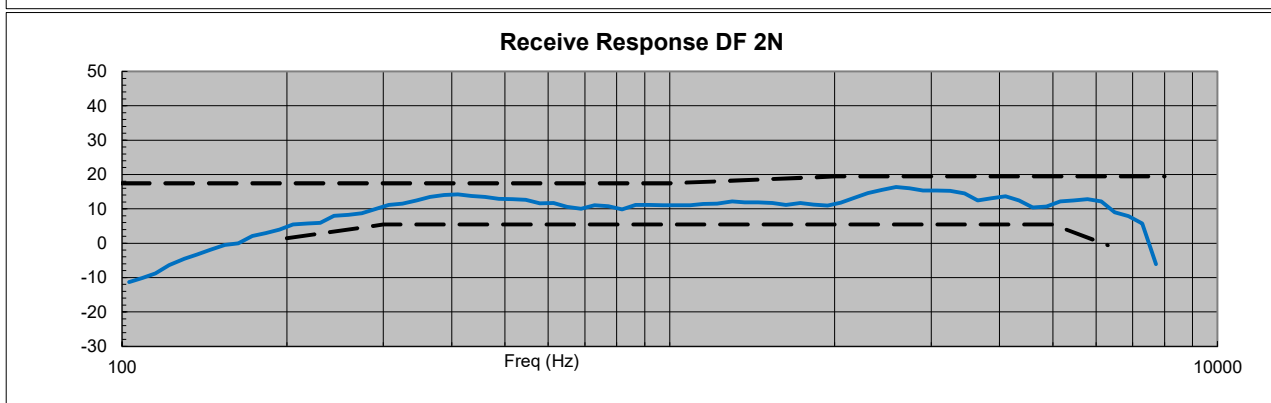
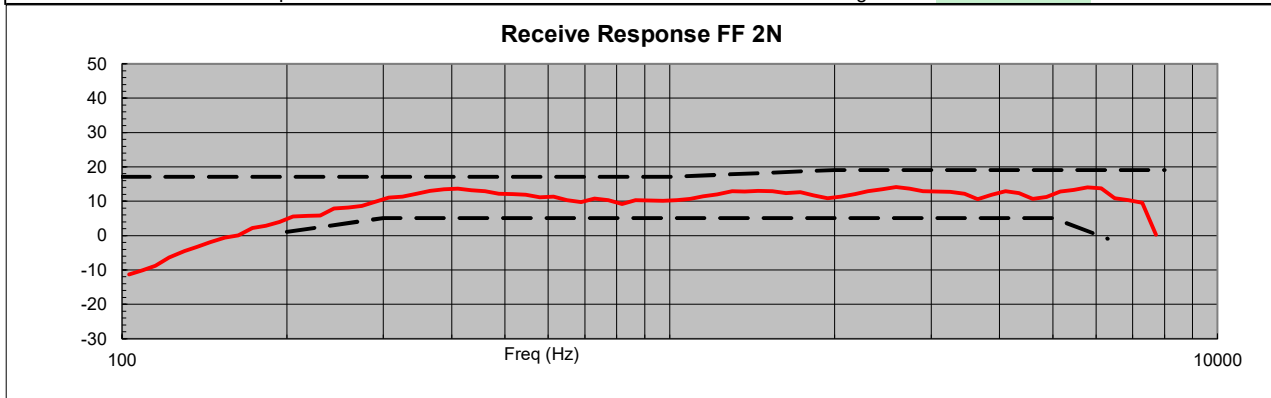
Receive Distortion and Noise Performance

TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.2	Recv PN-SDNR 2N	8.31 dB	Absolute Limits	PASS	
Note: SDNR 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	3.42 dB	Floating Limits	PASS	
	Recv resp DF 2N	3.1 dB	Floating Limits	PASS	



TIA-5050 Receive Volume Control Measurements - 2N

Device Under Test:	20241001_N70_WB_15MHz_DFTS_QPSK_RB1-1_ch340500
Bandwidth	Wideband
Test Date:	2024-10-01

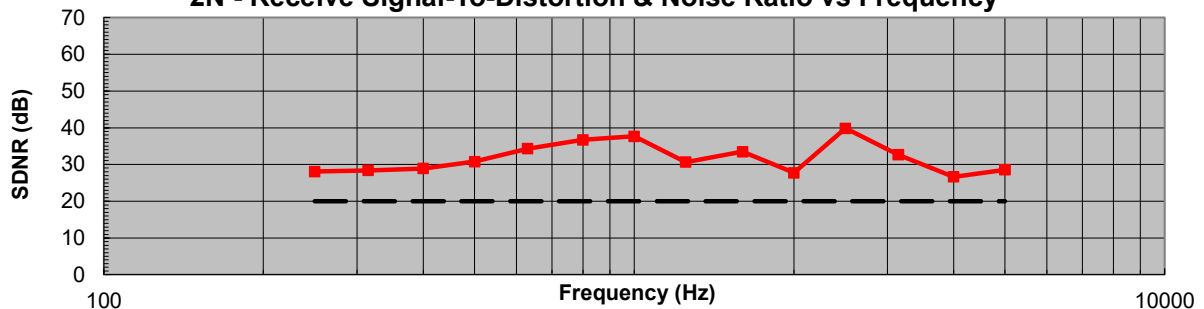
Receive Volume Control Performance

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

Receive Distortion and Noise Performance

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

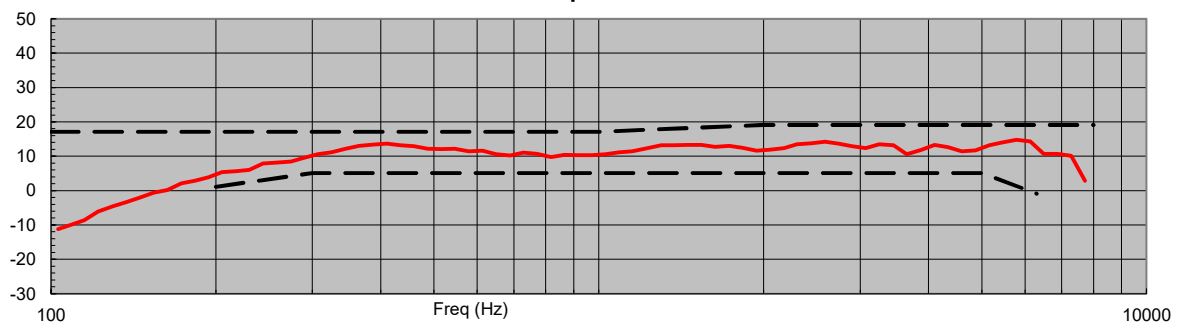
2N - Receive Signal-To-Distortion & Noise Ratio vs Frequency



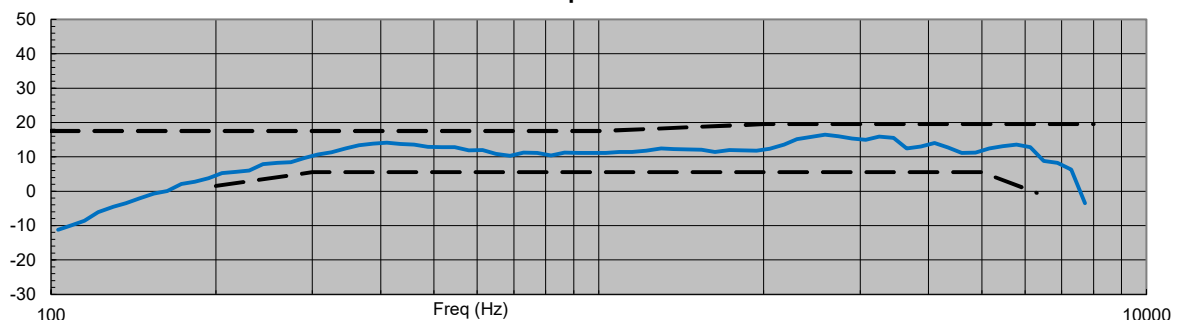
Receive Acoustic Frequency Response Performance

TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.3	Recv resp FF 2N	3.48 dB	Floating Limits	PASS	
	Recv resp DF 2N	3.1 dB	Floating Limits	PASS	

Receive Response FF 2N



Receive Response DF 2N



TIA-5050 Receive Volume Control Measurements - 2N

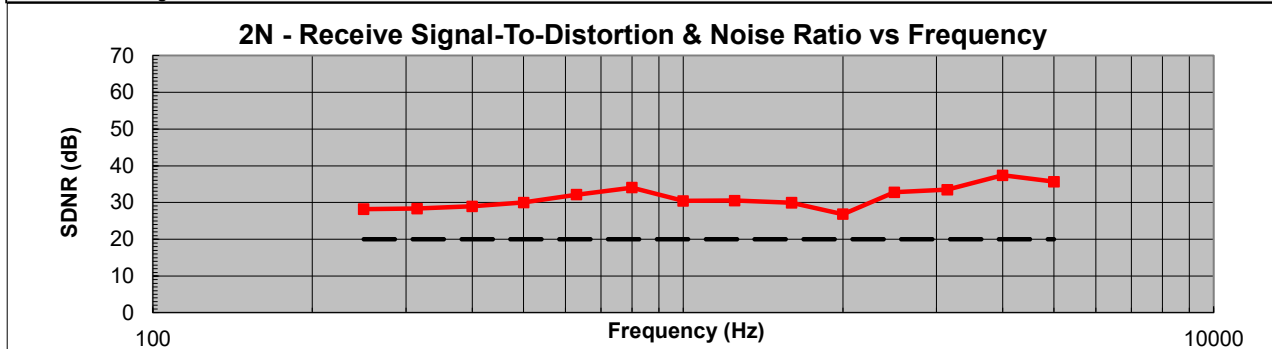
Device Under Test:	20241001_N71_WB_20MHz_DFTS_QPSK_RB1-1_ch136100
Bandwidth	Wideband
Test Date:	2024-10-01

Receive Volume Control Performance

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

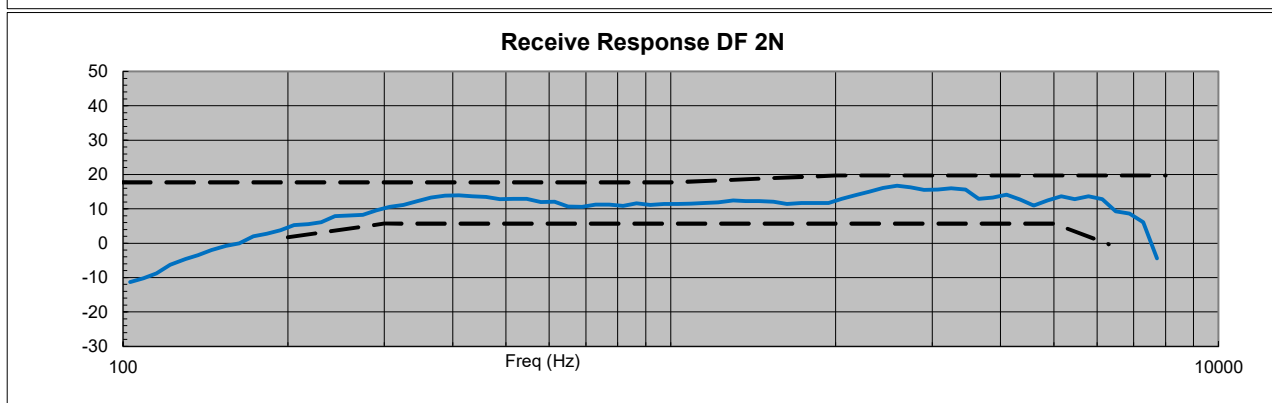
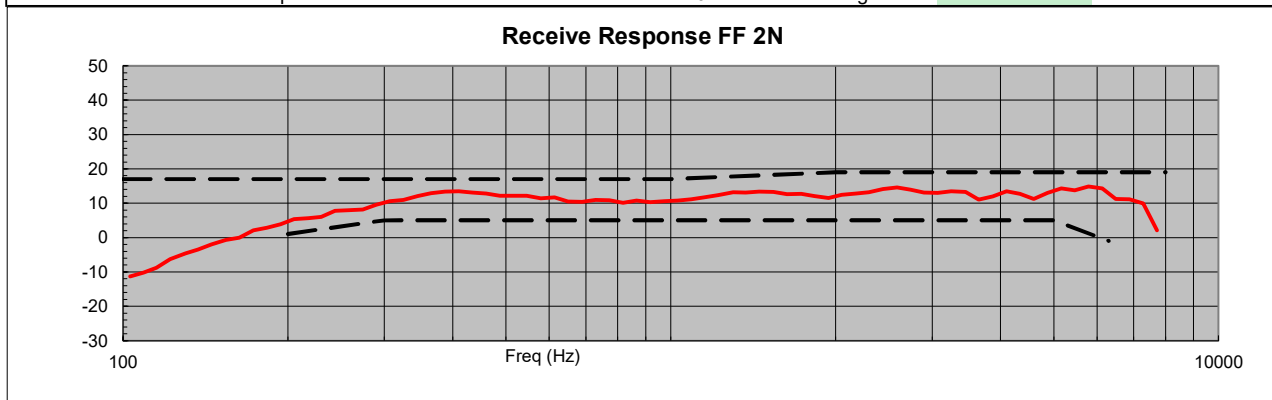
Receive Distortion and Noise Performance

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	3.62 dB	Floating Limits	PASS	
	Recv resp DF 2N	2.9 dB	Floating Limits	PASS	



TIA-5050 Receive Volume Control Measurements - 2N

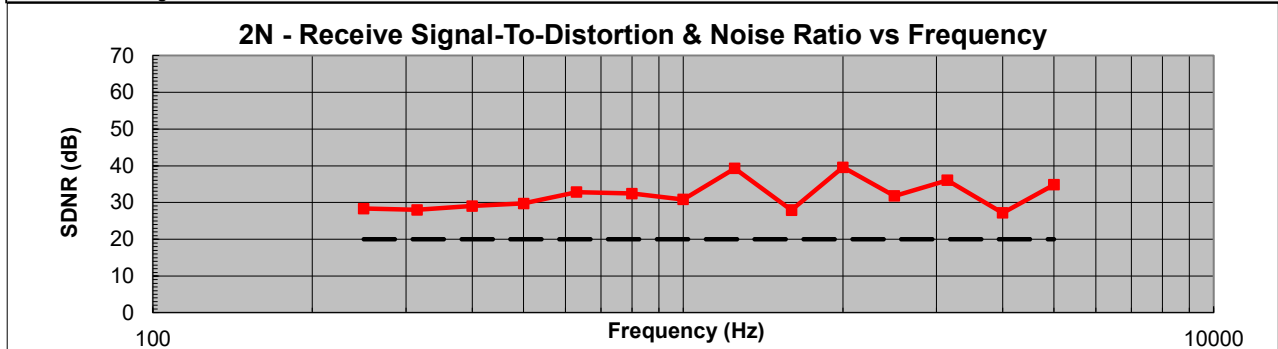
Device Under Test:	20240928_N41_WB_100MHz_DFTS_QPSK_RB1_1_ch518598
Bandwidth	Wideband
Test Date:	2024-09-28

Receive Volume Control Performance

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

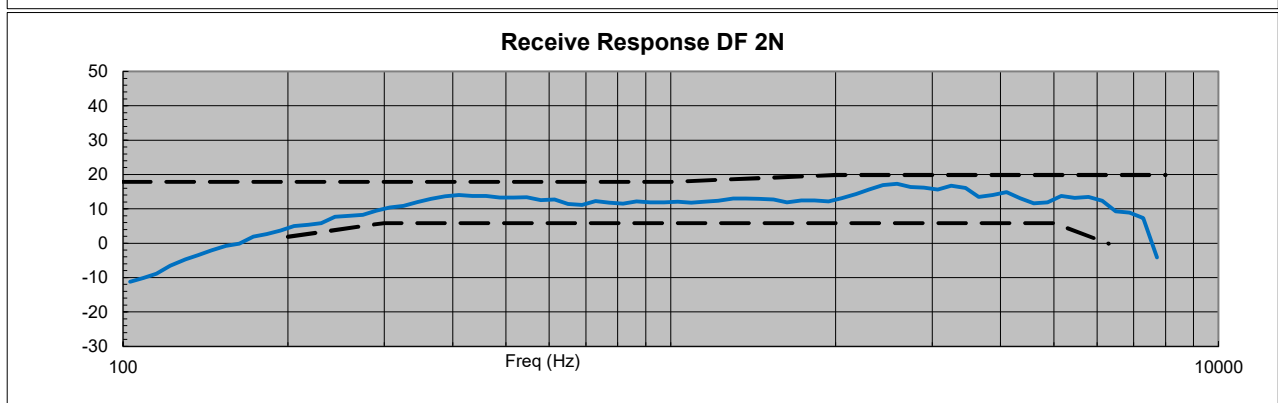
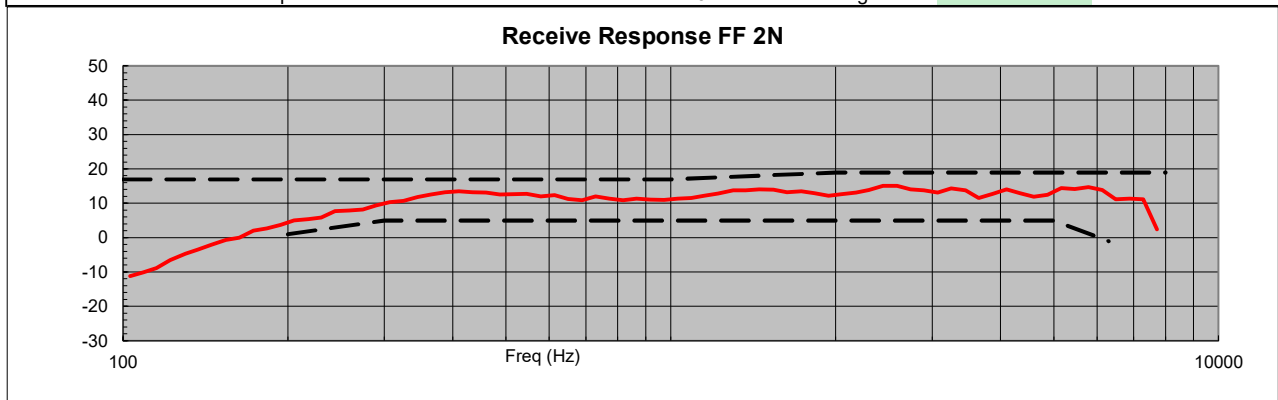
Receive Distortion and Noise Performance

TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.2	Recv PN-SDNR 2N	7.15 dB	Absolute Limits	PASS	
Note: SDNR includes noise and distortion products.					
Stimulus level				-20 dBPa	
Sentence 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	3.49 dB	Floating Limits	PASS	
	Recv resp DF 2N	2.5 dB	Floating Limits	PASS	



TIA-5050 Receive Volume Control Measurements - 2N

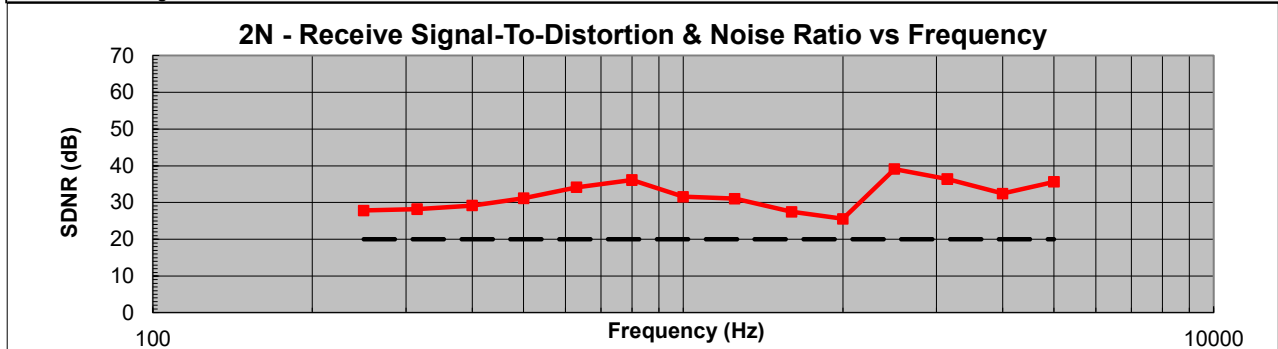
Device Under Test:	20240928_N48_WB_40MHz_DFTS_QPSK_RB1_1_ch641666
Bandwidth	Wideband
Test Date:	2024-09-28

Receive Volume Control Performance

TIA-5050	Test	Measured	Limits	Result	Reference
Clause 5.1	Recv output level 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	5.55 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	3.47 dB	Floating Limits	PASS	
	Recv resp DF 2N	2.4 dB	Floating Limits	PASS	

