

## TIA-5050 Receive Volume Control Measurements - 2N

<b>Device Under Test:</b>	20240923_L2_WB_2N
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<b>Bandwidth</b>	Wideband
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<b>Test Date:</b>	2024-09-23
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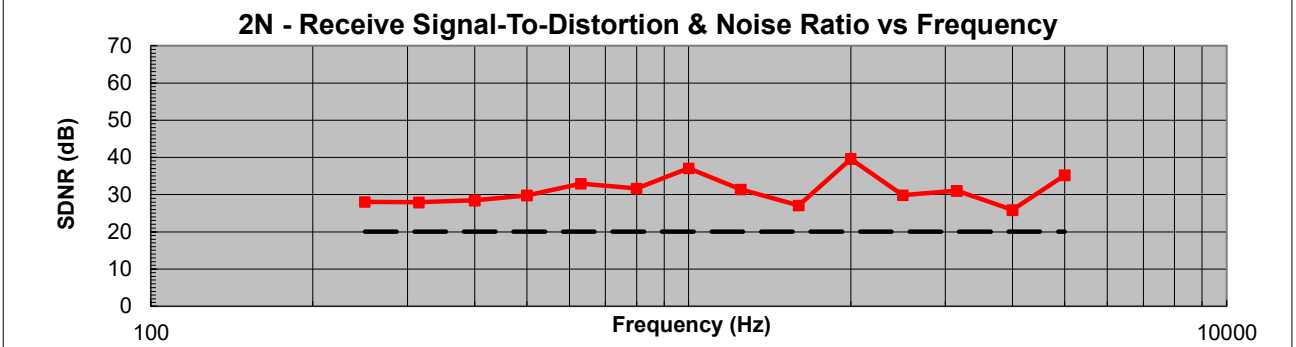
### Receive Volume Control Performance

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

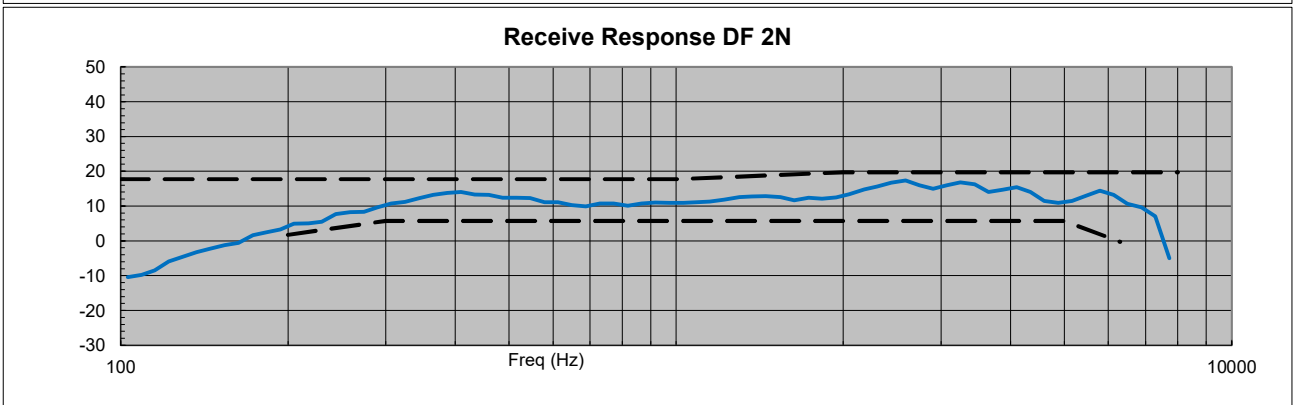
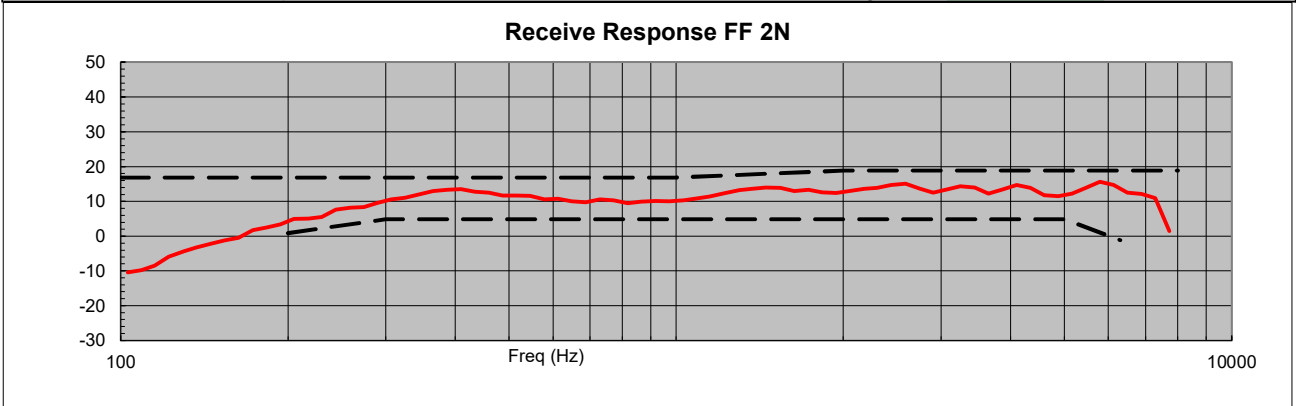
TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.2	Recv PN-SDNR 2N	5.86 dB	Absolute Limits	PASS	

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

<b>Device Under Test:</b>	20240923_L4_WB_2N
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<b>Bandwidth</b>	Wideband
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<b>Test Date:</b>	2024-09-23
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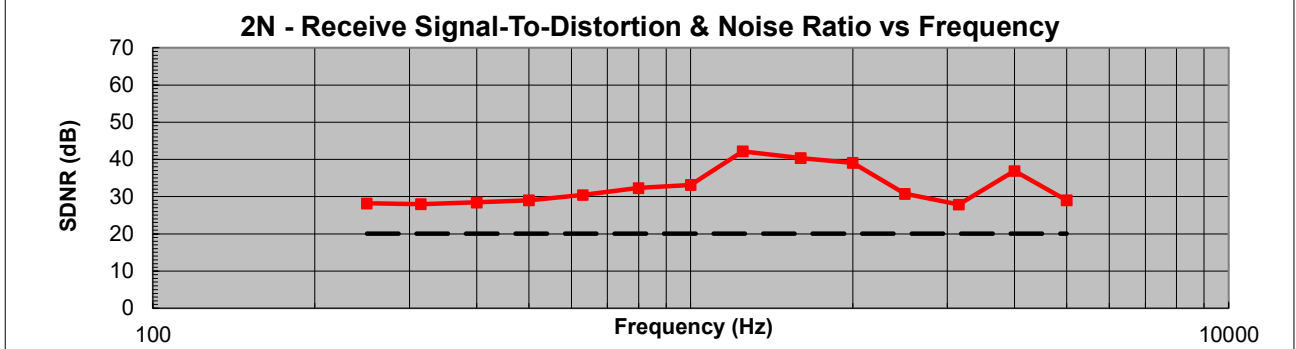
### Receive Volume Control Performance

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

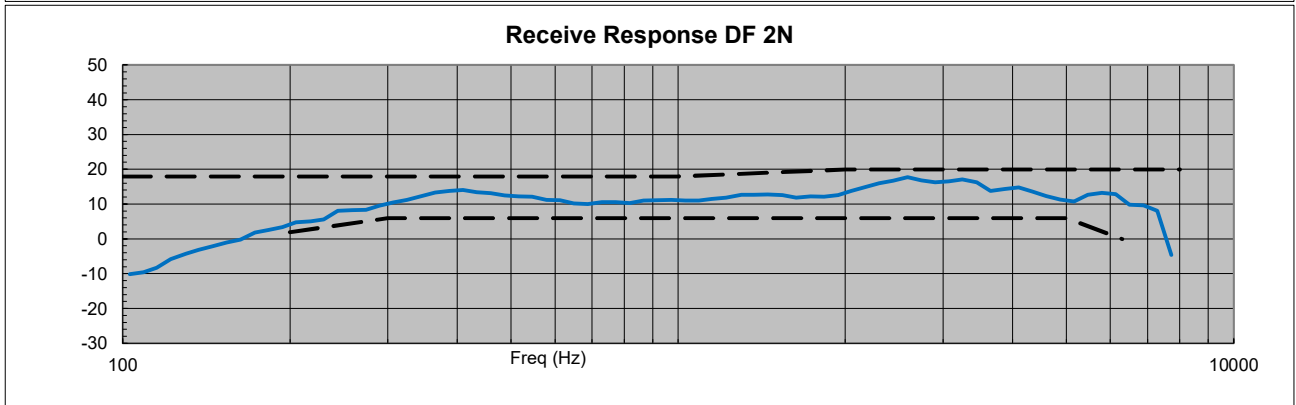
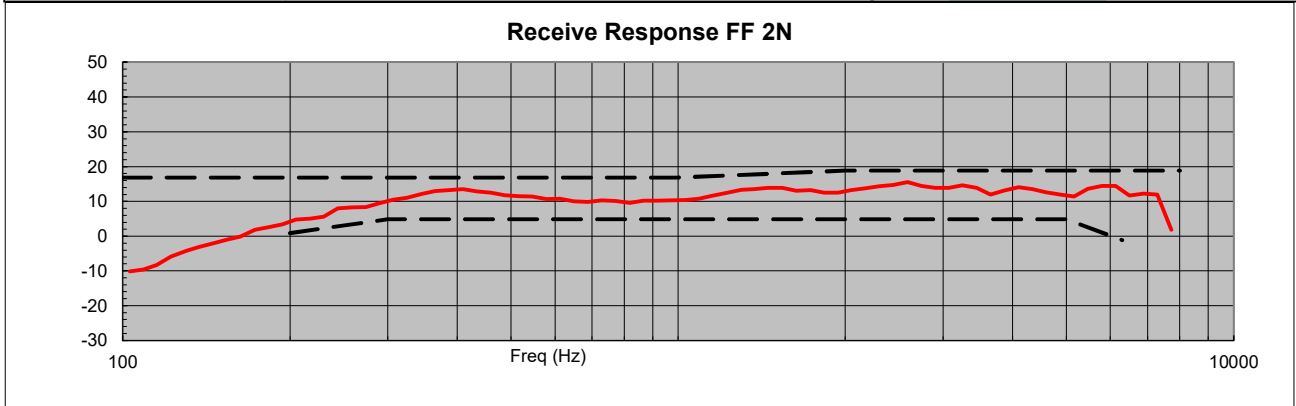
TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.2	Recv PN-SDNR 2N	7.87 dB	Absolute Limits	PASS	

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

<b>Device Under Test:</b>	20240923_L5_WB_2N
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<b>Bandwidth</b>	Wideband
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<b>Test Date:</b>	2024-09-23
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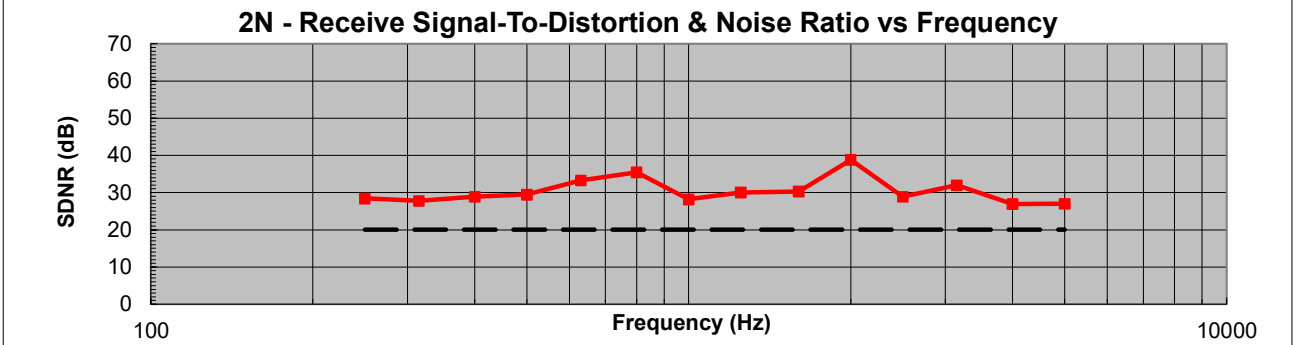
### Receive Volume Control Performance

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

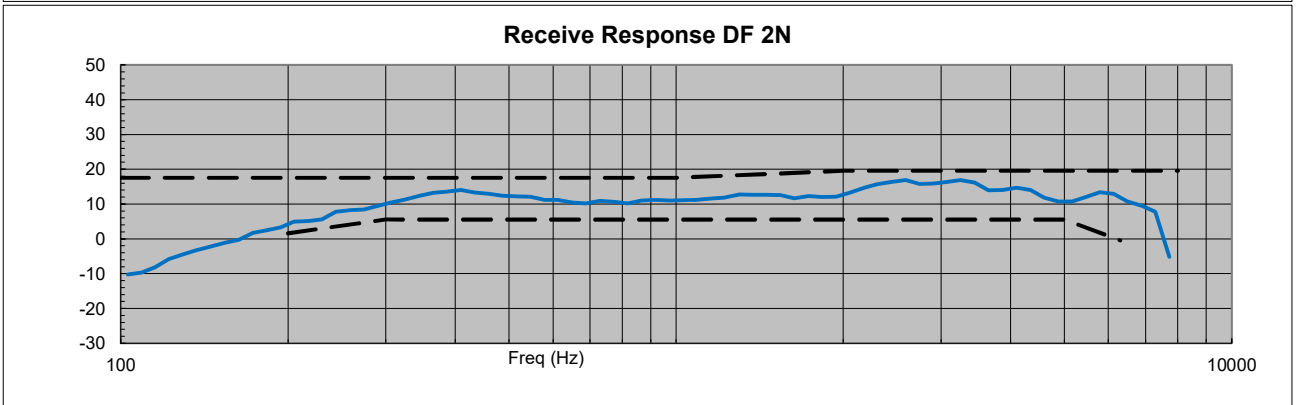
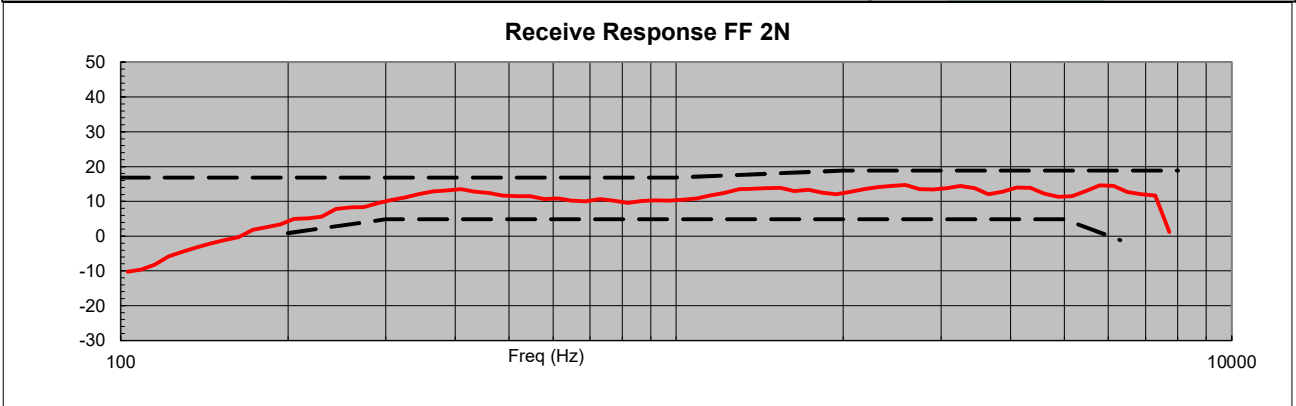
TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.2	Recv PN-SDNR 2N	6.92 dB	Absolute Limits	PASS	

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

<b>Device Under Test:</b>	20240923_L7_WB_2N
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<b>Bandwidth</b>	Wideband
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<b>Test Date:</b>	2024-09-23
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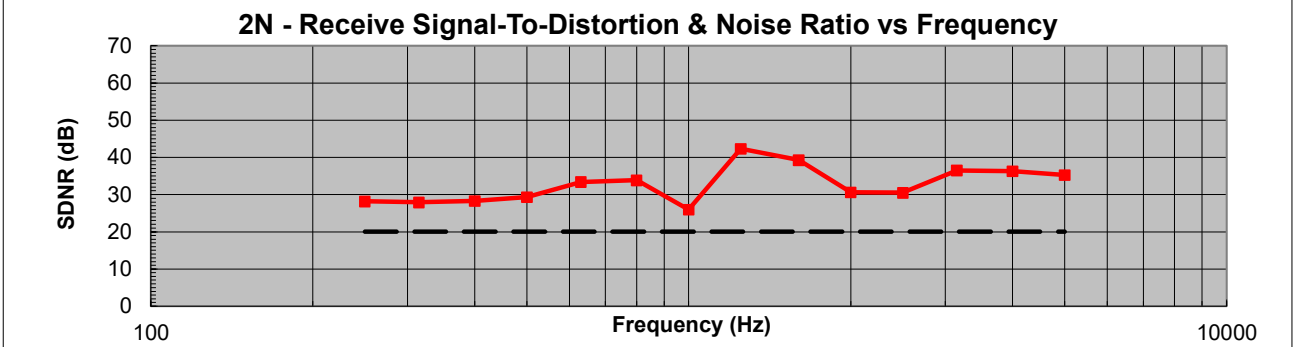
### Receive Volume Control Performance

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

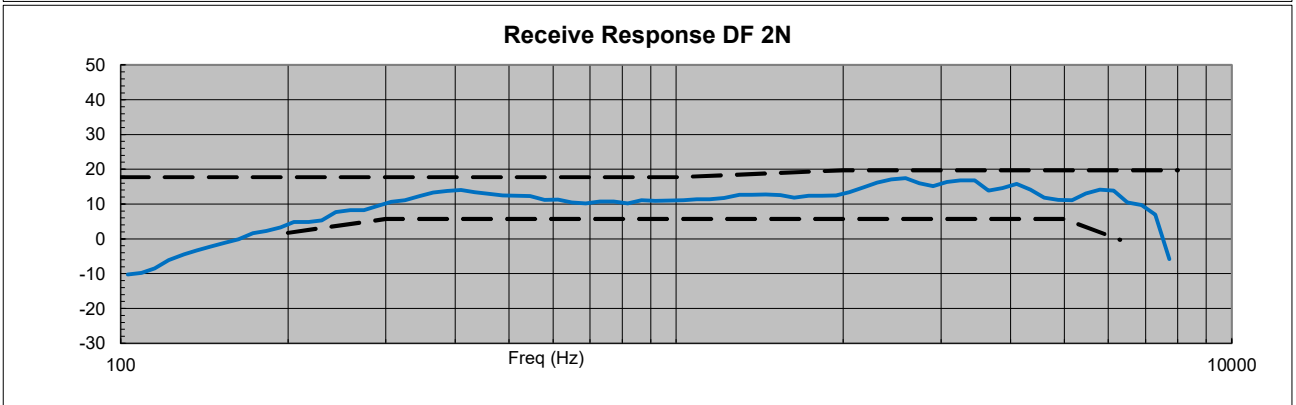
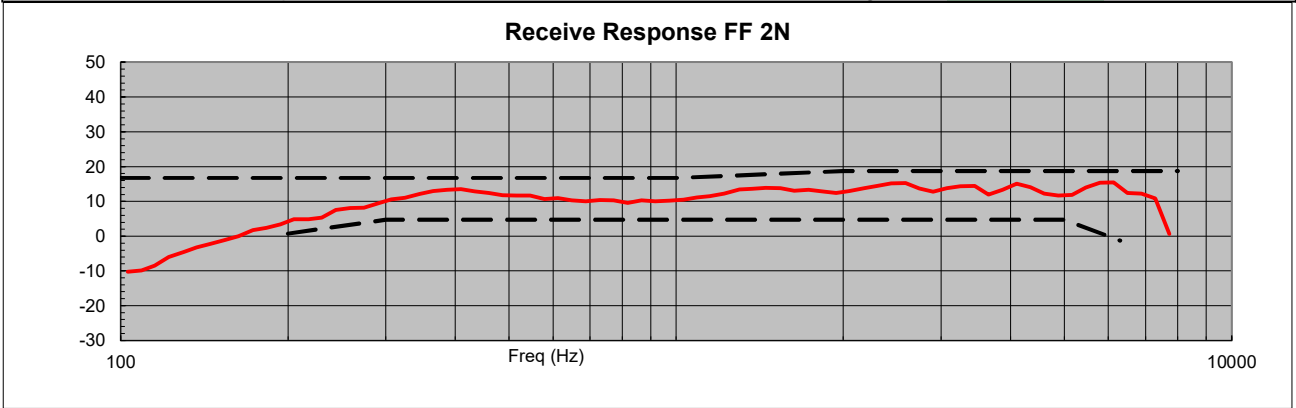
TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.2	Recv PN-SDNR 2N	5.97 dB	Absolute Limits	PASS	

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

<b>Device Under Test:</b>	20240923_L12_WB_2N
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<b>Bandwidth</b>	Wideband
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<b>Test Date:</b>	2024-09-23
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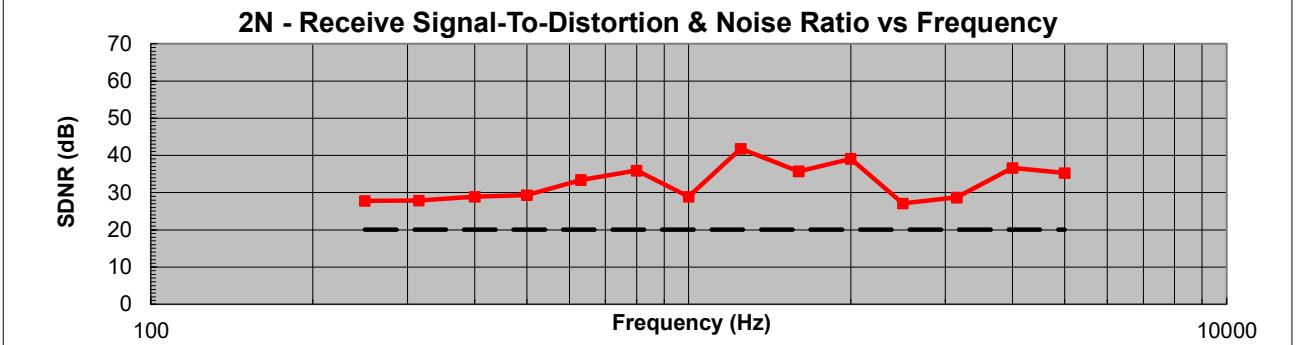
### Receive Volume Control Performance

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

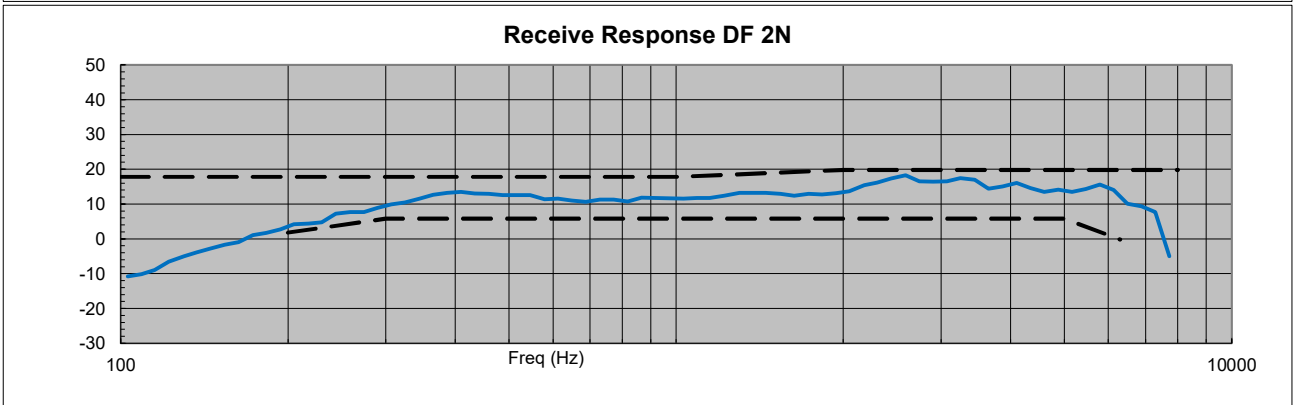
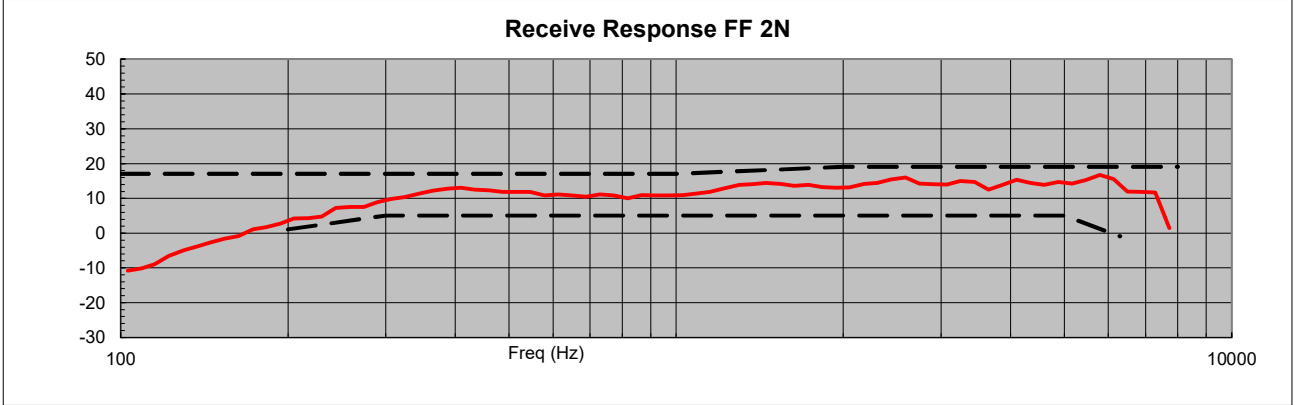
TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.2	Recv PN-SDNR 2N	7.08 dB	Absolute Limits	PASS	

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

<b>Device Under Test:</b>	20240923_L13_WB_2N
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<b>Bandwidth</b>	Wideband
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<b>Test Date:</b>	2024-09-23
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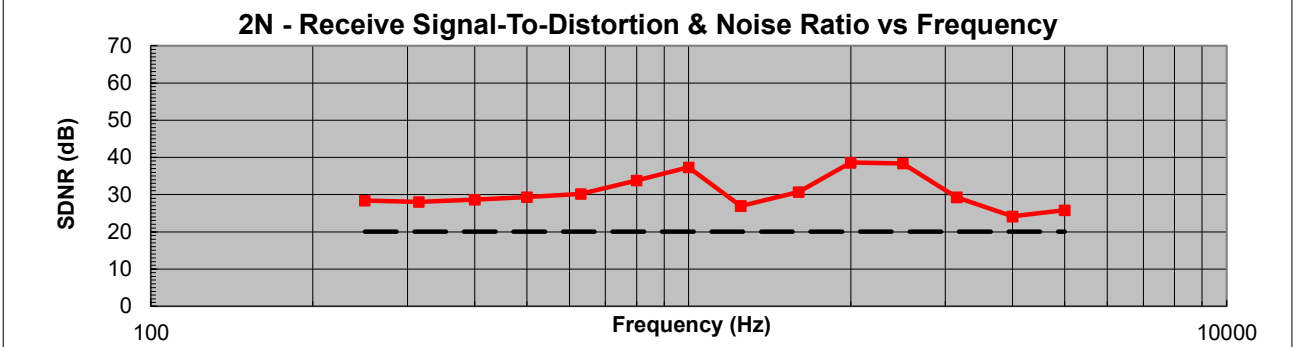
### Receive Volume Control Performance

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

### Receive Distortion and Noise Performance

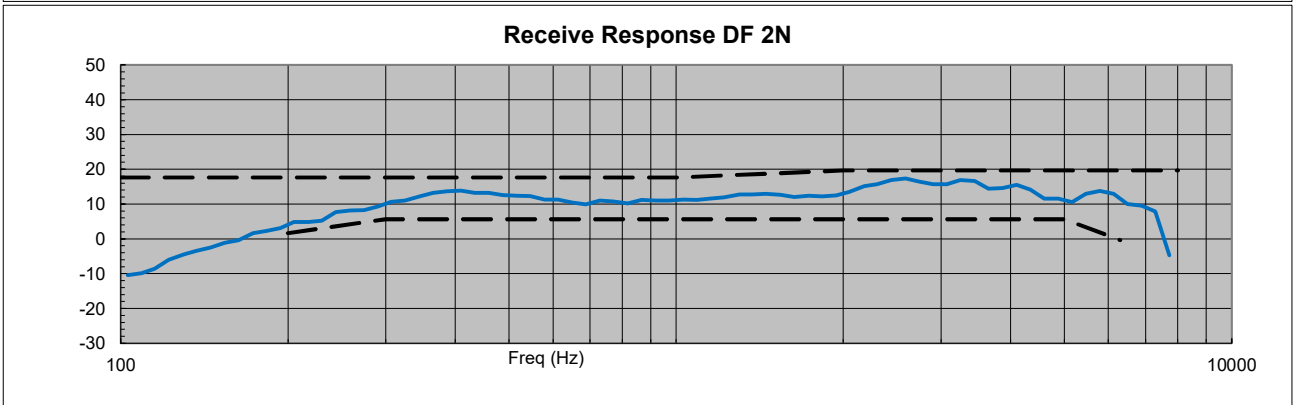
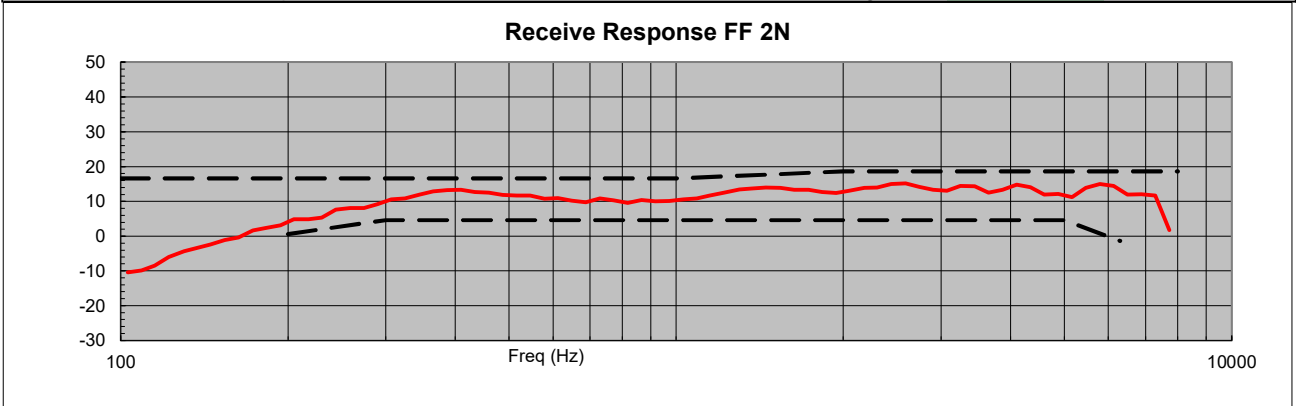
TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.2	Recv PN-SDNR 2N	4.14 dB	Absolute Limits	PASS	

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

<b>Device Under Test:</b>	20240923_L14_WB_2N
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<b>Bandwidth</b>	Wideband
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<b>Test Date:</b>	2024-09-23
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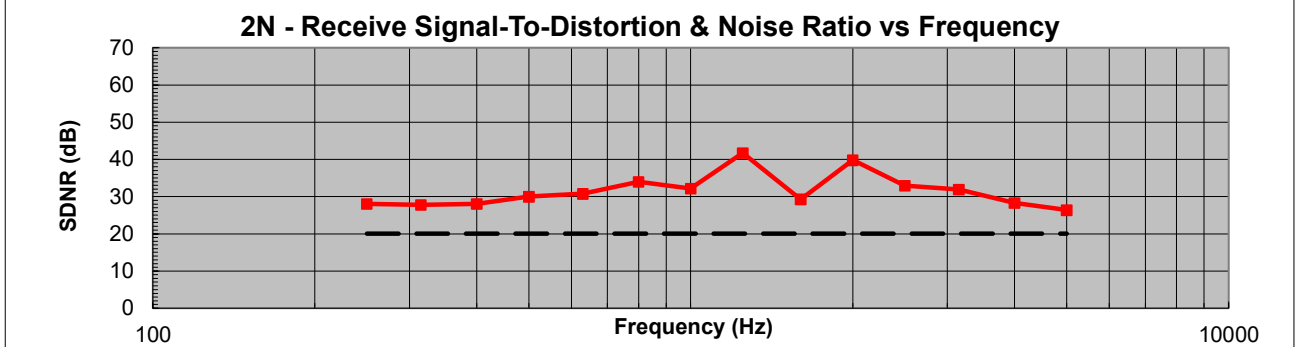
### Receive Volume Control Performance

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

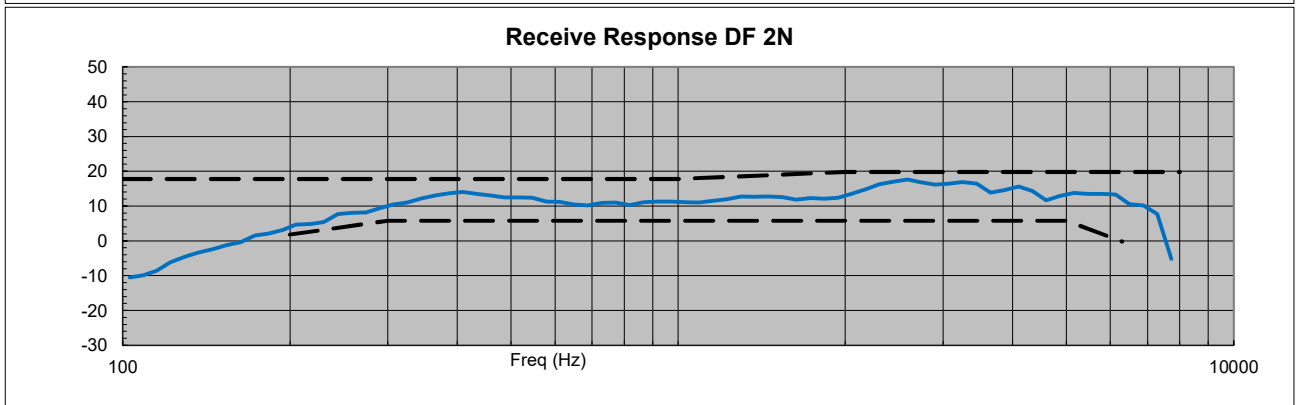
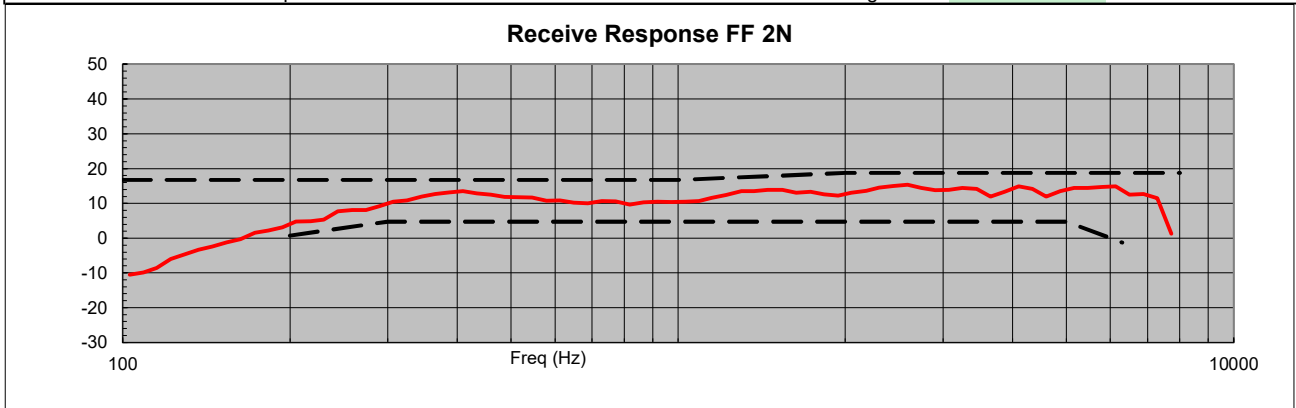
TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.2	Recv PN-SDNR 2N	6.38 dB	Absolute Limits	PASS	

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

<b>Device Under Test:</b>	20240923_L25_WB_2N
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<b>Bandwidth</b>	Wideband
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<b>Test Date:</b>	2024-09-23
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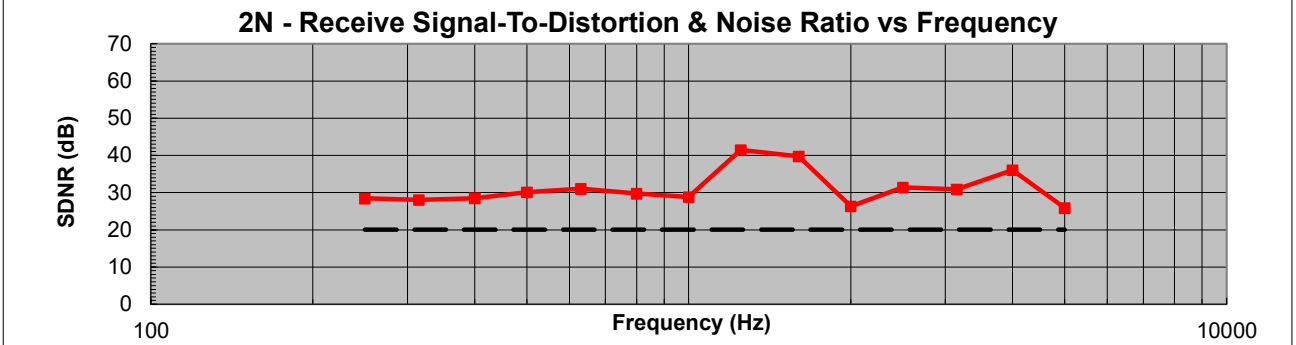
### Receive Volume Control Performance

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

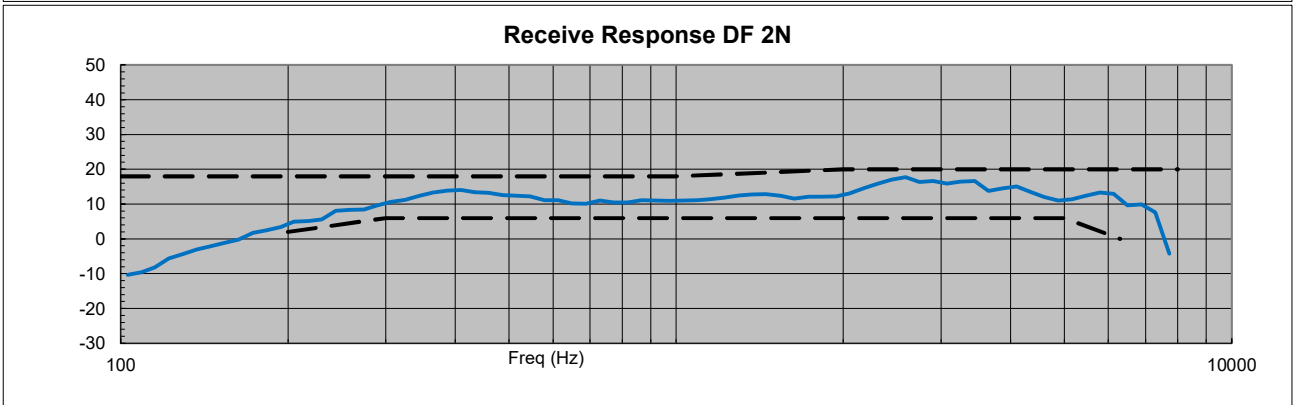
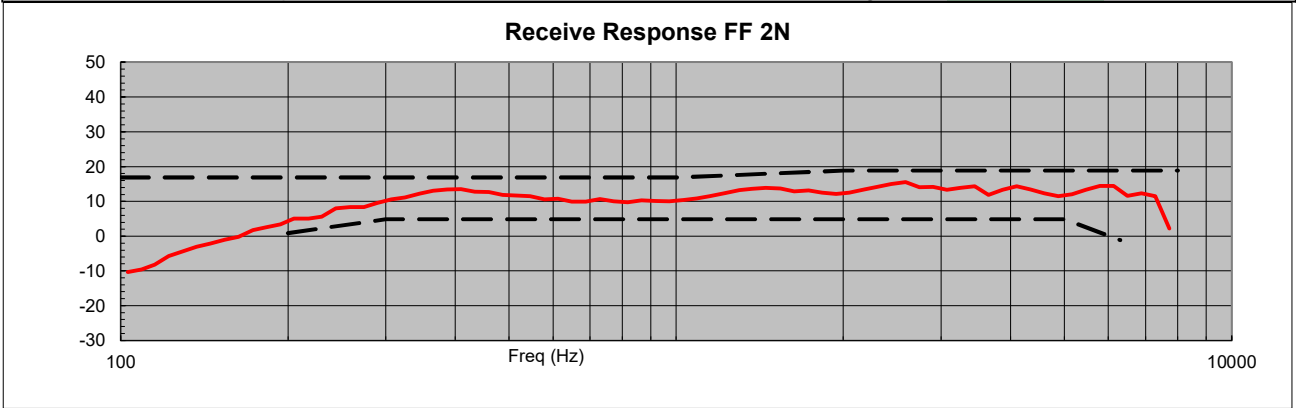
TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.2	Recv PN-SDNR 2N	5.86 dB	Absolute Limits	PASS	

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

<b>Device Under Test:</b>	20240923_L26_WB_2N
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<b>Bandwidth</b>	Wideband
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<b>Test Date:</b>	2024-09-23
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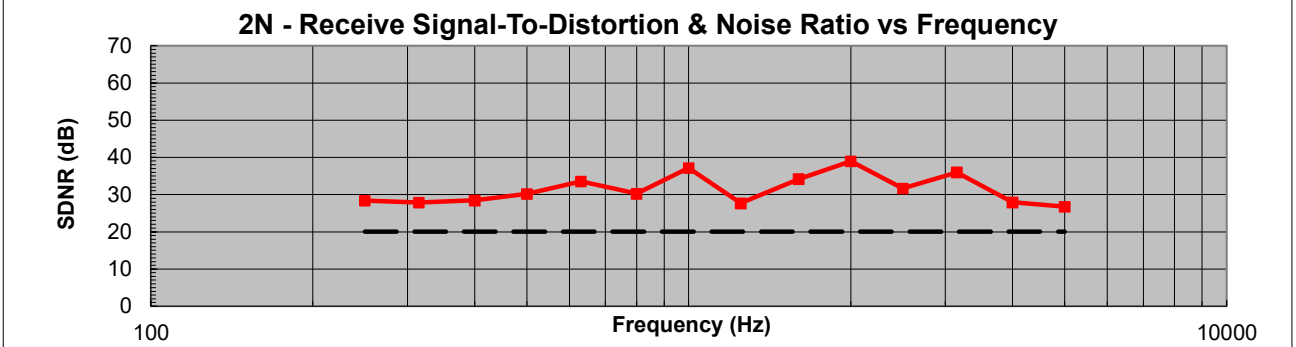
### Receive Volume Control Performance

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

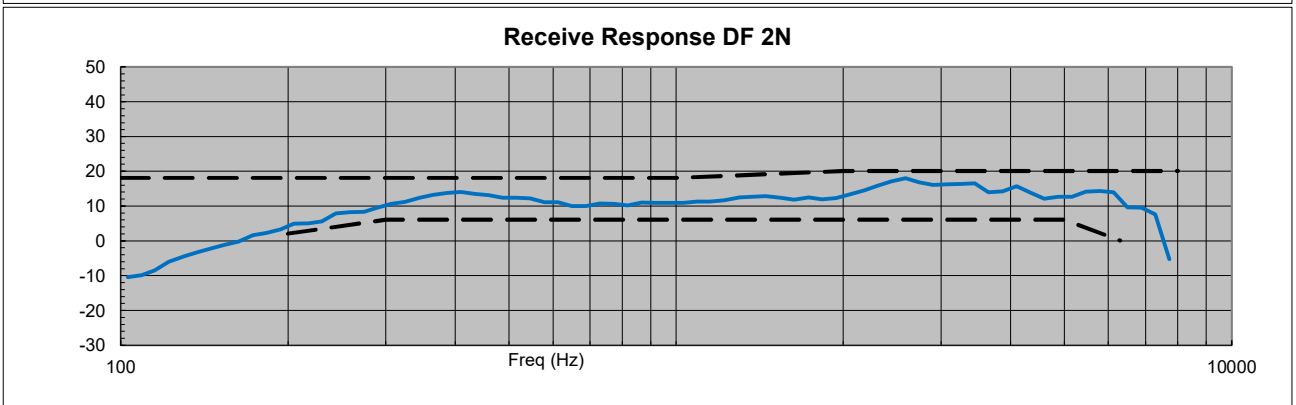
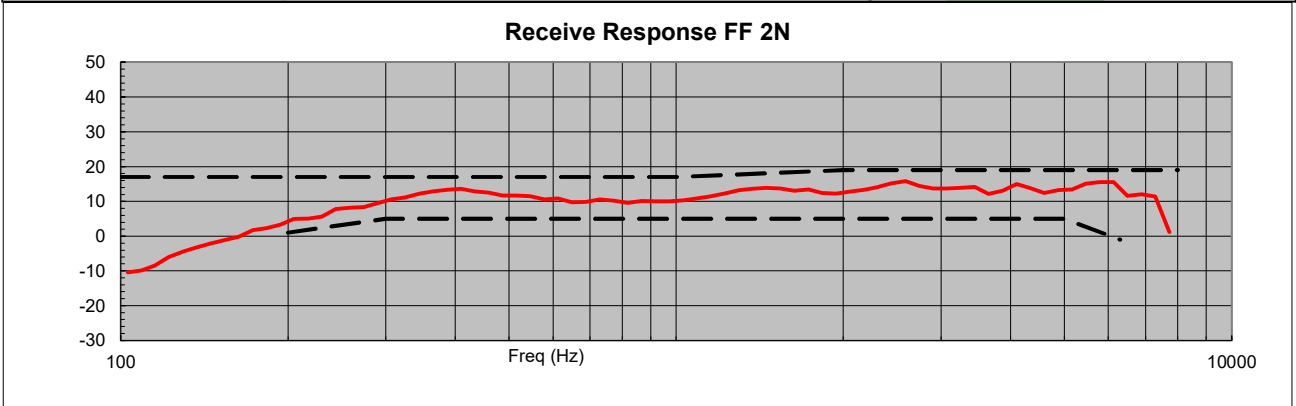
TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.2	Recv PN-SDNR 2N	6.74 dB	Absolute Limits	PASS	

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

<b>Device Under Test:</b>	20240923_L30_WB_2N
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<b>Bandwidth</b>	Wideband
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<b>Test Date:</b>	2024-09-23
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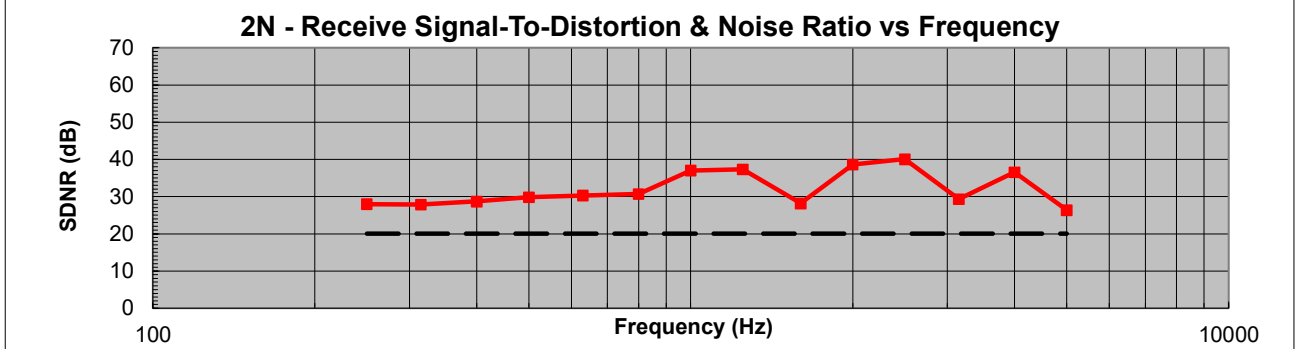
### Receive Volume Control Performance

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

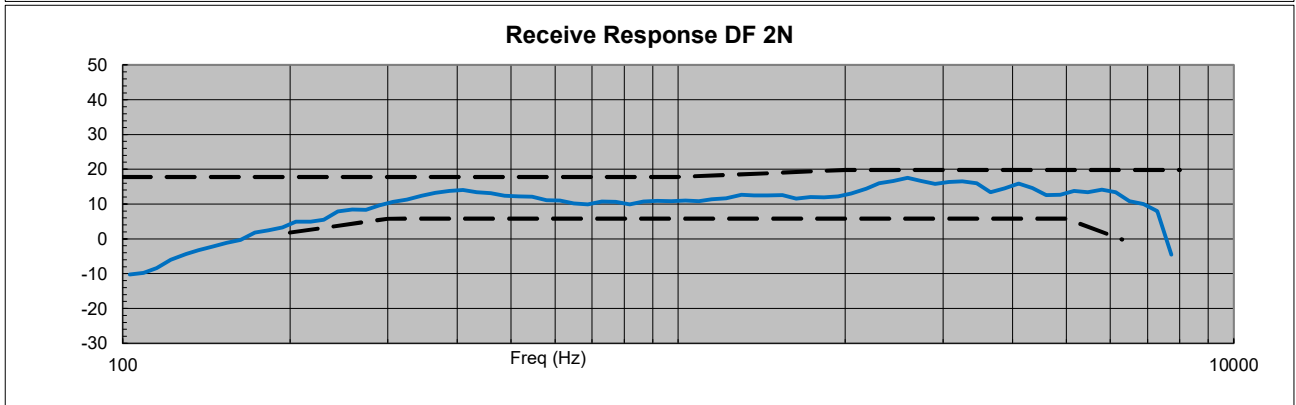
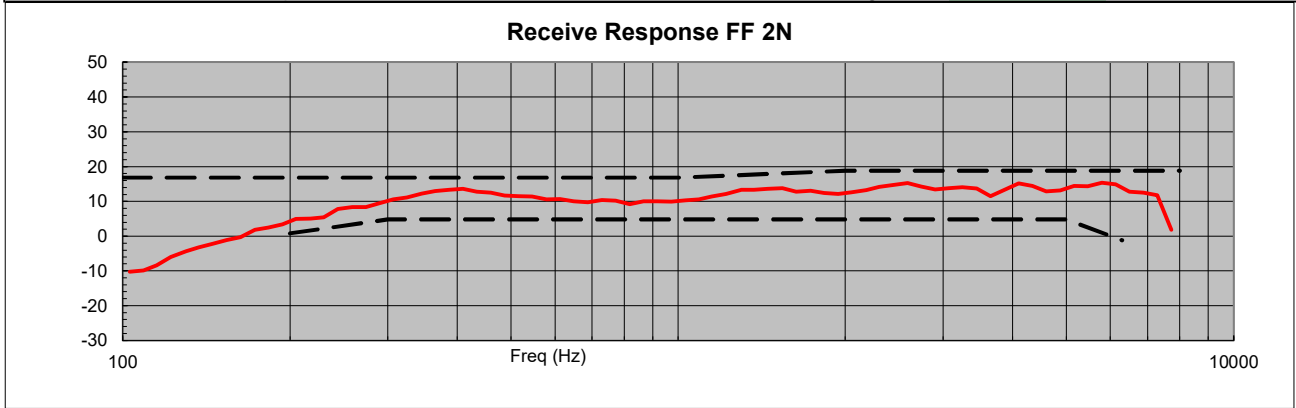
TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.2	Recv PN-SDNR 2N	6.39 dB	Absolute Limits	PASS	

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

<b>Device Under Test:</b>	20240923_L66_WB_2N
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<b>Bandwidth</b>	Wideband
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<b>Test Date:</b>	2024-09-23
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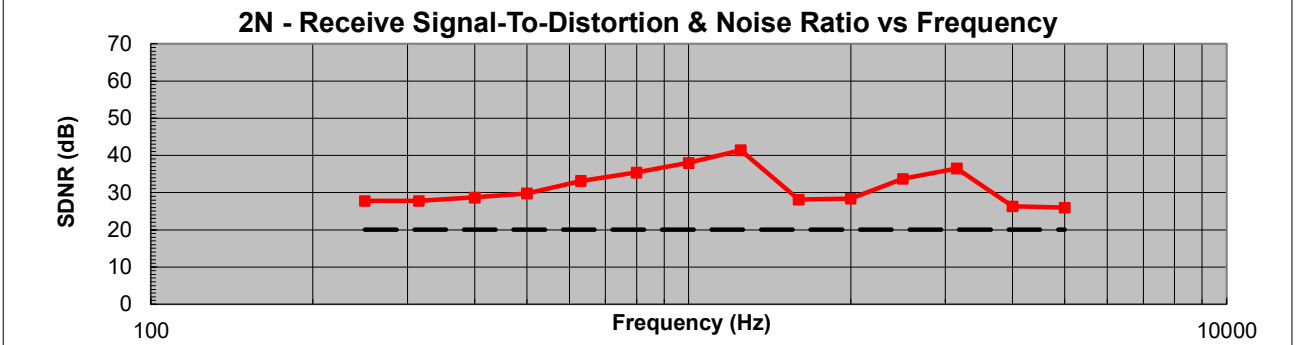
### Receive Volume Control Performance

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

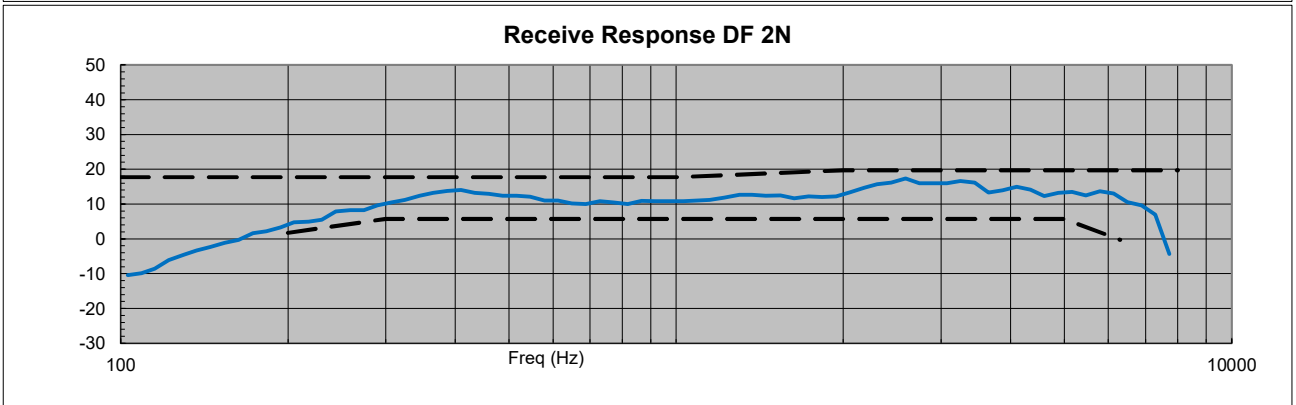
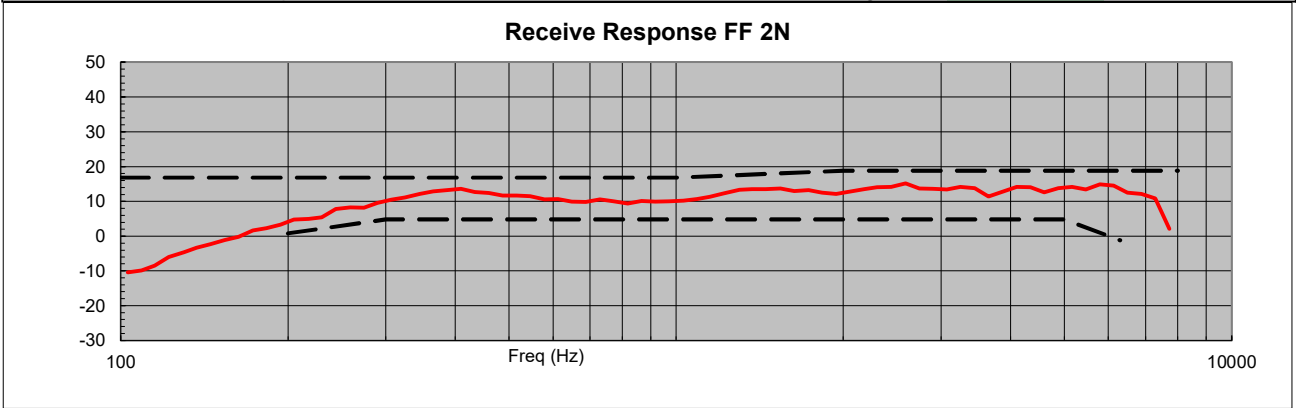
TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.2	Recv PN-SDNR 2N	5.98 dB	Absolute Limits	PASS	

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

<b>Device Under Test:</b>	20240923_L71_WB_2N
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<b>Bandwidth</b>	Wideband
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<b>Test Date:</b>	2024-09-23
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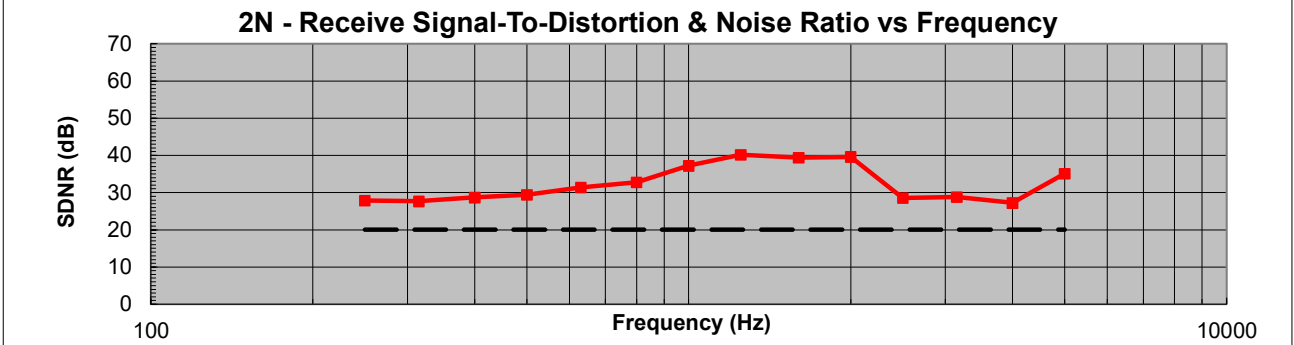
### Receive Volume Control Performance

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

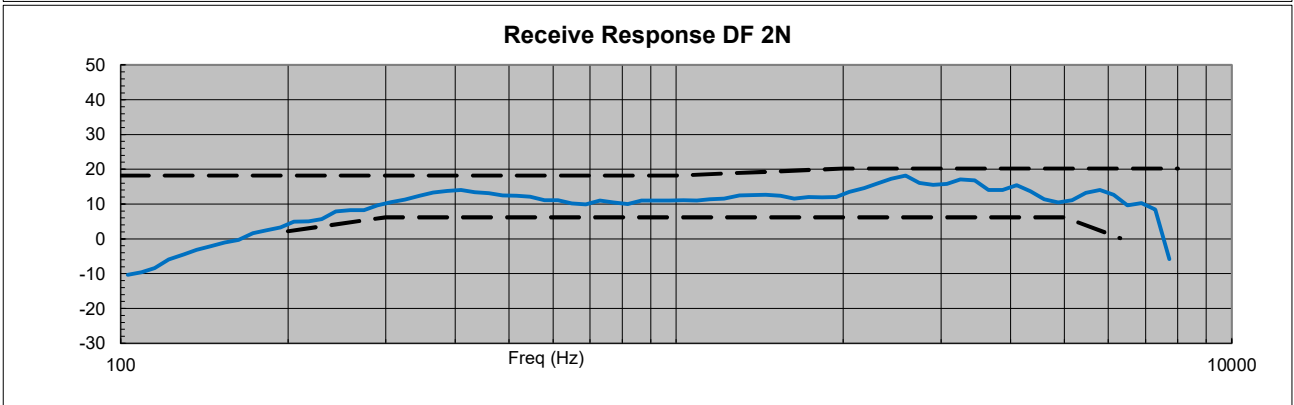
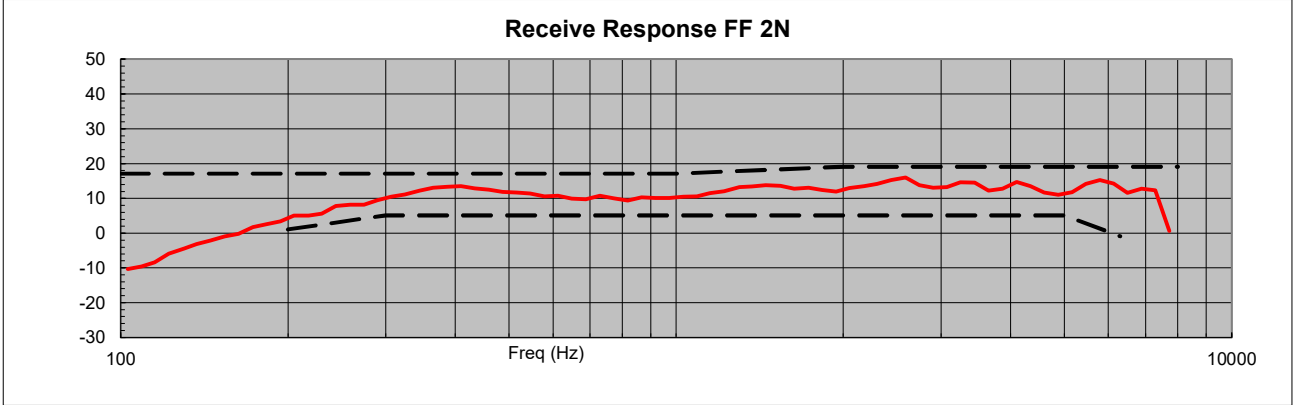
TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.2	Recv PN-SDNR 2N	7.23 dB	Absolute Limits	PASS	

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

<b>Device Under Test:</b>	20240924_L38_WB_2N
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<b>Bandwidth</b>	Wideband
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<b>Test Date:</b>	2024-09-24
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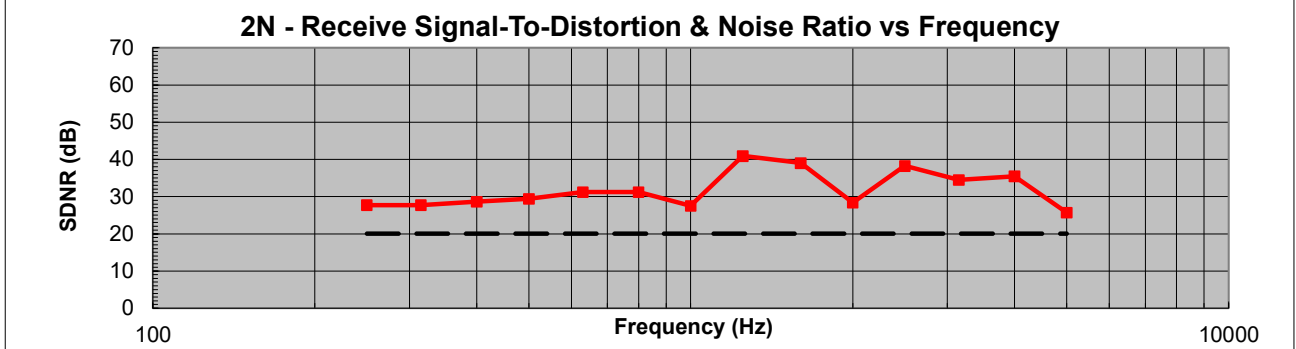
### Receive Volume Control Performance

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

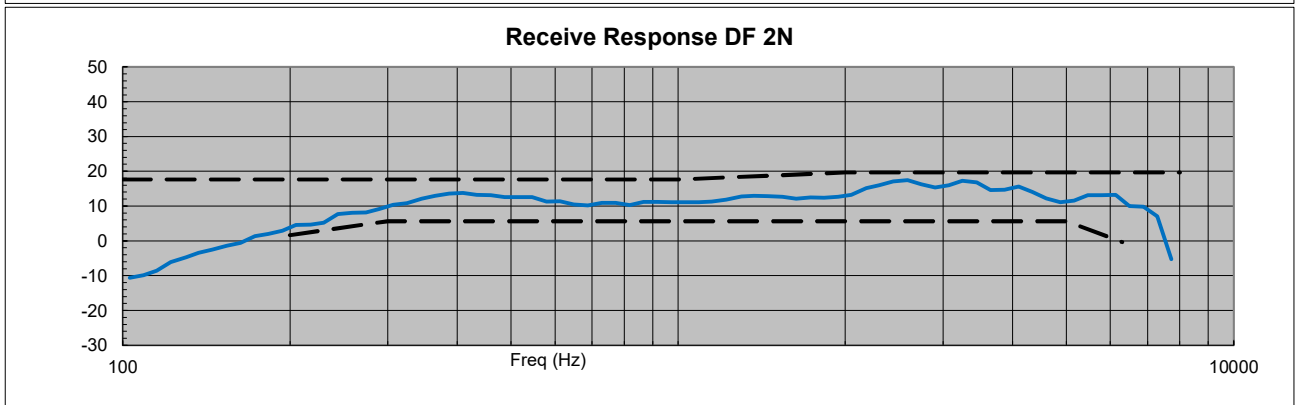
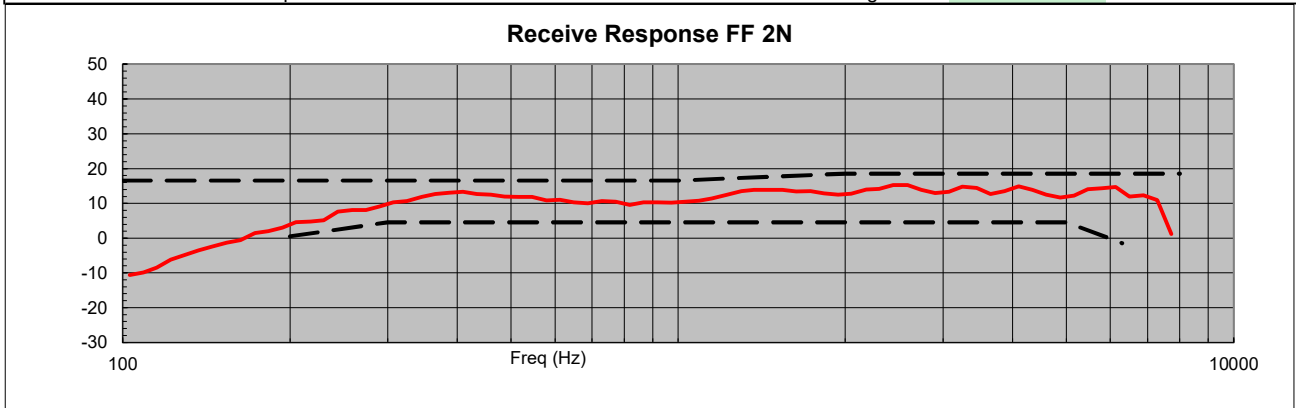
TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.2	Recv PN-SDNR 2N	5.7 dB	Absolute Limits	PASS	

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

<b>Device Under Test:</b>	20240924_L41_WB_2N
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<b>Bandwidth</b>	Wideband
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<b>Test Date:</b>	2024-09-24
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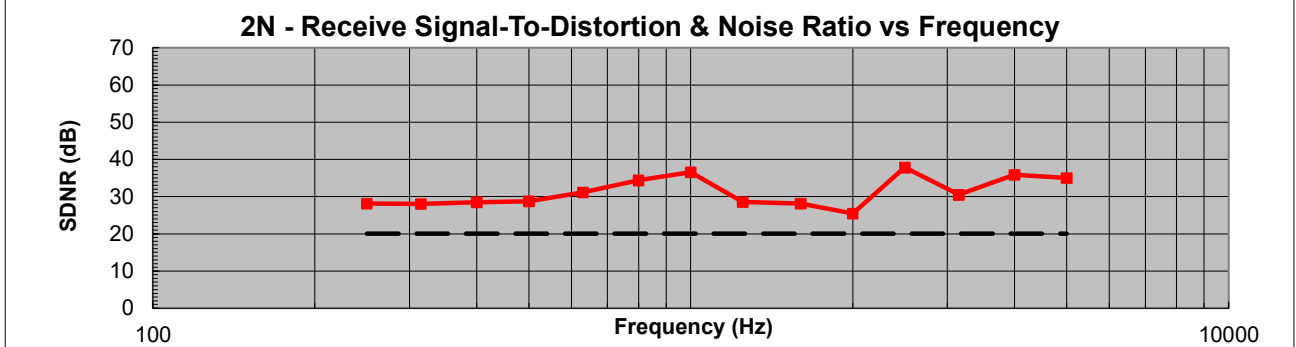
### Receive Volume Control Performance

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

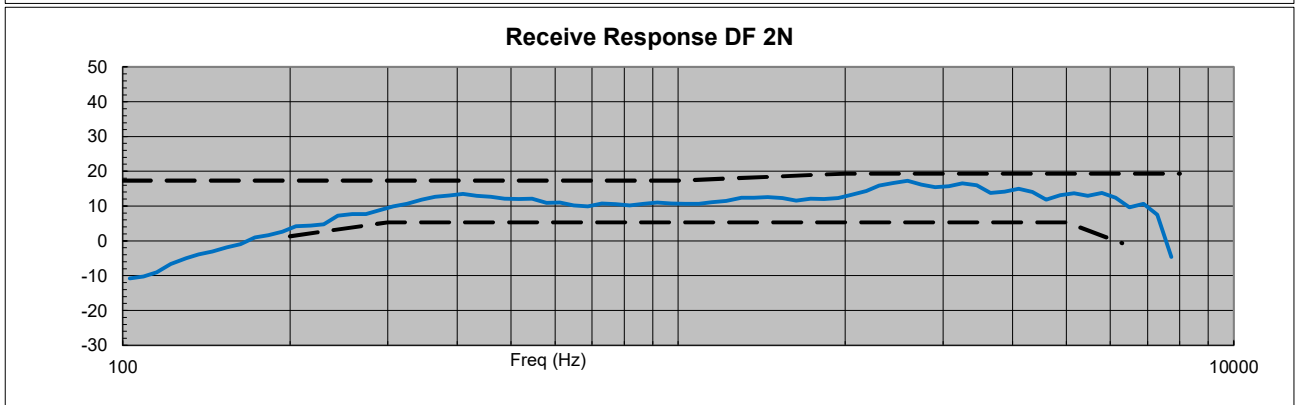
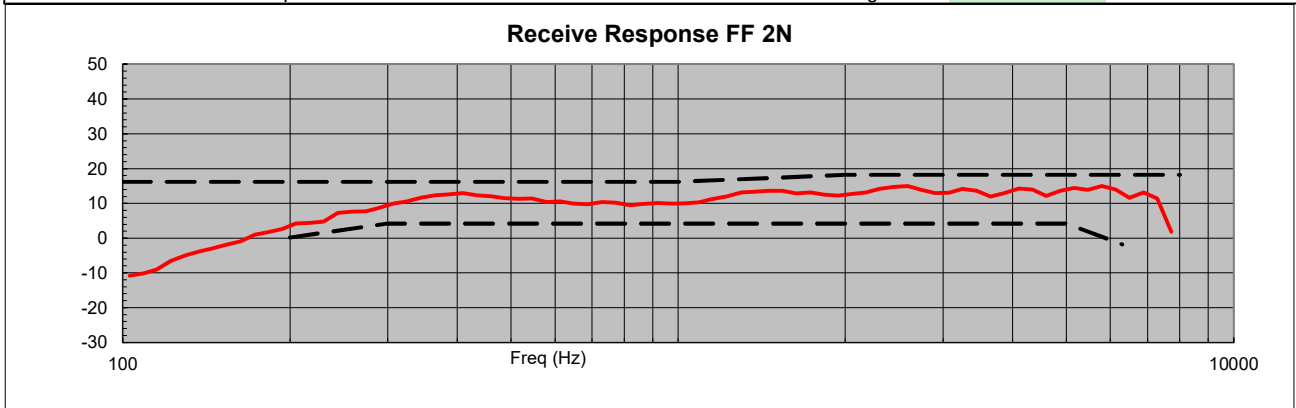
TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.2	Recv PN-SDNR 2N	5.47 dB	Absolute Limits	PASS	

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

<b>Device Under Test:</b>	20240923_L41_PC3_WB_2N
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<b>Bandwidth</b>	Wideband
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<b>Test Date:</b>	2024-09-23
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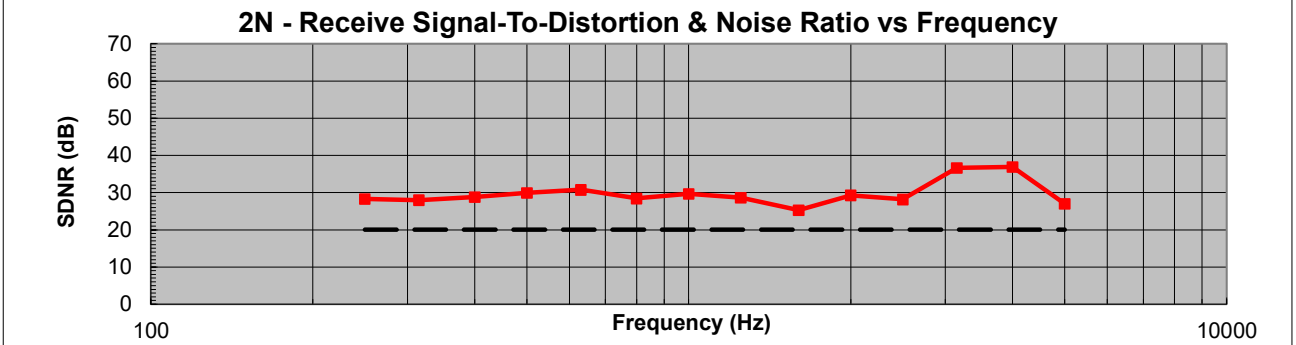
### Receive Volume Control Performance

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

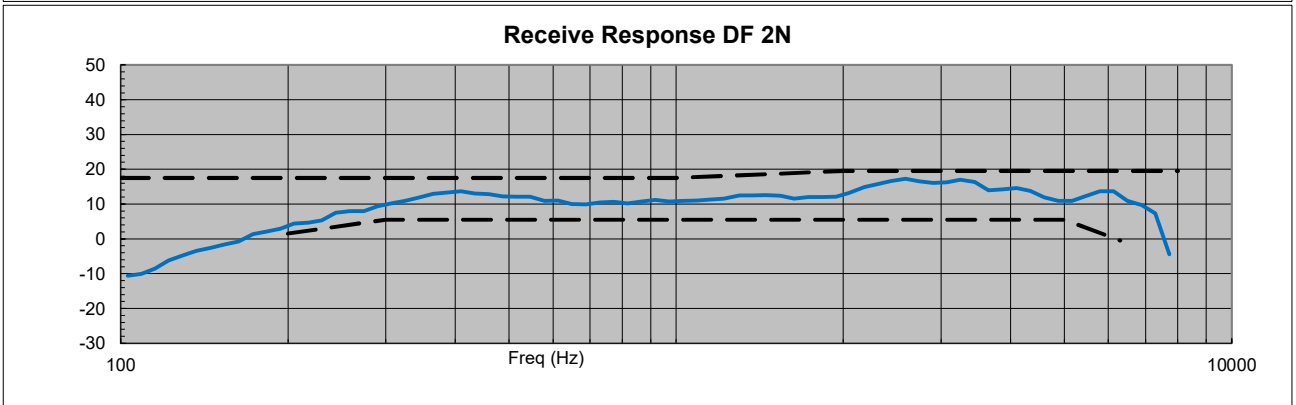
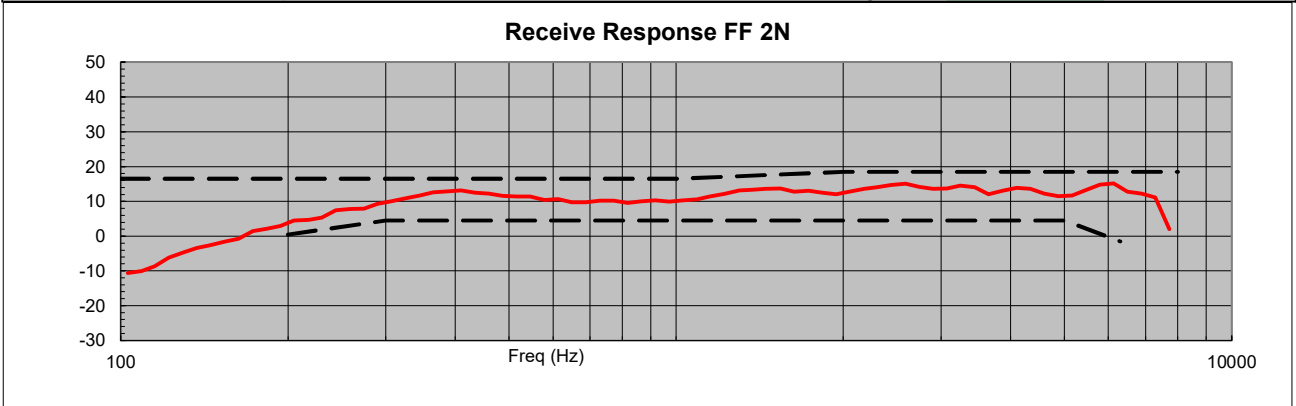
TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.2	Recv PN-SDNR 2N	5.28 dB	Absolute Limits	PASS	

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

<b>Device Under Test:</b>	20240924_L48_WB_2N
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<b>Bandwidth</b>	Wideband
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<b>Test Date:</b>	2024-09-24
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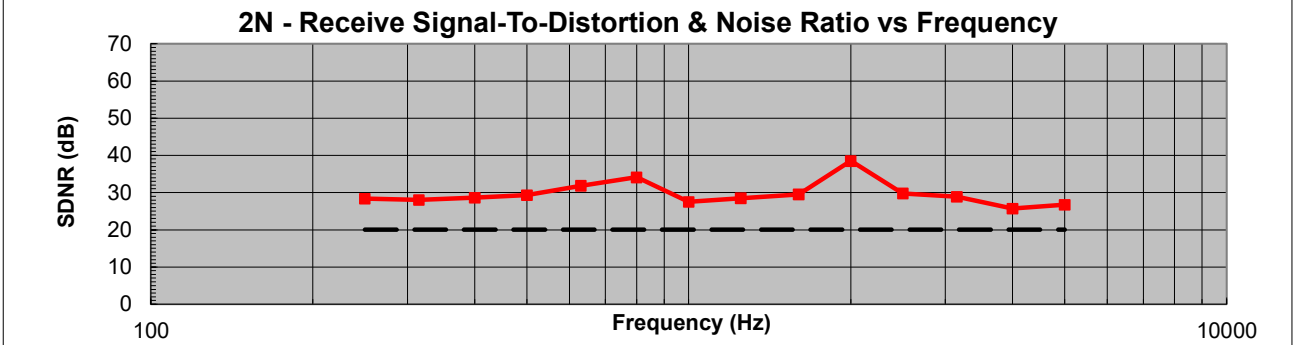
### Receive Volume Control Performance

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

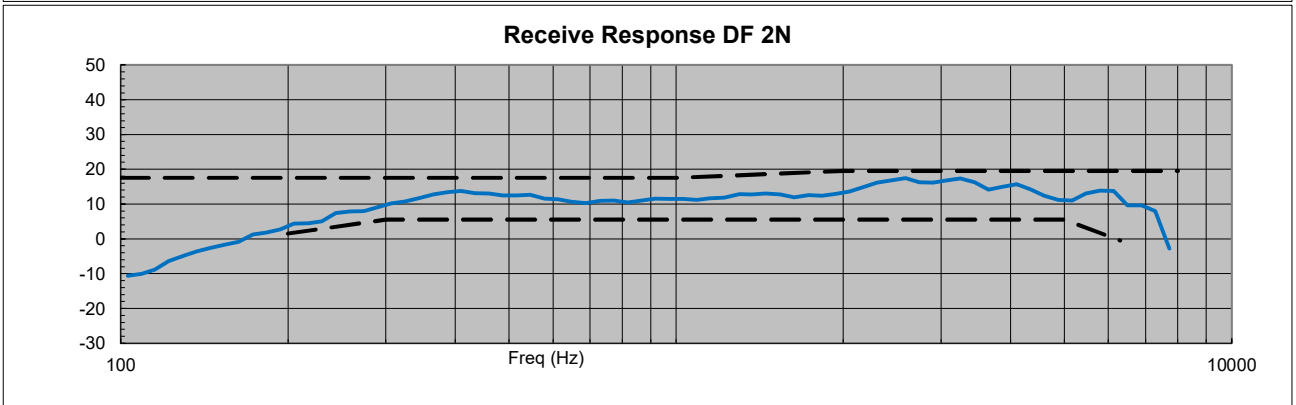
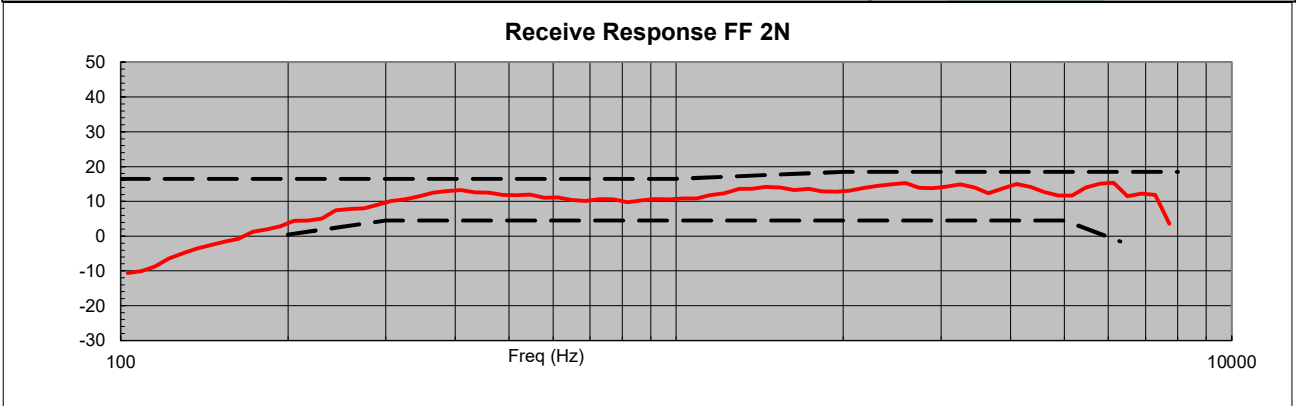
TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.2	Recv PN-SDNR 2N	5.69 dB	Absolute Limits	PASS	

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

<b>Device Under Test:</b>	20241001_N2_WB_40MHz_DFTS_QPSK_RB1-1_ch376000
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<b>Bandwidth</b>	Wideband
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<b>Test Date:</b>	2024-10-01
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### Receive Volume Control Performance

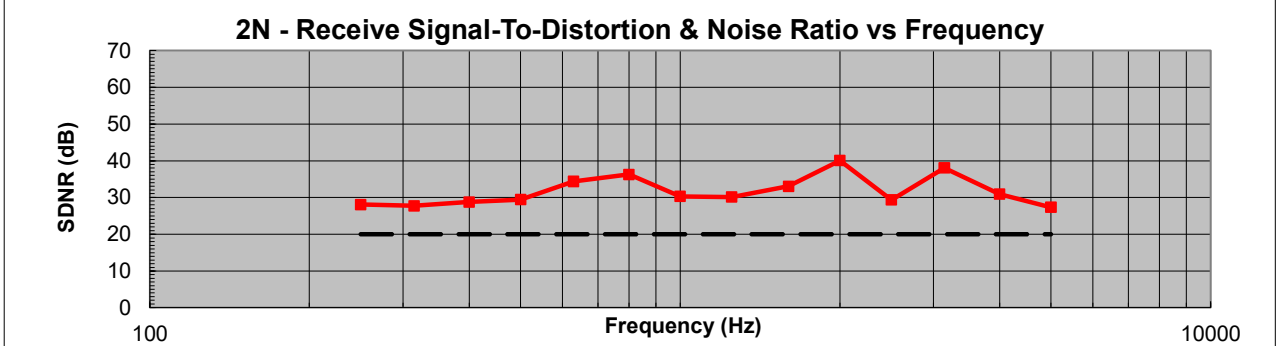
TIA-5050	Test	Measured	Limits	Result	Reference
Clause 5.1	Recv output level dB SPL 2N	82.74 dB	info only		
	Recv conversational gain 2N	12.74 dB	6.00	PASS	

### 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	

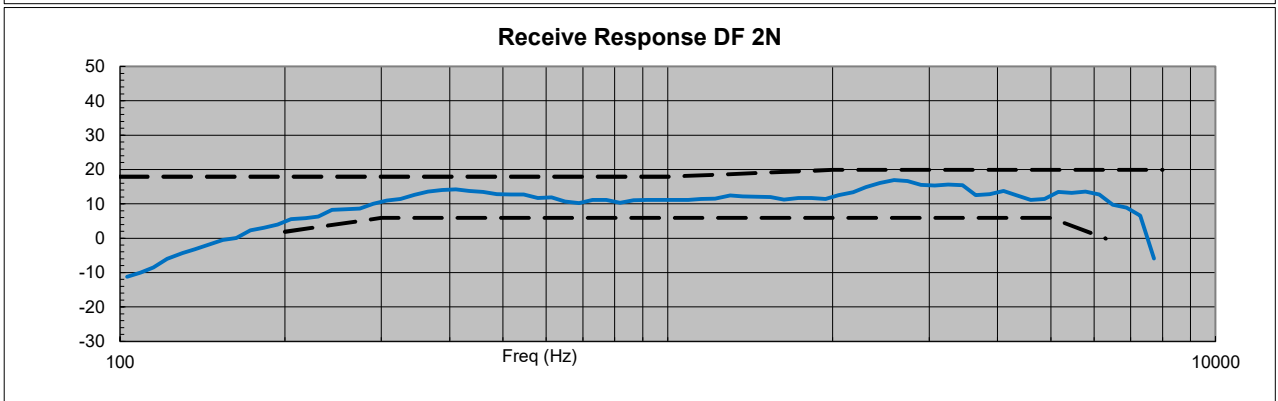
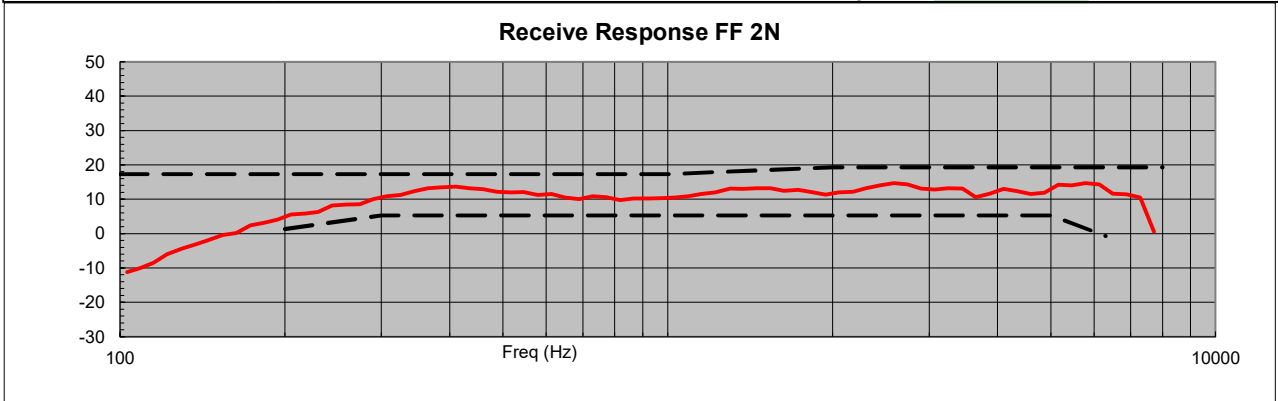
Note: SDNR includes noise and distortion products.

Stimulus level	-20 dBPa
Sentence conditioning	-20 dBPa
Short conditioning	-20 dBPa



### 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	



## TIA-5050 Receive Volume Control Measurements - 2N

<b>Device Under Test:</b>	20241001_N5_WB_20MHz_DFTS_QPSK_RB1-1_ch167300
<b>Bandwidth</b>	Wideband
<b>Test Date:</b>	2024-10-01

### Receive Volume Control Performance

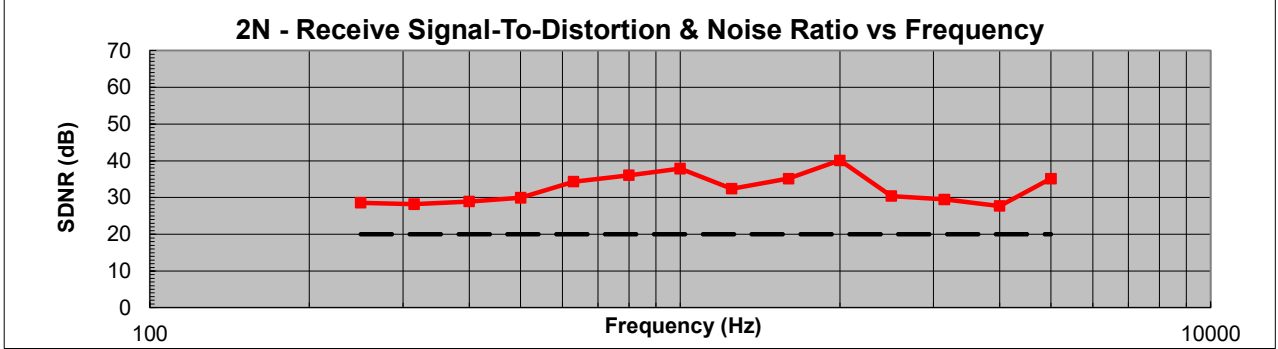
TIA-5050	Test	Measured	Limits	Result	Reference
Clause 5.1	Recv output level dB SPL 2N	82.77 dB	info only		
	Recv conversational gain 2N	12.77 dB	6.00	PASS	

### 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	

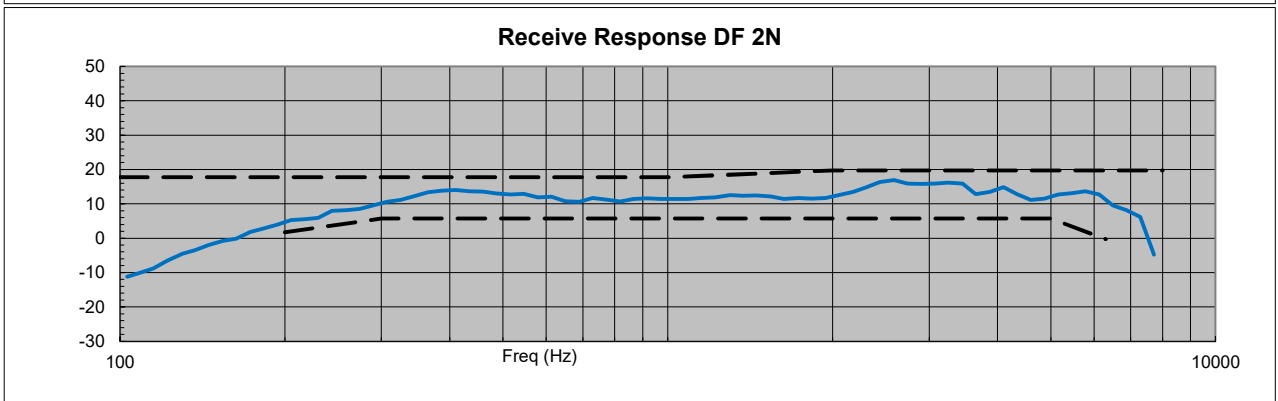
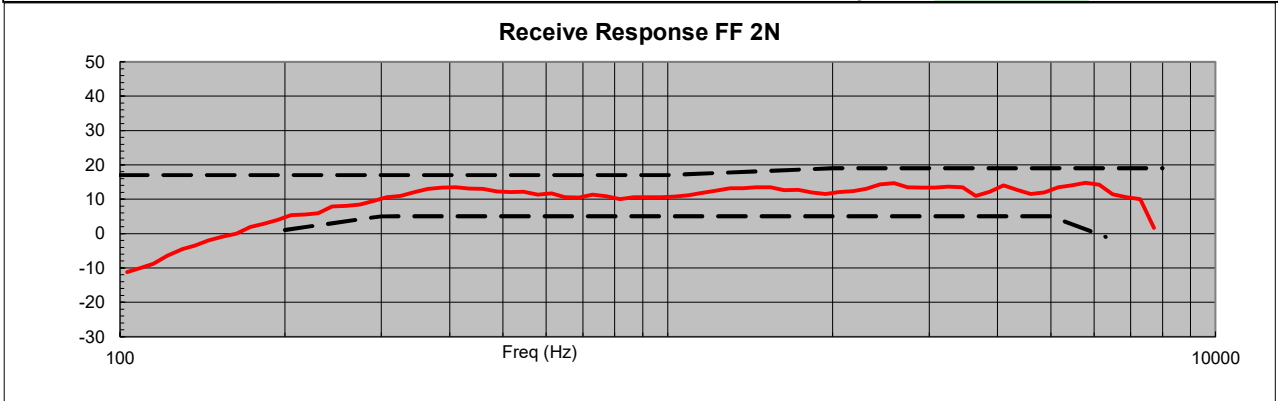
Note: SDNR includes noise and distortion products.

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

<b>Device Under Test:</b>	20241001_N25_WB_40MHz_DFTS_QPSK_RB1-1_ch376500
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<b>Bandwidth</b>	Wideband
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<b>Test Date:</b>	2024-10-01
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### Receive Volume Control Performance

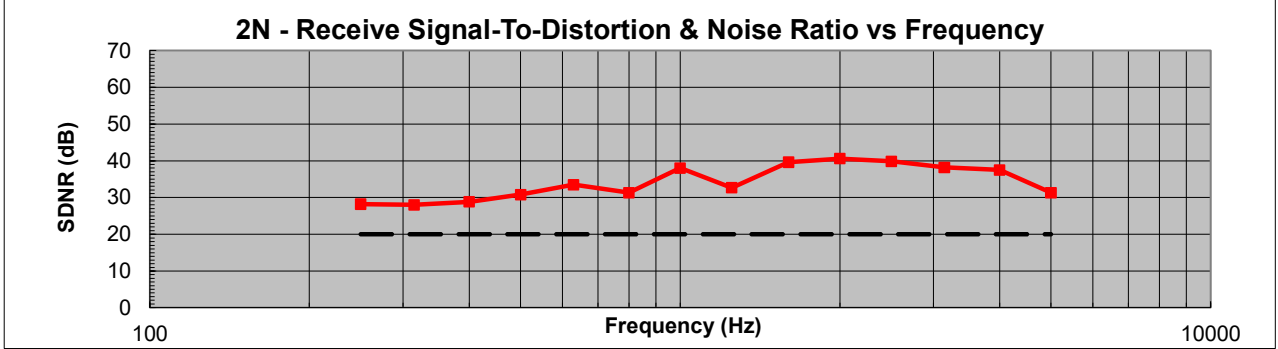
TIA-5050	Test	Measured	Limits	Result	Reference
Clause 5.1	Recv output level dB SPL 2N	82.71 dB	info only		
	Recv conversational gain 2N	12.71 dB	6.00	PASS	

### 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	

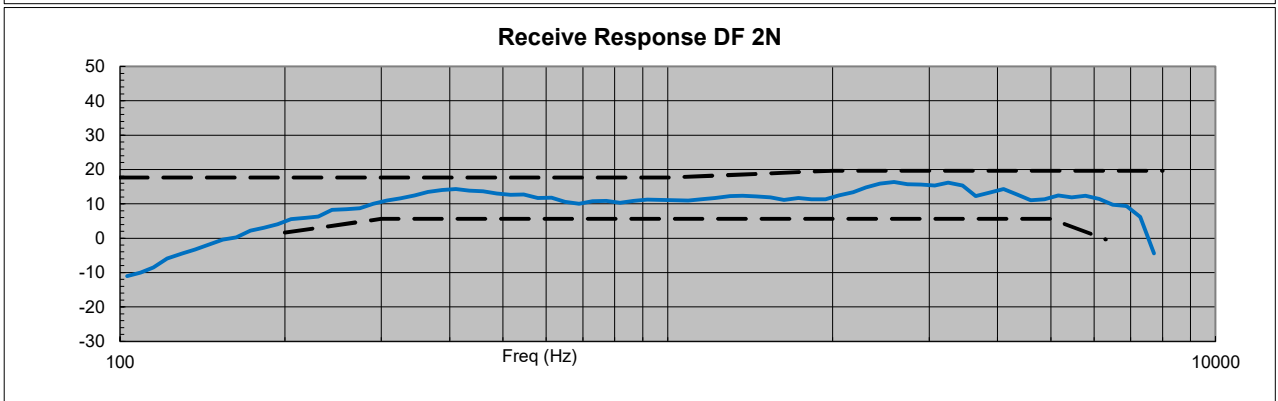
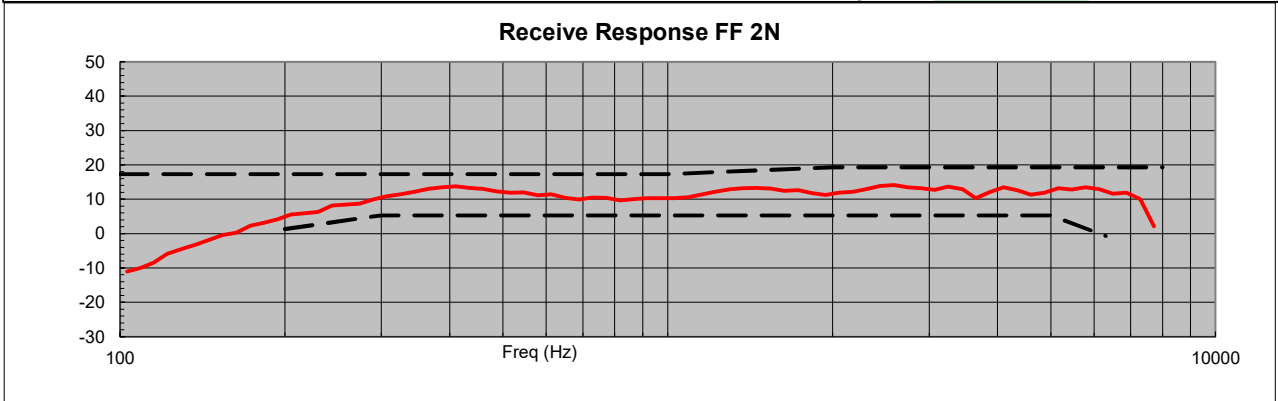
Note: SDNR includes noise and distortion products.

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

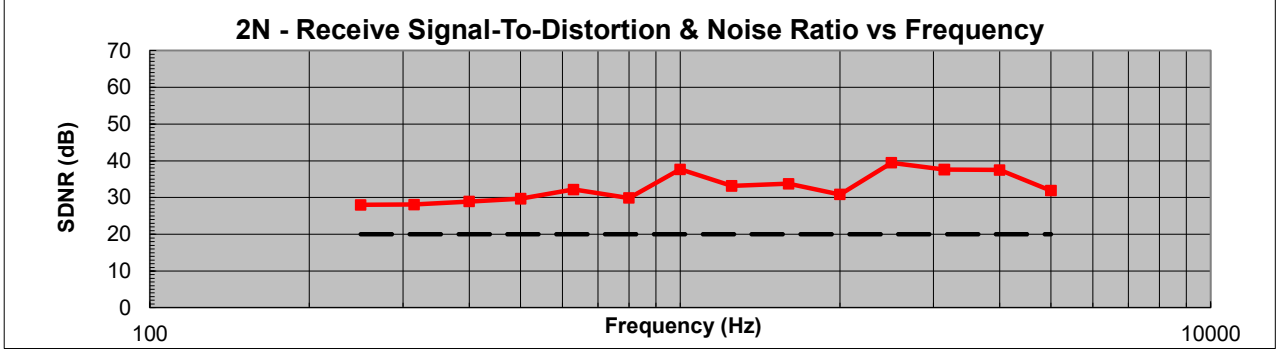
<b>Device Under Test:</b>	20241001_N30_WB_10MHz_DFTS_QPSK_RB1-1_ch462000
<b>Bandwidth</b>	Wideband
<b>Test Date:</b>	2024-10-01

### 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	

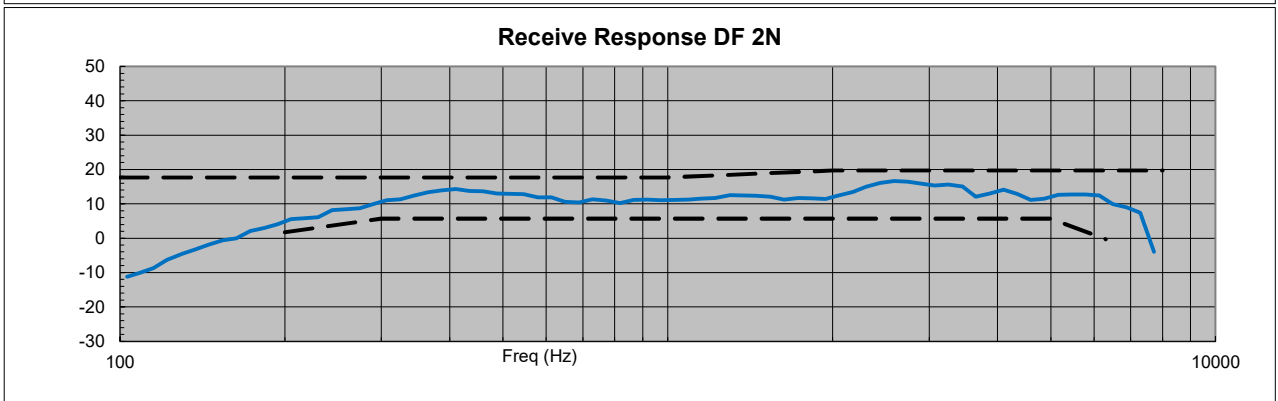
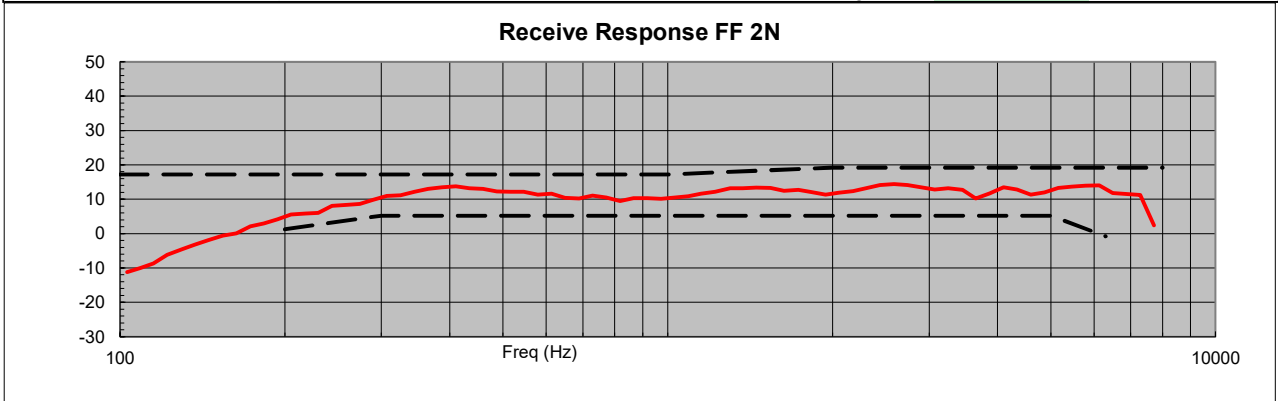
### Receive Distortion and Noise Performance

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	



### 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	



## TIA-5050 Receive Volume Control Measurements - 2N

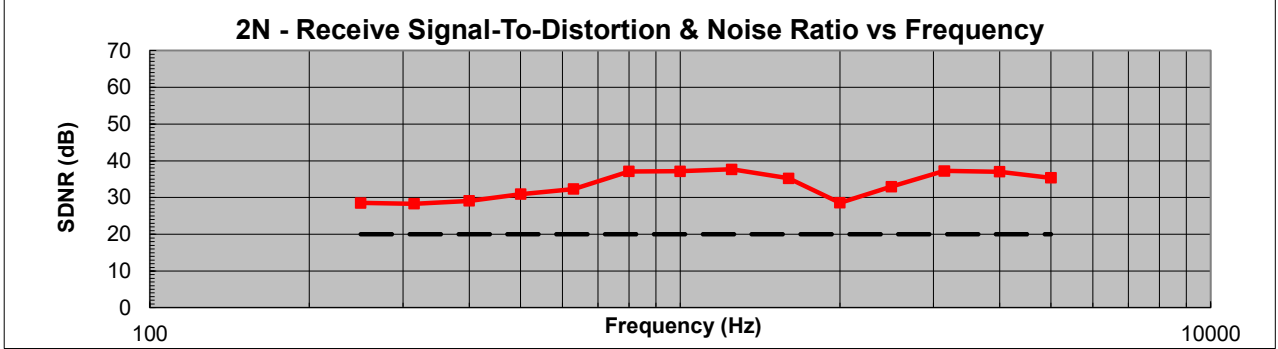
<b>Device Under Test:</b>	20241001_N66_WB_40MHz_DFTS_QPSK_RB1-1_ch349000
<b>Bandwidth</b>	Wideband
<b>Test Date:</b>	2024-10-01

### 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	

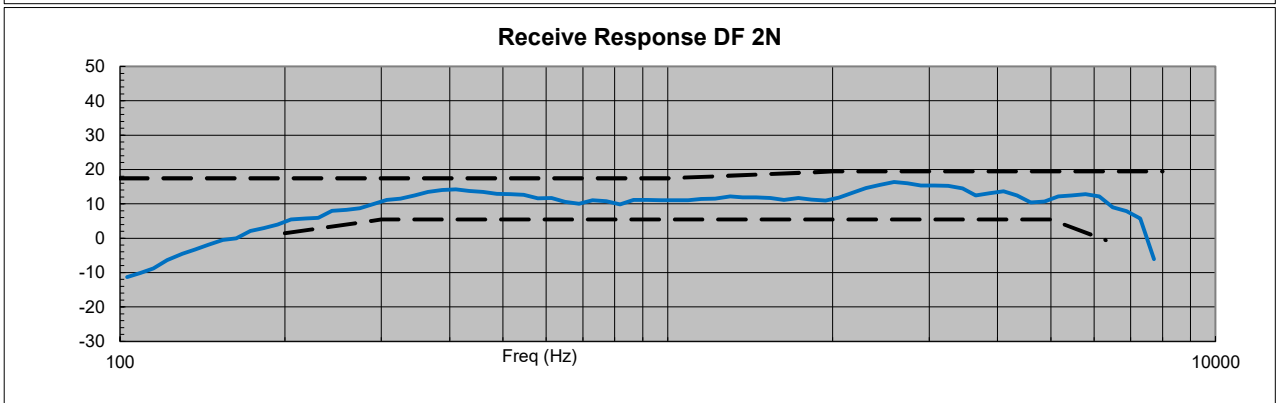
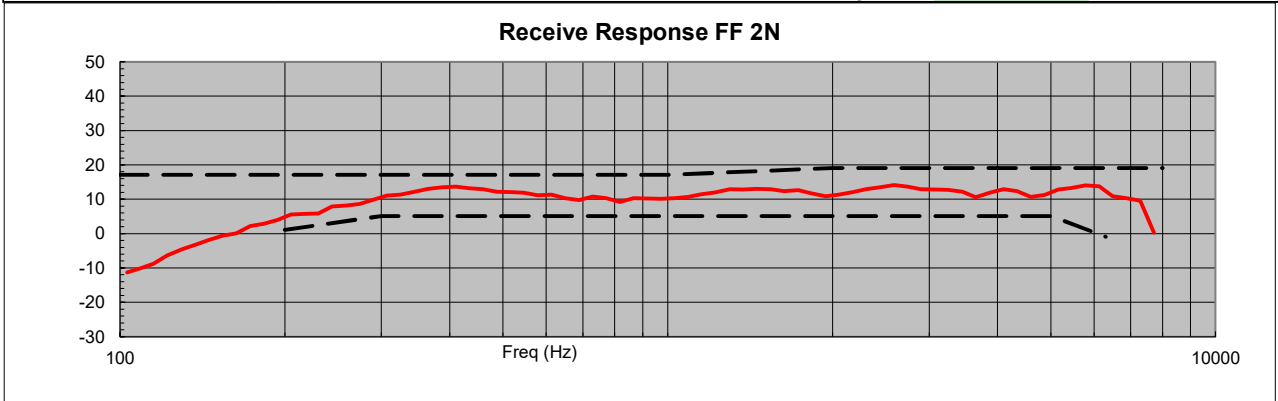
### Receive Distortion and Noise Performance

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

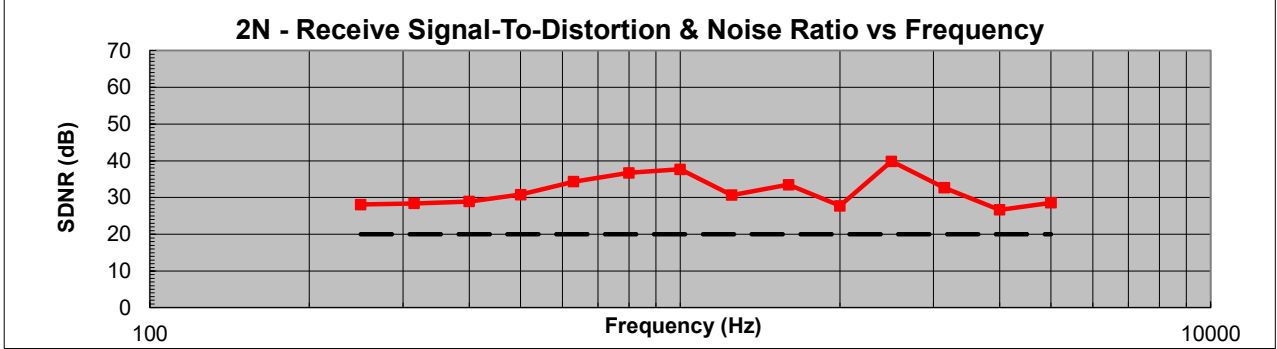
<b>Device Under Test:</b>	20241001_N70_WB_15MHz_DFTS_QPSK_RB1-1_ch340500
<b>Bandwidth</b>	Wideband
<b>Test Date:</b>	2024-10-01

### 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	

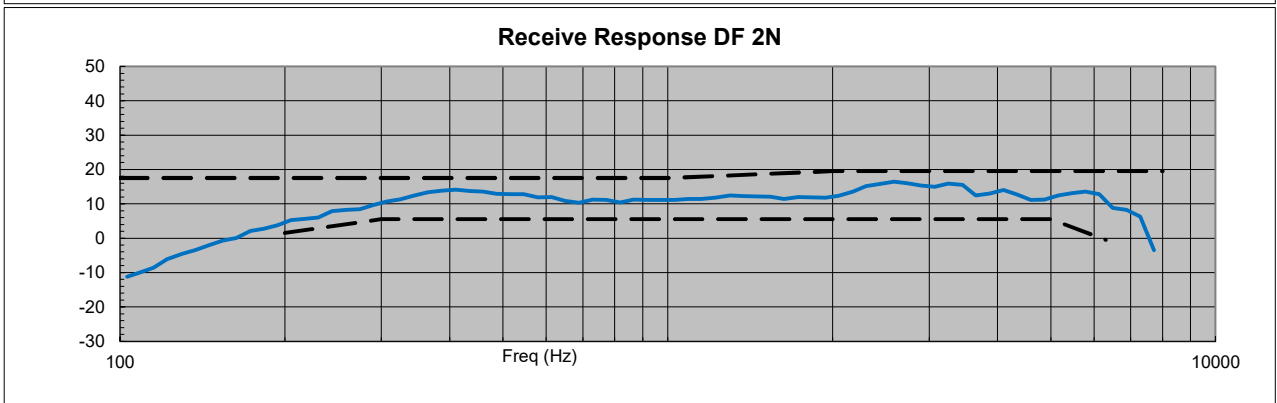
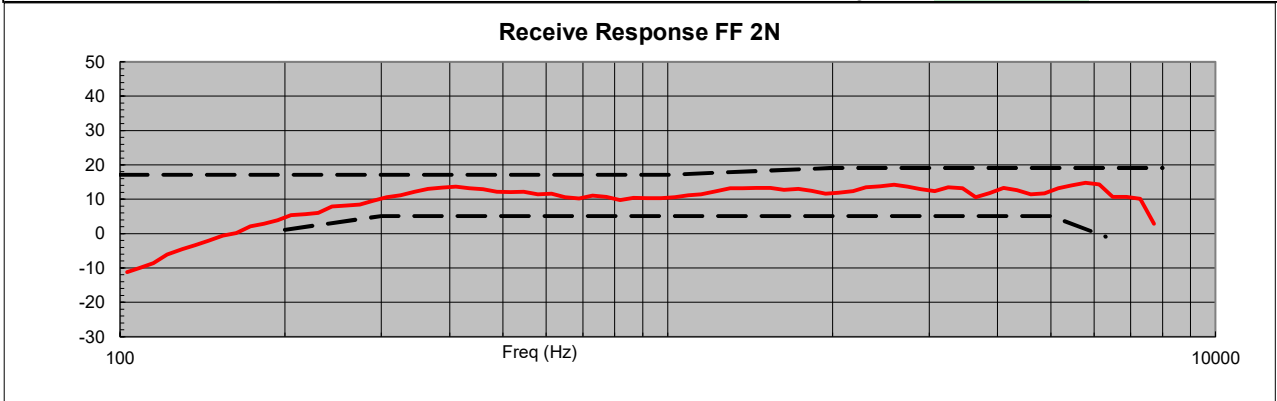
### Receive Distortion and Noise Performance

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	



### 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	



## TIA-5050 Receive Volume Control Measurements - 2N

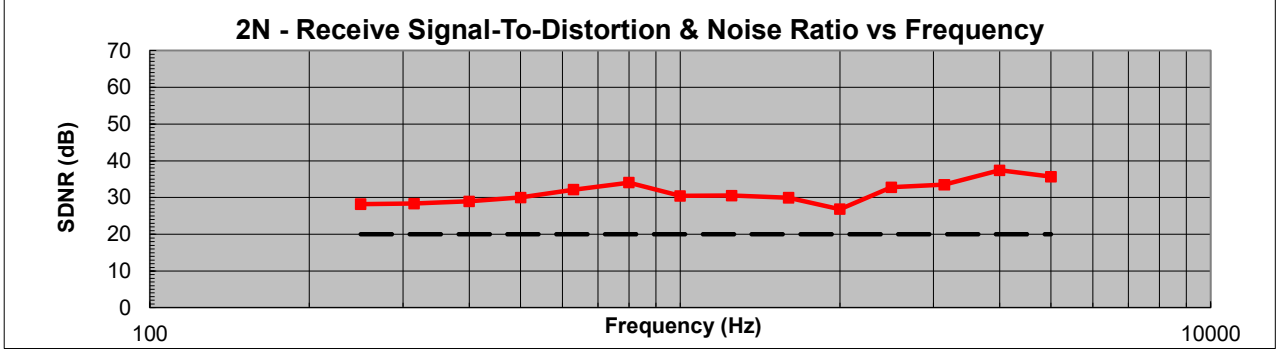
<b>Device Under Test:</b>	20241001_N71_WB_20MHz_DFTS_QPSK_RB1-1_ch136100
<b>Bandwidth</b>	Wideband
<b>Test Date:</b>	2024-10-01

### 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	

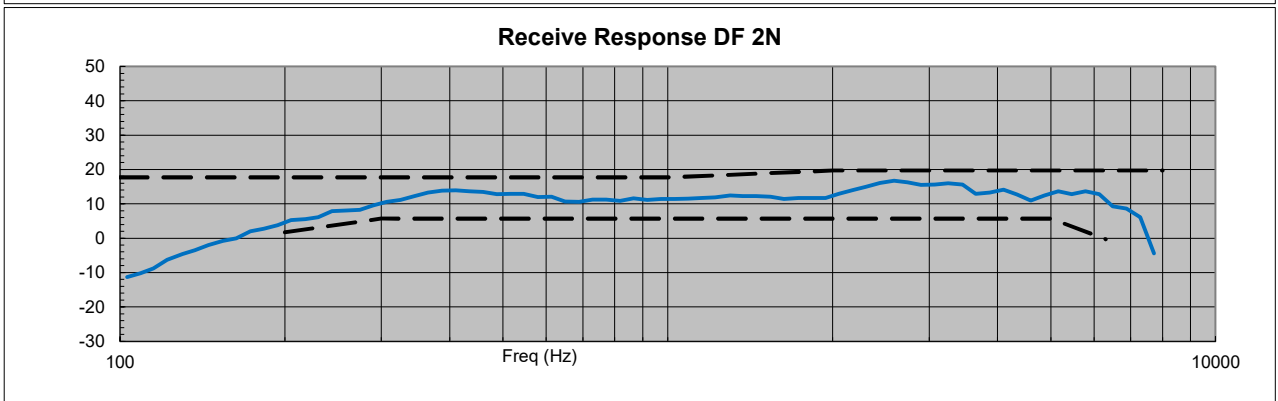
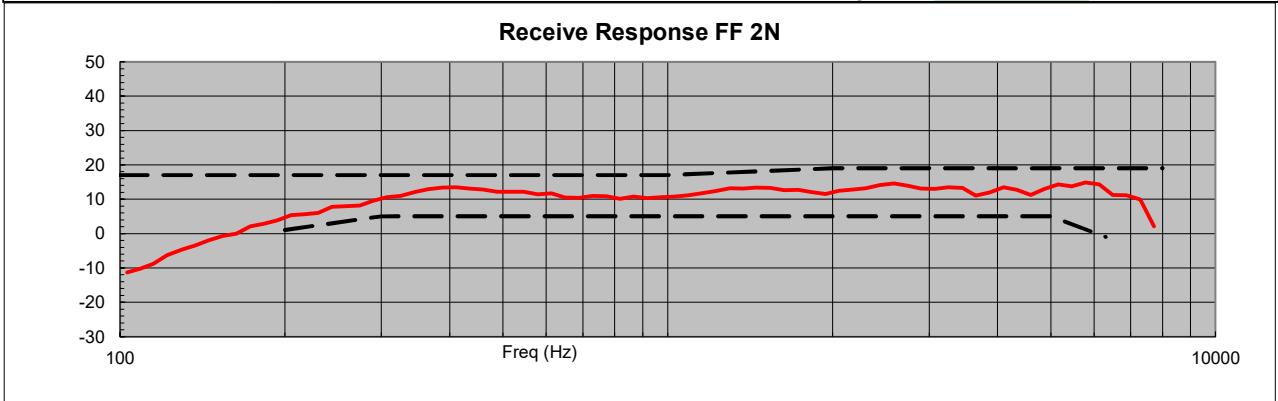
### Receive Distortion and Noise Performance

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

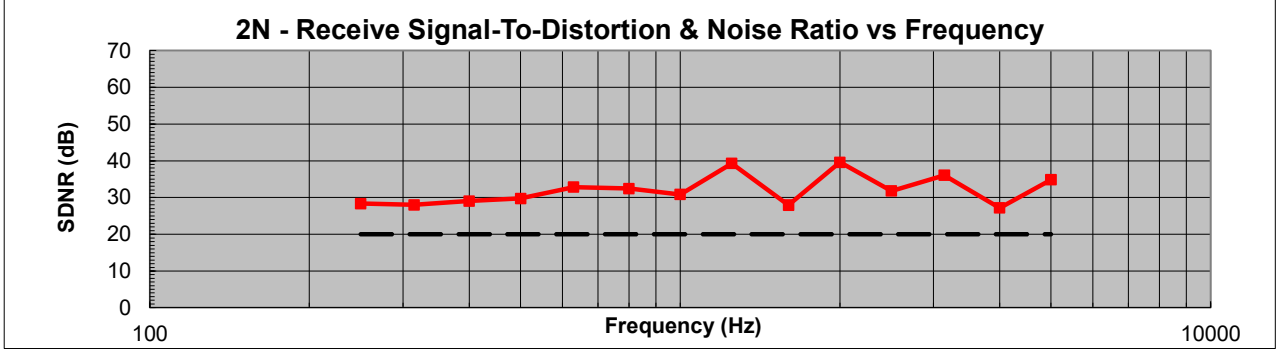
<b>Device Under Test:</b>	20240928_N41_WB_100MHz_DFTS_QPSK_RB1_1_ch518598
<b>Bandwidth</b>	Wideband
<b>Test Date:</b>	2024-09-28

### 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	

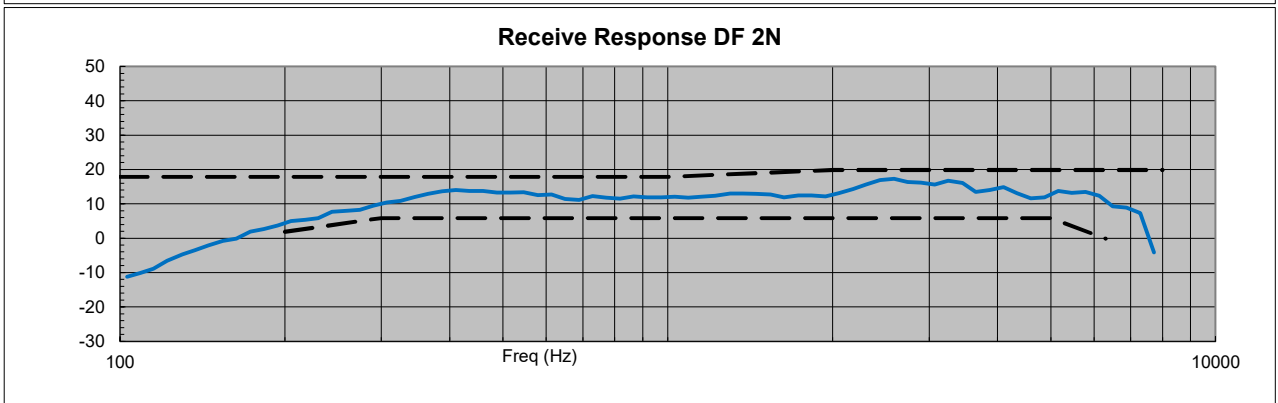
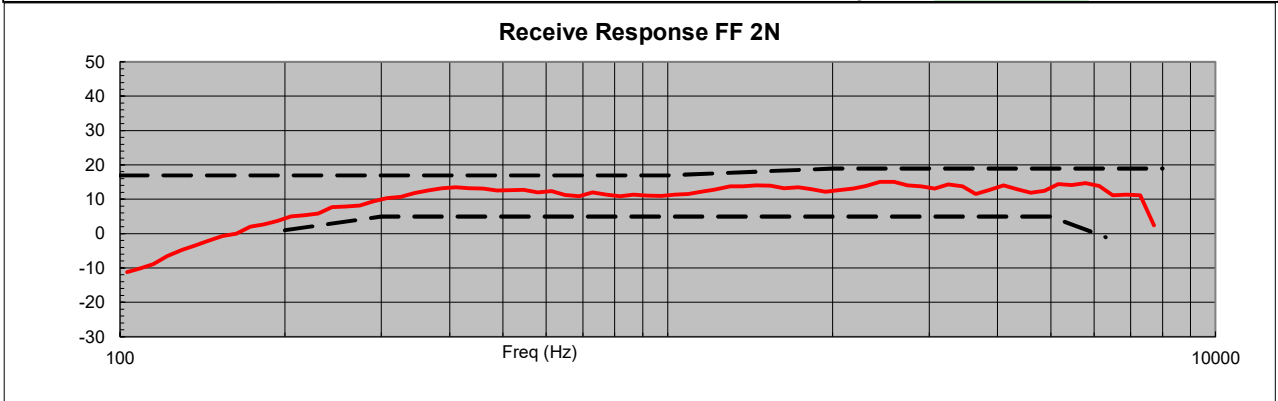
### Receive Distortion and Noise Performance

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

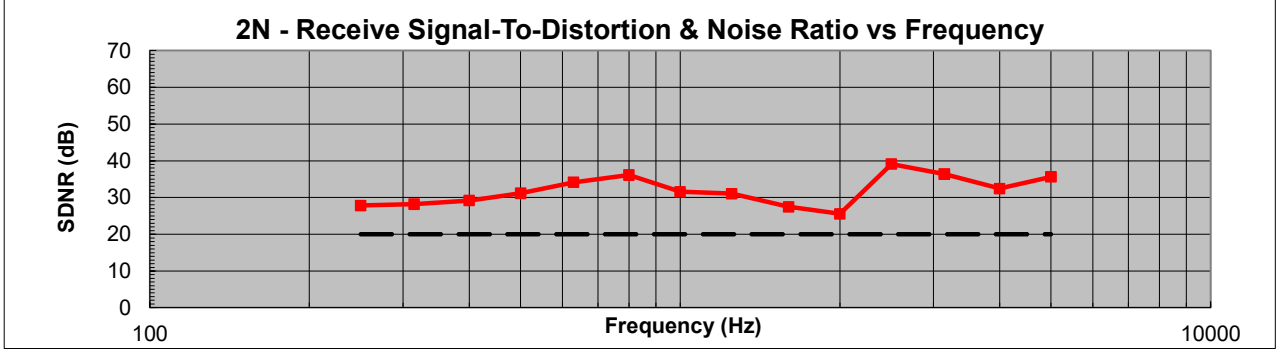
<b>Device Under Test:</b>	20240928_N48_WB_40MHz_DFTS_QPSK_RB1_1_ch641666
<b>Bandwidth</b>	Wideband
<b>Test Date:</b>	2024-09-28

### 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	

