TIA-5050 Receive Volume Control Measurements - 2N

Device Under Test:	L7_EVS-NB24.4_2N

Bandwidth	Narrowband

Test Date:	2024-04-09

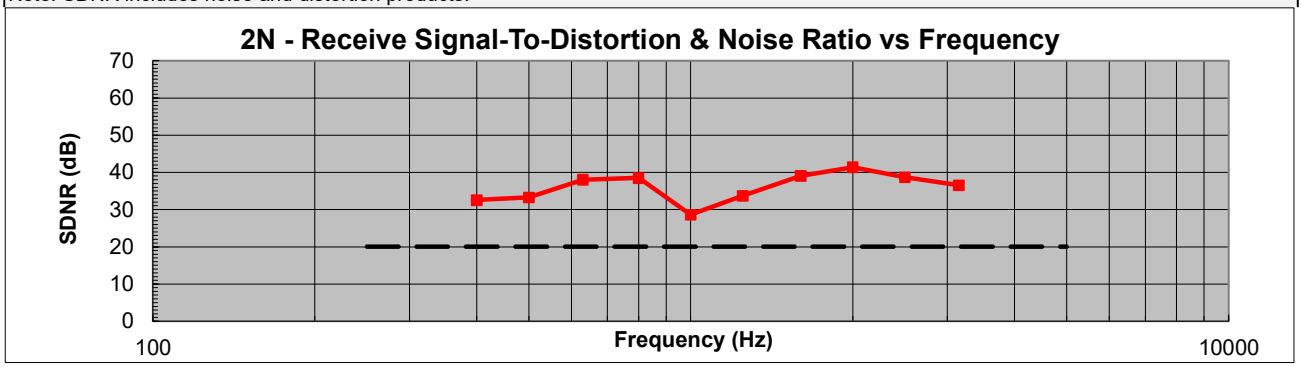
Receive Volume Control Performance

TIA-5050	Test	Measured	Limits	Result	Reference
Clause 5.1	Recv output level dBSPL 2N	86.93 dB	info only		
	Recv conversational gain 2N	16.93 dB	6.00	PASS	

Receive Distortion and Noise Performance

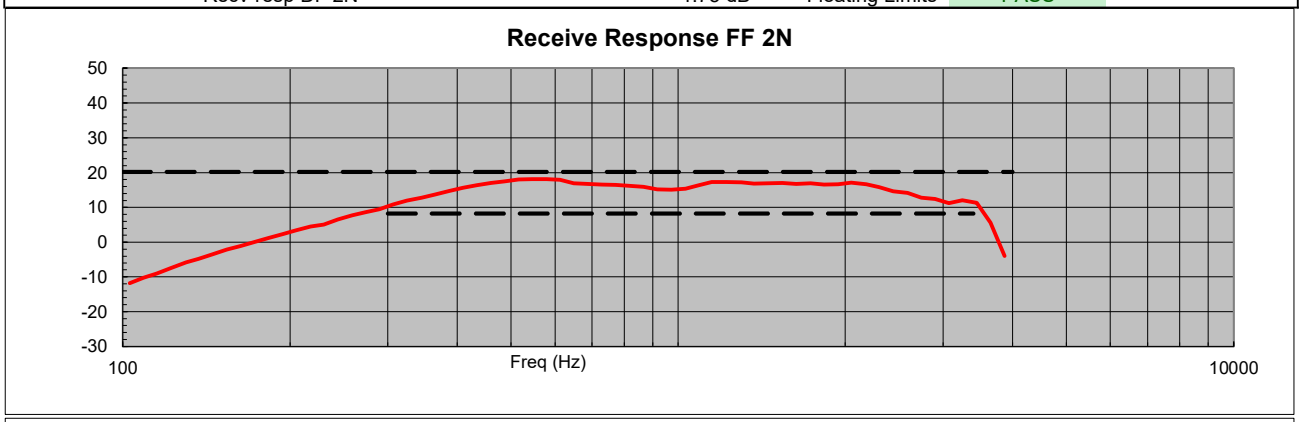
TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.2	Recv PN-SDNR 2N	8.65 dB	Absolute Limits	PASS	

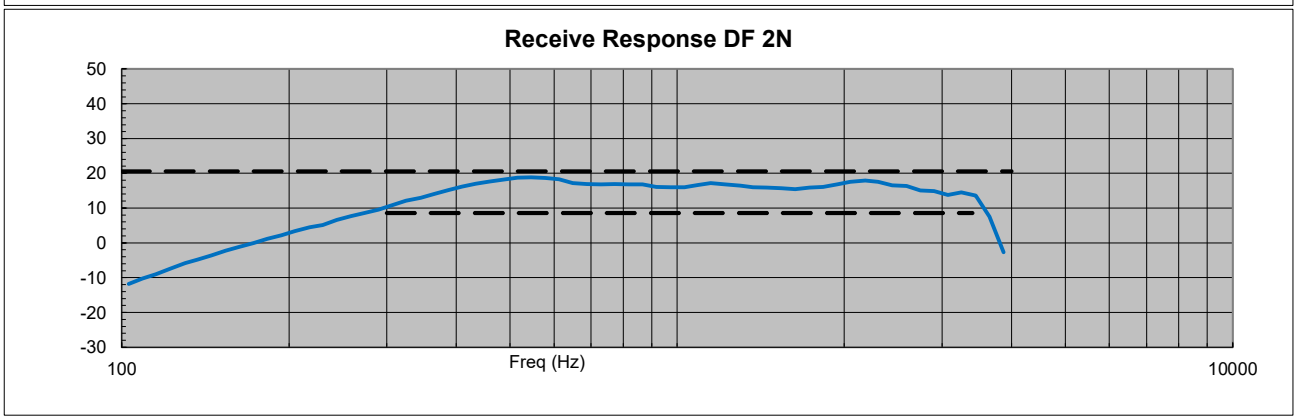
Note: SDNR includes noise and distortion products.



Receive Acoustic Frequency Response Performance

TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.3	Recv resp FF 2N	2.06 dB	Floating Limits	PASS	
	Recv resp DF 2N	1.75 dB	Floating Limits	PASS	





TIA-5050 Receive Volume Control Measurements - 2N

Device Under Test:	L12_EVS-NB24.4_2N

Bandwidth	Narrowband

Test Date:	2024-04-09

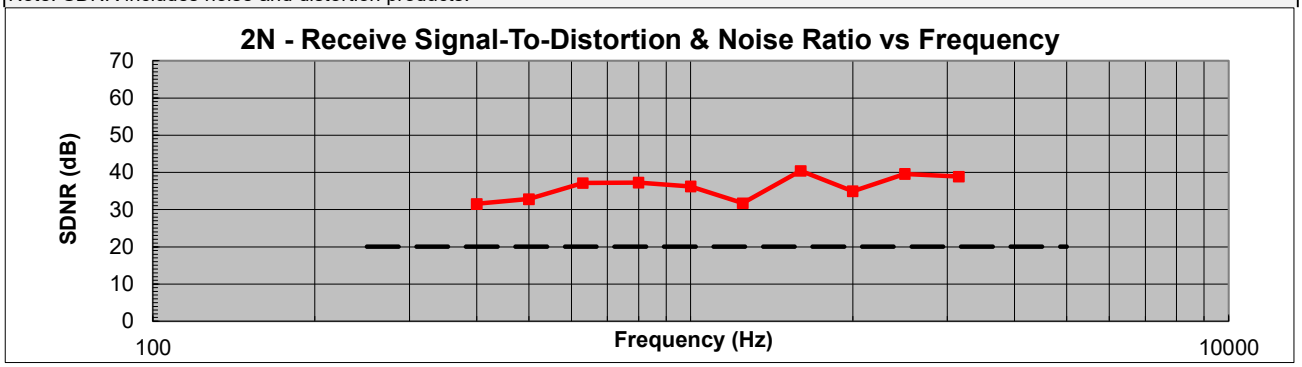
Receive Volume Control Performance

TIA-5050	Test	Measured	Limits	Result	Reference
Clause 5.1	Recv output level dBSPL 2N	86.78 dB	info only		
	Recv conversational gain 2N	16.78 dB	6.00	PASS	

Receive Distortion and Noise Performance

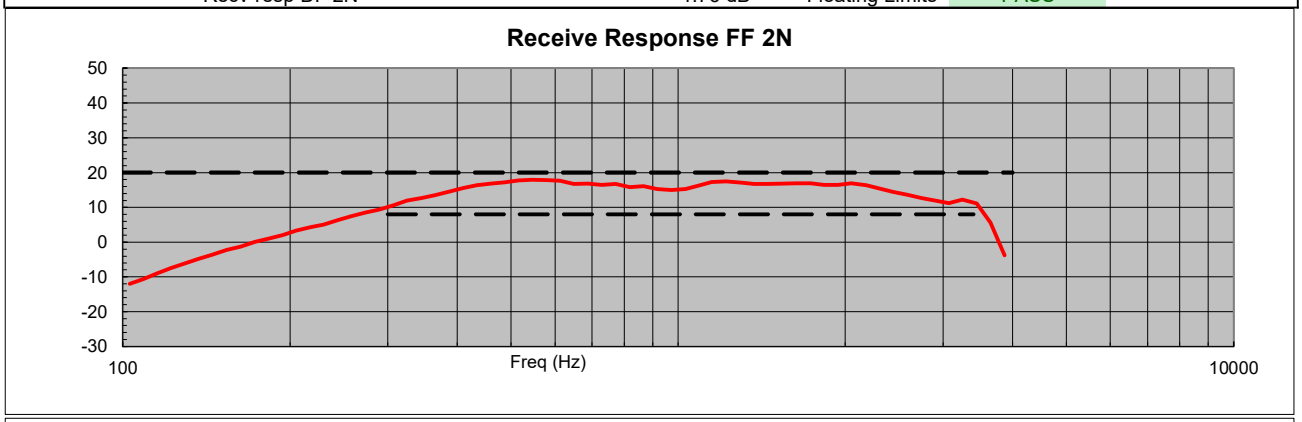
TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.2	Recv PN-SDNR 2N	11.54 dB	Absolute Limits	PASS	

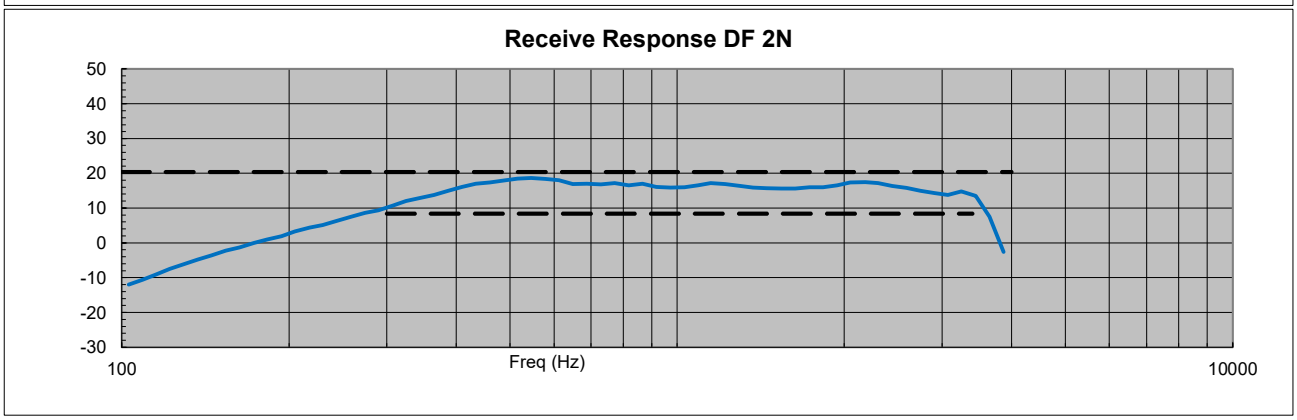
Note: SDNR includes noise and distortion products.



Receive Acoustic Frequency Response Performance

TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.3	Recv resp FF 2N	2.06 dB	Floating Limits	PASS	
	Recv resp DF 2N	1.76 dB	Floating Limits	PASS	





TIA-5050 Receive Volume Control Measurements - 2N

Device Under Test:	L13_EVS-NB24.4_2N

Bandwidth	Narrowband

Test Date:	2024-04-09

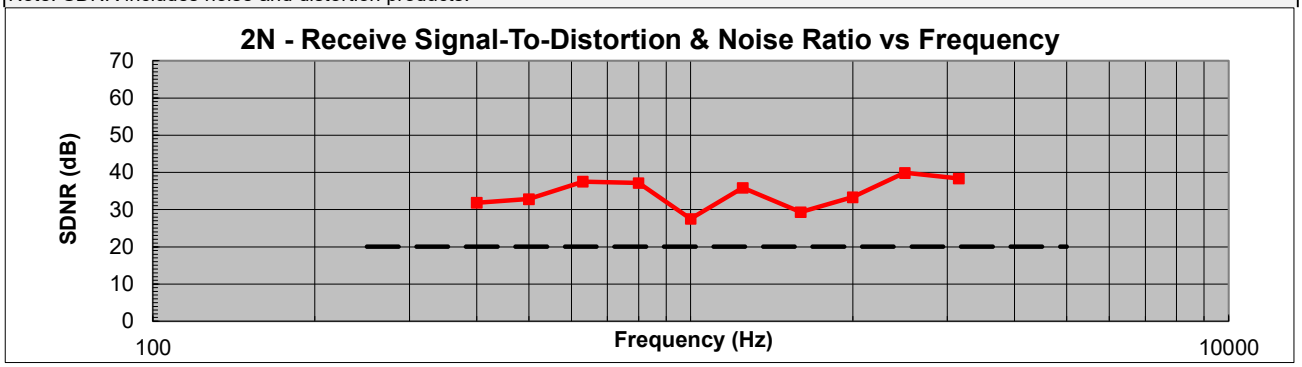
Receive Volume Control Performance

TIA-5050	Test	Measured	Limits	Result	Reference
Clause 5.1	Recv output level dBSPL 2N	86.91 dB	info only		
	Recv conversational gain 2N	16.91 dB	6.00	PASS	

Receive Distortion and Noise Performance

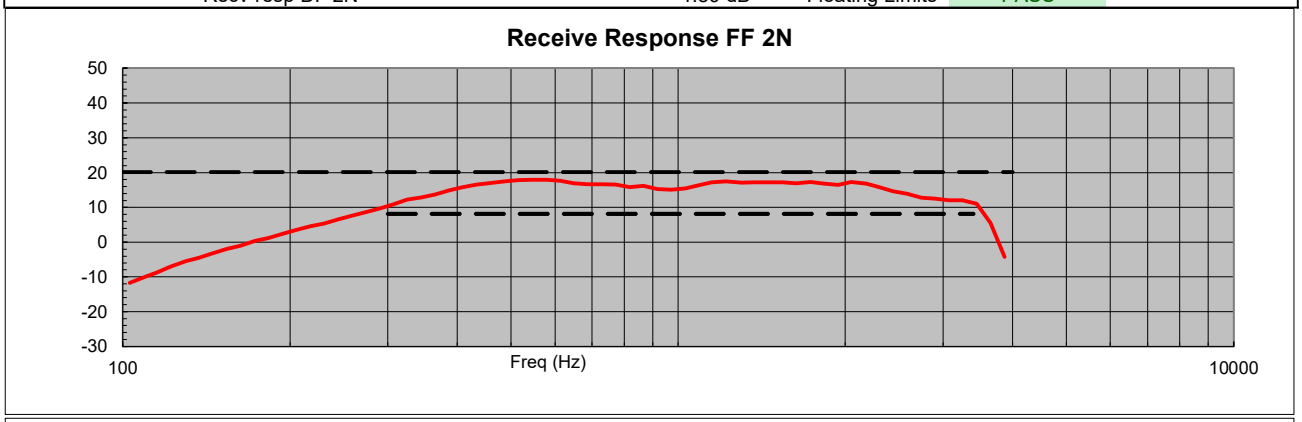
TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.2	Recv PN-SDNR 2N	7.5 dB	Absolute Limits	PASS	

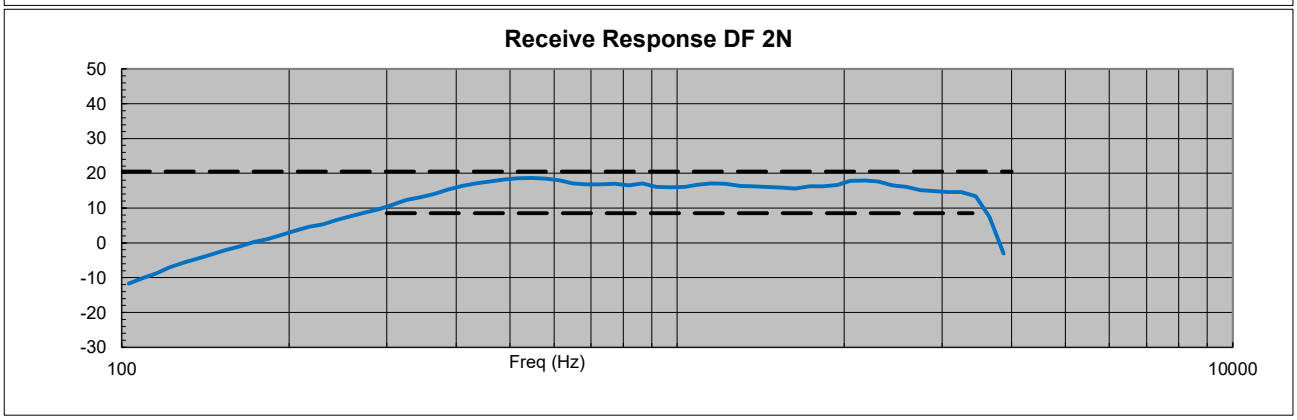
Note: SDNR includes noise and distortion products.



Receive Acoustic Frequency Response Performance

TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.3	Recv resp FF 2N	2.19 dB	Floating Limits	PASS	
	Recv resp DF 2N	1.89 dB	Floating Limits	PASS	





TIA-5050 Receive Volume Control Measurements - 2N

Device Under Test:	L14_EVS-NB24.4_2N

Bandwidth	Narrowband

Test Date:	2024-04-09

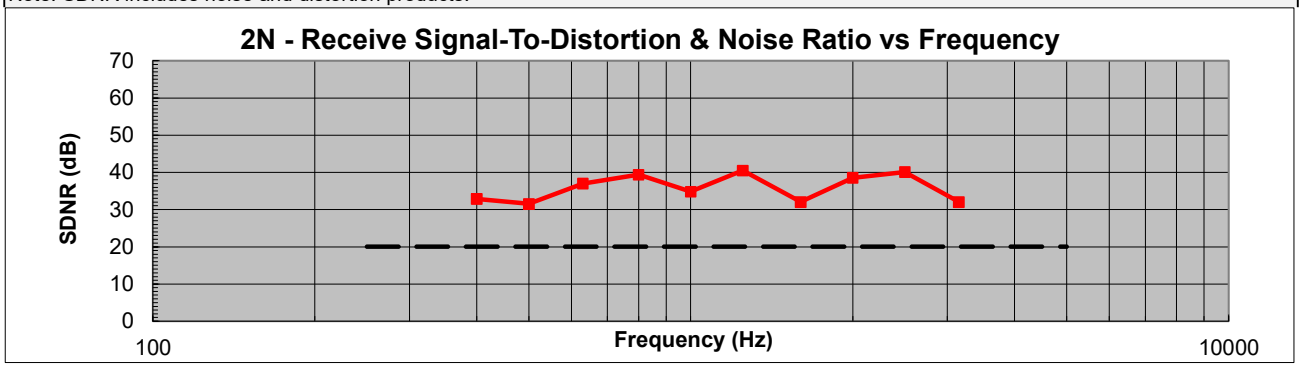
Receive Volume Control Performance

TIA-5050	Test	Measured	Limits	Result	Reference
Clause 5.1	Recv output level dBSPL 2N	86.86 dB	info only		
	Recv conversational gain 2N	16.86 dB	6.00	PASS	

Receive Distortion and Noise Performance

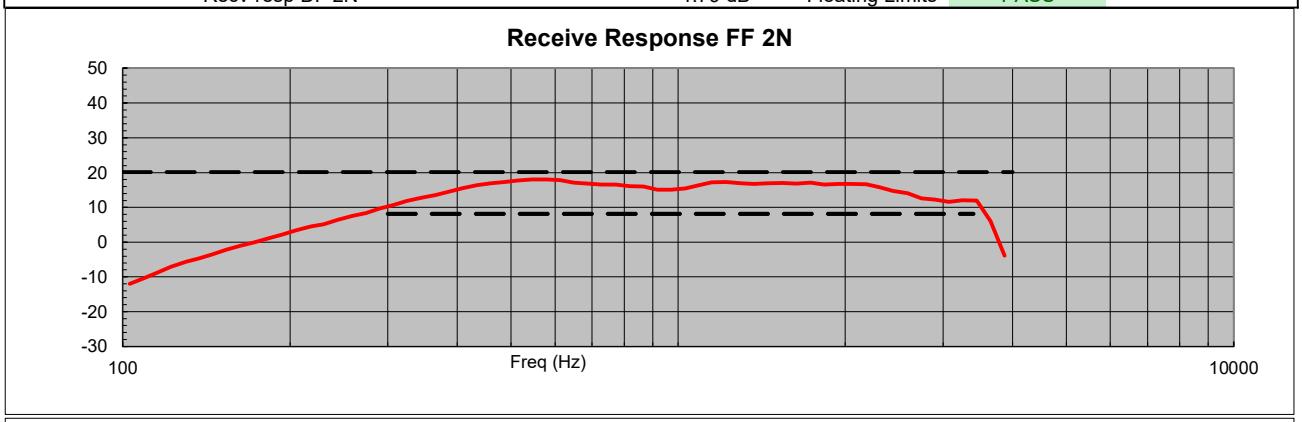
TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.2	Recv PN-SDNR 2N	11.53 dB	Absolute Limits	PASS	

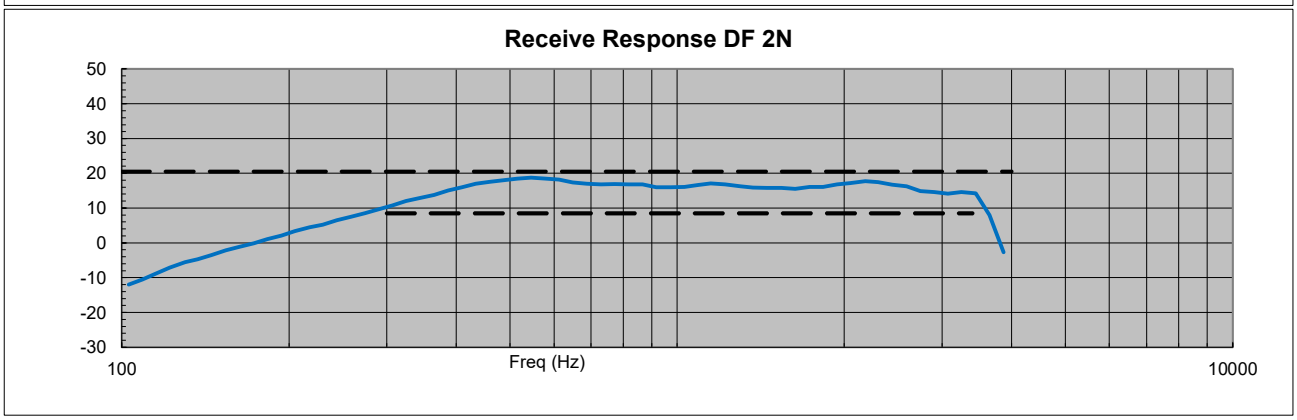
Note: SDNR includes noise and distortion products.



Receive Acoustic Frequency Response Performance

TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.3	Recv resp FF 2N	2.09 dB	Floating Limits	PASS	
	Recv resp DF 2N	1.79 dB	Floating Limits	PASS	





TIA-5050 Receive Volume Control Measurements - 2N

Device Under Test:	L25_EVS-NB24.4_2N

Bandwidth	Narrowband

Test Date:	2024-04-09

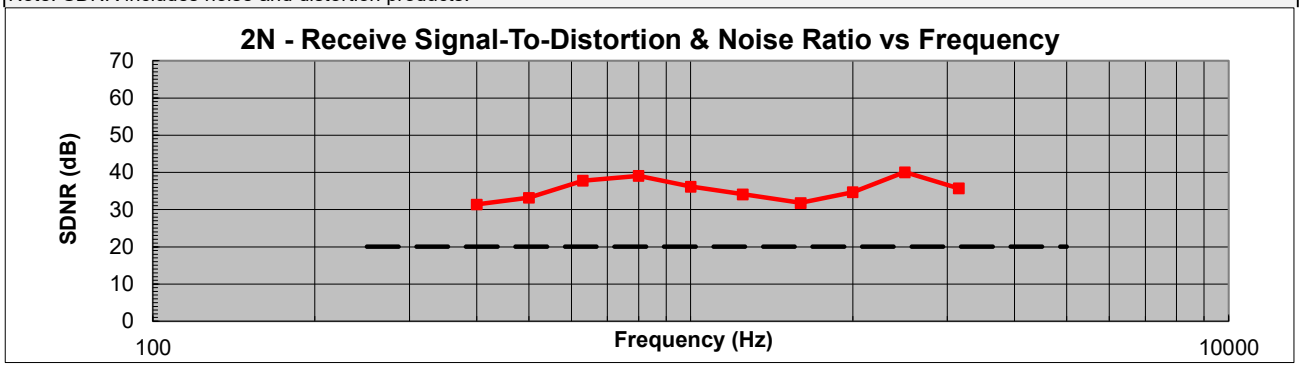
Receive Volume Control Performance

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

Receive Distortion and Noise Performance

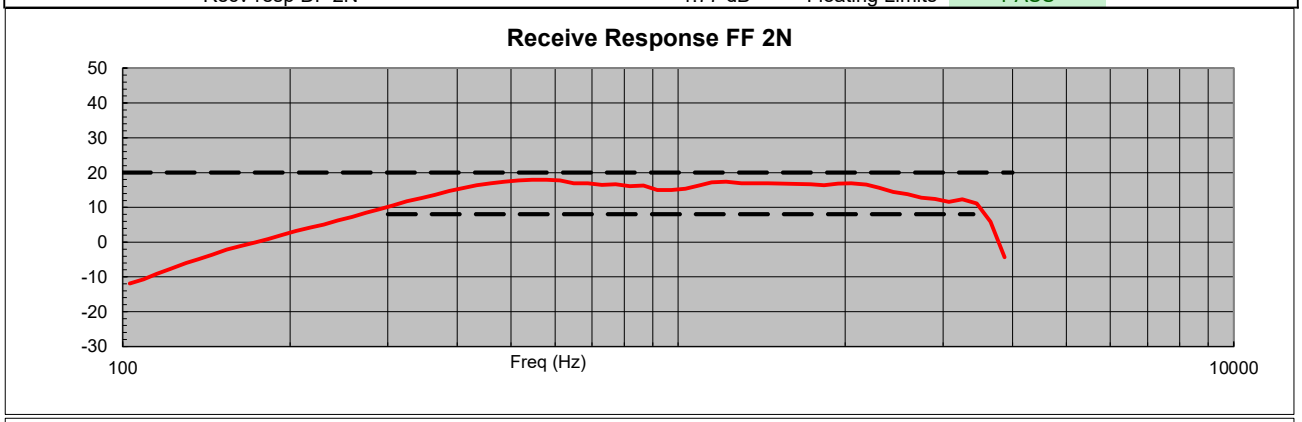
TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.2	Recv PN-SDNR 2N	11.39 dB	Absolute Limits	PASS	

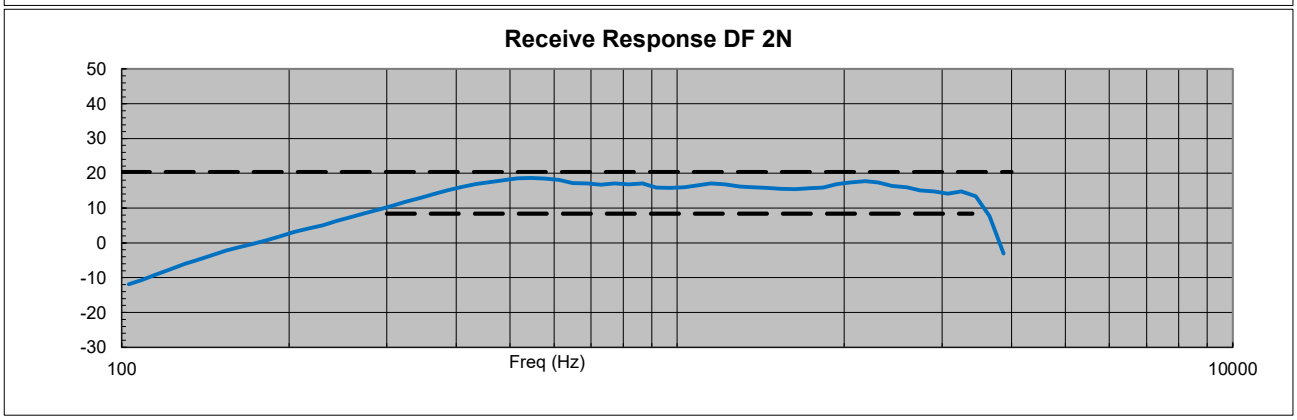
Note: SDNR includes noise and distortion products.



Receive Acoustic Frequency Response Performance

TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.3	Recv resp FF 2N	2.08 dB	Floating Limits	PASS	
	Recv resp DF 2N	1.77 dB	Floating Limits	PASS	





TIA-5050 Receive Volume Control Measurements - 2N

Device Under Test:	L26_EVS-NB24.4_2N

Bandwidth	Narrowband

Test Date:	2024-04-09

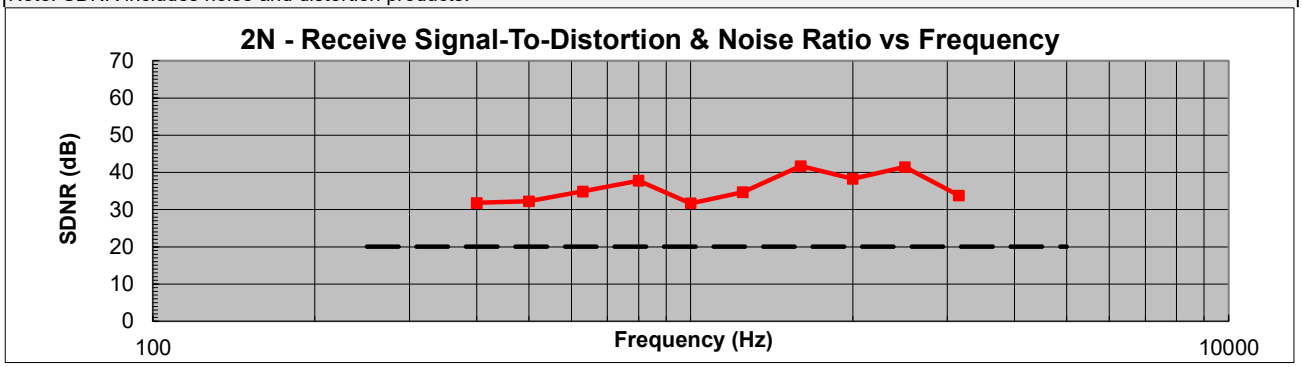
Receive Volume Control Performance

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

Receive Distortion and Noise Performance

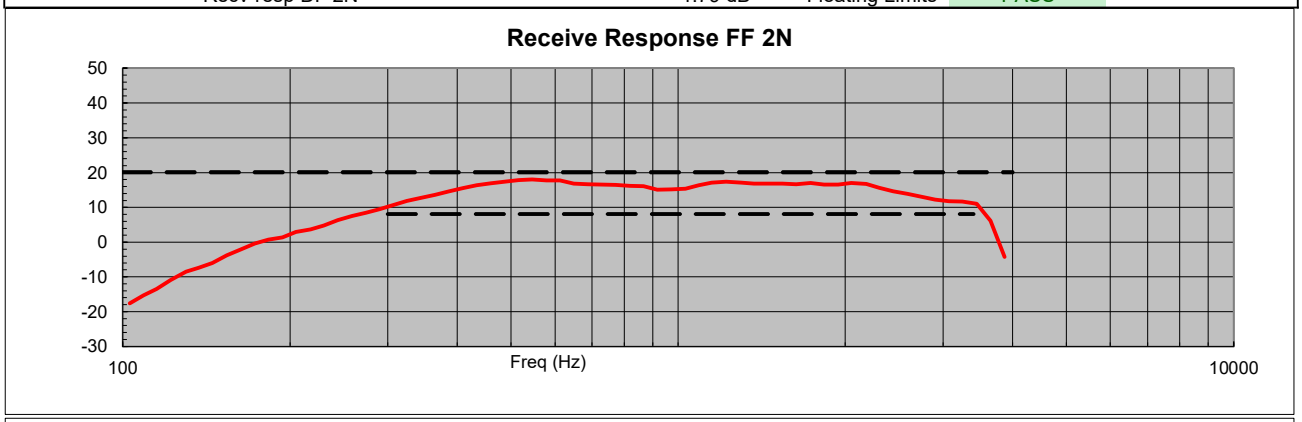
TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.2	Recv PN-SDNR 2N	11.69 dB	Absolute Limits	PASS	

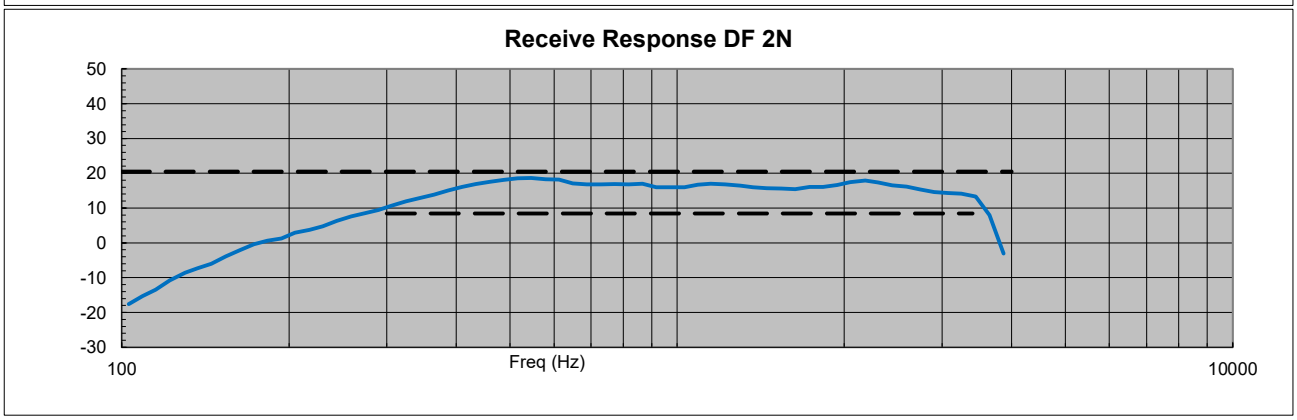
Note: SDNR includes noise and distortion products.



Receive Acoustic Frequency Response Performance

TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.3	Recv resp FF 2N	2.1 dB	Floating Limits	PASS	
	Recv resp DF 2N	1.79 dB	Floating Limits	PASS	





TIA-5050 Receive Volume Control Measurements - 2N

Device Under Test:	L30_EVS-NB24.4_2N

Bandwidth	Narrowband

Test Date:	2024-04-09

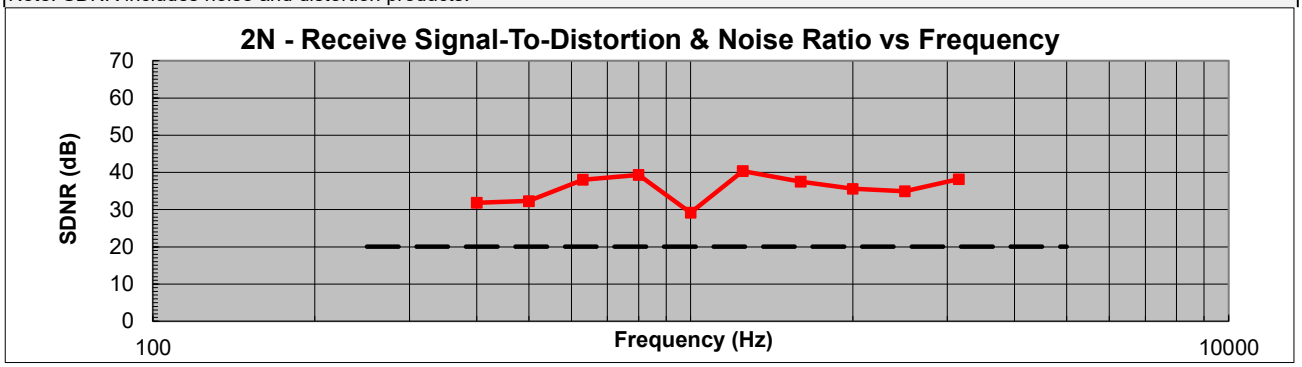
Receive Volume Control Performance

TIA-5050	Test	Measured	Limits	Result	Reference
Clause 5.1	Recv output level dBSPL 2N	86.86 dB	info only		
	Recv conversational gain 2N	16.86 dB	6.00	PASS	

Receive Distortion and Noise Performance

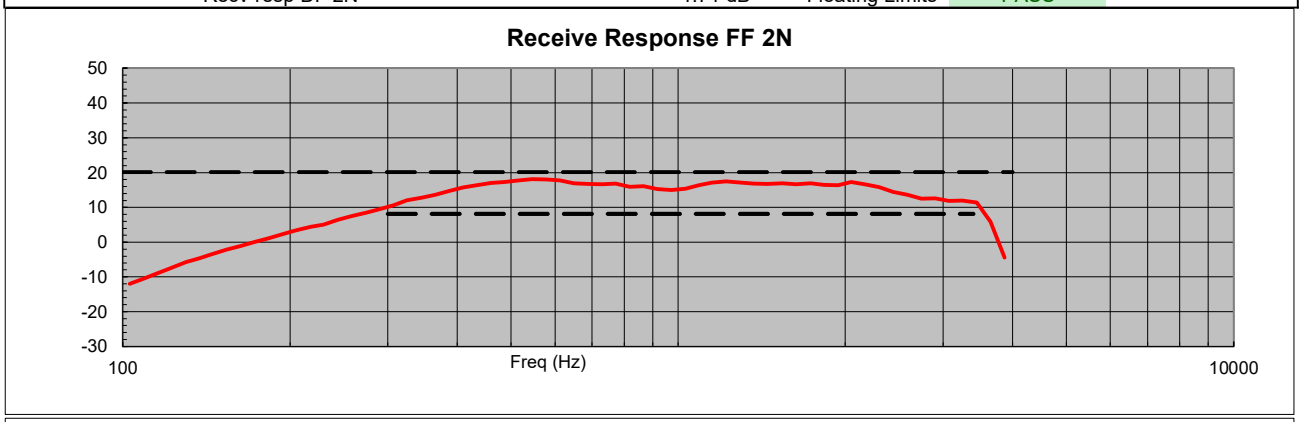
TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.2	Recv PN-SDNR 2N	9.19 dB	Absolute Limits	PASS	

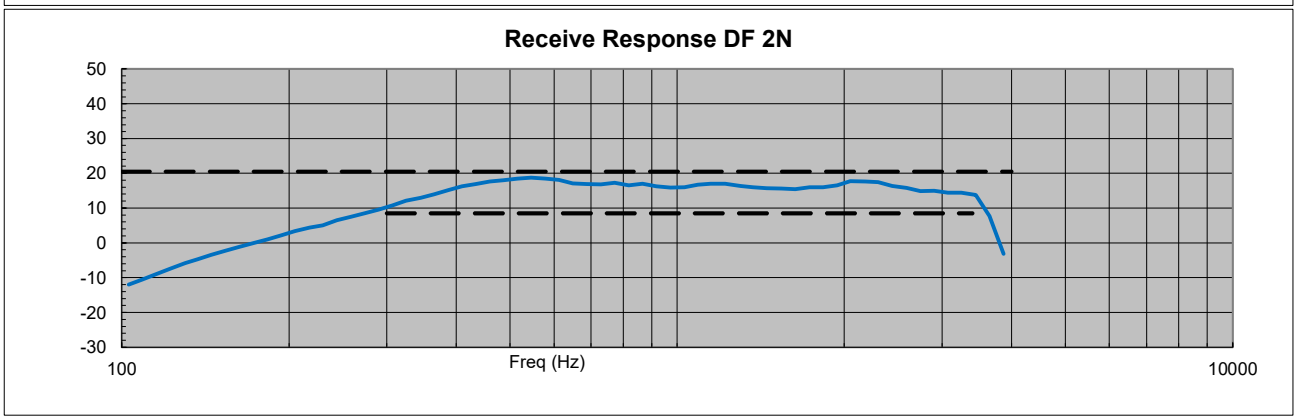
Note: SDNR includes noise and distortion products.



Receive Acoustic Frequency Response Performance

TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.3	Recv resp FF 2N	2.02 dB	Floating Limits	PASS	
	Recv resp DF 2N	1.71 dB	Floating Limits	PASS	





TIA-5050 Receive Volume Control Measurements - 2N

Device Under Test:	L66_EVS-NB24.4_2N

Bandwidth	Narrowband

Test Date:	2024-04-09

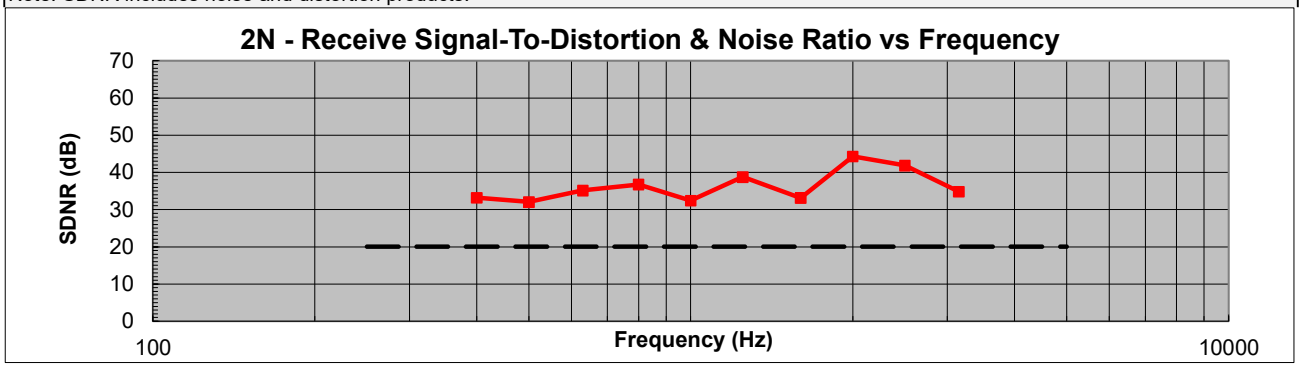
Receive Volume Control Performance

TIA-5050	Test	Measured	Limits	Result	Reference
Clause 5.1	Recv output level dBSPL 2N	86.77 dB	info only		
	Recv conversational gain 2N	16.77 dB	6.00	PASS	

Receive Distortion and Noise Performance

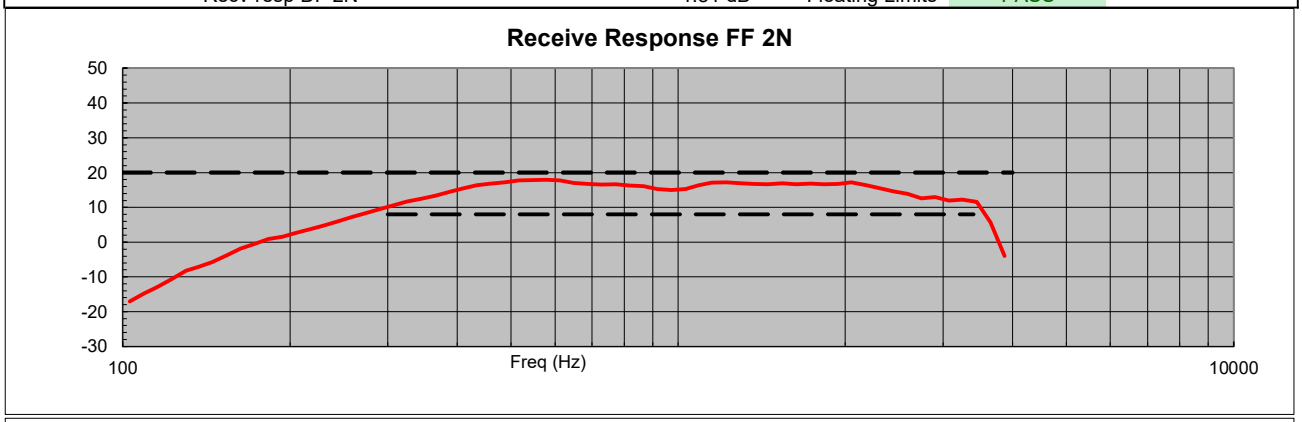
TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.2	Recv PN-SDNR 2N	12.06 dB	Absolute Limits	PASS	

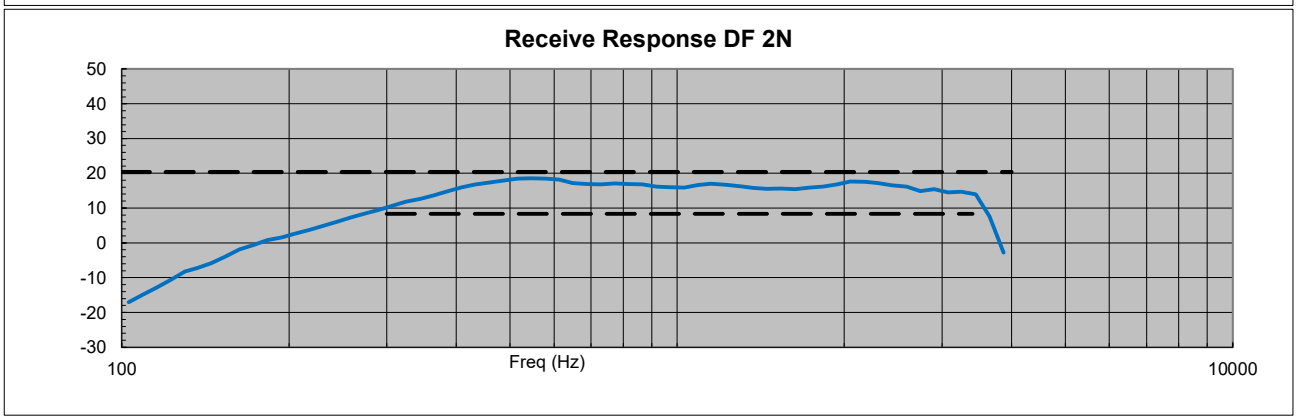
Note: SDNR includes noise and distortion products.



Receive Acoustic Frequency Response Performance

TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.3	Recv resp FF 2N	2.11 dB	Floating Limits	PASS	
	Recv resp DF 2N	1.81 dB	Floating Limits	PASS	





TIA-5050 Receive Volume Control Measurements - 2N

Device Under Test:	L71_EVS-NB24.4_2N

Bandwidth	Narrowband

Test Date:	2024-04-09

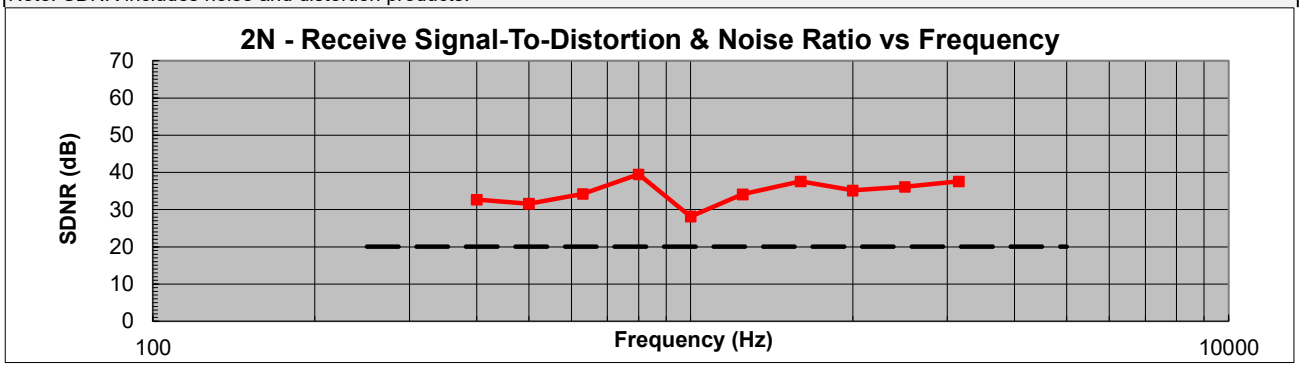
Receive Volume Control Performance

TIA-5050	Test	Measured	Limits	Result	Reference
Clause 5.1	Recv output level dBSPL 2N	86.99 dB	info only		
	Recv conversational gain 2N	16.99 dB	6.00	PASS	

Receive Distortion and Noise Performance

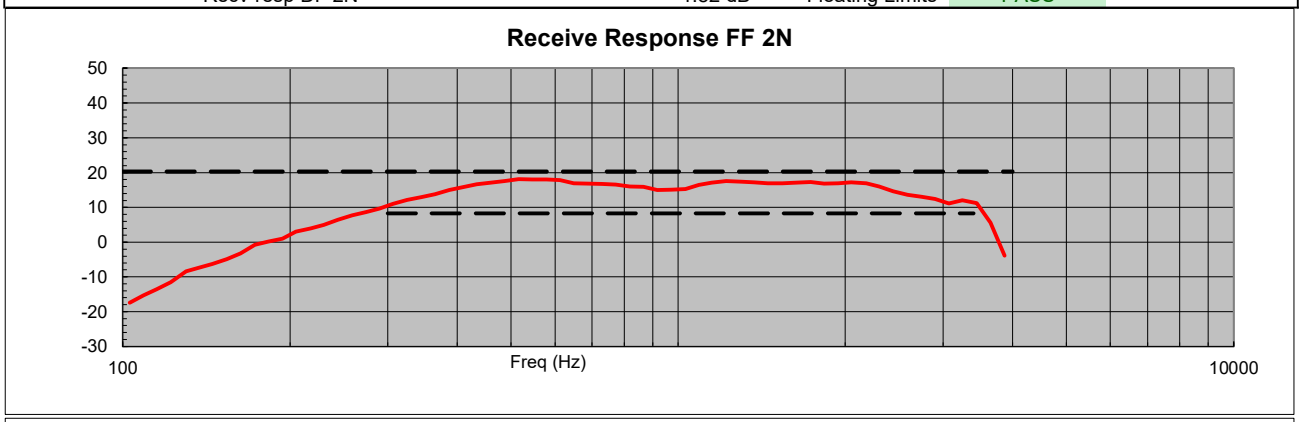
TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.2	Recv PN-SDNR 2N	8.17 dB	Absolute Limits	PASS	

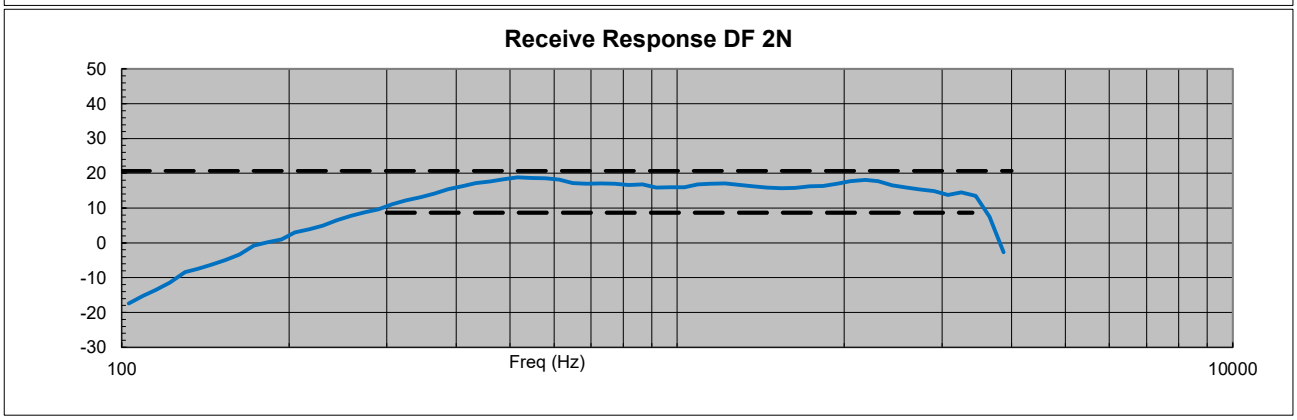
Note: SDNR includes noise and distortion products.



Receive Acoustic Frequency Response Performance

TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.3	Recv resp FF 2N	2.15 dB	Floating Limits	PASS	
	Recv resp DF 2N	1.82 dB	Floating Limits	PASS	





TIA-5050 Receive Volume Control Measurements - 2N

Device Under Test:	L41_ch41490_2N

Bandwidth	Narrowband

Test Date:	2024-04-05

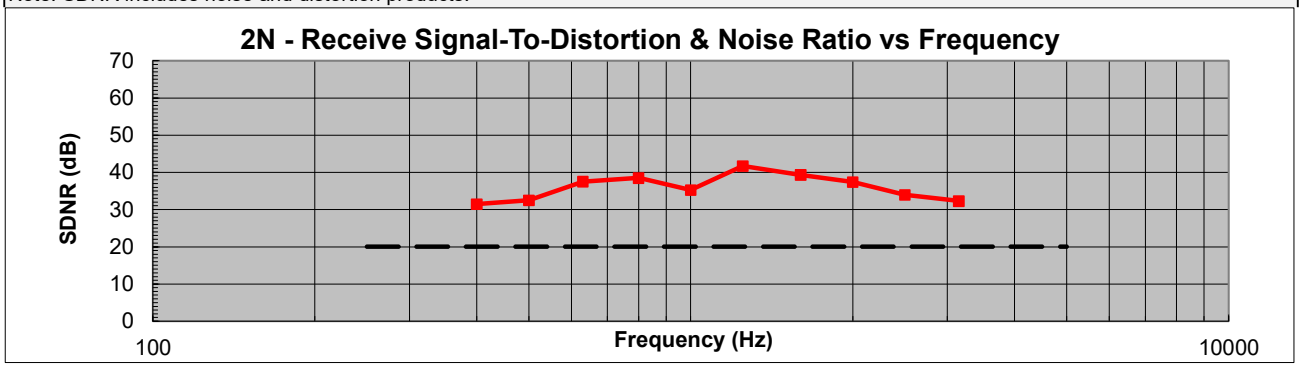
Receive Volume Control Performance

TIA-5050	Test	Measured	Limits	Result	Reference
Clause 5.1	Recv output level dBSPL 2N	86.81 dB	info only		
	Recv conversational gain 2N	16.81 dB	6.00	PASS	

Receive Distortion and Noise Performance

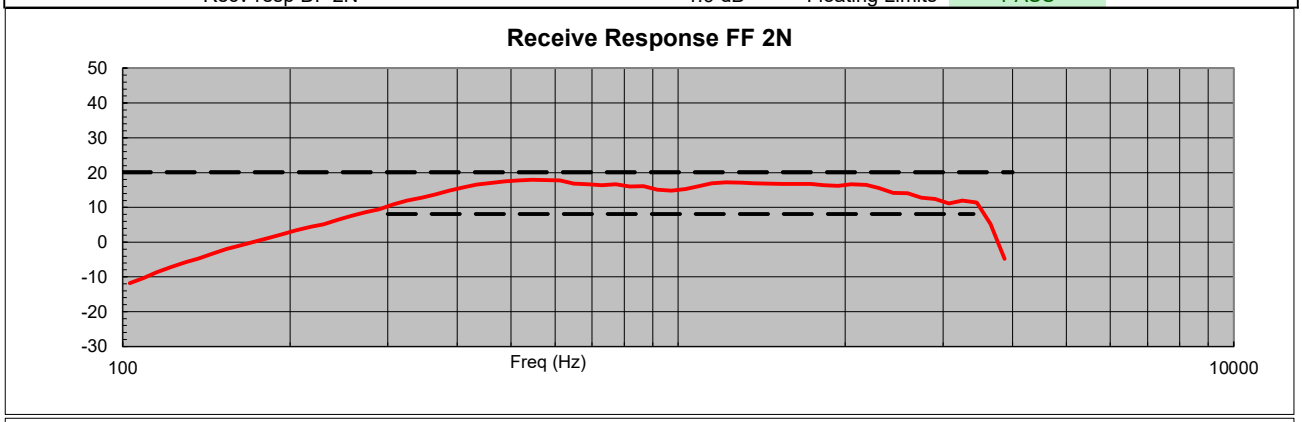
TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.2	Recv PN-SDNR 2N	11.48 dB	Absolute Limits	PASS	

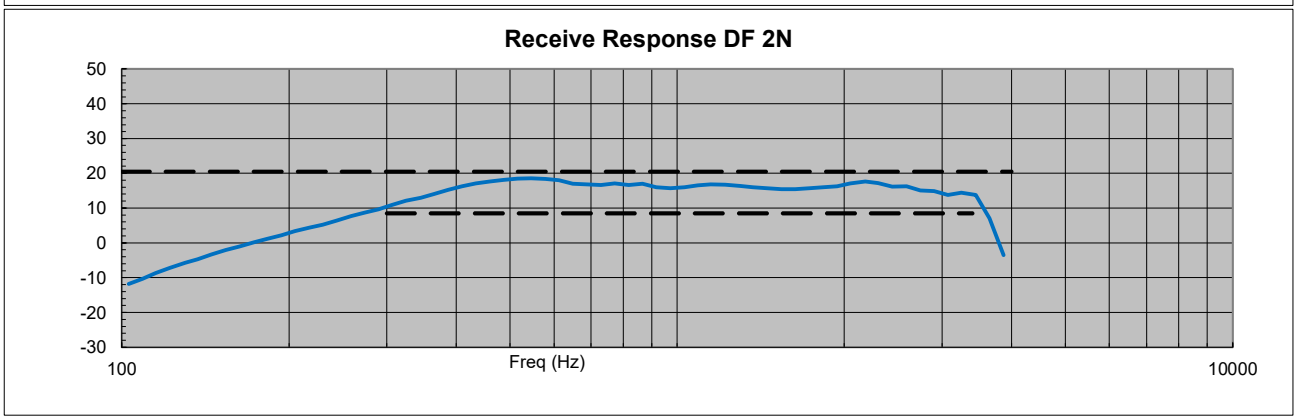
Note: SDNR includes noise and distortion products.



Receive Acoustic Frequency Response Performance

TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.3	Recv resp FF 2N	2.21 dB	Floating Limits	PASS	
	Recv resp DF 2N	1.9 dB	Floating Limits	PASS	





TIA-5050 Receive Volume Control Measurements - 2N

Device Under Test:	L41_PC3_EVS-NB24.4_2N

Bandwidth	Narrowband

Test Date:	2024-04-05

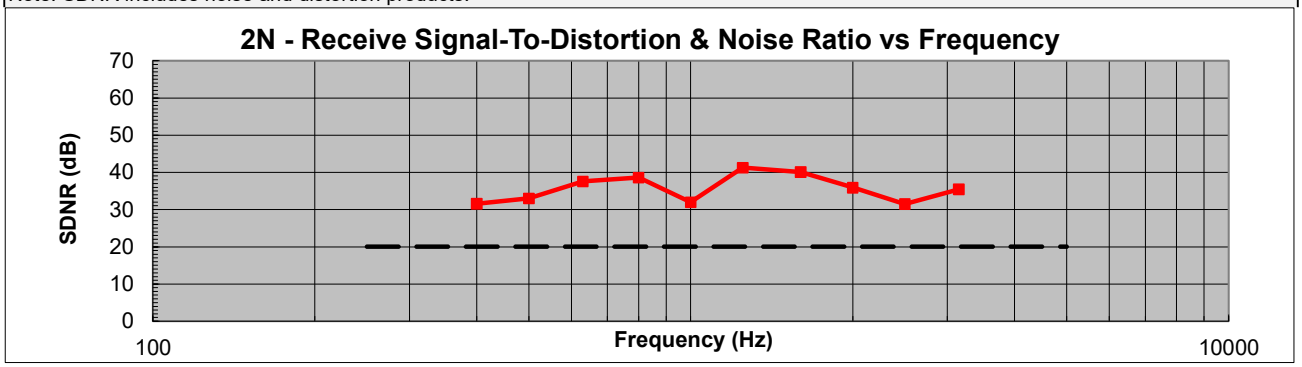
Receive Volume Control Performance

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

Receive Distortion and Noise Performance

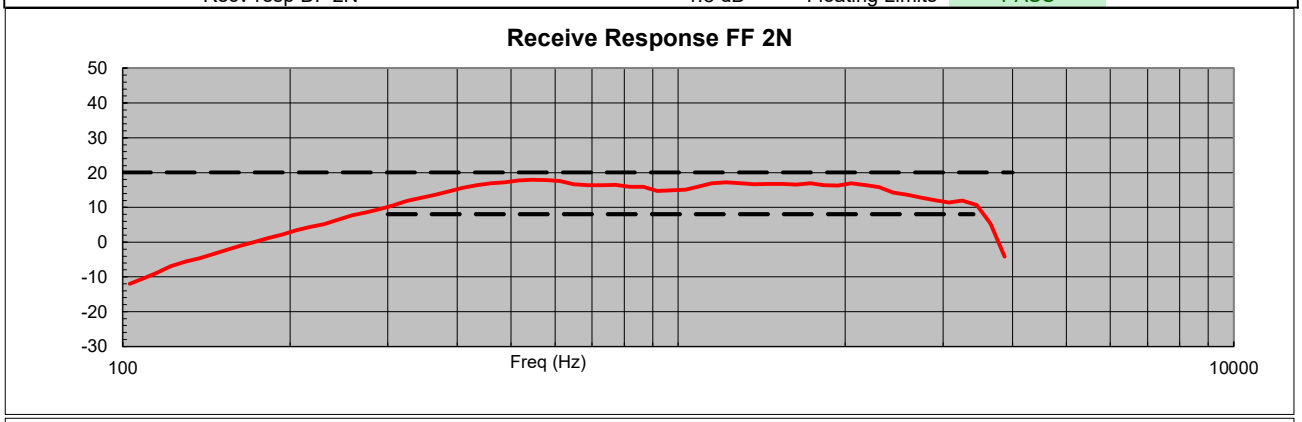
TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.2	Recv PN-SDNR 2N	11.51 dB	Absolute Limits	PASS	

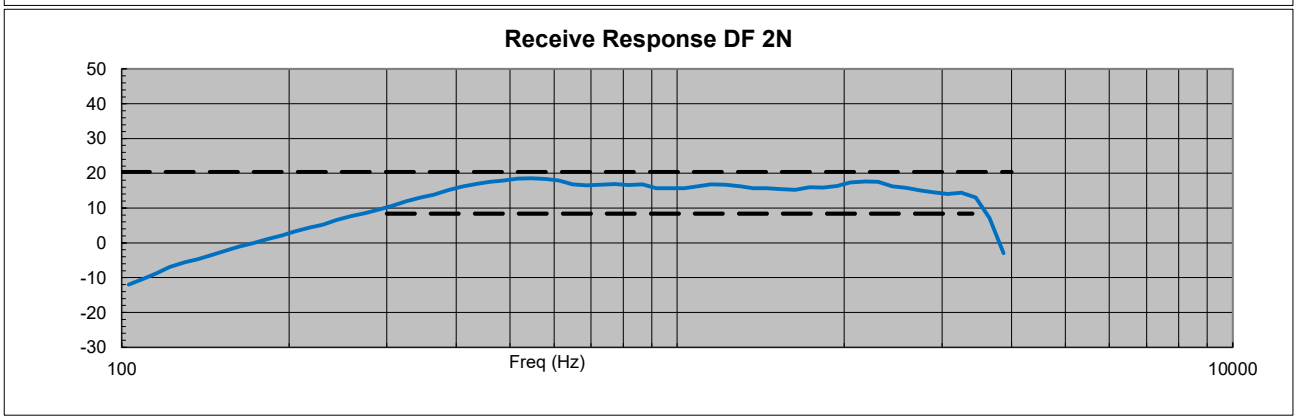
Note: SDNR includes noise and distortion products.



Receive Acoustic Frequency Response Performance

TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.3	Recv resp FF 2N	2.11 dB	Floating Limits	PASS	
	Recv resp DF 2N	1.8 dB	Floating Limits	PASS	





TIA-5050 Receive Volume Control Measurements - 2N

Device Under Test:	L48_EVS-NB24.4_2N

Bandwidth	Narrowband

Test Date:	2024-04-05

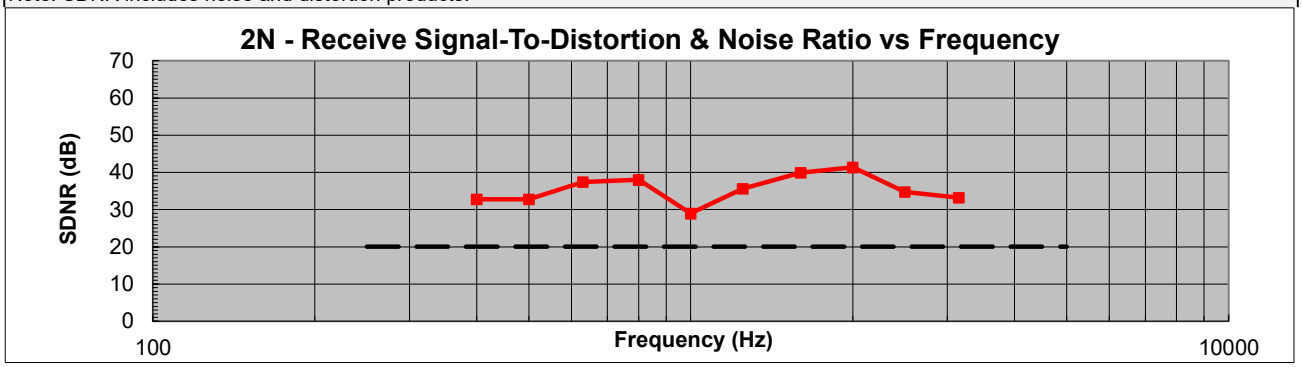
Receive Volume Control Performance

TIA-5050	Test	Measured	Limits	Result	Reference
Clause 5.1	Recv output level dBSPL 2N	86.75 dB	info only		
	Recv conversational gain 2N	16.75 dB	6.00	PASS	

Receive Distortion and Noise Performance

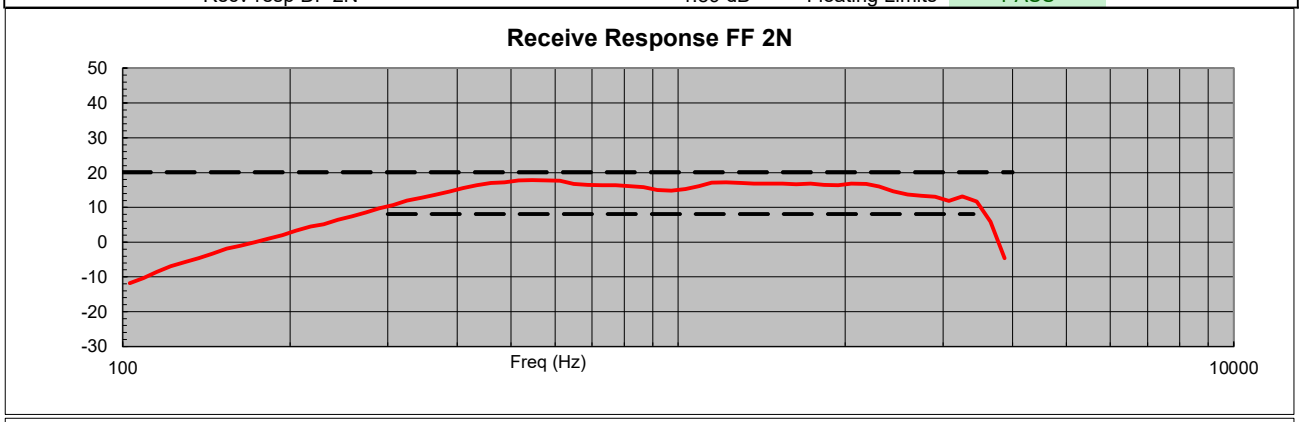
TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.2	Recv PN-SDNR 2N	8.96 dB	Absolute Limits	PASS	

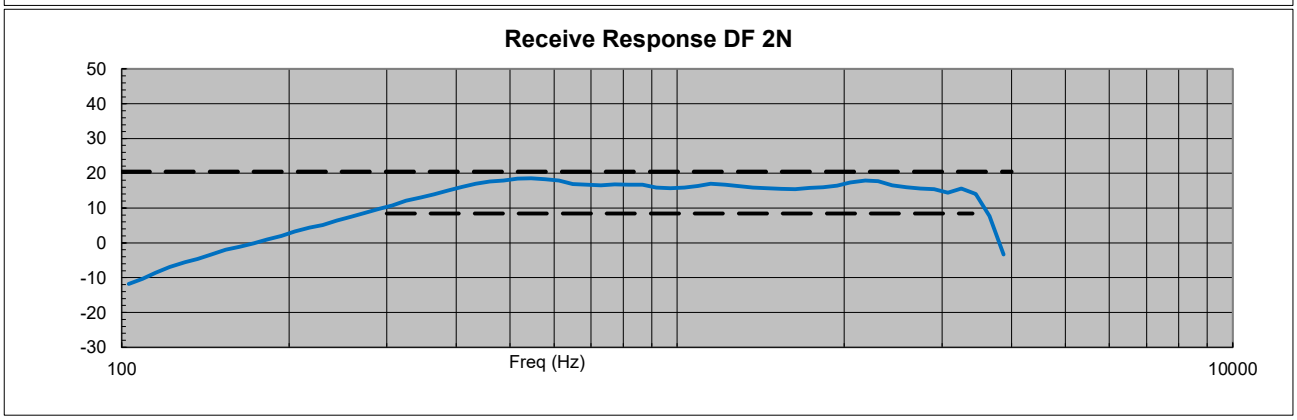
Note: SDNR includes noise and distortion products.



Receive Acoustic Frequency Response Performance

TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.3	Recv resp FF 2N	2.2 dB	Floating Limits	PASS	
	Recv resp DF 2N	1.89 dB	Floating Limits	PASS	





TIA-5050 Receive Volume Control Measurements - 2N

Device Under Test:	N7_EVS-NB24.4_2N

Bandwidth	Narrowband

Test Date:	2024-04-22

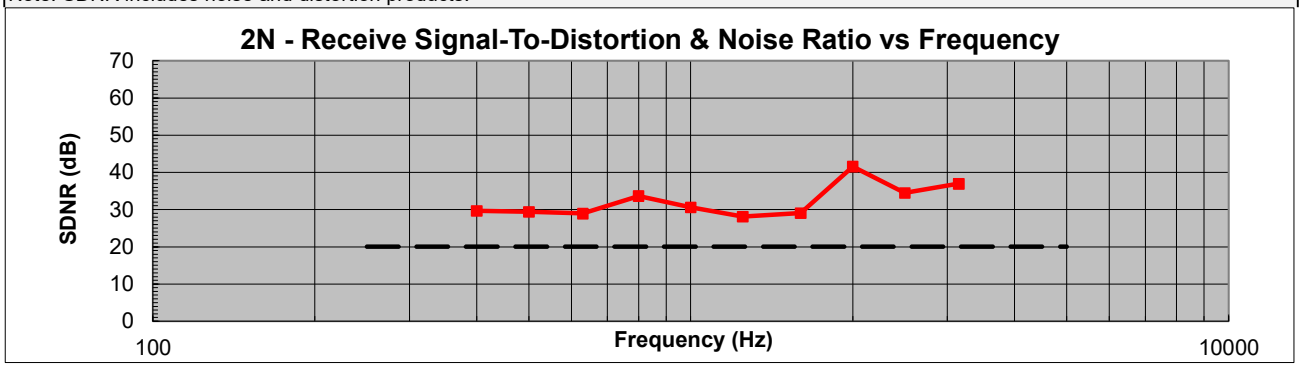
Receive Volume Control Performance

TIA-5050	Test	Measured	Limits	Result	Reference
Clause 5.1	Recv output level dBSPL 2N	87.52 dB	info only		
	Recv conversational gain 2N	17.52 dB	6.00	PASS	

Receive Distortion and Noise Performance

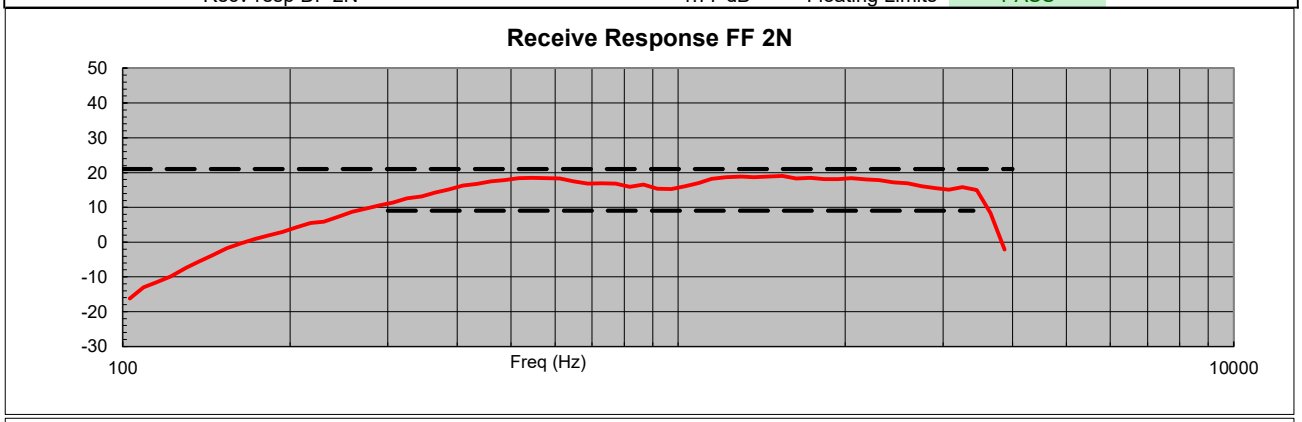
TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.2	Recv PN-SDNR 2N	8.12 dB	Absolute Limits	PASS	

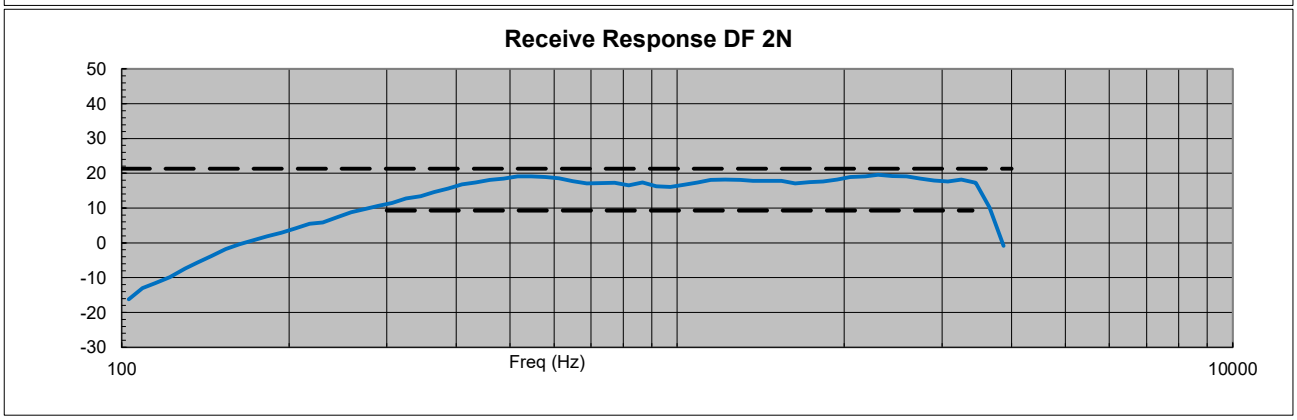
Note: SDNR includes noise and distortion products.



Receive Acoustic Frequency Response Performance

TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.3	Recv resp FF 2N	2 dB	Floating Limits	PASS	
	Recv resp DF 2N	1.77 dB	Floating Limits	PASS	





TIA-5050 Receive Volume Control Measurements - 2N

Device Under Test:	N12_EVS-NB24.4_2N

Bandwidth	Narrowband

Test Date:	2024-04-20

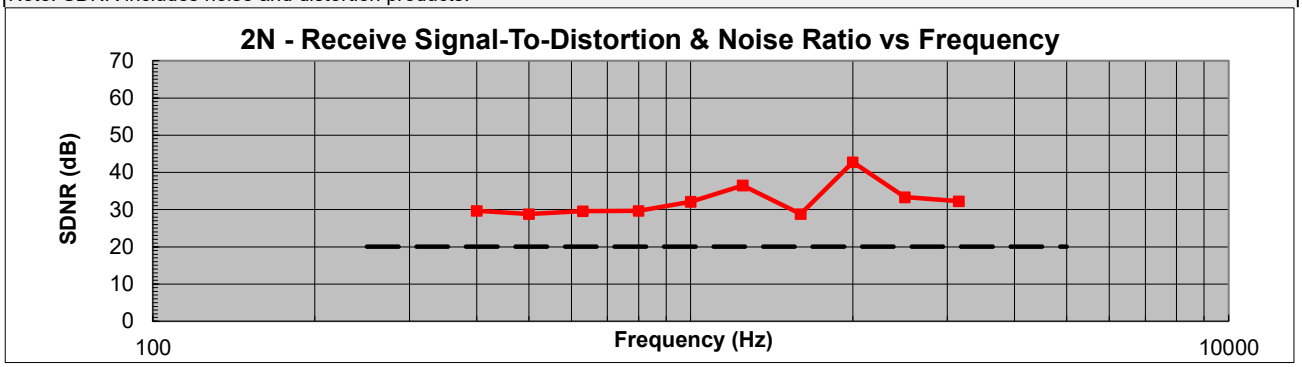
Receive Volume Control Performance

TIA-5050	Test	Measured	Limits	Result	Reference
Clause 5.1	Recv output level dBSPL 2N	87.46 dB	info only		
	Recv conversational gain 2N	17.46 dB	6.00	PASS	

Receive Distortion and Noise Performance

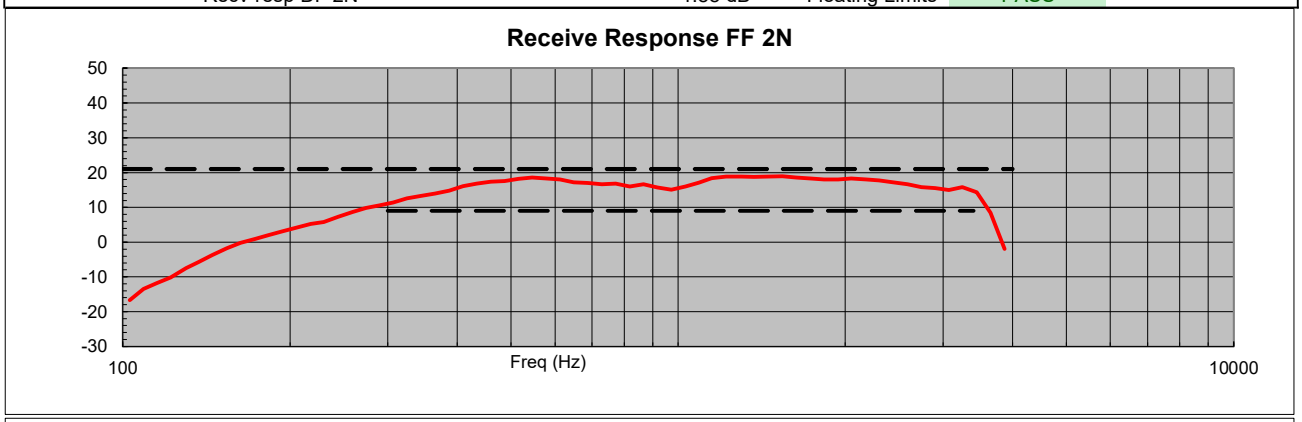
TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.2	Recv PN-SDNR 2N	8.81 dB	Absolute Limits	PASS	

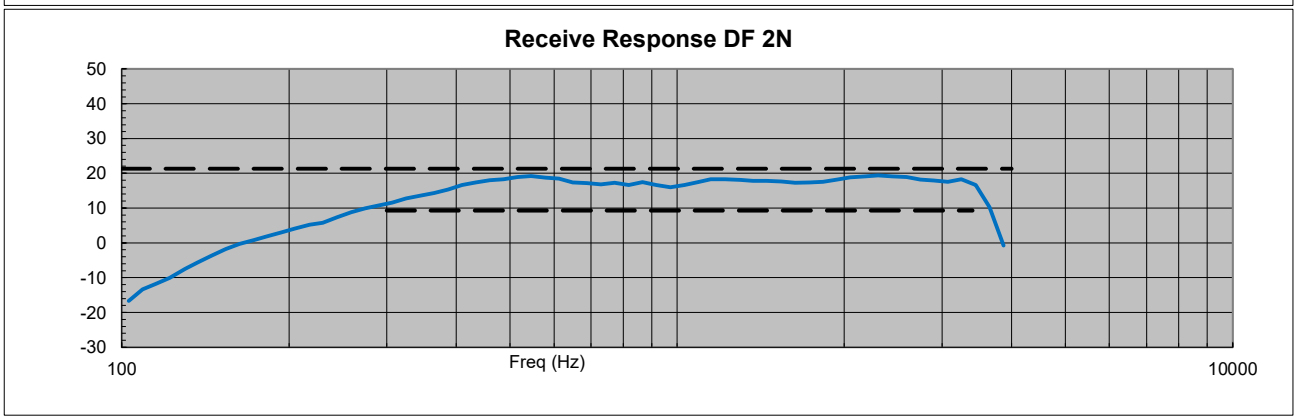
Note: SDNR includes noise and distortion products.



Receive Acoustic Frequency Response Performance

TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.3	Recv resp FF 2N	2.1 dB	Floating Limits	PASS	
	Recv resp DF 2N	1.88 dB	Floating Limits	PASS	





TIA-5050 Receive Volume Control Measurements - 2N

Device Under Test:	N25_EVS-NB24.4_2N

Bandwidth	Narrowband

Test Date:	2024-04-22

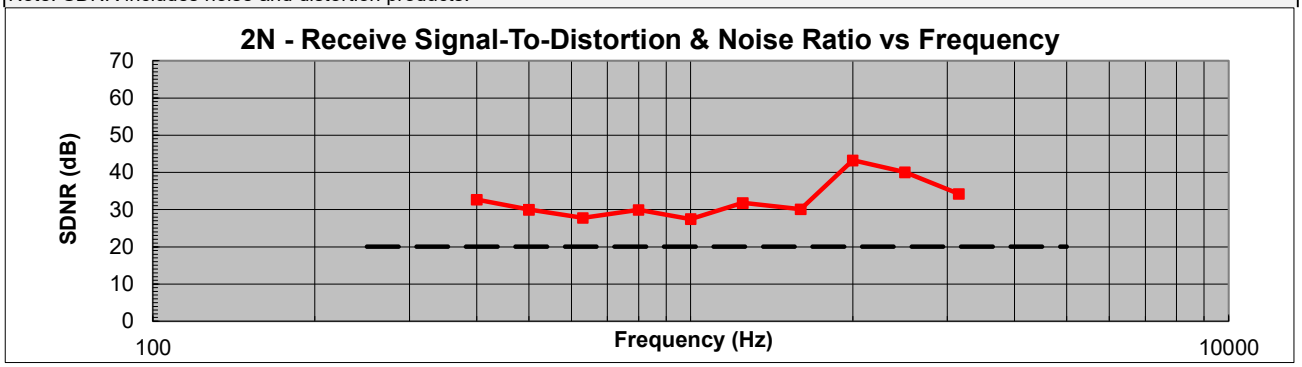
Receive Volume Control Performance

TIA-5050	Test	Measured	Limits	Result	Reference
Clause 5.1	Recv output level dBSPL 2N	87.49 dB	info only		
	Recv conversational gain 2N	17.49 dB	6.00	PASS	

Receive Distortion and Noise Performance

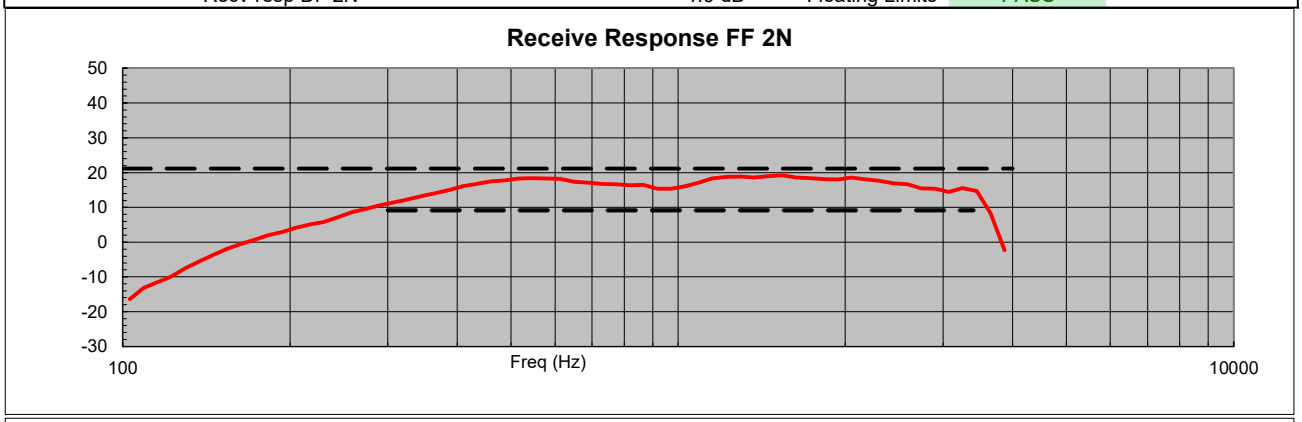
TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.2	Recv PN-SDNR 2N	7.47 dB	Absolute Limits	PASS	

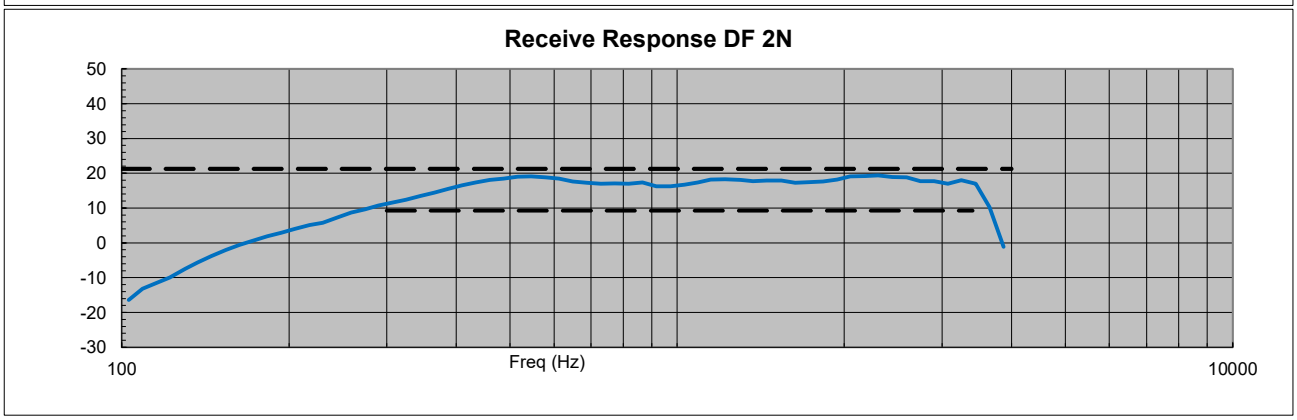
Note: SDNR includes noise and distortion products.



Receive Acoustic Frequency Response Performance

TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.3	Recv resp FF 2N	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:	N26_EVS-NB24.4_2N

Bandwidth	Narrowband

Test Date:	2024-04-22

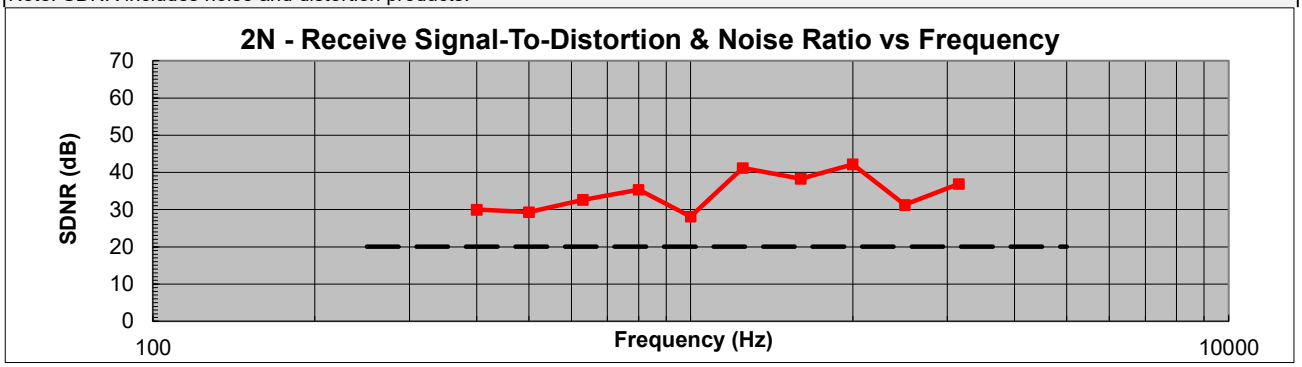
Receive Volume Control Performance

TIA-5050	Test	Measured	Limits	Result	Reference
Clause 5.1	Recv output level dBSPL 2N	87.5 dB	info only		
	Recv conversational gain 2N	17.5 dB	6.00	PASS	

Receive Distortion and Noise Performance

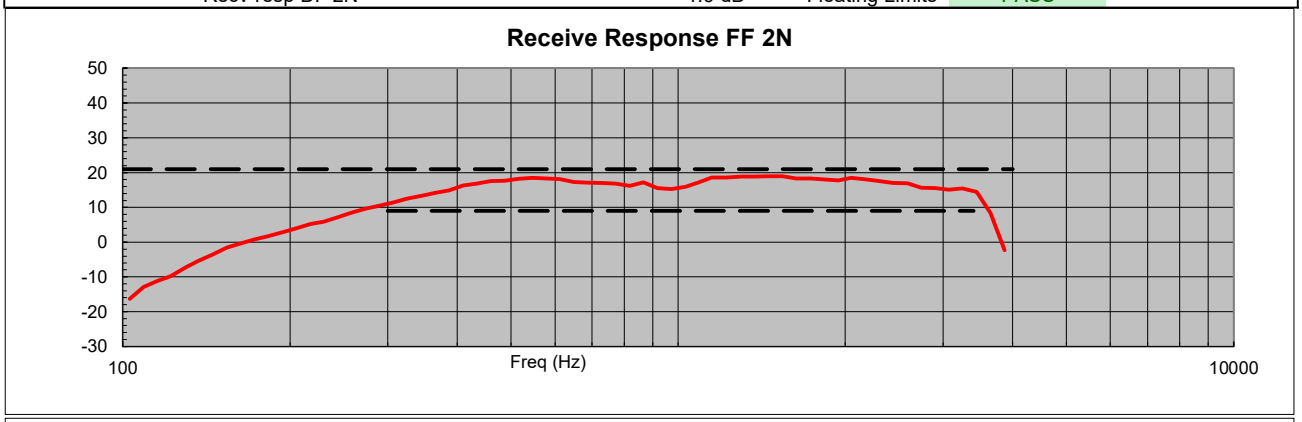
TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.2	Recv PN-SDNR 2N	8.1 dB	Absolute Limits	PASS	

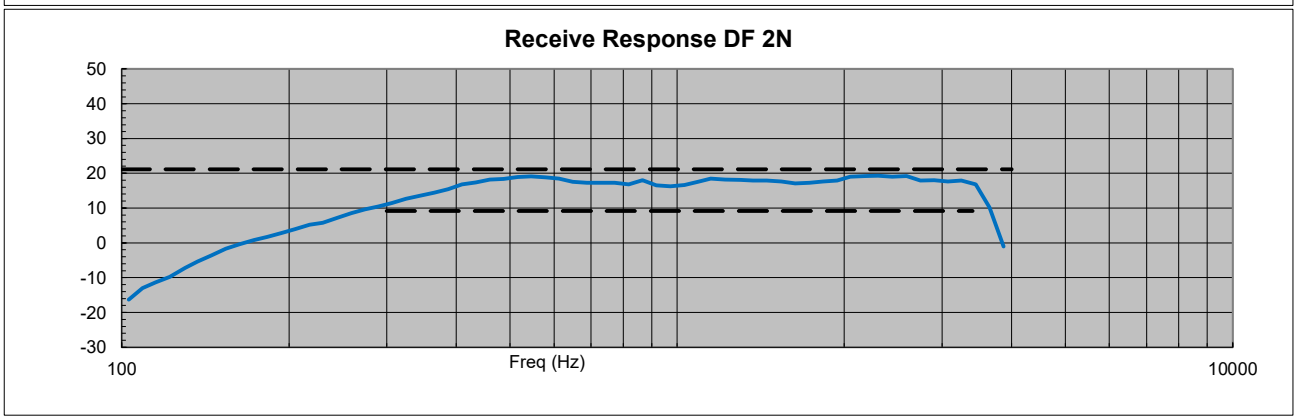
Note: SDNR includes noise and distortion products.



Receive Acoustic Frequency Response Performance

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





TIA-5050 Receive Volume Control Measurements - 2N

Device Under Test:	N30_EVS-NB24.4_2N

Bandwidth	Narrowband

Test Date:	2024-04-22

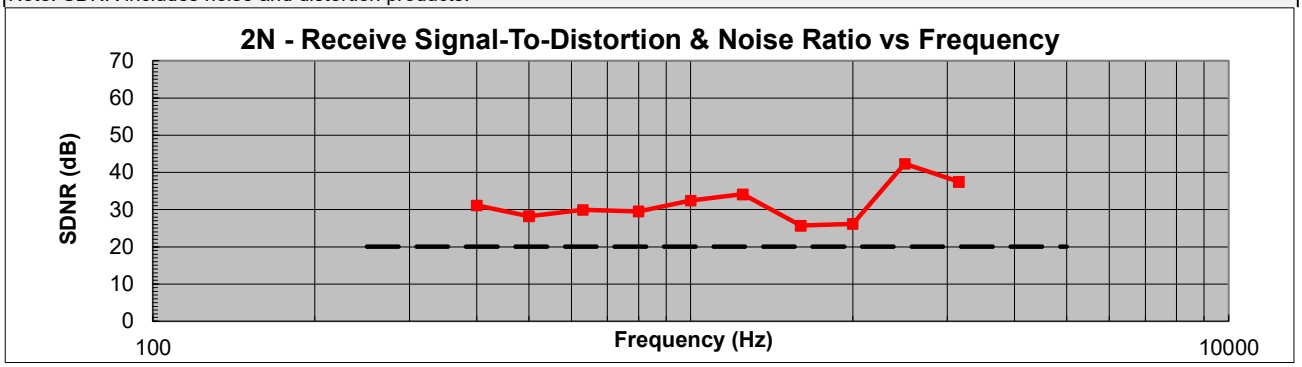
Receive Volume Control Performance

TIA-5050	Test	Measured	Limits	Result	Reference
Clause 5.1	Recv output level dBSPL 2N	87.38 dB	info only		
	Recv conversational gain 2N	17.38 dB	6.00	PASS	

Receive Distortion and Noise Performance

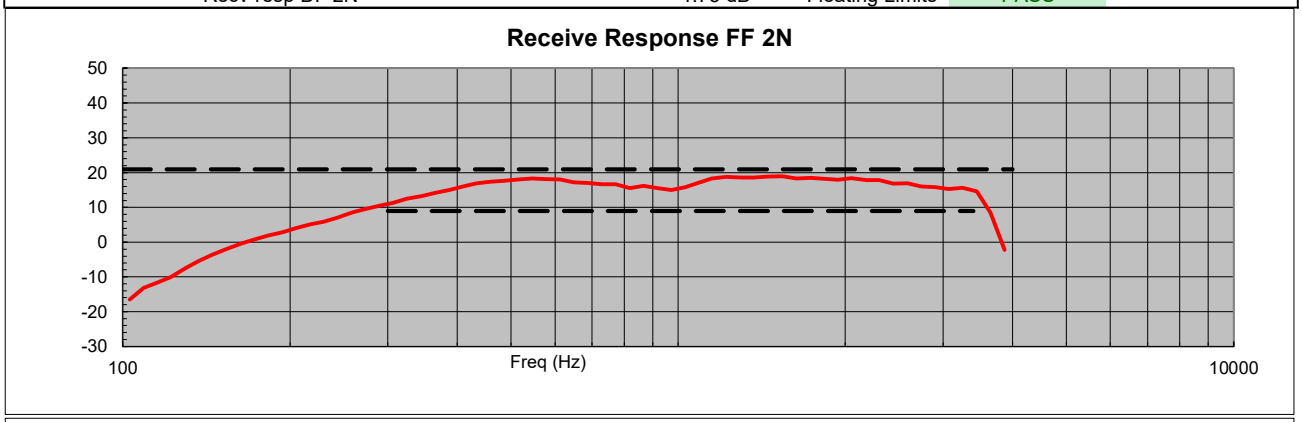
TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.2	Recv PN-SDNR 2N	5.68 dB	Absolute Limits	PASS	

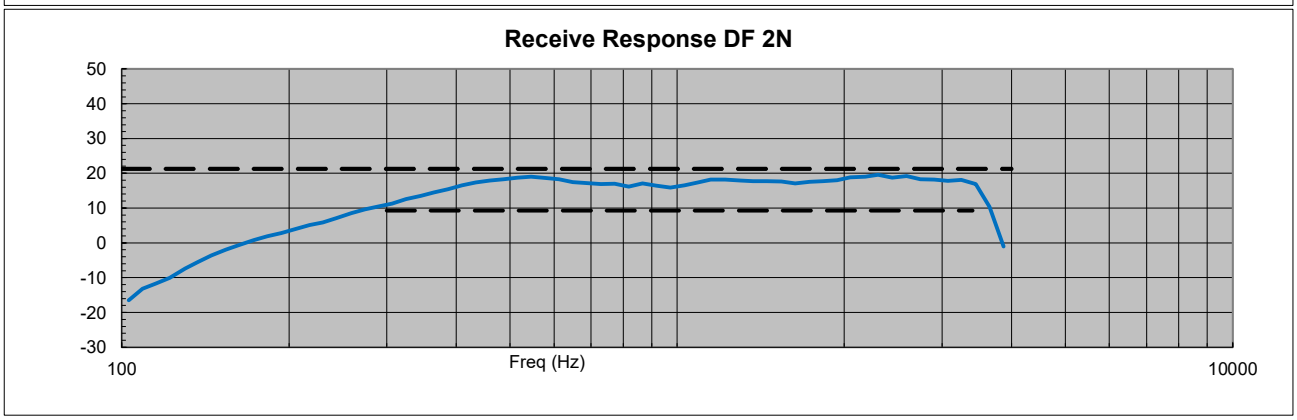
Note: SDNR includes noise and distortion products.



Receive Acoustic Frequency Response Performance

TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.3	Recv resp FF 2N	2 dB	Floating Limits	PASS	
	Recv resp DF 2N	1.73 dB	Floating Limits	PASS	





TIA-5050 Receive Volume Control Measurements - 2N

Device Under Test:	N66_EVS-NB24.4_2N

Bandwidth	Narrowband

Test Date:	2024-04-22

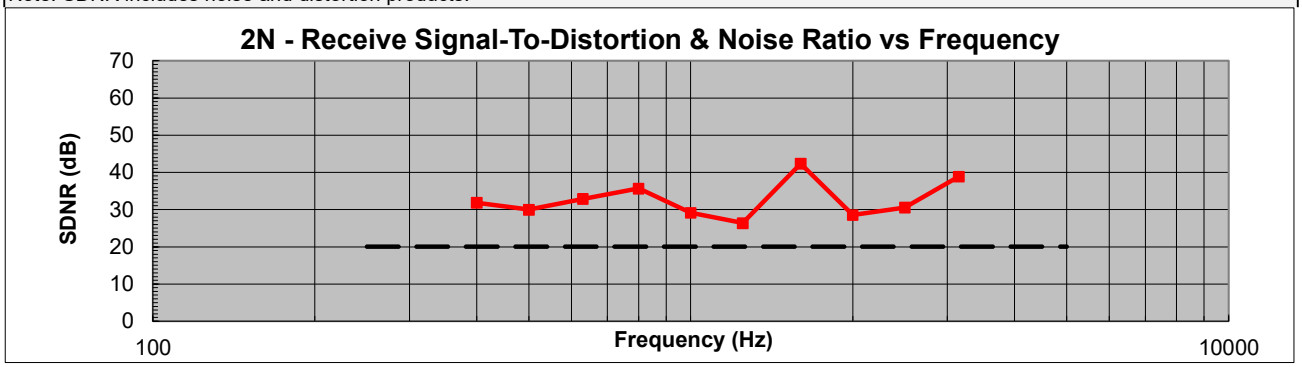
Receive Volume Control Performance

TIA-5050	Test	Measured	Limits	Result	Reference
Clause 5.1	Recv output level dBSPL 2N	87.41 dB	info only		
	Recv conversational gain 2N	17.41 dB	6.00	PASS	

Receive Distortion and Noise Performance

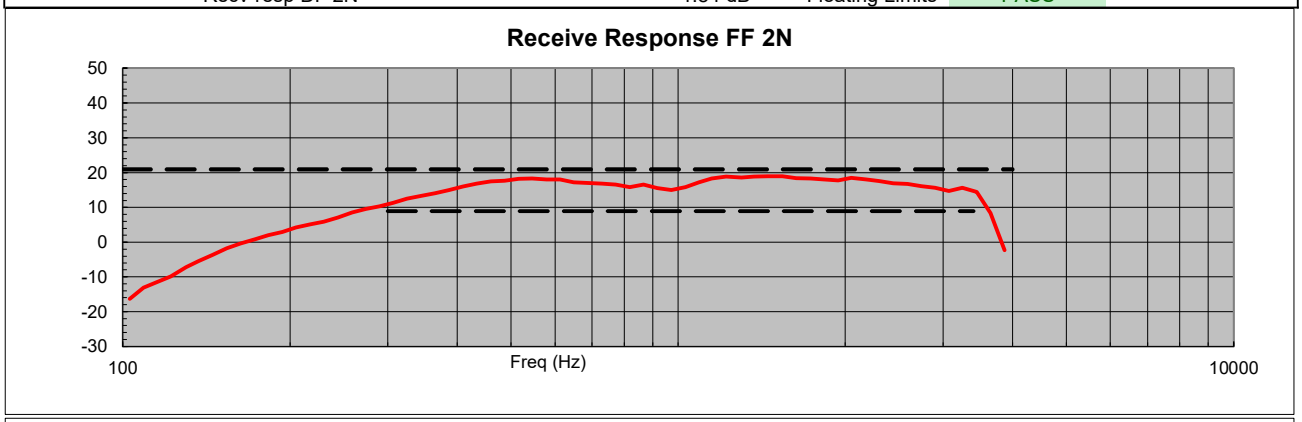
TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.2	Recv PN-SDNR 2N	6.38 dB	Absolute Limits	PASS	

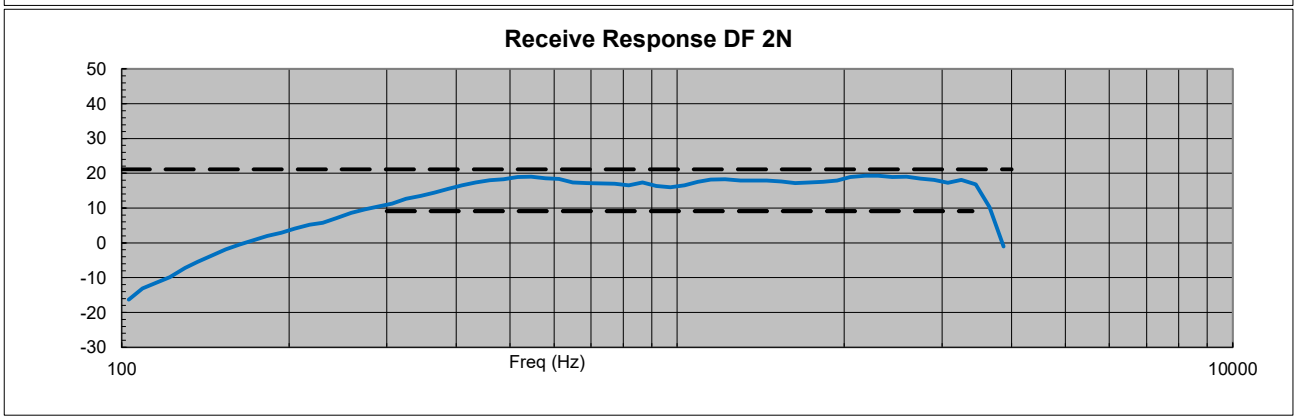
Note: SDNR includes noise and distortion products.



Receive Acoustic Frequency Response Performance

TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.3	Recv resp FF 2N	1.98 dB	Floating Limits	PASS	
	Recv resp DF 2N	1.84 dB	Floating Limits	PASS	





TIA-5050 Receive Volume Control Measurements - 2N

Device Under Test:	N70_EVS-NB24.4_2N

Bandwidth	Narrowband

Test Date:	2024-04-22

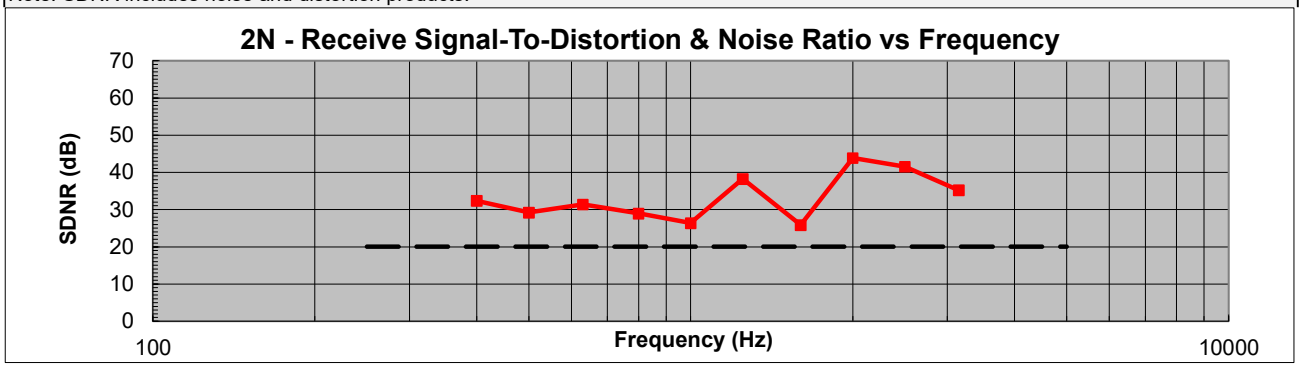
Receive Volume Control Performance

TIA-5050	Test	Measured	Limits	Result	Reference
Clause 5.1	Recv output level dBSPL 2N	87.42 dB	info only		
	Recv conversational gain 2N	17.42 dB	6.00	PASS	

Receive Distortion and Noise Performance

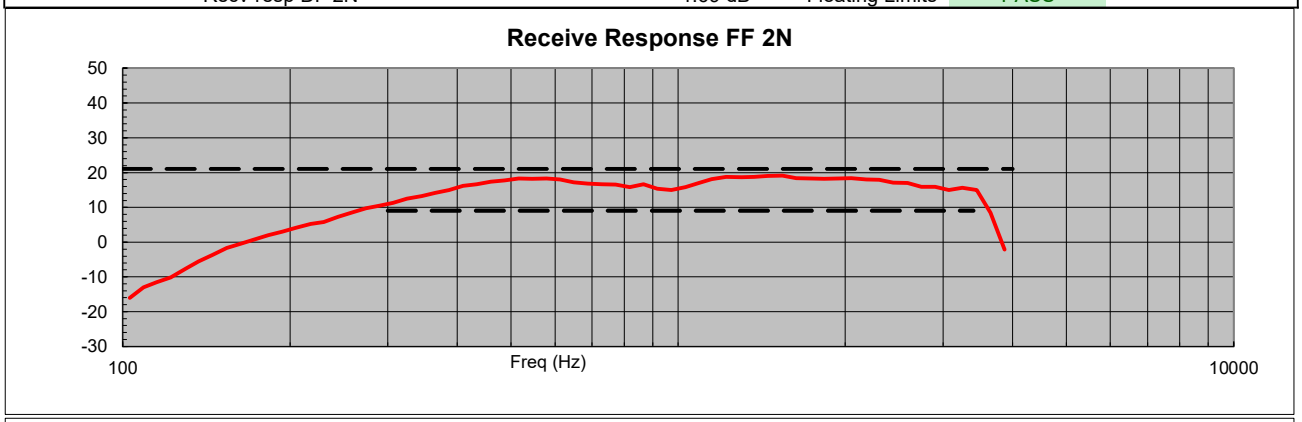
TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.2	Recv PN-SDNR 2N	5.87 dB	Absolute Limits	PASS	

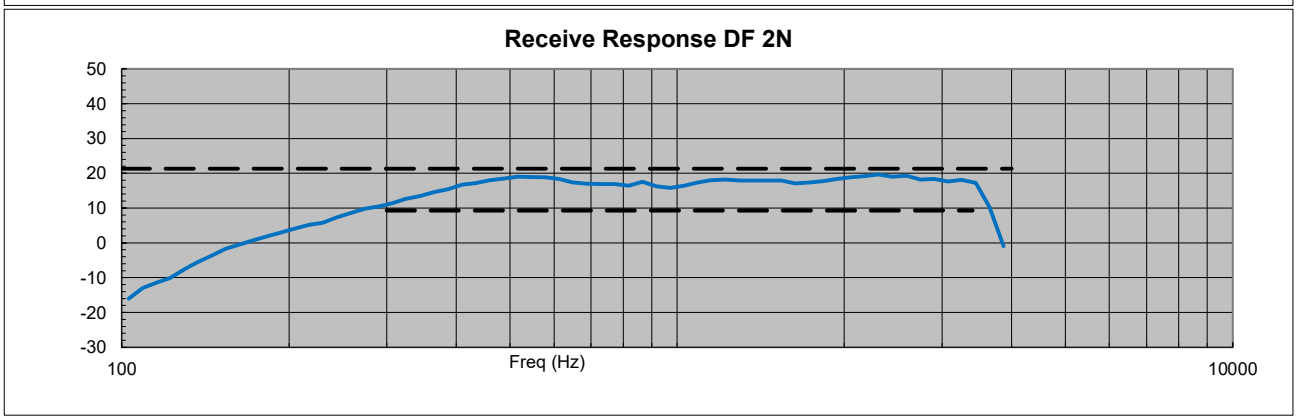
Note: SDNR includes noise and distortion products.



Receive Acoustic Frequency Response Performance

TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.3	Recv resp FF 2N	1.91 dB	Floating Limits	PASS	
	Recv resp DF 2N	1.69 dB	Floating Limits	PASS	





TIA-5050 Receive Volume Control Measurements - 2N

Device Under Test:	N71_EVS-NB24.4_2N

Bandwidth	Narrowband

Test Date:	2024-04-22

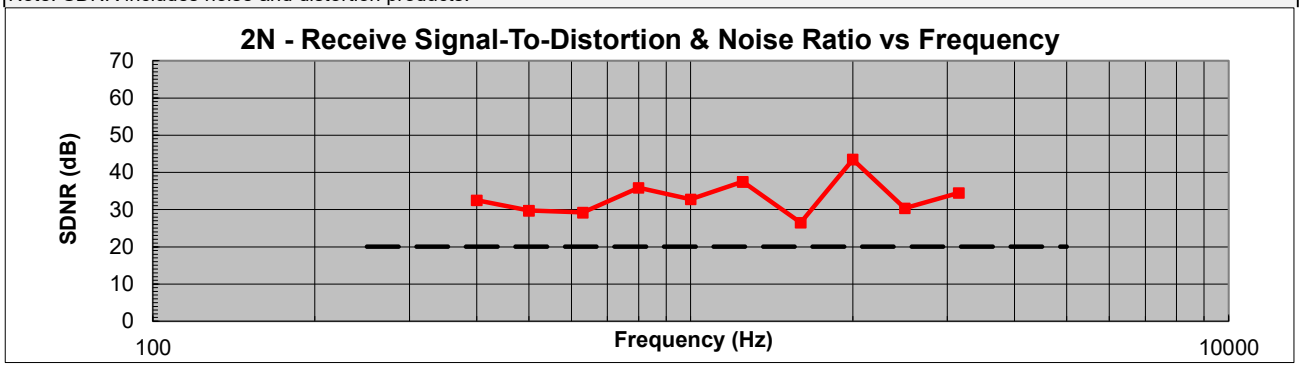
Receive Volume Control Performance

TIA-5050	Test	Measured	Limits	Result	Reference
Clause 5.1	Recv output level dBSPL 2N	87.51 dB	info only		
	Recv conversational gain 2N	17.51 dB	6.00	PASS	

Receive Distortion and Noise Performance

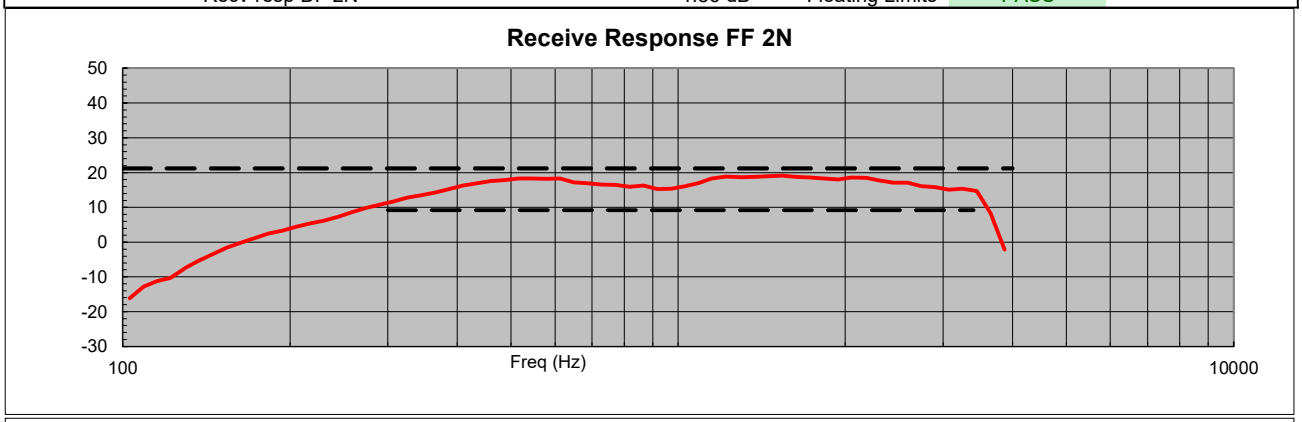
TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.2	Recv PN-SDNR 2N	6.52 dB	Absolute Limits	PASS	

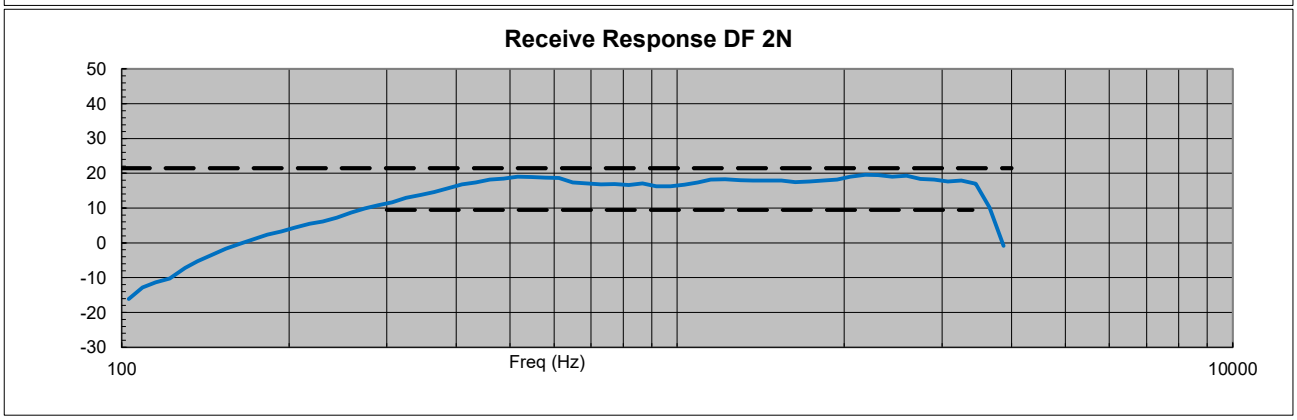
Note: SDNR includes noise and distortion products.



Receive Acoustic Frequency Response Performance

TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.3	Recv resp FF 2N	2.07 dB	Floating Limits	PASS	
	Recv resp DF 2N	1.86 dB	Floating Limits	PASS	





TIA-5050 Receive Volume Control Measurements - 2N

Device Under Test:	N41_PC2_EVS-NB24.4_2N

Bandwidth	Narrowband

Test Date:	2024-04-18

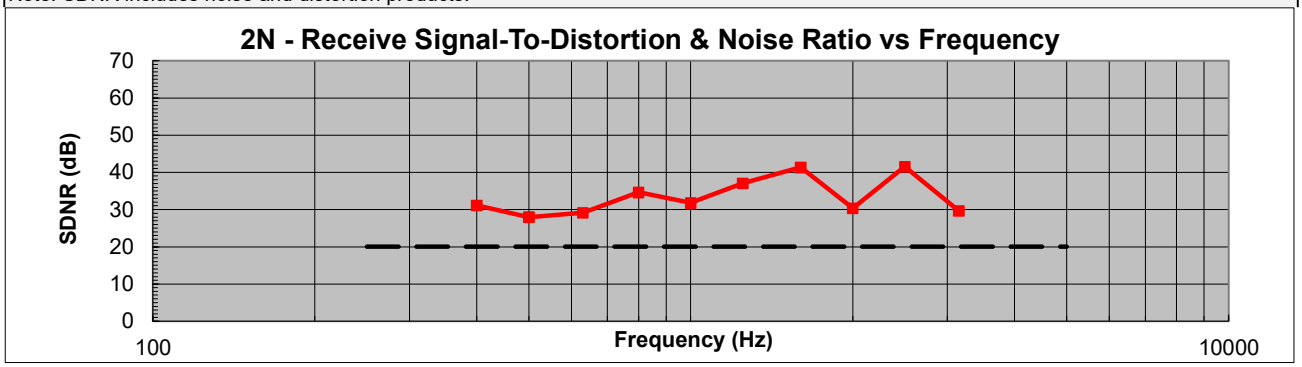
Receive Volume Control Performance

TIA-5050	Test	Measured	Limits	Result	Reference
Clause 5.1	Recv output level dBSPL 2N	87.6 dB	info only		
	Recv conversational gain 2N	17.6 dB	6.00	PASS	

Receive Distortion and Noise Performance

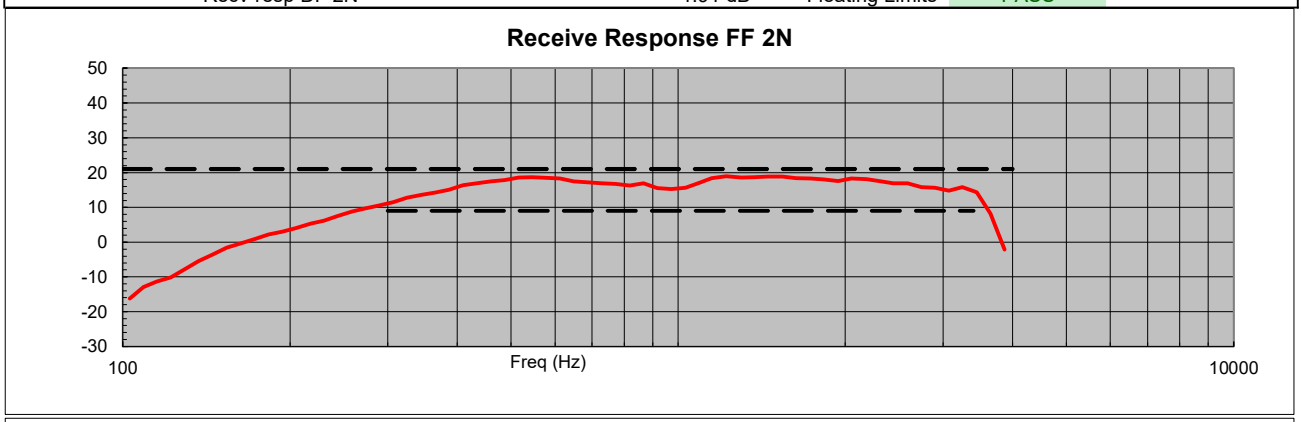
TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.2	Recv PN-SDNR 2N	7.98 dB	Absolute Limits	PASS	

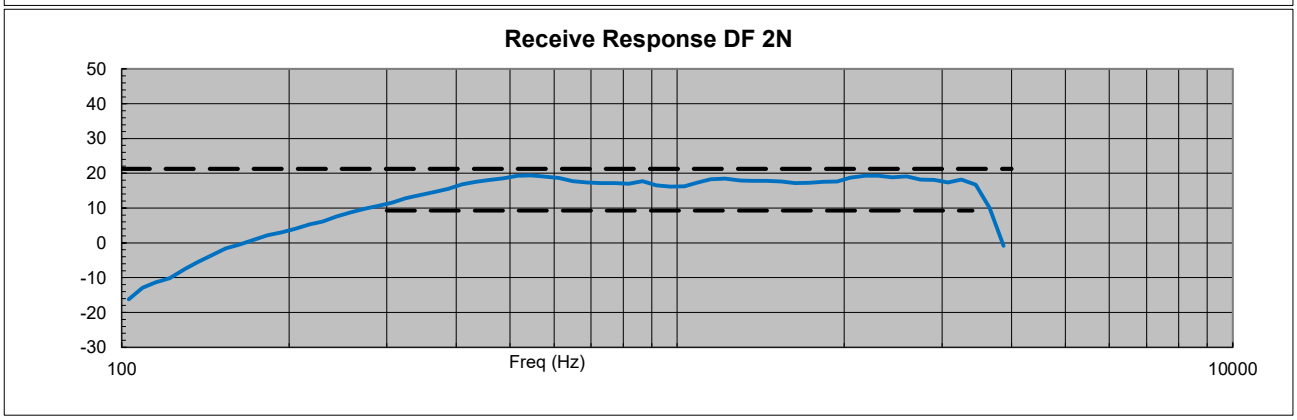
Note: SDNR includes noise and distortion products.



Receive Acoustic Frequency Response Performance

TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.3	Recv resp FF 2N	2.11 dB	Floating Limits	PASS	
	Recv resp DF 2N	1.91 dB	Floating Limits	PASS	





TIA-5050 Receive Volume Control Measurements - 2N

Device Under Test:	N48_EVS-NB24.4_2N

Bandwidth	Narrowband

Test Date:	2024-04-19

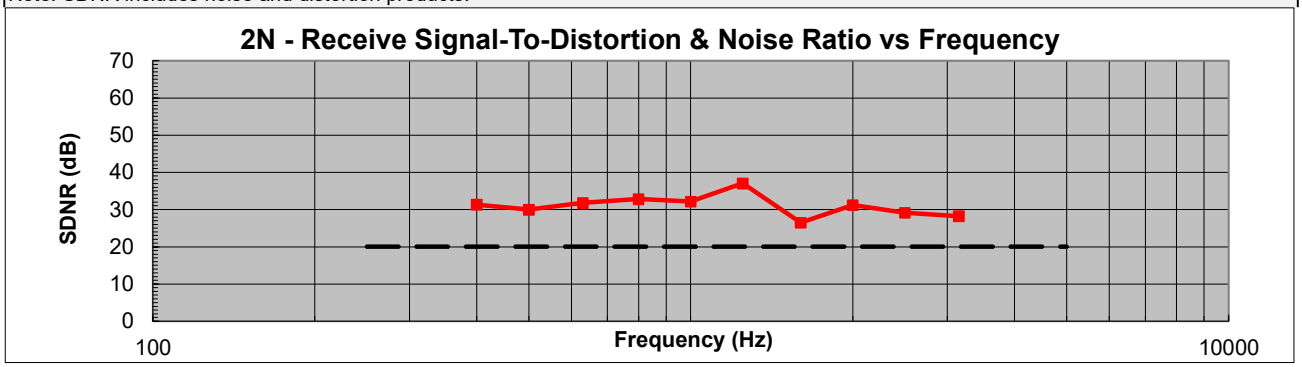
Receive Volume Control Performance

TIA-5050	Test	Measured	Limits	Result	Reference
Clause 5.1	Recv output level dBSPL 2N	87.67 dB	info only		
	Recv conversational gain 2N	17.67 dB	6.00	PASS	

Receive Distortion and Noise Performance

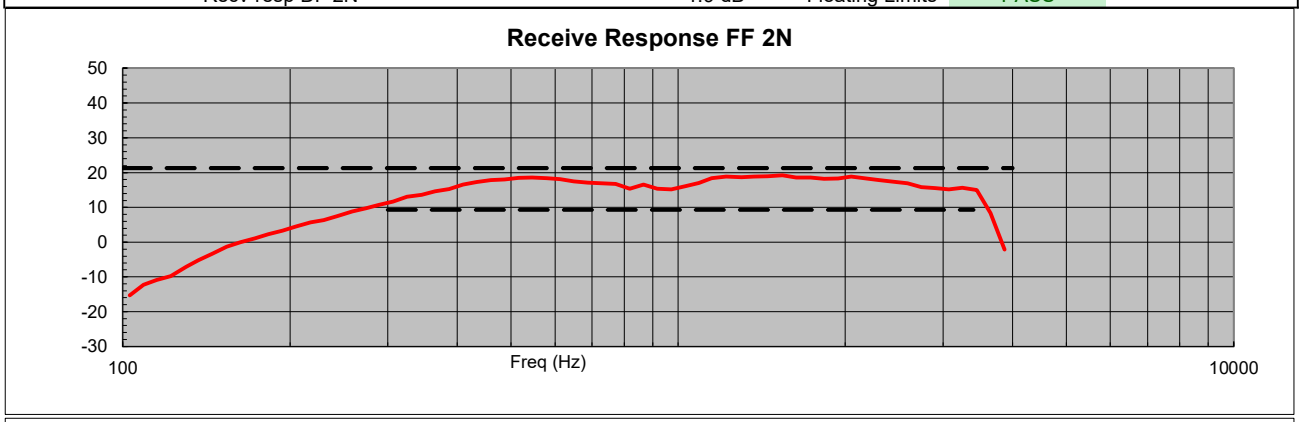
TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.2	Recv PN-SDNR 2N	6.48 dB	Absolute Limits	PASS	

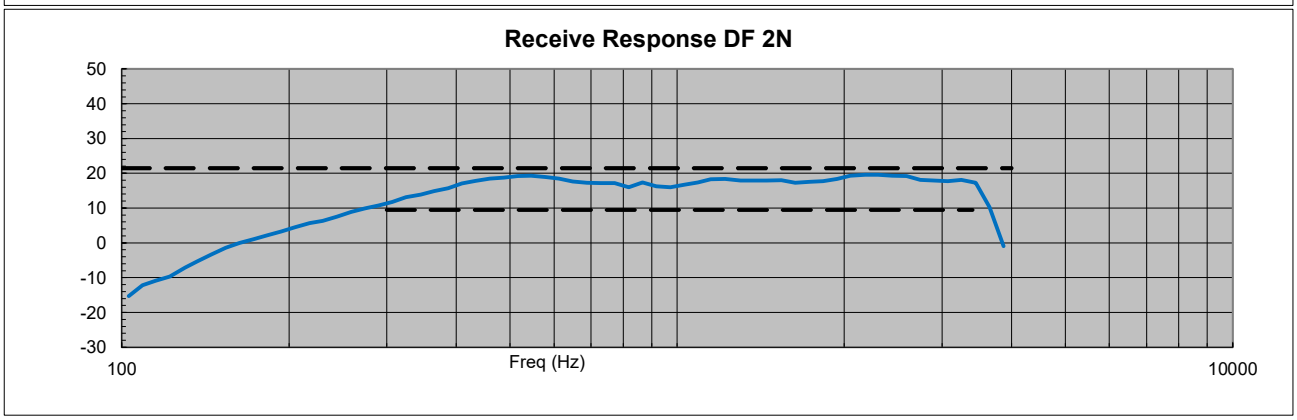
Note: SDNR includes noise and distortion products.



Receive Acoustic Frequency Response Performance

TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.3	Recv resp FF 2N	2.02 dB	Floating Limits	PASS	
	Recv resp DF 2N	1.9 dB	Floating Limits	PASS	





TIA-5050 Receive Volume Control Measurements - 2N

Device Under Test:	N77_EVS-NB24.4_2N

Bandwidth	Narrowband

Test Date:	2024-04-19

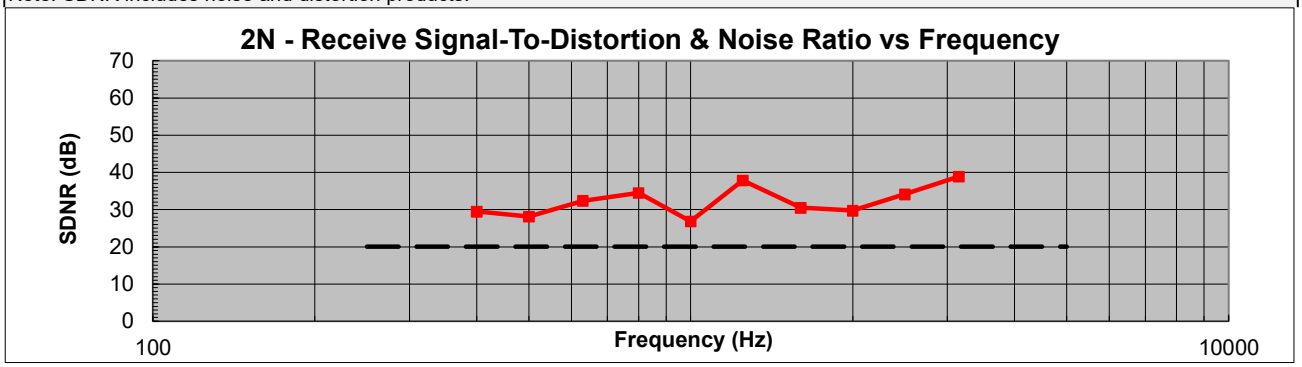
Receive Volume Control Performance

TIA-5050	Test	Measured	Limits	Result	Reference
Clause 5.1	Recv output level dBSPL 2N	87.6 dB	info only		
	Recv conversational gain 2N	17.6 dB	6.00	PASS	

Receive Distortion and Noise Performance

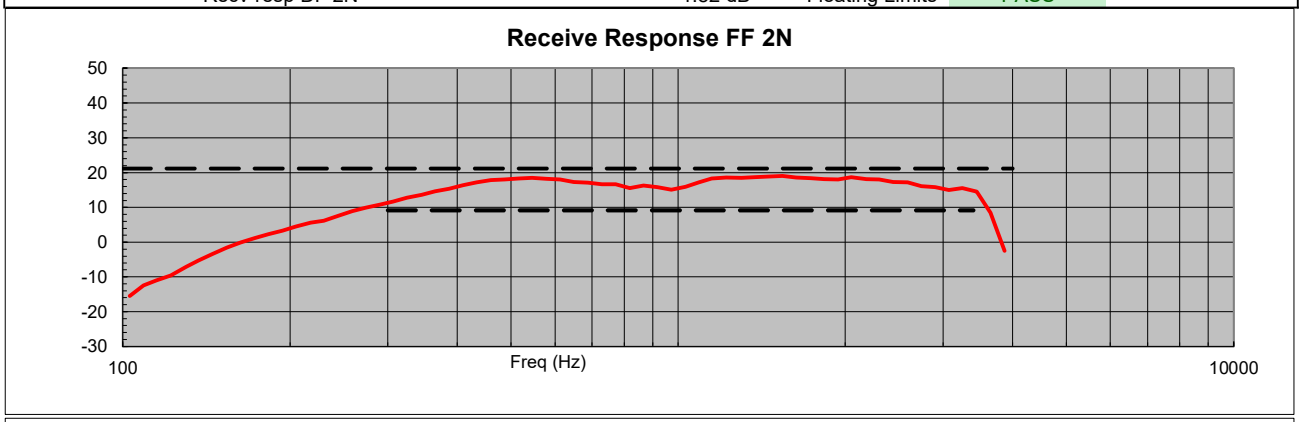
TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.2	Recv PN-SDNR 2N	6.85 dB	Absolute Limits	PASS	

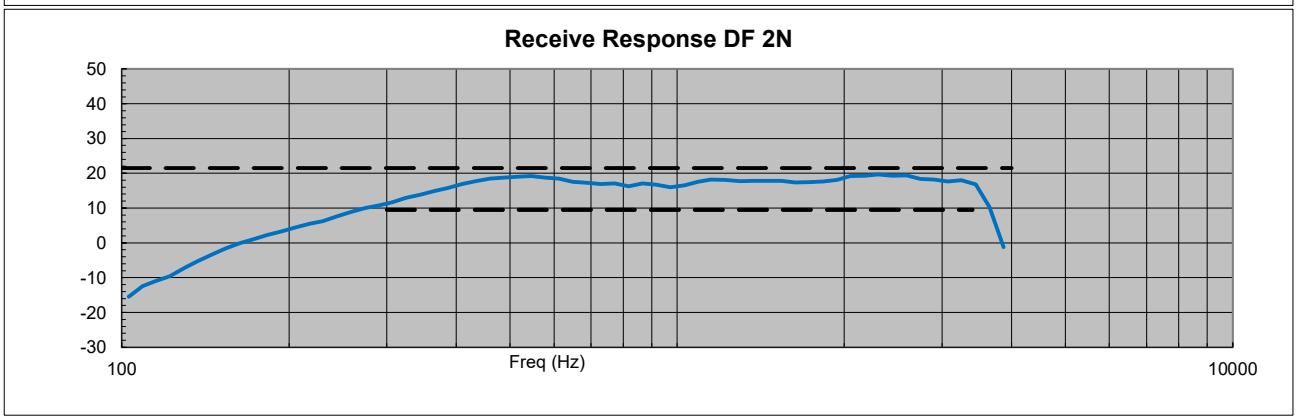
Note: SDNR includes noise and distortion products.



Receive Acoustic Frequency Response Performance

TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.3	Recv resp FF 2N	2.1 dB	Floating Limits	PASS	
	Recv resp DF 2N	1.82 dB	Floating Limits	PASS	





TIA-5050 Receive Volume Control Measurements - 2N

Device Under Test:	11b_EVS-NB24.4_2N

Bandwidth	Narrowband

Test Date:	2024-04-09

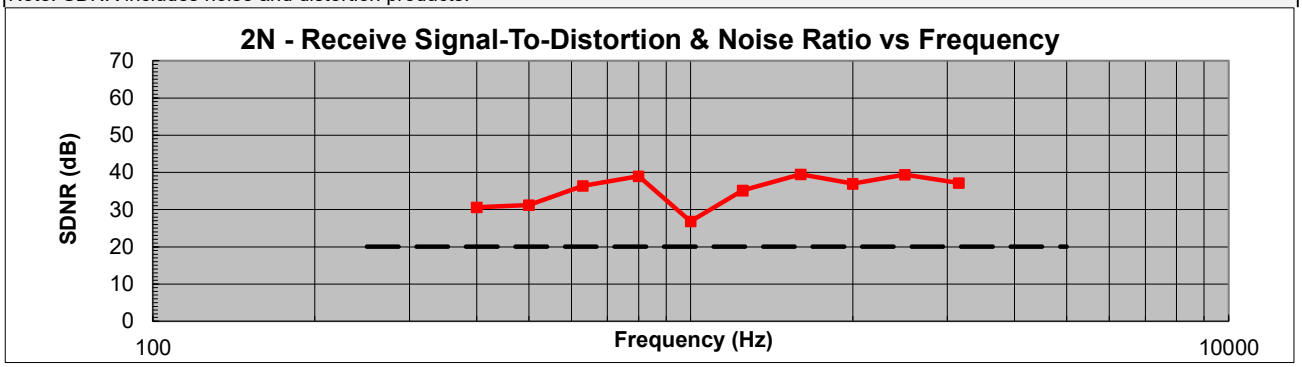
Receive Volume Control Performance

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

Receive Distortion and Noise Performance

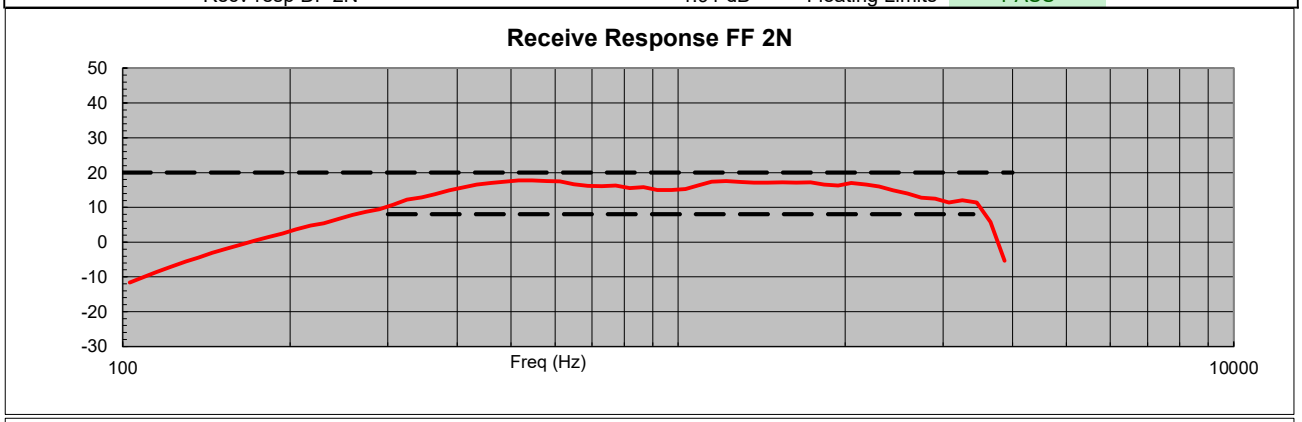
TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.2	Recv PN-SDNR 2N	6.81 dB	Absolute Limits	PASS	

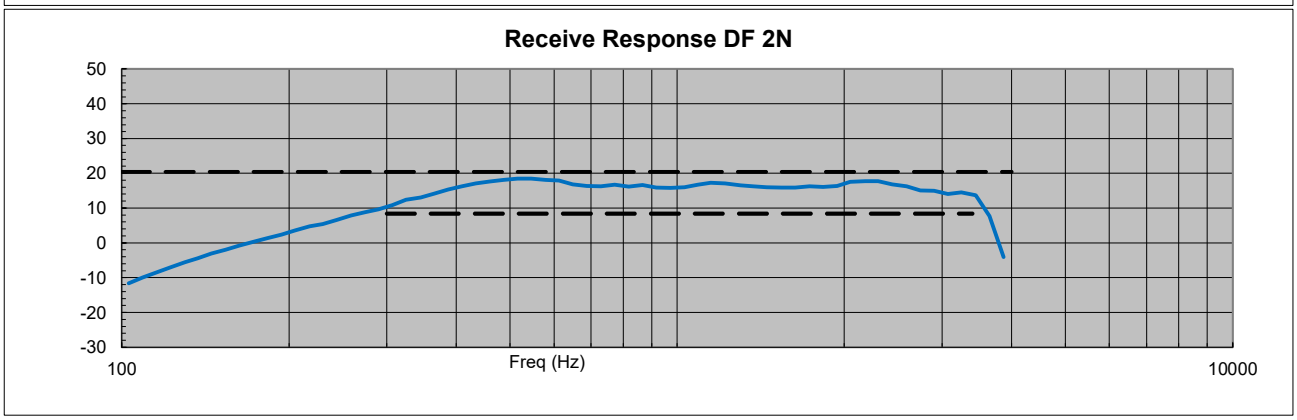
Note: SDNR includes noise and distortion products.



Receive Acoustic Frequency Response Performance

TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.3	Recv resp FF 2N	2.24 dB	Floating Limits	PASS	
	Recv resp DF 2N	1.91 dB	Floating Limits	PASS	





TIA-5050 Receive Volume Control Measurements - 2N

Device Under Test:	11a_EVS-NB24.4_2N

Bandwidth	Narrowband

Test Date:	2024-04-11

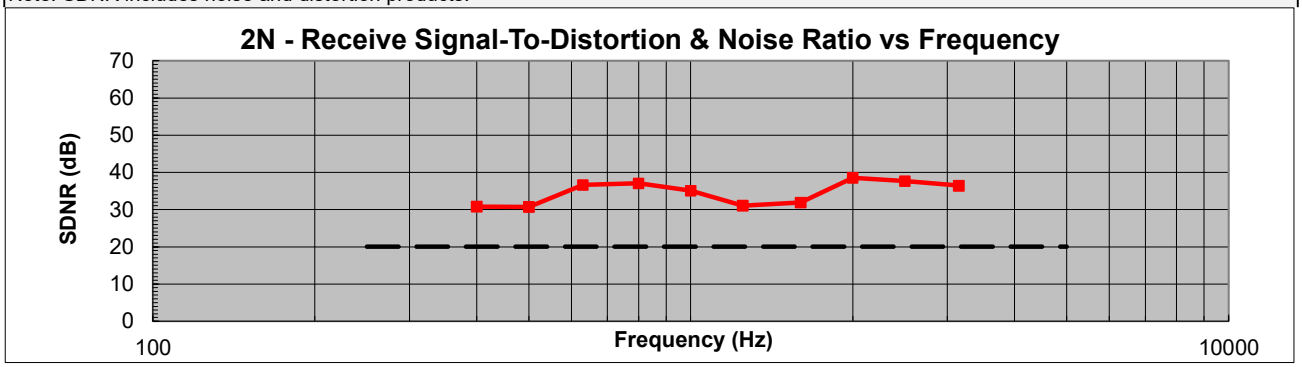
Receive Volume Control Performance

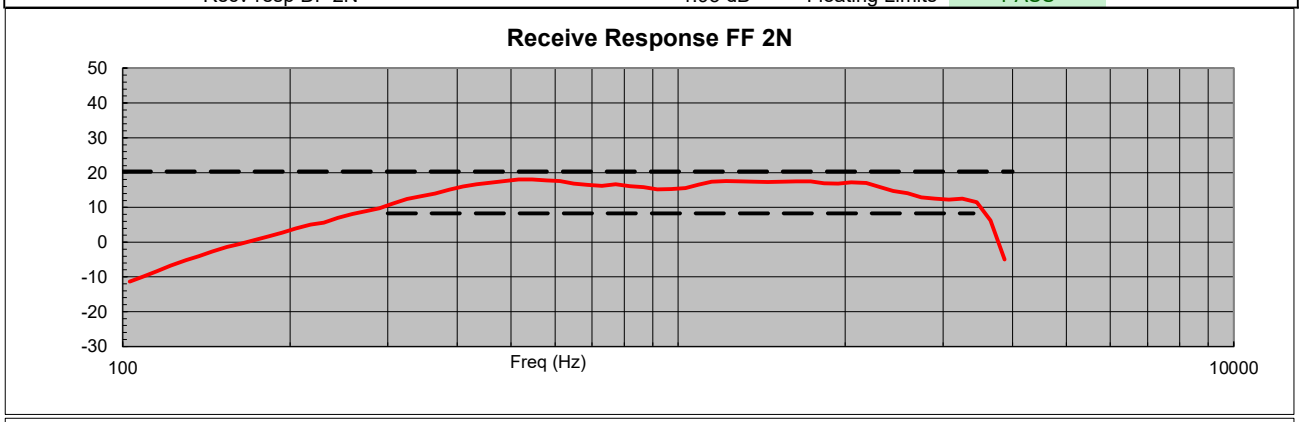
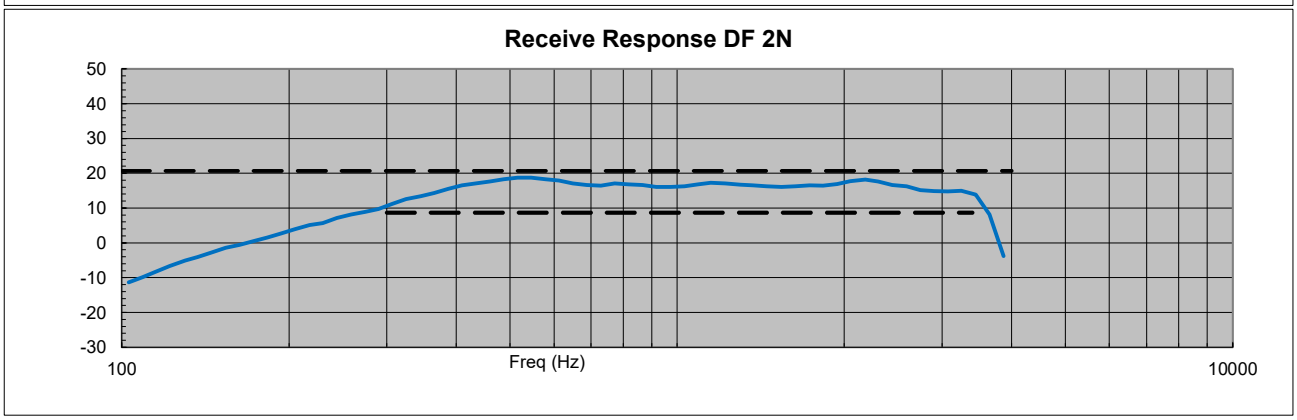
TIA-5050	Test	Measured	Limits	Result	Reference
Clause 5.1	Recv output level dBSPL 2N	86.98 dB	info only		
	Recv conversational gain 2N	16.98 dB	6.00	PASS	

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.



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	1.93 dB	Floating Limits	PASS