

TIA-5050 Receive Volume Control Measurements - 2N

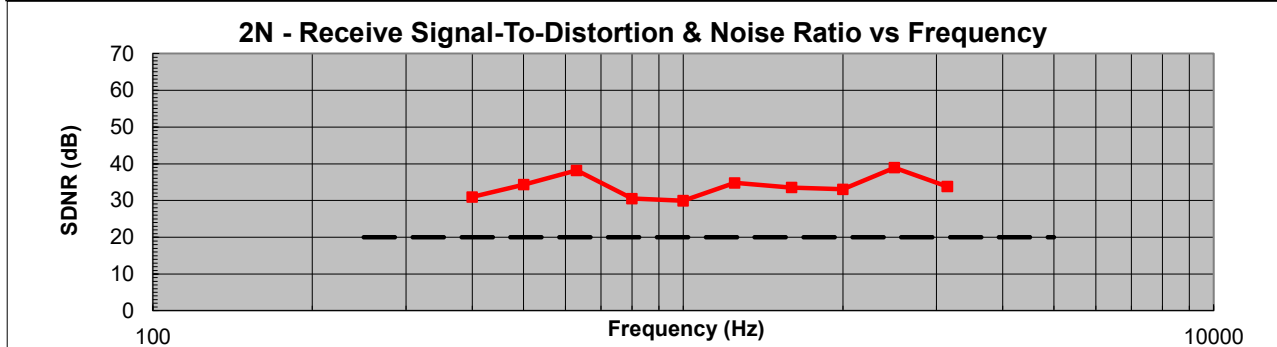
Device Under Test:	20251117_B66_config1_NB
Bandwidth	Narrowband
Test Date:	2025-11-17

Receive Volume Control Performance

TIA-5050	Test	Measured	Limits	Result	Reference
Clause 5.1	Recv output level dB SPL 2N	88.44 dB	info only		
	Recv conversational gain 2N	18.44 dB	6.00	PASS	

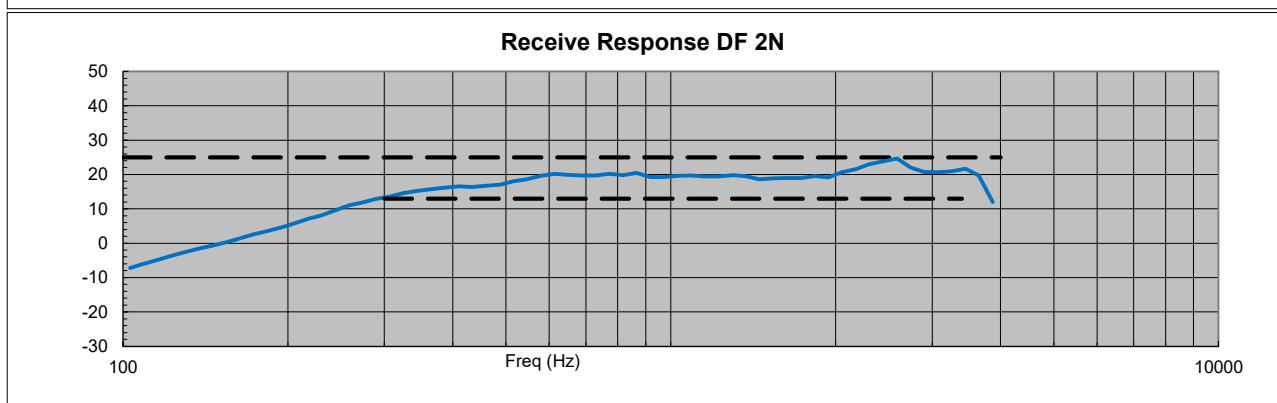
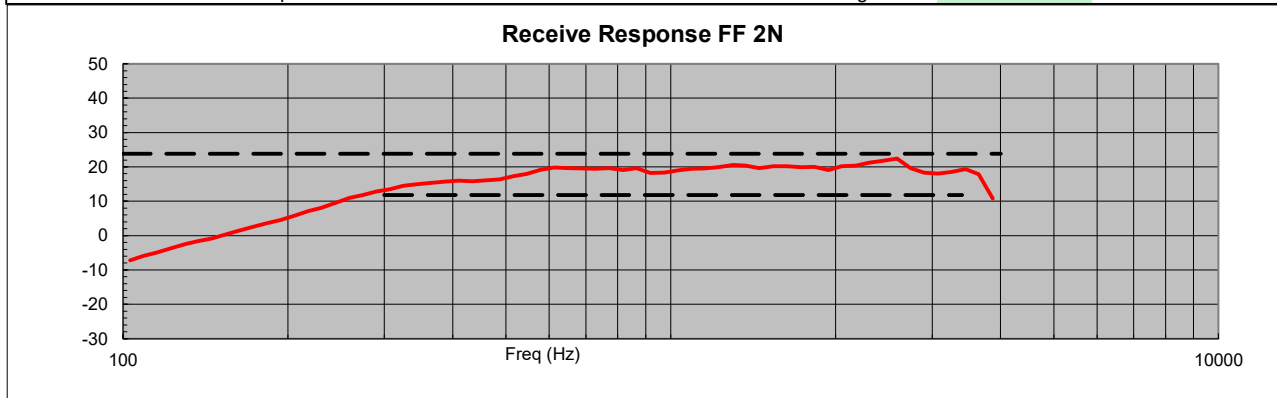
Receive Distortion and Noise Performance

TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.2	Recv PN-SDNR 2N	9.93 dB	Absolute Limits	PASS	
Note: SDNR includes noise and distortion products.					
Stimulus level				-20 dBP _a	
Sentence conditioning				-20 dBP _a	
Short conditioning				-20 dBP _a	



Receive Acoustic Frequency Response Performance

TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.3	Recv resp FF 2N	1.41 dB	Floating Limits	PASS	
	Recv resp DF 2N	0.33 dB	Floating Limits	PASS	



TIA-5050 Receive Volume Control Measurements - 2N

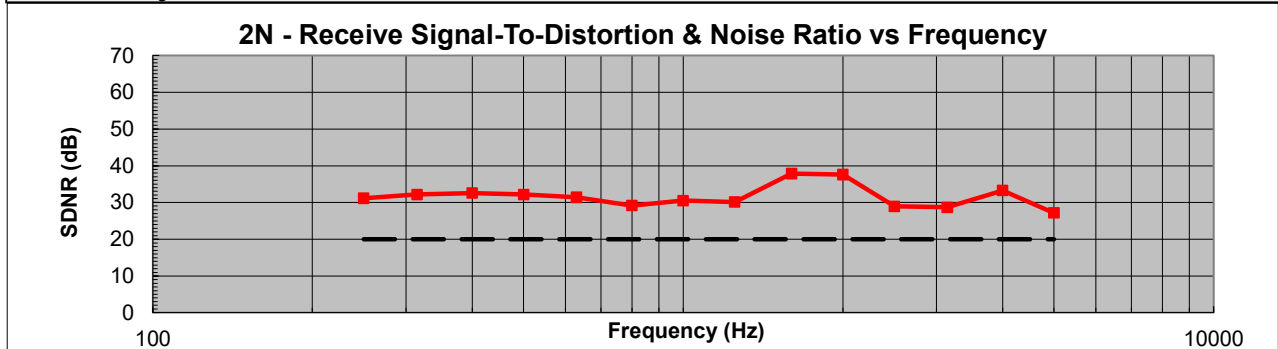
Device Under Test:	20251117_B66_config0_WB
Bandwidth	Wideband
Test Date:	2025-11-17

Receive Volume Control Performance

TIA-5050	Test	Measured	Limits	Result	Reference
Clause 5.1	Recv output level dB SPL 2N	85.91 dB	info only		
	Recv conversational gain 2N	15.91 dB	6.00	PASS	

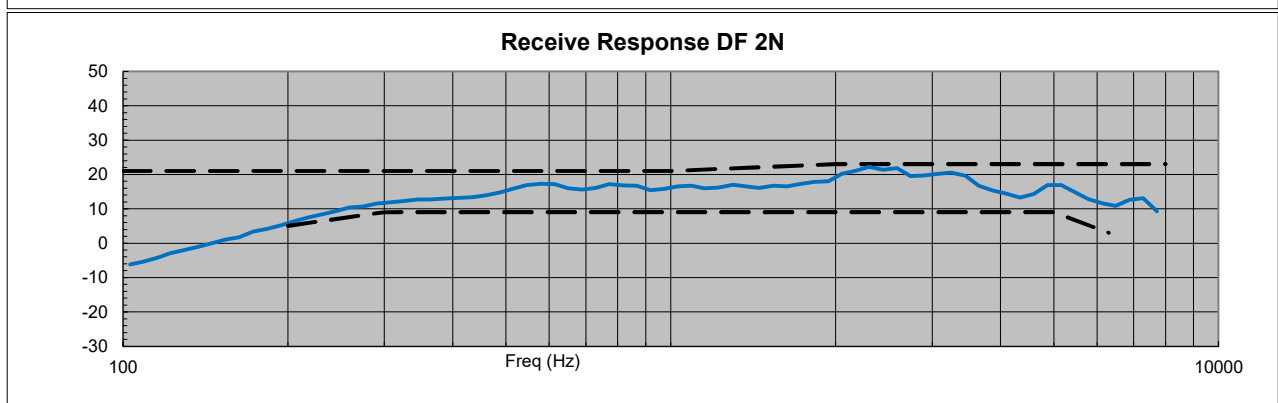
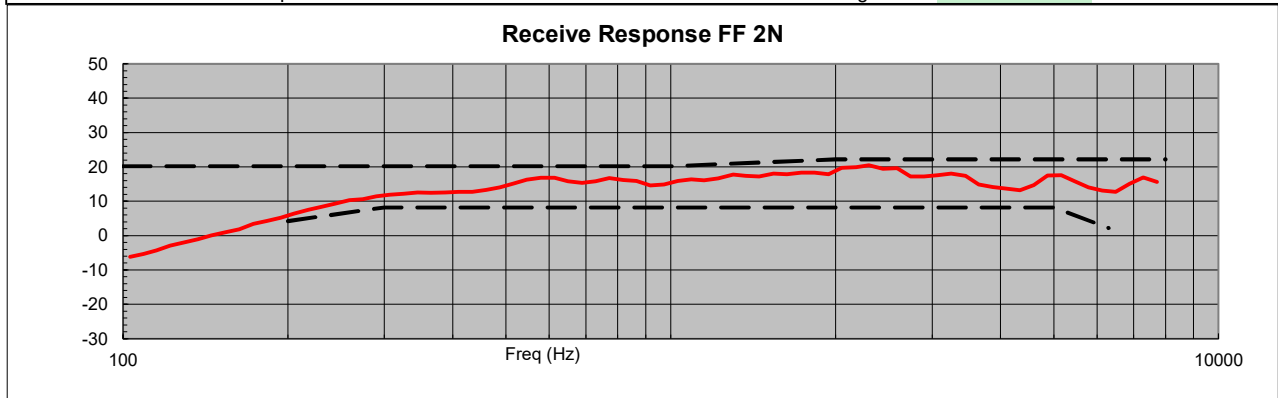
Receive Distortion and Noise Performance

TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.2	Recv PN-SDNR 2N	7.18 dB	Absolute Limits	PASS	
Note: SDNR includes noise and distortion products.					
Stimulus level				-20 dBPa	
Sentence conditioning				-20 dBPa	
Short conditioning				-20 dBPa	



Receive Acoustic Frequency Response Performance

TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.3	Recv resp FF 2N	1.7 dB	Floating Limits	PASS	
	Recv resp DF 2N	0.8 dB	Floating Limits	PASS	



TIA-5050 Receive Volume Control Measurements - 2N

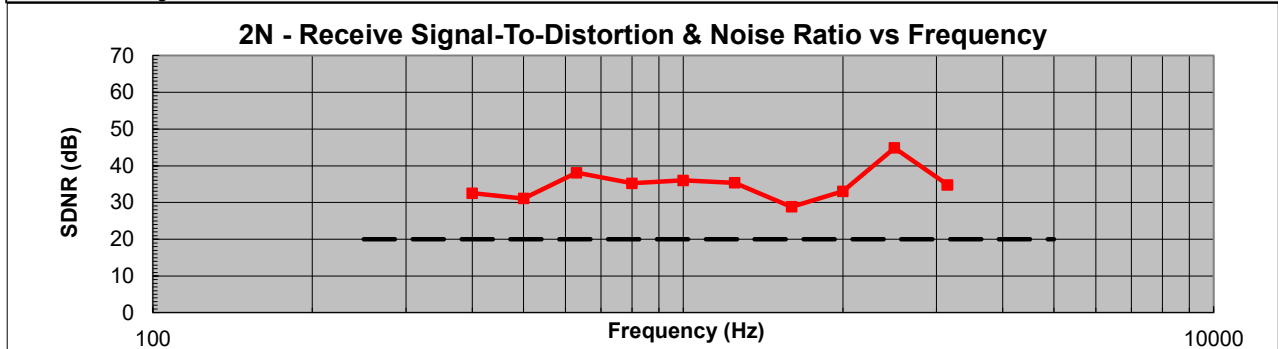
Device Under Test:	20251126_B41_Ant.F_NB
Bandwidth	Narrowband
Test Date:	2025-11-26

Receive Volume Control Performance

TIA-5050	Test	Measured	Limits	Result	Reference
Clause 5.1	Recv output level dB SPL 2N	88.19 dB	info only		
	Recv conversational gain 2N	18.19 dB	6.00	PASS	

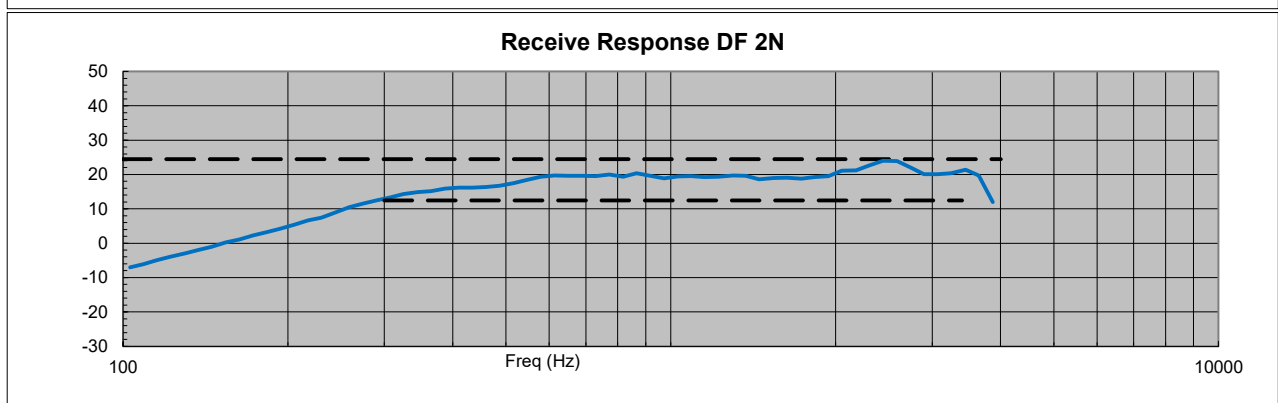
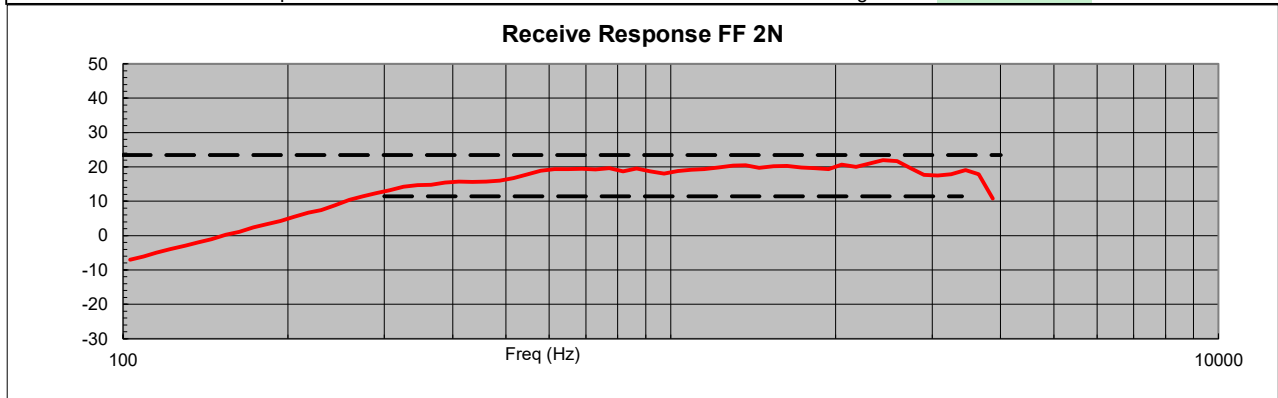
Receive Distortion and Noise Performance

TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.2	Recv PN-SDNR 2N	8.82 dB	Absolute Limits	PASS	
Note: SDNR includes noise and distortion products.					
Stimulus level				-20 dBPa	
Sentence conditioning				-20 dBPa	
Short conditioning				-20 dBPa	



Receive Acoustic Frequency Response Performance

TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.3	Recv resp FF 2N	1.44 dB	Floating Limits	PASS	
	Recv resp DF 2N	0.49 dB	Floating Limits	PASS	



TIA-5050 Receive Volume Control Measurements - 2N

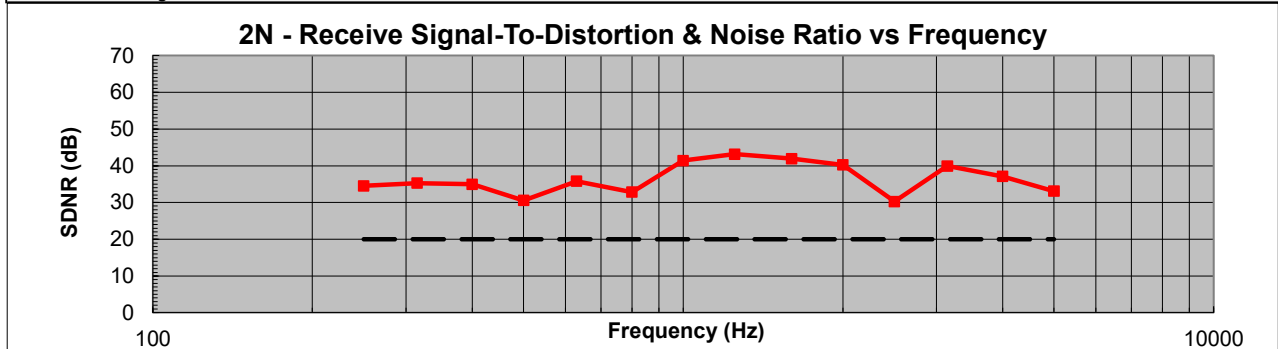
Device Under Test:	20251126_B41_Ant.B_WB
Bandwidth	Wideband
Test Date:	2025-11-26

Receive Volume Control Performance

TIA-5050	Test	Measured	Limits	Result	Reference
Clause 5.1	Recv output level dB SPL 2N	86.28 dB	info only		
	Recv conversational gain 2N	16.28 dB	6.00	PASS	

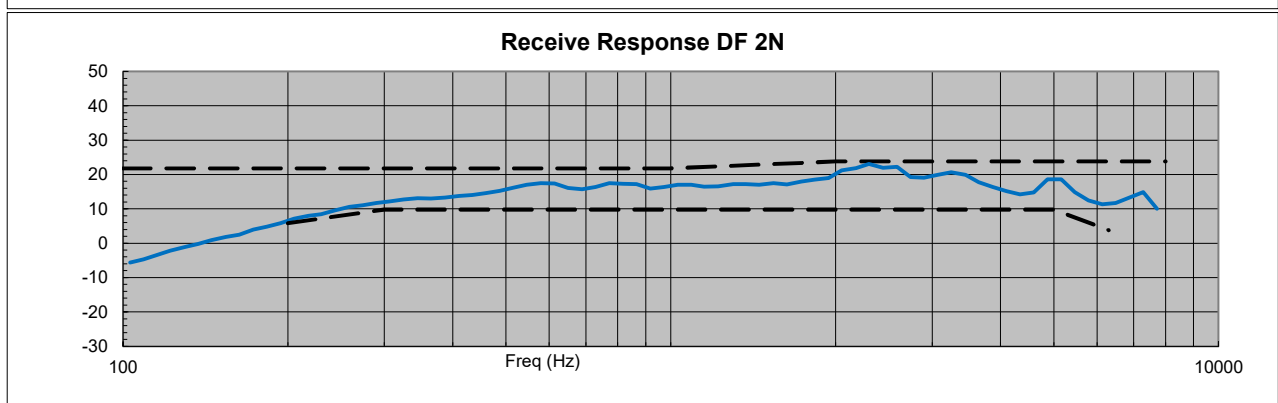
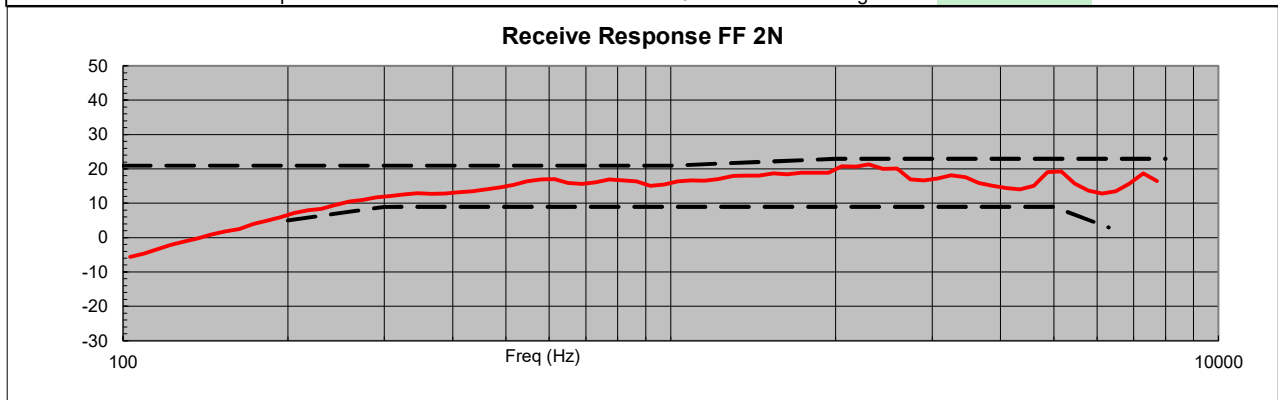
Receive Distortion and Noise Performance

TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.2	Recv PN-SDNR 2N	10.25 dB	Absolute Limits	PASS	
Note: SDNR includes noise and distortion products.					
Stimulus level				-20 dBPa	
Sentence conditioning				-20 dBPa	
Short conditioning				-20 dBPa	



Receive Acoustic Frequency Response Performance

TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.3	Recv resp FF 2N	1.63 dB	Floating Limits	PASS	
	Recv resp DF 2N	0.7 dB	Floating Limits	PASS	



TIA-5050 Receive Volume Control Measurements - 2N

Device Under Test:	20251128_n66_Ant.F_NB
Bandwidth	Narrowband
Test Date:	2025-11-28

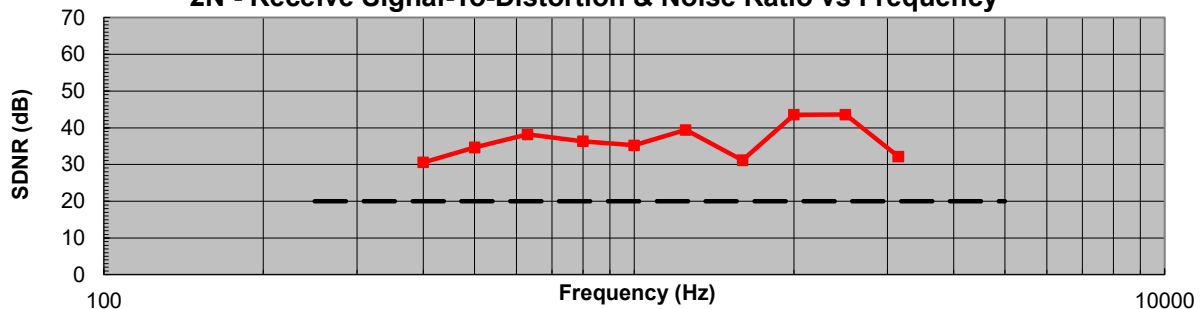
Receive Volume Control Performance

TIA-5050	Test	Measured	Limits	Result	Reference
Clause 5.1	Recv output level dB SPL 2N	88.37 dB	info only		
	Recv conversational gain 2N	18.37 dB	6.00	PASS	

Receive Distortion and Noise Performance

TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.2	Recv PN-SDNR 2N	10.55 dB	Absolute Limits	PASS	
Note: SDNR includes noise and distortion products.					
Stimulus level				-20 dBPa	
Sentence conditioning				-20 dBPa	
Short conditioning				-20 dBPa	

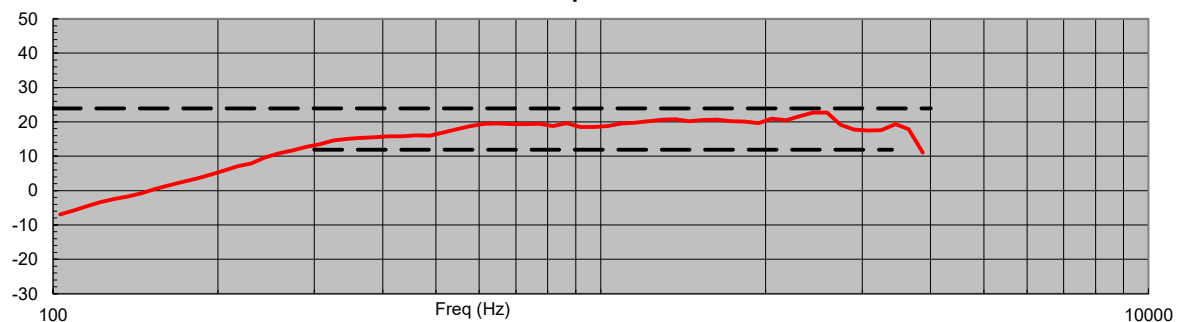
2N - Receive Signal-To-Distortion & Noise Ratio vs Frequency



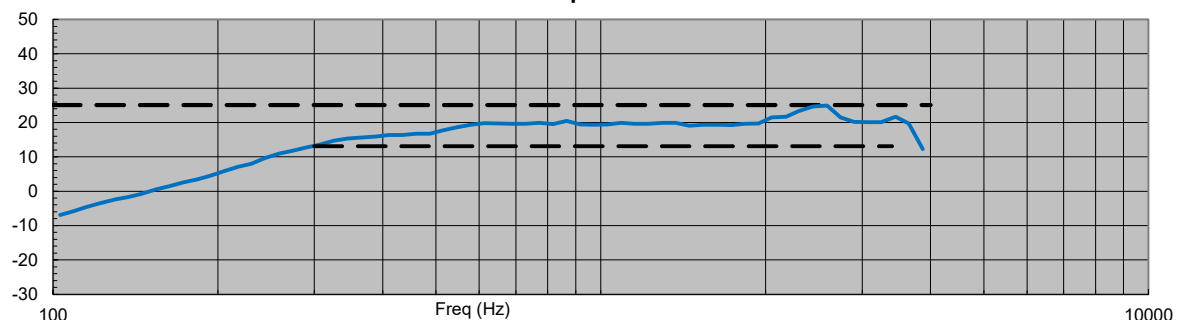
Receive Acoustic Frequency Response Performance

TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.3	Recv resp FF 2N	1.25 dB	Floating Limits	PASS	
	Recv resp DF 2N	0.16 dB	Floating Limits	PASS	

Receive Response FF 2N



Receive Response DF 2N



TIA-5050 Receive Volume Control Measurements - 2N

Device Under Test:	20251128_n26_Ant.E_WB
Bandwidth	Wideband
Test Date:	2025-11-28

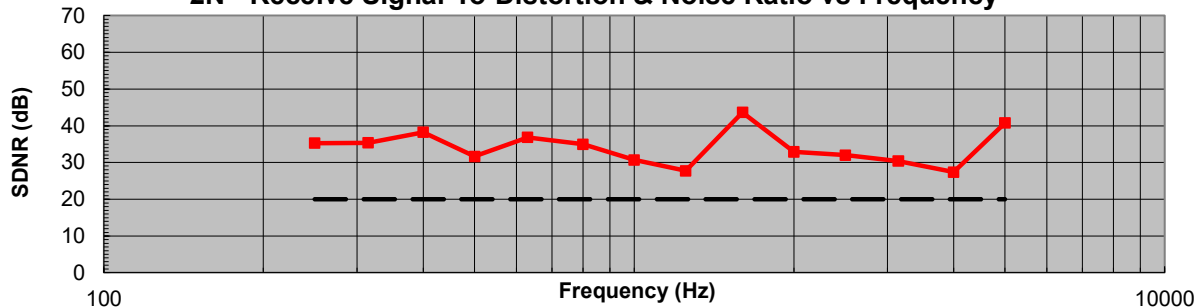
Receive Volume Control Performance

TIA-5050	Test	Measured	Limits	Result	Reference
Clause 5.1	Recv output level dB SPL 2N	86.15 dB	info only		
	Recv conversational gain 2N	16.15 dB	6.00	PASS	

Receive Distortion and Noise Performance

TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.2	Recv PN-SDNR 2N	7.39 dB	Absolute Limits	PASS	
Note: SDNR includes noise and distortion products.					
Stimulus level				-20 dBPa	
Sentence conditioning				-20 dBPa	
Short conditioning				-20 dBPa	

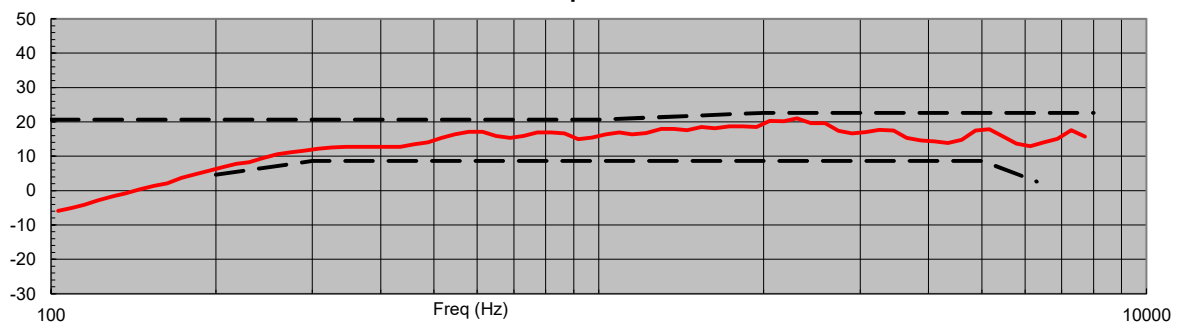
2N - Receive Signal-To-Distortion & Noise Ratio vs Frequency



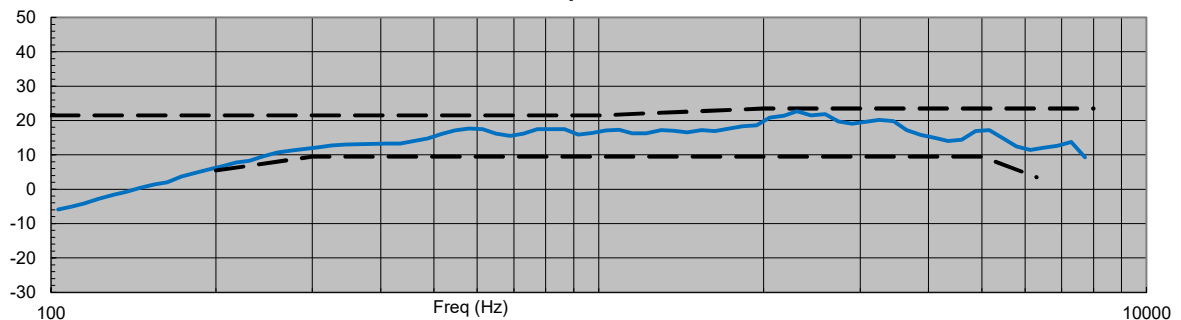
Receive Acoustic Frequency Response Performance

TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.3	Recv resp FF 2N	1.65 dB	Floating Limits	PASS	
	Recv resp DF 2N	0.8 dB	Floating Limits	PASS	

Receive Response FF 2N



Receive Response DF 2N



TIA-5050 Receive Volume Control Measurements - 2N

Device Under Test:	20251128_n41_Ant.F_NB
Bandwidth	Narrowband
Test Date:	2025-11-28

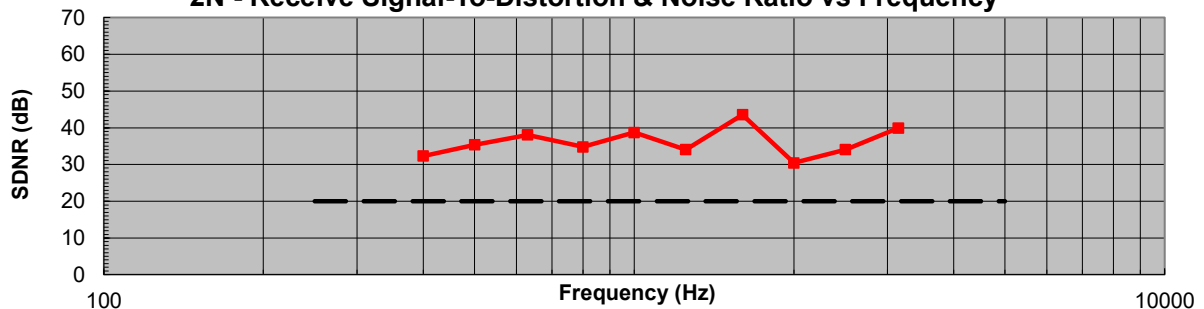
Receive Volume Control Performance

TIA-5050	Test	Measured	Limits	Result	Reference
Clause 5.1	Recv output level dB SPL 2N	88.13 dB	info only		
	Recv conversational gain 2N	18.13 dB	6.00	PASS	

Receive Distortion and Noise Performance

TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.2	Recv PN-SDNR 2N	10.47 dB	Absolute Limits	PASS	
Note: SDNR includes noise and distortion products.					
Stimulus level				-20 dBPa	
Sentence conditioning				-20 dBPa	
Short conditioning				-20 dBPa	

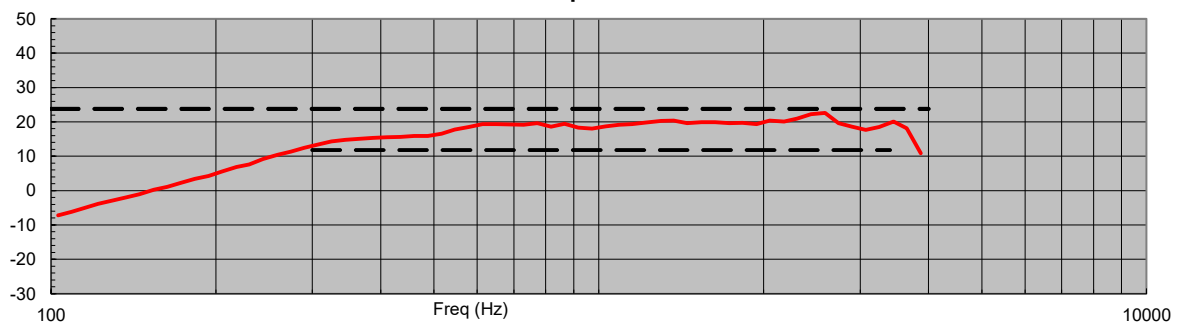
2N - Receive Signal-To-Distortion & Noise Ratio vs Frequency



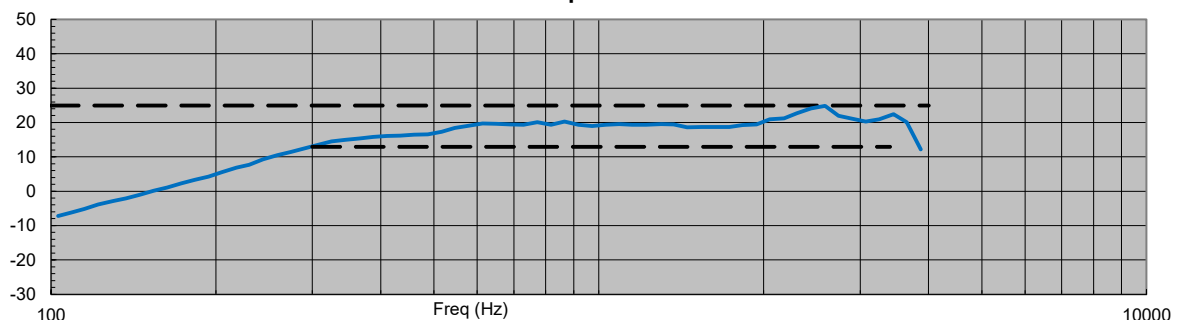
Receive Acoustic Frequency Response Performance

TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.3	Recv resp FF 2N	1.21 dB	Floating Limits	PASS	
	Recv resp DF 2N	0.12 dB	Floating Limits	PASS	

Receive Response FF 2N



Receive Response DF 2N



TIA-5050 Receive Volume Control Measurements - 2N

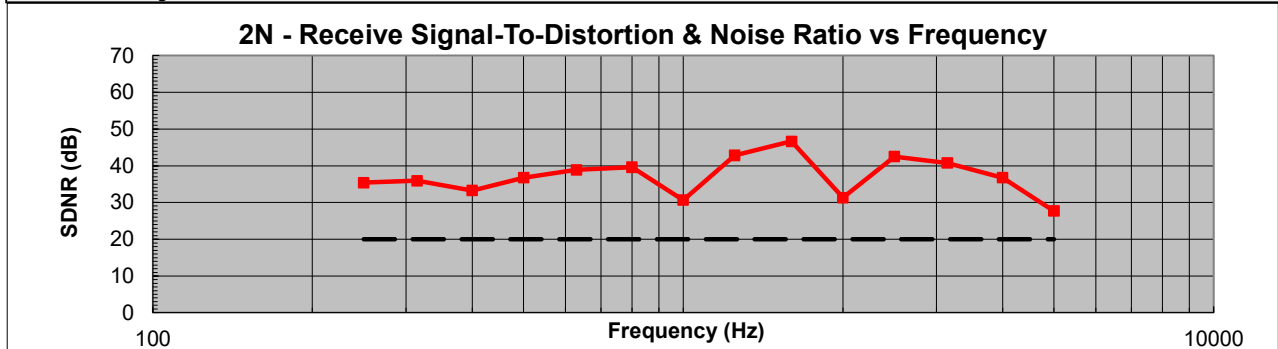
Device Under Test:	20251128_n41_Ant.B_WB
Bandwidth	Wideband
Test Date:	2025-11-28

Receive Volume Control Performance

TIA-5050	Test	Measured	Limits	Result	Reference
Clause 5.1	Recv output level dB SPL 2N	86.16 dB	info only		
	Recv conversational gain 2N	16.16 dB	6.00	PASS	

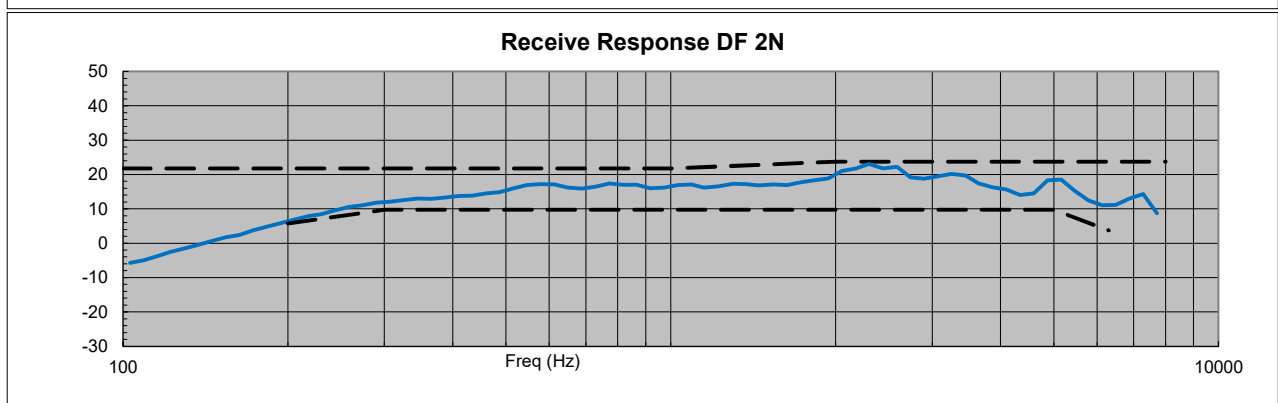
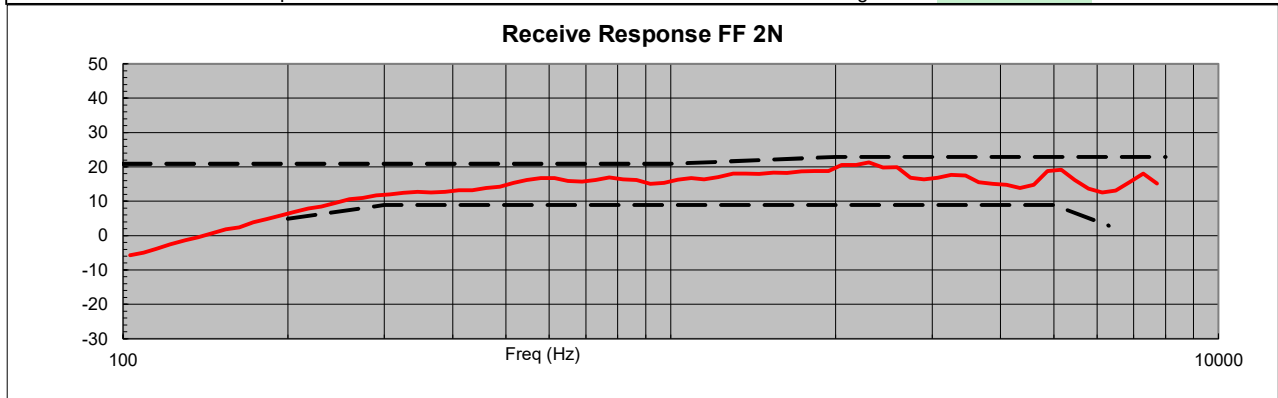
Receive Distortion and Noise Performance

TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.2	Recv PN-SDNR 2N	7.67 dB	Absolute Limits	PASS	
Note: SDNR includes noise and distortion products.					
Stimulus level				-20 dBPa	
Sentence conditioning				-20 dBPa	
Short conditioning				-20 dBPa	



Receive Acoustic Frequency Response Performance

TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.3	Recv resp FF 2N	1.55 dB	Floating Limits	PASS	
	Recv resp DF 2N	0.7 dB	Floating Limits	PASS	



TIA-5050 Receive Volume Control Measurements - 2N

Device Under Test:	20251130_2.4G_MIMO_NB
Bandwidth	Narrowband
Test Date:	2025-11-30

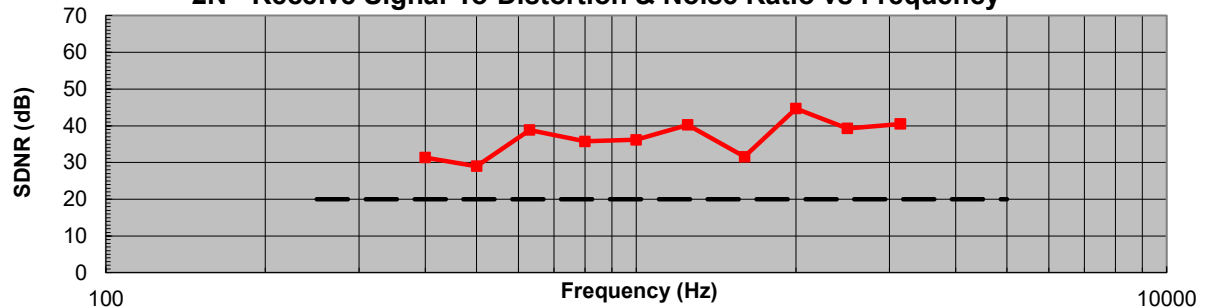
Receive Volume Control Performance

TIA-5050	Test	Measured	Limits	Result	Reference
Clause 5.1	Recv output level dB SPL 2N	88.42 dB	info only		
	Recv conversational gain 2N	18.42 dB	6.00	PASS	

Receive Distortion and Noise Performance

TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.2	Recv PN-SDNR 2N	9.02 dB	Absolute Limits	PASS	
Note: SDNR includes noise and distortion products.					
Stimulus level				-20 dBPa	
Sentence conditioning				-20 dBPa	
Short conditioning				-20 dBPa	

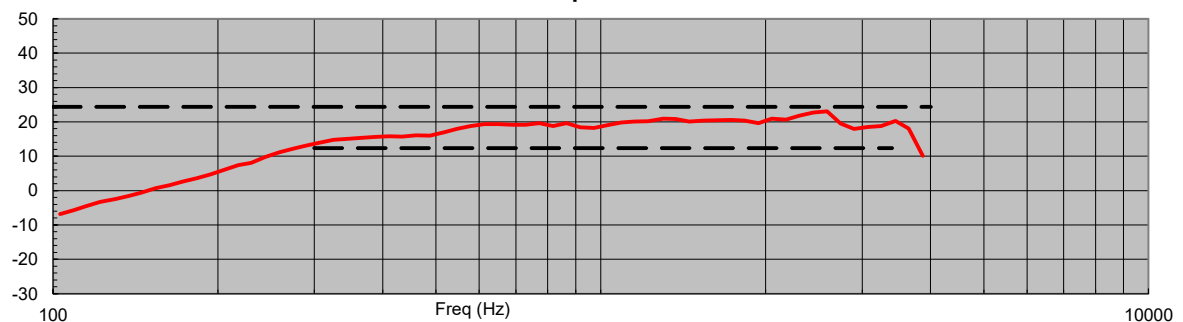
2N - Receive Signal-To-Distortion & Noise Ratio vs Frequency



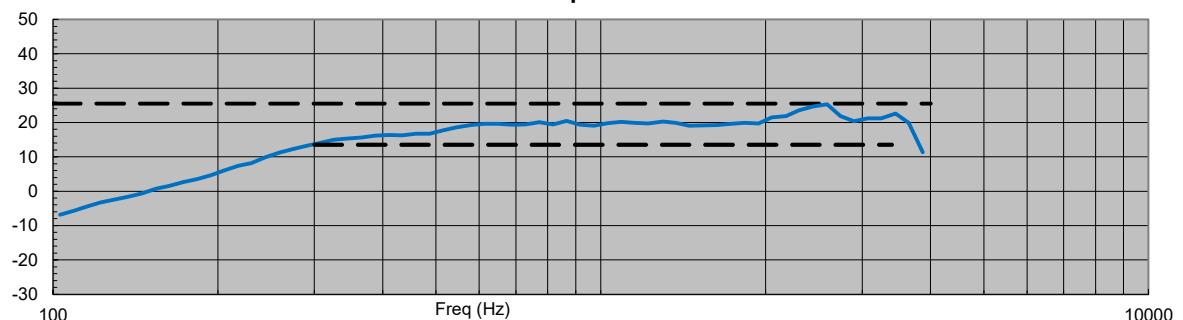
Receive Acoustic Frequency Response Performance

TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.3	Recv resp FF 2N	1.25 dB	Floating Limits	PASS	
	Recv resp DF 2N	0.16 dB	Floating Limits	PASS	

Receive Response FF 2N



Receive Response DF 2N



TIA-5050 Receive Volume Control Measurements - 2N

Device Under Test:	20251130_2.4G_MIMO_WB
Bandwidth	Wideband
Test Date:	2025-11-30

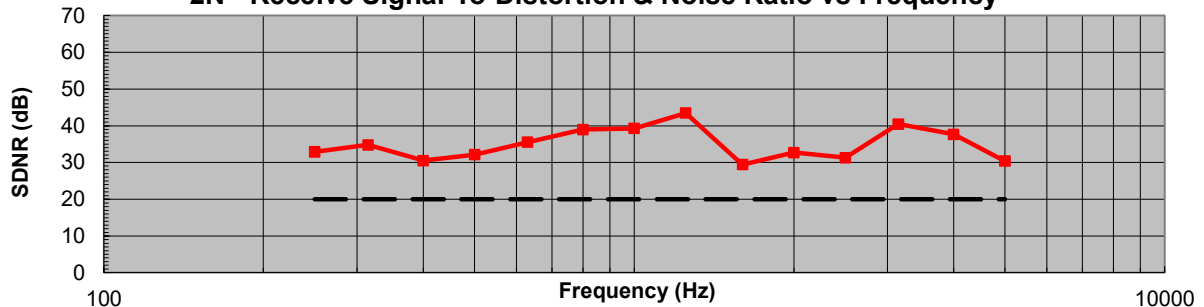
Receive Volume Control Performance

TIA-5050	Test	Measured	Limits	Result	Reference
Clause 5.1	Recv output level dB SPL 2N	86.52 dB	info only		
	Recv conversational gain 2N	16.52 dB	6.00	PASS	

Receive Distortion and Noise Performance

TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.2	Recv PN-SDNR 2N	9.4 dB	Absolute Limits	PASS	
Note: SDNR includes noise and distortion products.					
Stimulus level				-20 dBPa	
Sentence conditioning				-20 dBPa	
Short conditioning				-20 dBPa	

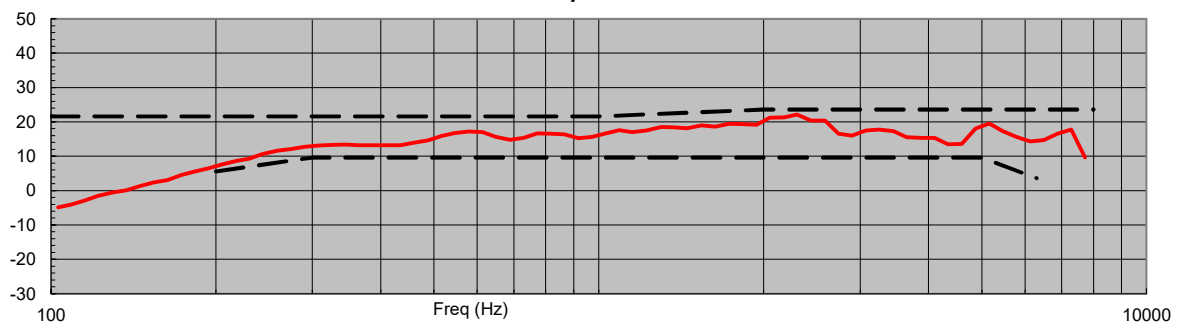
2N - Receive Signal-To-Distortion & Noise Ratio vs Frequency



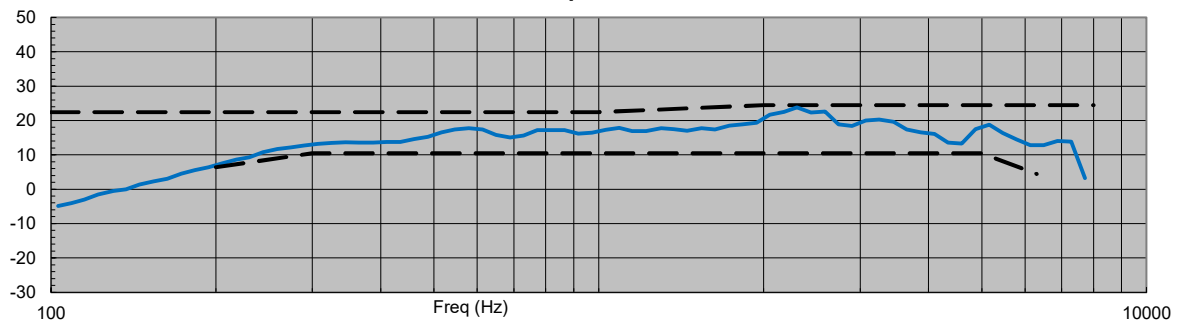
Receive Acoustic Frequency Response Performance

TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.3	Recv resp FF 2N	1.47 dB	Floating Limits	PASS	
	Recv resp DF 2N	0.6 dB	Floating Limits	PASS	

Receive Response FF 2N



Receive Response DF 2N



TIA-5050 Receive Volume Control Measurements - 2N

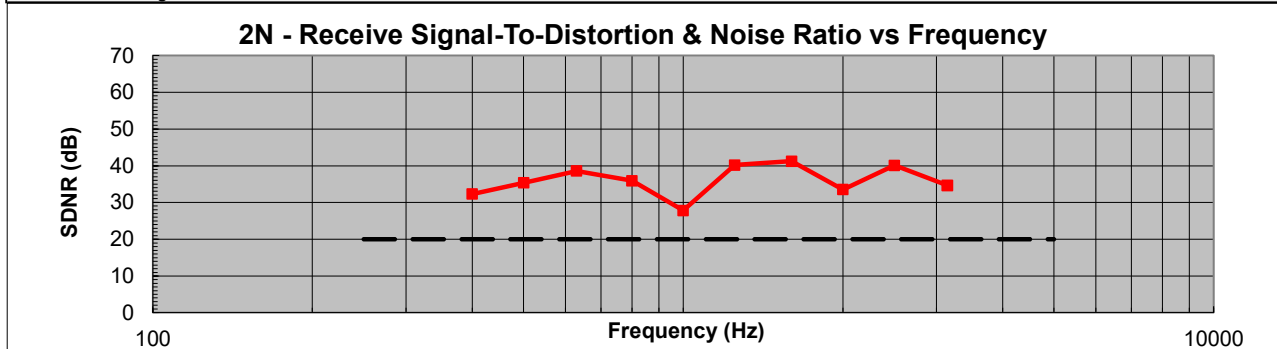
Device Under Test:	20251130_5G_MIMO_NB
Bandwidth	Narrowband
Test Date:	2025-11-30

Receive Volume Control Performance

TIA-5050	Test	Measured	Limits	Result	Reference
Clause 5.1	Recv output level dB SPL 2N	88.39 dB	info only		
	Recv conversational gain 2N	18.39 dB	6.00	PASS	

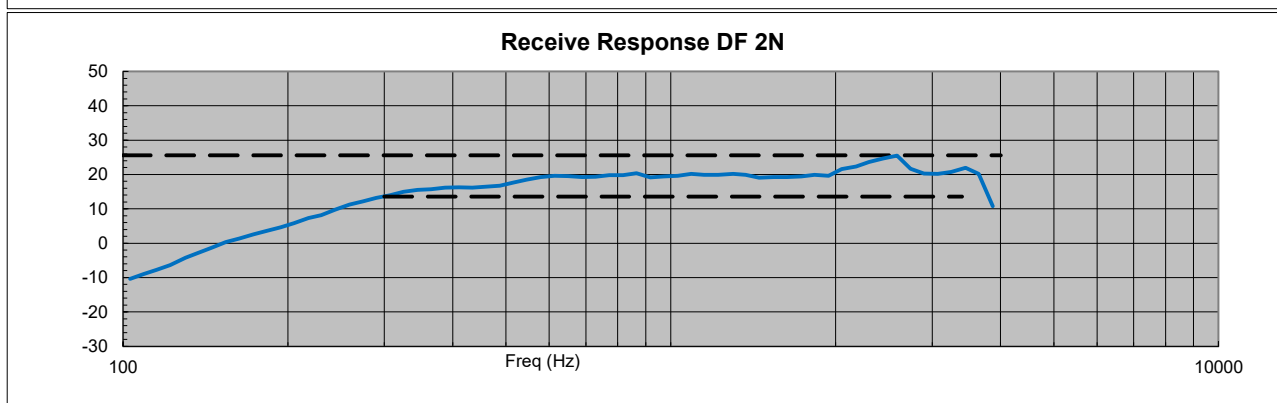
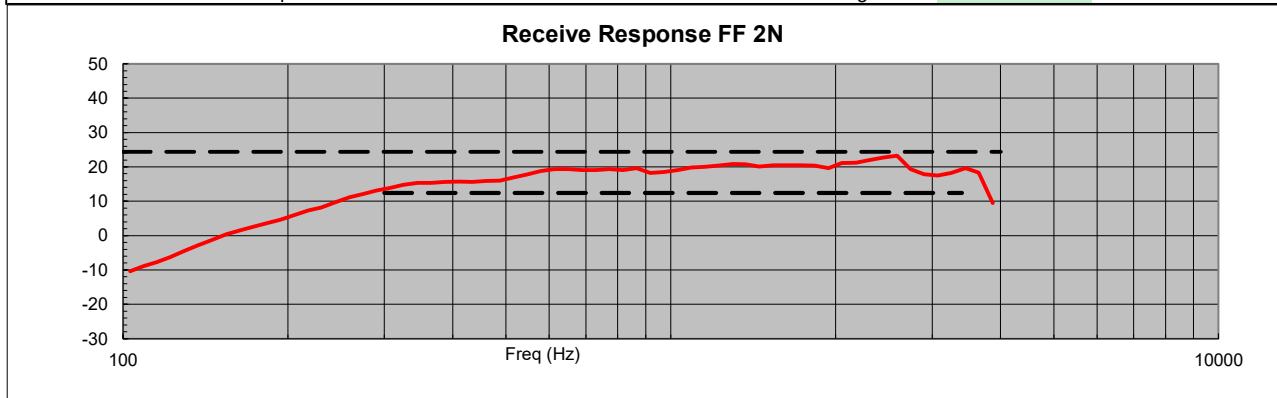
Receive Distortion and Noise Performance

TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.2	Recv PN-SDNR 2N	7.8 dB	Absolute Limits	PASS	
Note: SDNR includes noise and distortion products.					
Stimulus level				-20 dBPa	
Sentence conditioning				-20 dBPa	
Short conditioning				-20 dBPa	



Receive Acoustic Frequency Response Performance

TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.3	Recv resp FF 2N	1.15 dB	Floating Limits	PASS	
	Recv resp DF 2N	0.06 dB	Floating Limits	PASS	



TIA-5050 Receive Volume Control Measurements - 2N

Device Under Test:	20251130_5G_MIMO_WB
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Bandwidth	Wideband
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Test Date:	2025-11-30
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Receive Volume Control Performance

TIA-5050	Test	Measured	Limits	Result	Reference
Clause 5.1	Recv output level dB SPL 2N	86.5 dB	info only		
	Recv conversational gain 2N	16.5 dB	6.00	PASS	

Receive Distortion and Noise Performance

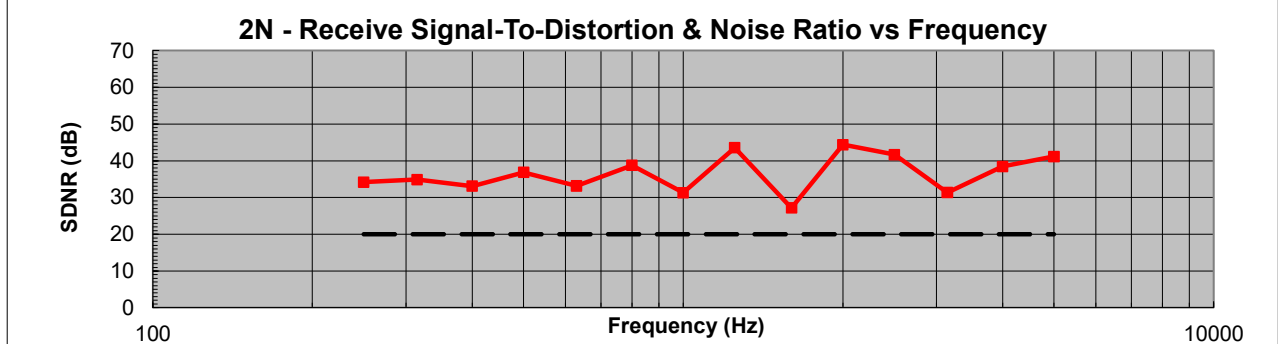
TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.2	Recv PN-SDNR 2N	7.13 dB	Absolute Limits	PASS	

Note: SDNR includes noise and distortion products.

Stimulus level -20 dBPa

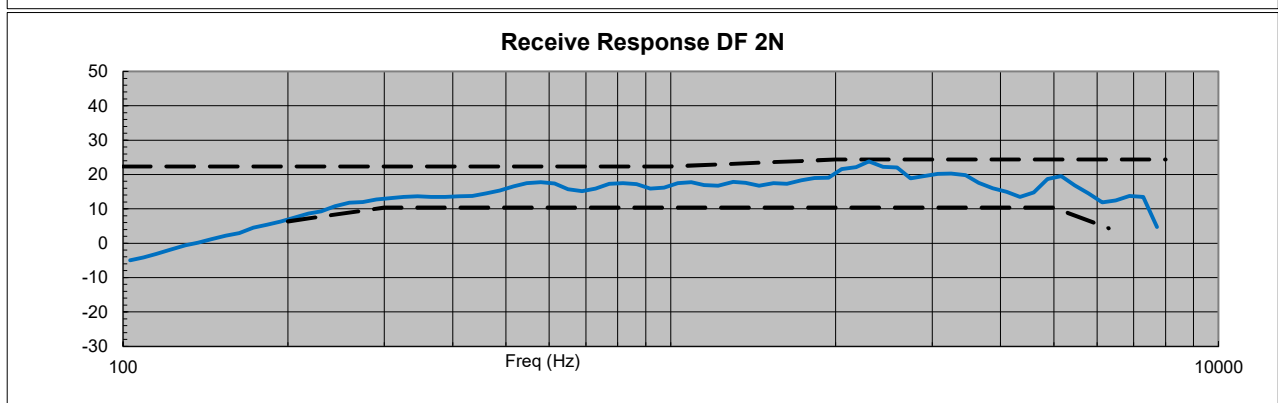
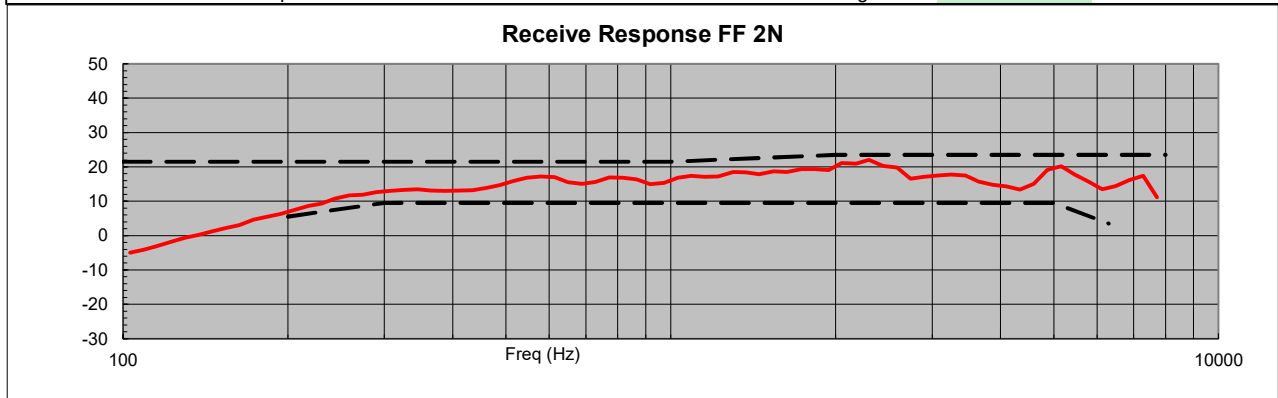
Sentence conditioning -20 dBPa

Short conditioning -20 dBPa



Receive Acoustic Frequency Response Performance

TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.3	Recv resp FF 2N	1.43 dB	Floating Limits	PASS	
	Recv resp DF 2N	0.5 dB	Floating Limits	PASS	



TIA-5050 Receive Volume Control Measurements - 8N

Device Under Test:	20251117_B66_Ant.A_NB_8N
Bandwidth	Narrowband
Test Date:	2025-11-17

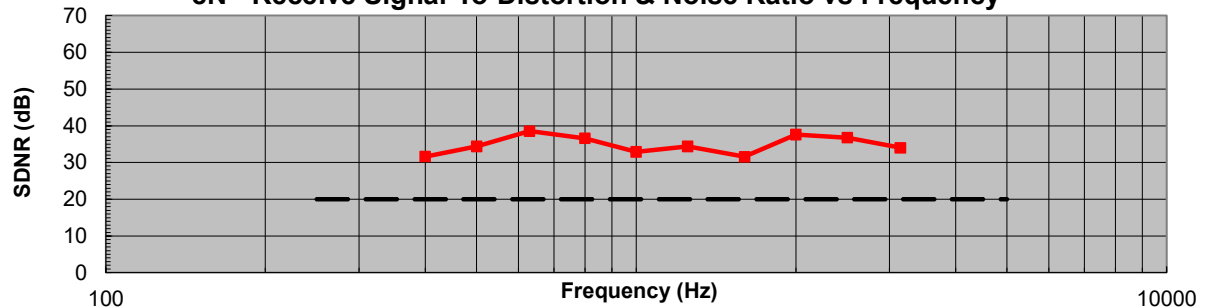
Receive Volume Control Performance

TIA-5050	Test	Measured	Limits	Result	Reference
Clause 5.1	Recv output level dB SPL 8N	91.07 dB	info only		
	Recv conversational gain 8N	21.07 dB	6.00	PASS	

Receive Distortion and Noise Performance

TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.2	Recv PN-SDNR 8N	11.6 dB	Absolute Limits	PASS	
Note: SDNR includes noise and distortion products.					
Stimulus level				-20 dBPa	
Sentence conditioning				-20 dBPa	
Short conditioning				-20 dBPa	

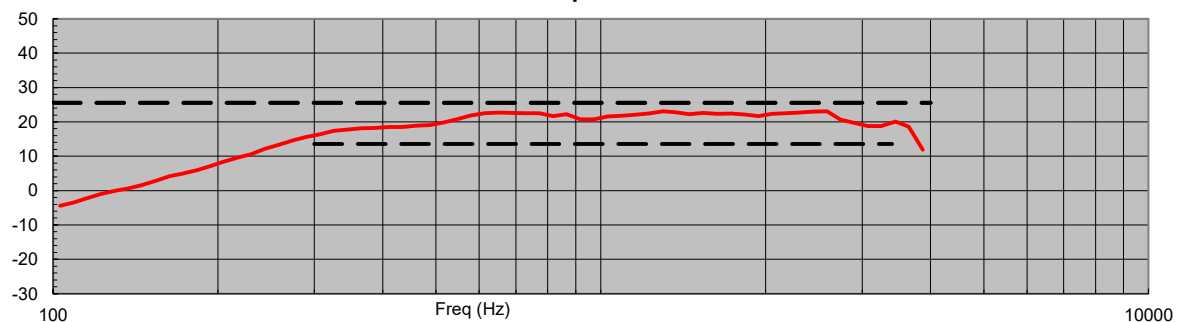
8N - Receive Signal-To-Distortion & Noise Ratio vs Frequency



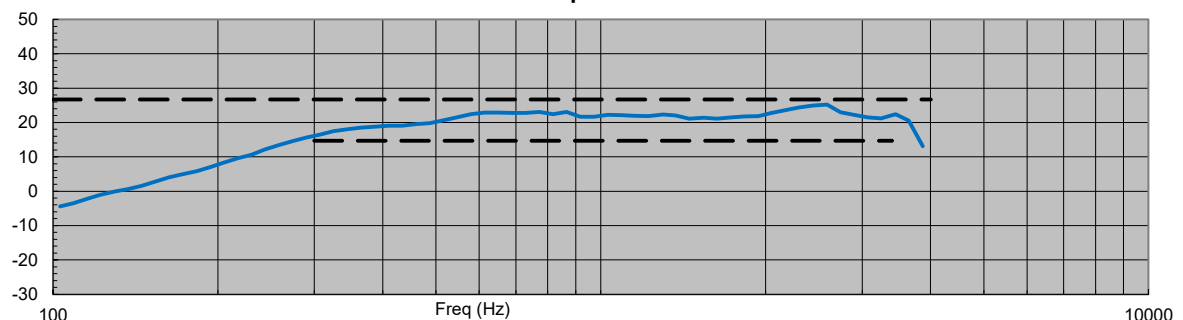
Receive Acoustic Frequency Response Performance

TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.3	Recv resp FF 8N	2.49 dB	Floating Limits	PASS	
	Recv resp DF 8N	1.42 dB	Floating Limits	PASS	

Receive Response FF 8N



Receive Response DF 8N



TIA-5050 Receive Volume Control Measurements - 8N

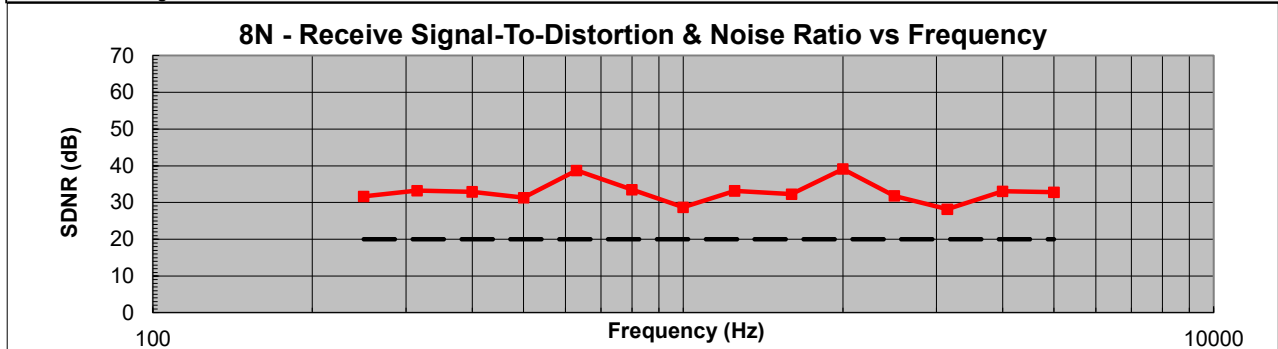
Device Under Test:	20251117_B66_Ant.A_WB_8N
Bandwidth	Wideband
Test Date:	2025-11-17

Receive Volume Control Performance

TIA-5050	Test	Measured	Limits	Result	Reference
Clause 5.1	Recv output level dB SPL 8N	89.21 dB	info only		
	Recv conversational gain 8N	19.21 dB	6.00	PASS	

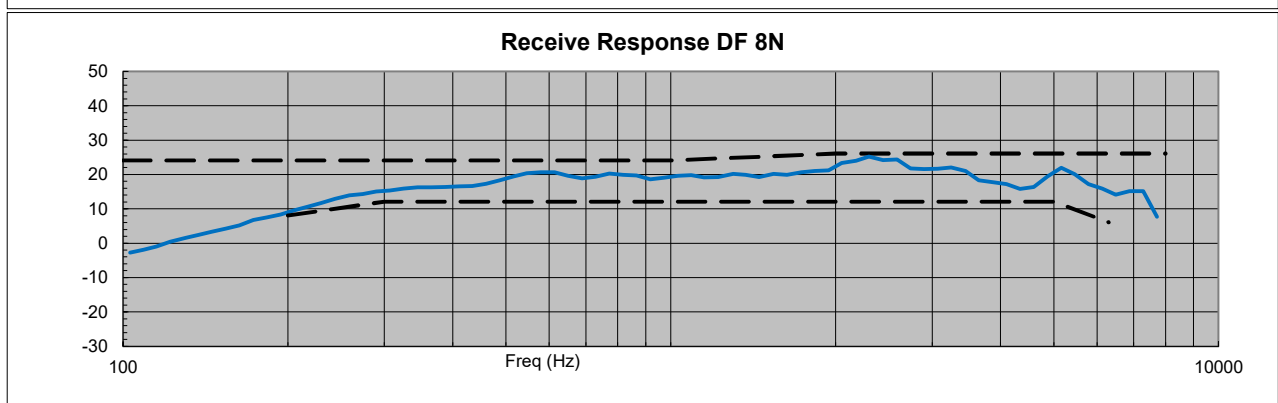
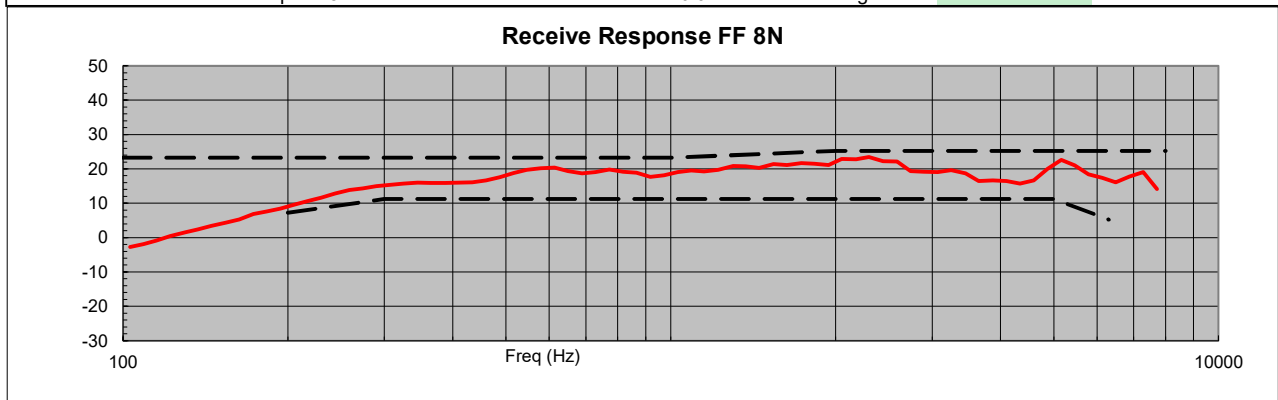
Receive Distortion and Noise Performance

TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.2	Recv PN-SDNR 8N	8.2 dB	Absolute Limits	PASS	
Note: SDNR includes noise and distortion products.					
Stimulus level				-20 dBPa	
Sentence conditioning				-20 dBPa	
Short conditioning				-20 dBPa	



Receive Acoustic Frequency Response Performance

TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.3	Recv resp FF 8N	1.8 dB	Floating Limits	PASS	
	Recv resp DF 8N	0.9 dB	Floating Limits	PASS	



TIA-5050 Receive Volume Control Measurements - 8N

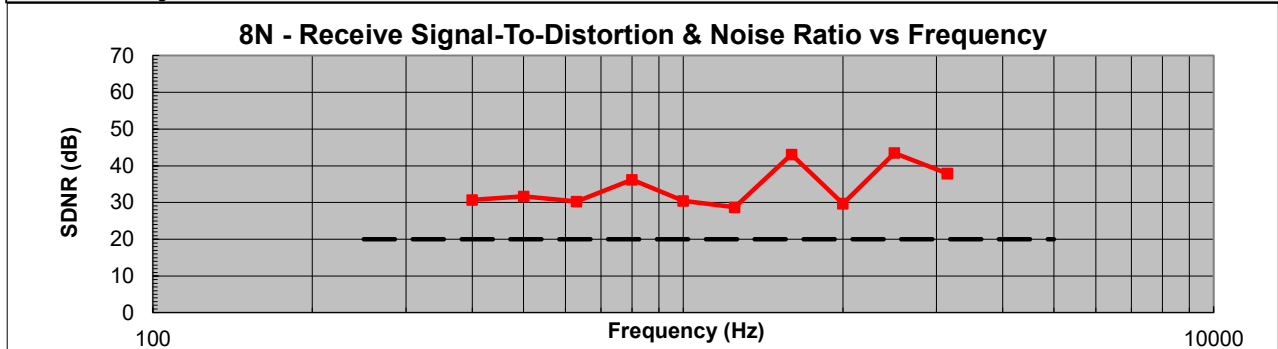
Device Under Test:	20251127_B41_Ant.B_NB_8N
Bandwidth	Narrowband
Test Date:	2025-11-27

Receive Volume Control Performance

TIA-5050	Test	Measured	Limits	Result	Reference
Clause 5.1	Recv output level dB SPL 8N	91.59 dB	info only		
	Recv conversational gain 8N	21.59 dB	6.00	PASS	

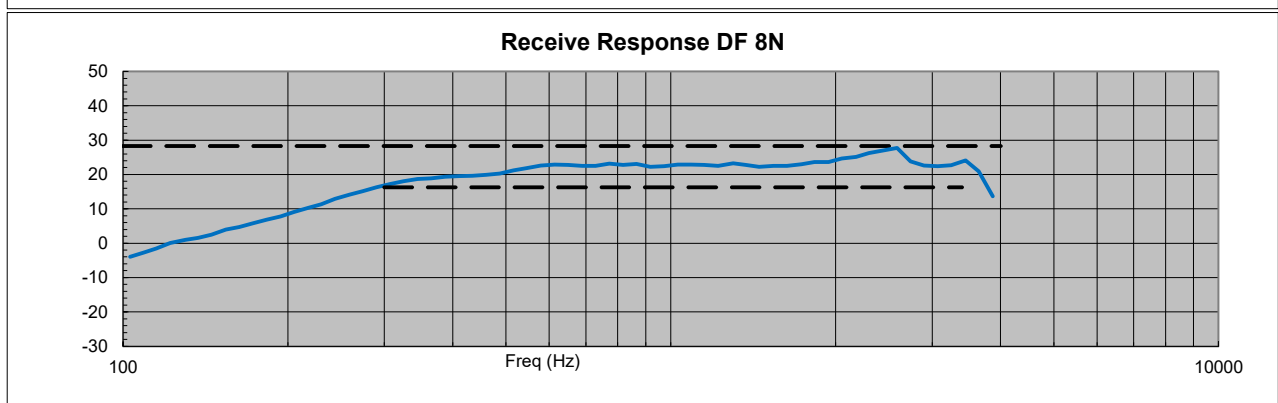
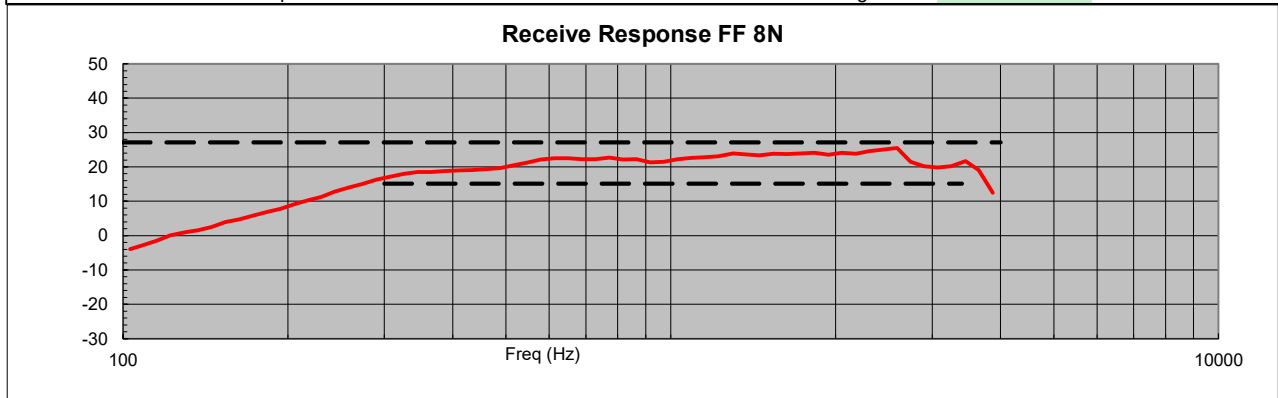
Receive Distortion and Noise Performance

TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.2	Recv PN-SDNR 8N	8.7 dB	Absolute Limits	PASS	
Note: SDNR includes noise and distortion products.					
Stimulus level				-20 dBPa	
Sentence conditioning				-20 dBPa	
Short conditioning				-20 dBPa	



Receive Acoustic Frequency Response Performance

TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.3	Recv resp FF 8N	1.64 dB	Floating Limits	PASS	
	Recv resp DF 8N	0.55 dB	Floating Limits	PASS	



TIA-5050 Receive Volume Control Measurements - 8N

Device Under Test:	20251127_B41_Ant.B_WB_8N
Bandwidth	Wideband
Test Date:	2025-11-27

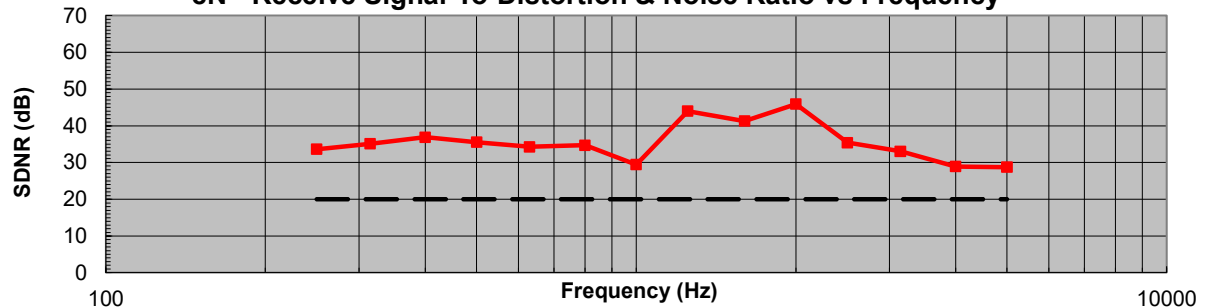
Receive Volume Control Performance

TIA-5050	Test	Measured	Limits	Result	Reference
Clause 5.1	Recv output level dB SPL 8N	89.73 dB	info only		
	Recv conversational gain 8N	19.73 dB	6.00	PASS	

Receive Distortion and Noise Performance

TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.2	Recv PN-SDNR 8N	8.8 dB	Absolute Limits	PASS	
Note: SDNR includes noise and distortion products.					
Stimulus level				-20 dBPa	
Sentence conditioning				-20 dBPa	
Short conditioning				-20 dBPa	

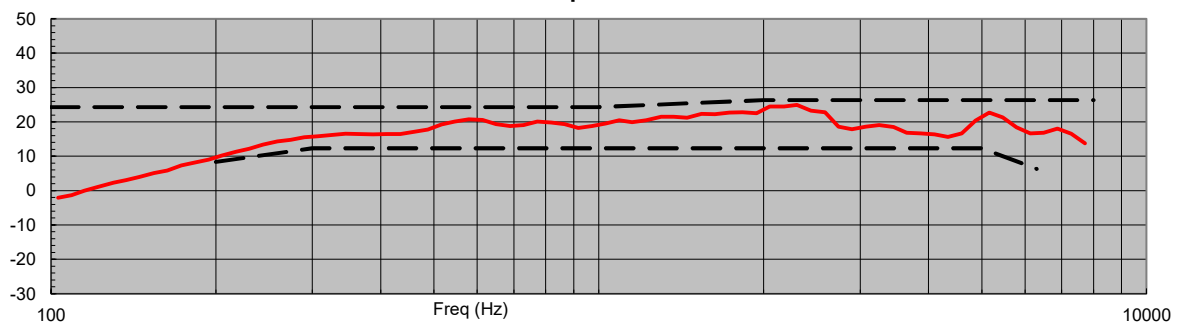
8N - Receive Signal-To-Distortion & Noise Ratio vs Frequency



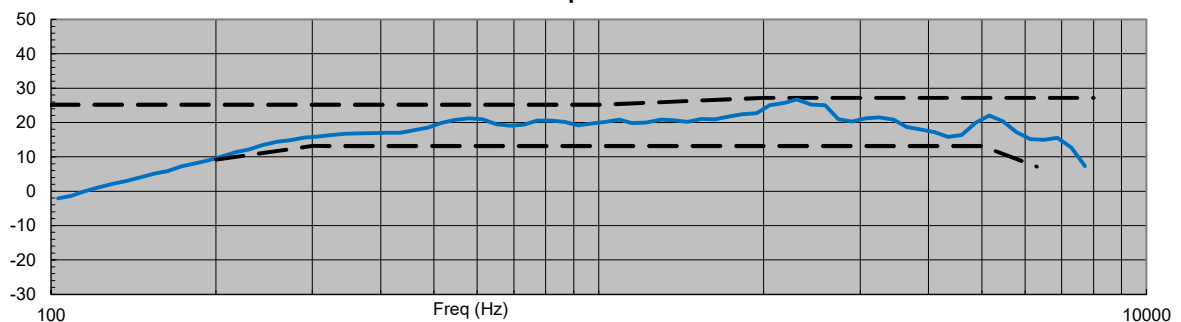
Receive Acoustic Frequency Response Performance

TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.3	Recv resp FF 8N	1.36 dB	Floating Limits	PASS	
	Recv resp DF 8N	0.5 dB	Floating Limits	PASS	

Receive Response FF 8N



Receive Response DF 8N



TIA-5050 Receive Volume Control Measurements - 8N

Device Under Test:	20251128_n26_Ant.E_NB_8N
Bandwidth	Narrowband
Test Date:	2025-11-28

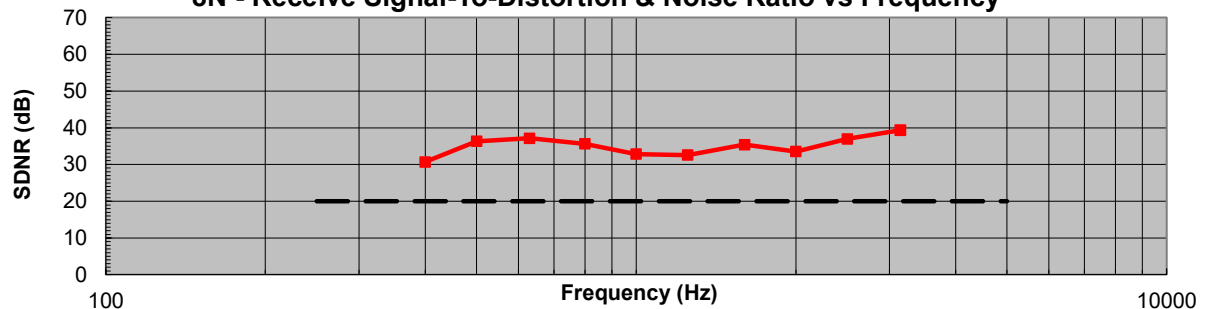
Receive Volume Control Performance

TIA-5050	Test	Measured	Limits	Result	Reference
Clause 5.1	Recv output level dB SPL 8N	91.95 dB	info only		
	Recv conversational gain 8N	21.95 dB	6.00	PASS	

Receive Distortion and Noise Performance

TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.2	Recv PN-SDNR 8N	10.7 dB	Absolute Limits	PASS	
Note: SDNR includes noise and distortion products.					
Stimulus level				-20 dBPa	
Sentence conditioning				-20 dBPa	
Short conditioning				-20 dBPa	

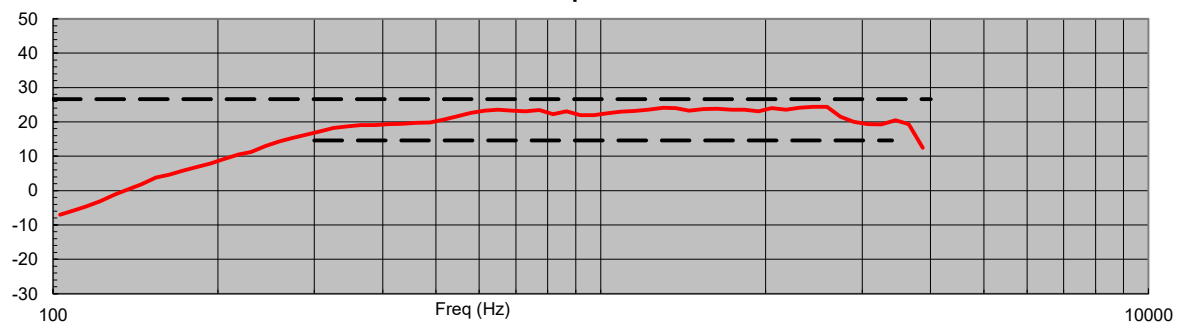
8N - Receive Signal-To-Distortion & Noise Ratio vs Frequency



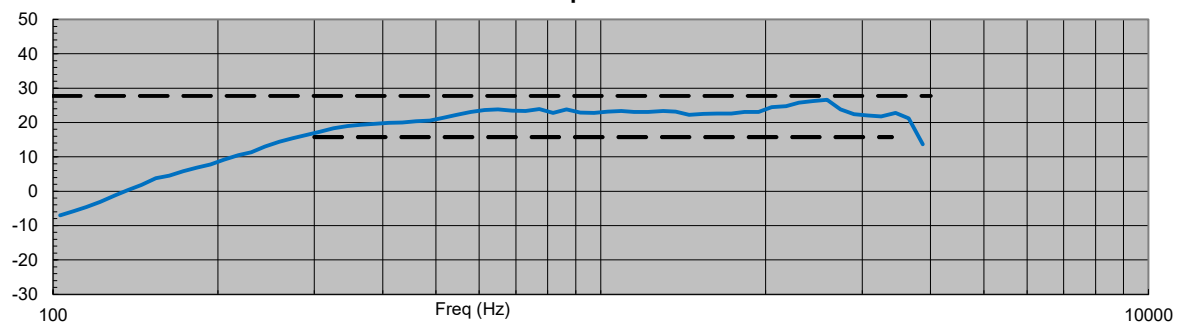
Receive Acoustic Frequency Response Performance

TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.3	Recv resp FF 8N	2.23 dB	Floating Limits	PASS	
	Recv resp DF 8N	1.14 dB	Floating Limits	PASS	

Receive Response FF 8N



Receive Response DF 8N



TIA-5050 Receive Volume Control Measurements - 8N

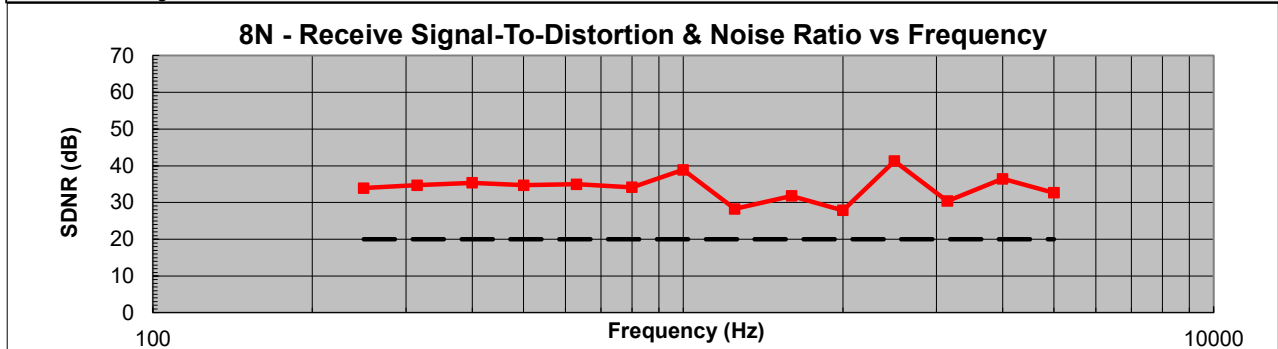
Device Under Test:	20251128_n26_Ant.E_WB_8N
Bandwidth	Wideband
Test Date:	2025-11-28

Receive Volume Control Performance

TIA-5050	Test	Measured	Limits	Result	Reference
Clause 5.1	Recv output level dB SPL 8N	90.04 dB	info only		
	Recv conversational gain 8N	20.04 dB	6.00	PASS	

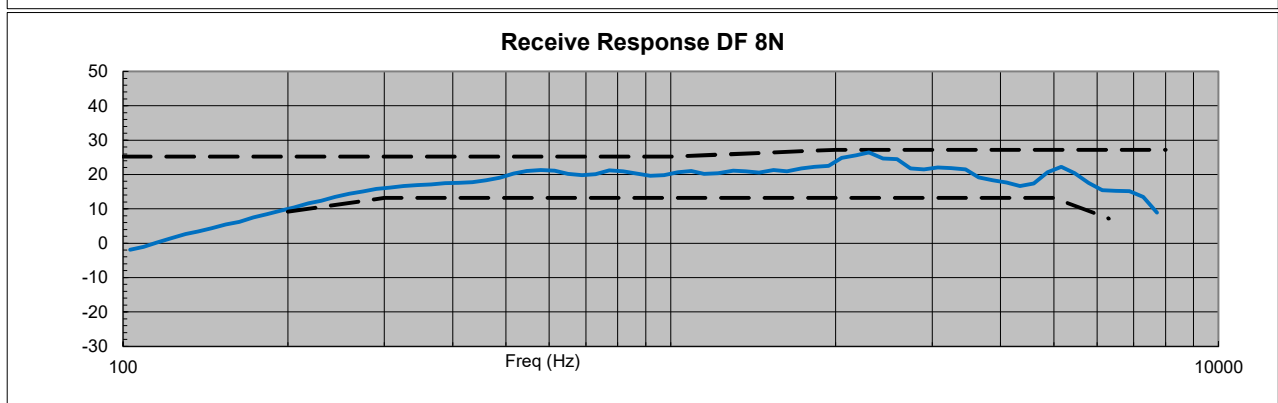
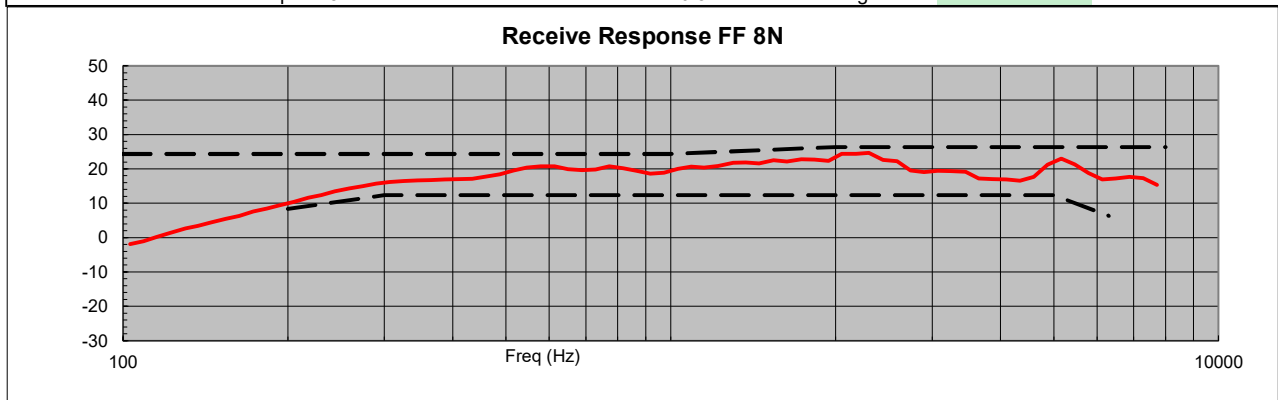
Receive Distortion and Noise Performance

TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.2	Recv PN-SDNR 8N	7.8 dB	Absolute Limits	PASS	
Note: SDNR includes noise and distortion products.					
Stimulus level				-20 dBPa	
Sentence conditioning				-20 dBPa	
Short conditioning				-20 dBPa	



Receive Acoustic Frequency Response Performance

TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.3	Recv resp FF 8N	1.67 dB	Floating Limits	PASS	
	Recv resp DF 8N	0.8 dB	Floating Limits	PASS	



TIA-5050 Receive Volume Control Measurements - 8N

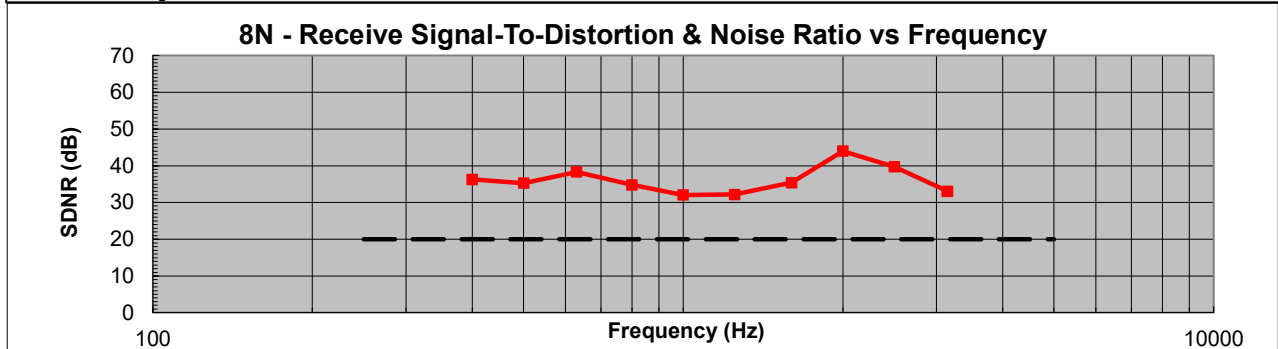
Device Under Test:	20251128_n41_Ant.B_NB_8N
Bandwidth	Narrowband
Test Date:	2025-11-28

Receive Volume Control Performance

TIA-5050	Test	Measured	Limits	Result	Reference
Clause 5.1	Recv output level dB SPL 8N	92.05 dB	info only		
	Recv conversational gain 8N	22.05 dB	6.00	PASS	

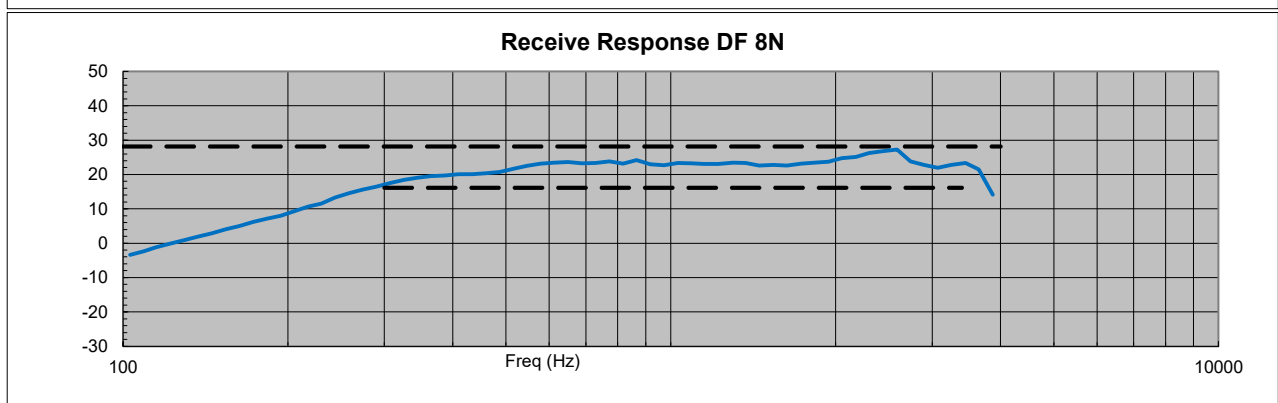
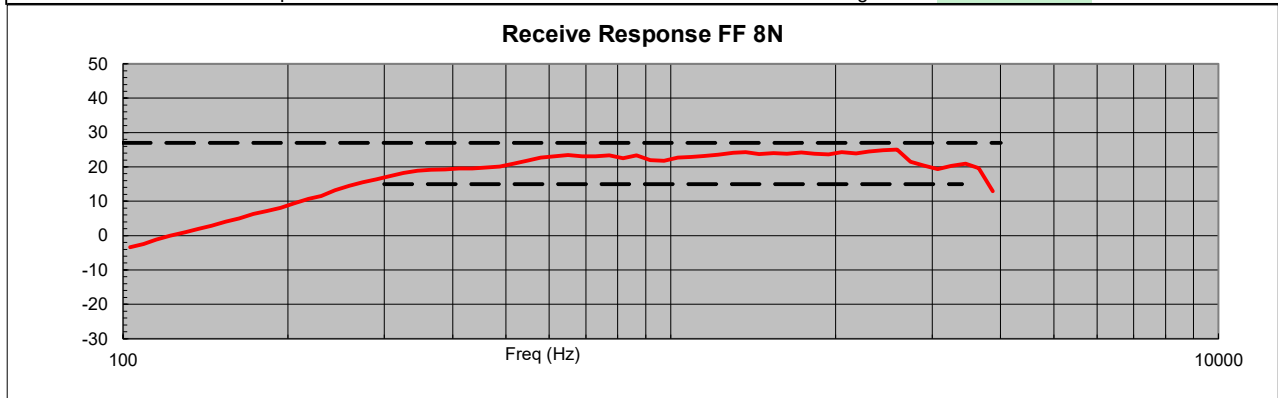
Receive Distortion and Noise Performance

TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.2	Recv PN-SDNR 8N	12.1 dB	Absolute Limits	PASS	
Note: SDNR includes noise and distortion products.					
Stimulus level				-20 dBPa	
Sentence conditioning				-20 dBPa	
Short conditioning				-20 dBPa	



Receive Acoustic Frequency Response Performance

TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.3	Recv resp FF 8N	1.99 dB	Floating Limits	PASS	
	Recv resp DF 8N	0.9 dB	Floating Limits	PASS	



TIA-5050 Receive Volume Control Measurements - 8N

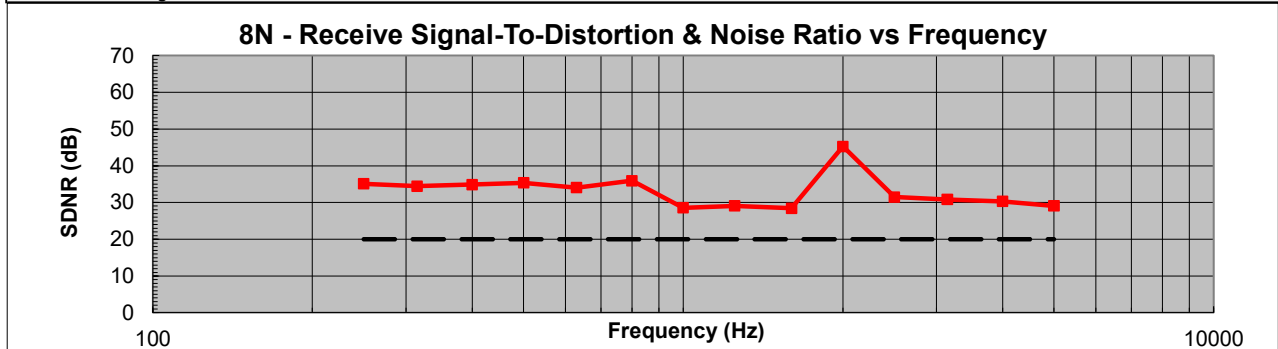
Device Under Test:	20251128_n41_Ant.B_WB_8N
Bandwidth	Wideband
Test Date:	2025-11-28

Receive Volume Control Performance

TIA-5050	Test	Measured	Limits	Result	Reference
Clause 5.1	Recv output level dB SPL 8N	90.14 dB	info only		
	Recv conversational gain 8N	20.14 dB	6.00	PASS	

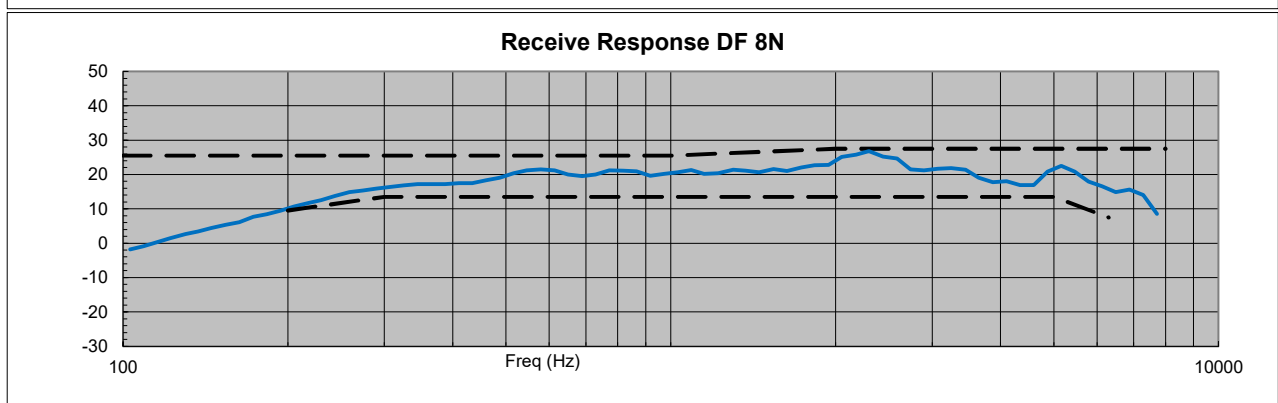
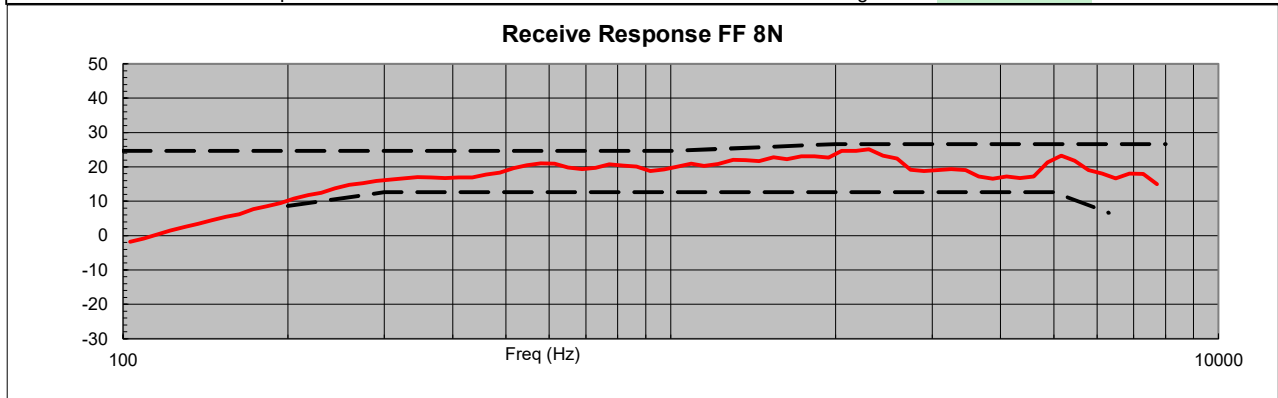
Receive Distortion and Noise Performance

TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.2	Recv PN-SDNR 8N	8.4 dB	Absolute Limits	PASS	
Note: SDNR includes noise and distortion products.					
Stimulus level				-20 dBPa	
Sentence conditioning				-20 dBPa	
Short conditioning				-20 dBPa	



Receive Acoustic Frequency Response Performance

TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.3	Recv resp FF 8N	1.55 dB	Floating Limits	PASS	
	Recv resp DF 8N	0.7 dB	Floating Limits	PASS	



TIA-5050 Receive Volume Control Measurements - 8N

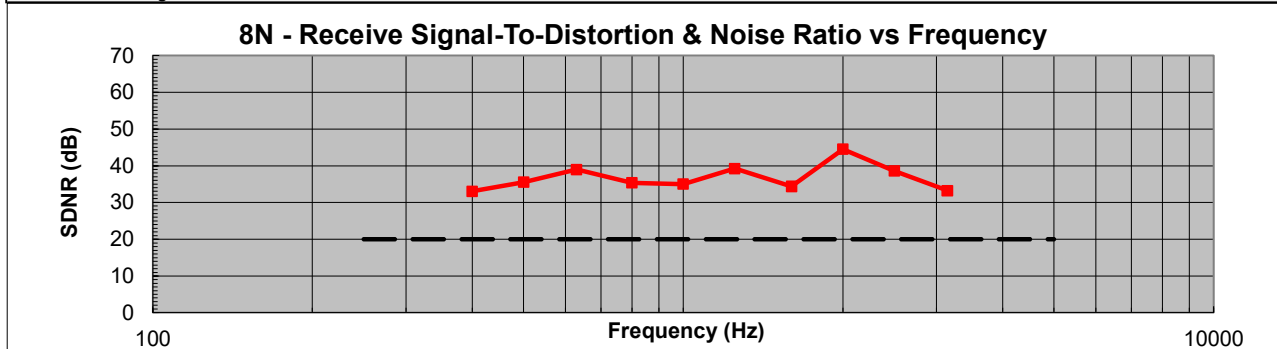
Device Under Test:	20251130_2.4G_MIMO_NB_DSSS_1M_ch6_8N
Bandwidth	Narrowband
Test Date:	2025-11-30

Receive Volume Control Performance

TIA-5050	Test	Measured	Limits	Result	Reference
Clause 5.1	Recv output level dB SPL 8N	91.81 dB	info only		
	Recv conversational gain 8N	21.81 dB	6.00	PASS	

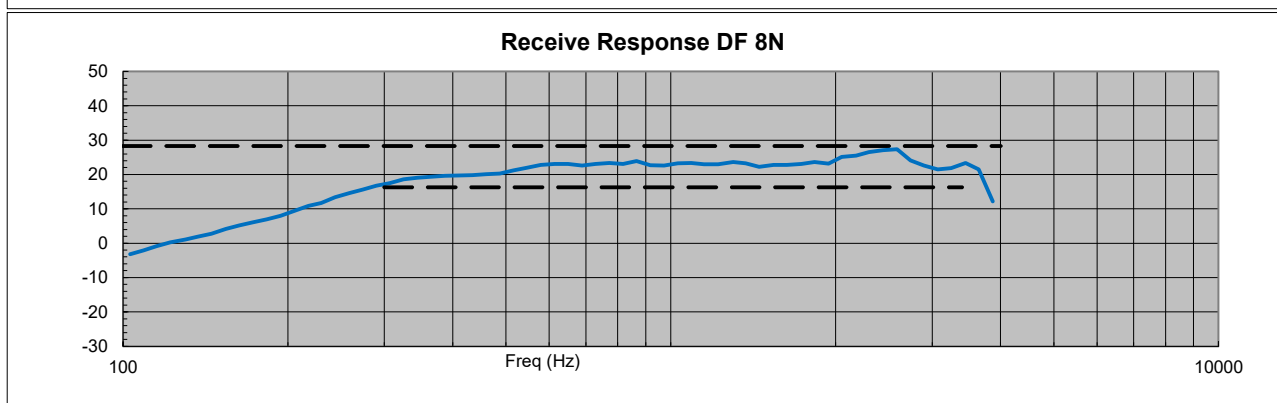
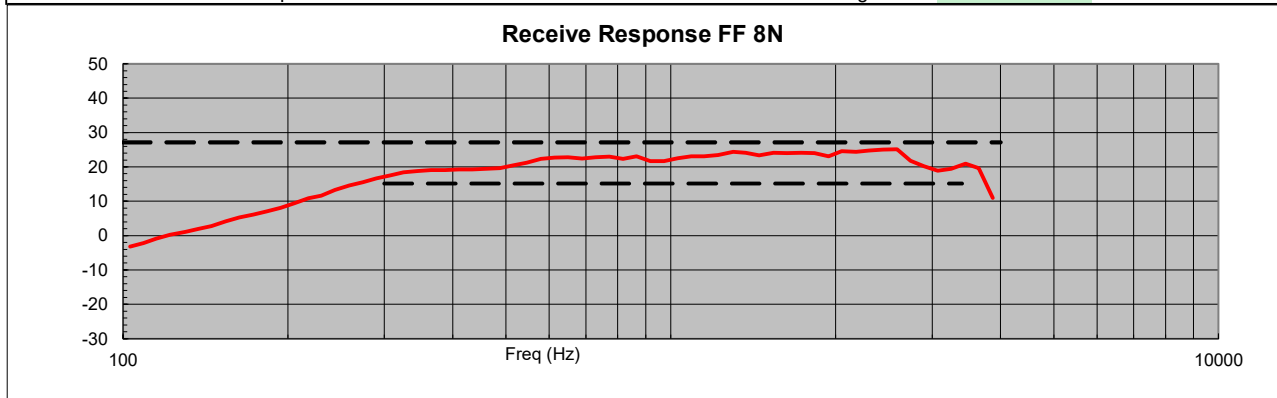
Receive Distortion and Noise Performance

TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.2	Recv PN-SDNR 8N	13 dB	Absolute Limits	PASS	
Note: SDNR includes noise and distortion products.					
Stimulus level				-20 dBPa	
Sentence conditioning				-20 dBPa	
Short conditioning				-20 dBPa	



Receive Acoustic Frequency Response Performance

TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.3	Recv resp FF 8N	1.98 dB	Floating Limits	PASS	
	Recv resp DF 8N	0.9 dB	Floating Limits	PASS	



TIA-5050 Receive Volume Control Measurements - 8N

Device Under Test: 20251130_2.4G_MIMO_WB_DSSS_1M_ch6_8N

Bandwidth: Wideband

Test Date: 2025-11-30

Receive Volume Control Performance

TIA-5050	Test	Measured	Limits	Result	Reference
Clause 5.1	Recv output level dB SPL 8N	89.95 dB	info only		
	Recv conversational gain 8N	19.95 dB	6.00	PASS	

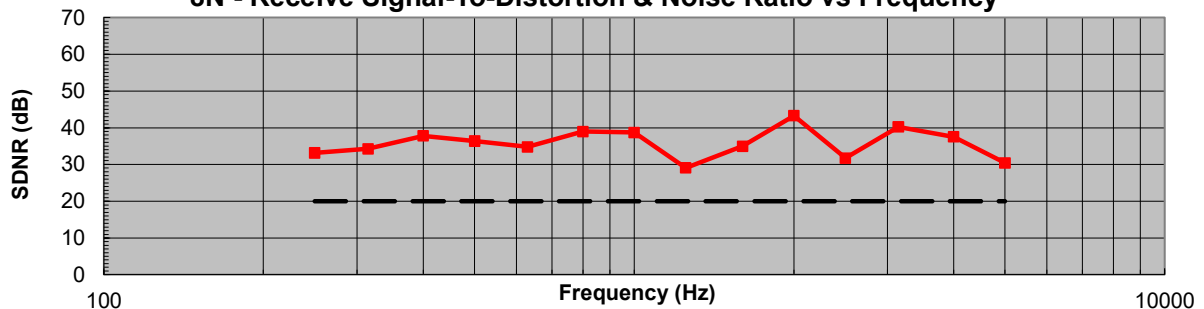
Receive Distortion and Noise Performance

TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.2	Recv PN-SDNR 8N	9.1 dB	Absolute Limits	PASS	

Note: SDNR includes noise and distortion products.

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

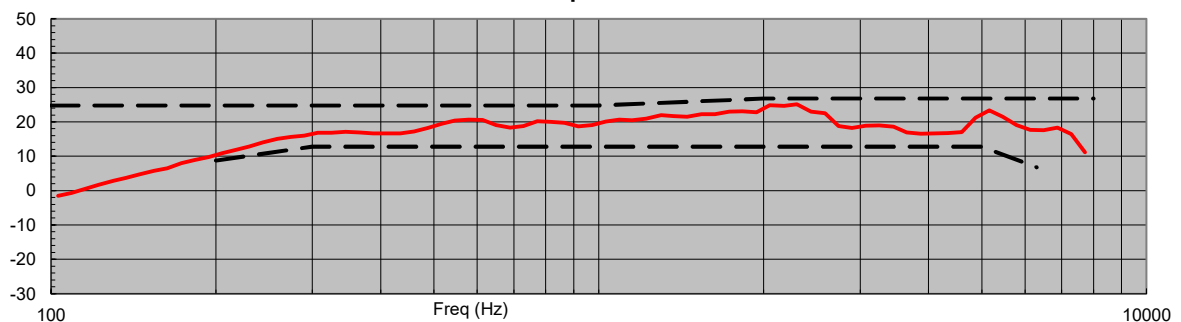
8N - Receive Signal-To-Distortion & Noise Ratio vs Frequency



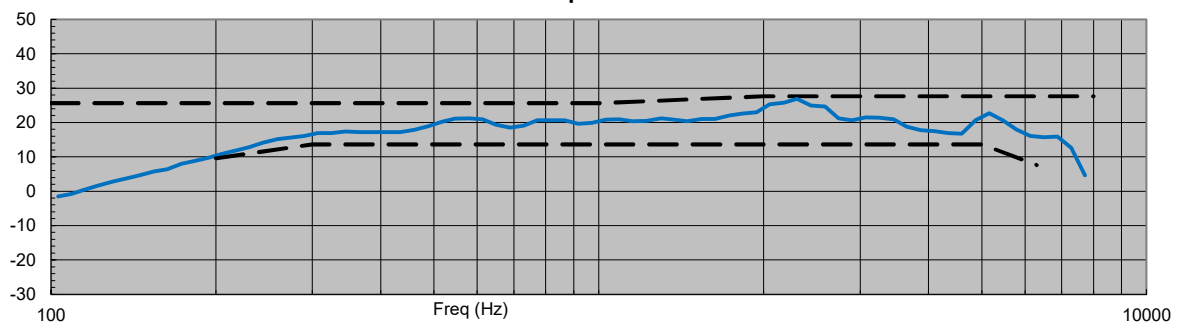
Receive Acoustic Frequency Response Performance

TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.3	Recv resp FF 8N	1.63 dB	Floating Limits	PASS	
	Recv resp DF 8N	0.7 dB	Floating Limits	PASS	

Receive Response FF 8N



Receive Response DF 8N



TIA-5050 Receive Volume Control Measurements - 8N

Device Under Test:	20251130_5G_MIMO_NB_NHT_6M_ch36_8N
Bandwidth	Narrowband
Test Date:	2025-11-30

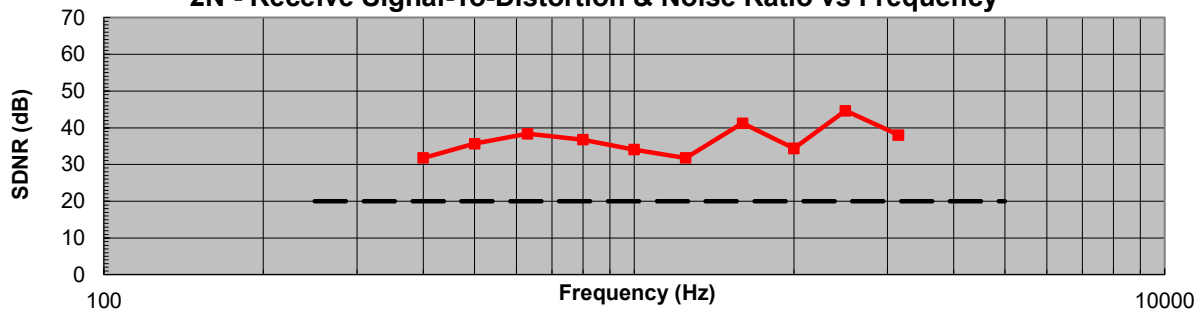
Receive Volume Control Performance

TIA-5050	Test	Measured	Limits	Result	Reference
Clause 5.1	Recv output level dB SPL 8N	91.81 dB	info only		
	Recv conversational gain 8N	21.81 dB	6.00	PASS	

Receive Distortion and Noise Performance

TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.2	Recv PN-SDNR 8N	11.78 dB	Absolute Limits	PASS	
Note: SDNR includes noise and distortion products.					
Stimulus level				-20 dBPa	
Sentence conditioning				-20 dBPa	
Short conditioning				-20 dBPa	

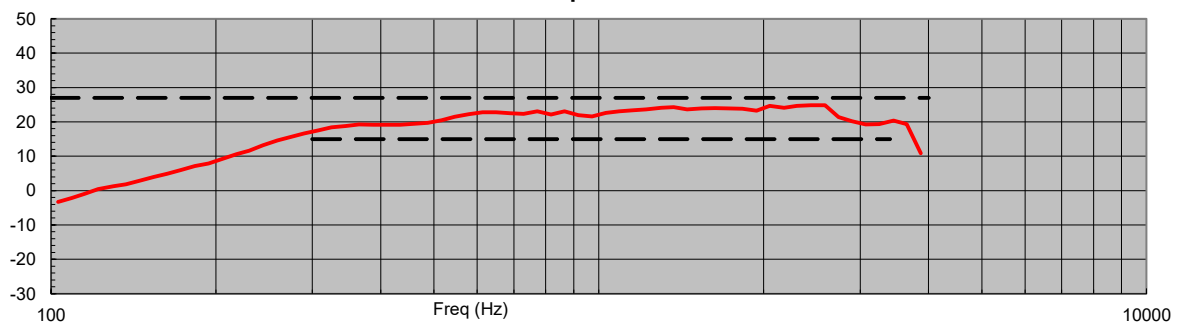
2N - Receive Signal-To-Distortion & Noise Ratio vs Frequency



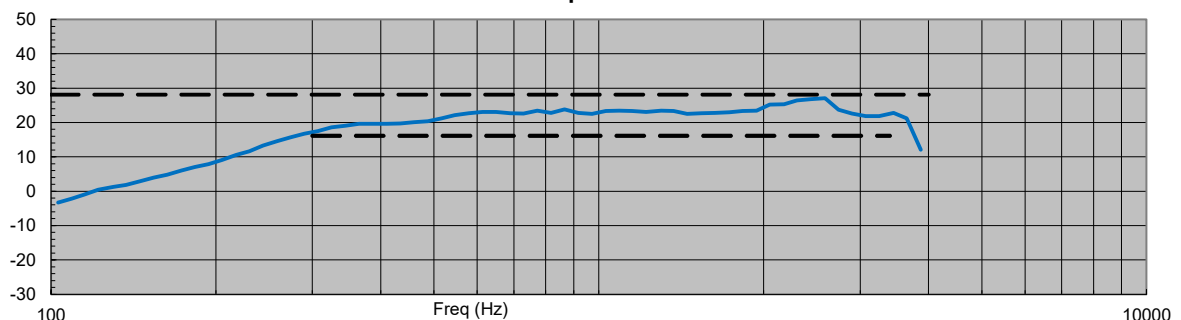
Receive Acoustic Frequency Response Performance

TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.3	Recv resp FF 8N	2.11 dB	0.00	PASS	
	Recv resp DF 8N	1.05 dB	0.00	PASS	

Receive Response FF 2N



Receive Response DF 2N



TIA-5050 Receive Volume Control Measurements - 8N

Device Under Test: 20251130_5G_MIMO_WB_NHT_6M_ch36_8N

Bandwidth: Wideband

Test Date: 2025-11-30

Receive Volume Control Performance

TIA-5050	Test	Measured	Limits	Result	Reference
Clause 5.1	Recv output level dB SPL 8N	89.98 dB	info only		
	Recv conversational gain 8N	19.98 dB	6.00	PASS	

Receive Distortion and Noise Performance

TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.2	Recv PN-SDNR 8N	7.69 dB	Absolute Limits	PASS	

Note: SDNR includes noise and distortion products.

Stimulus level

-20 dBPa

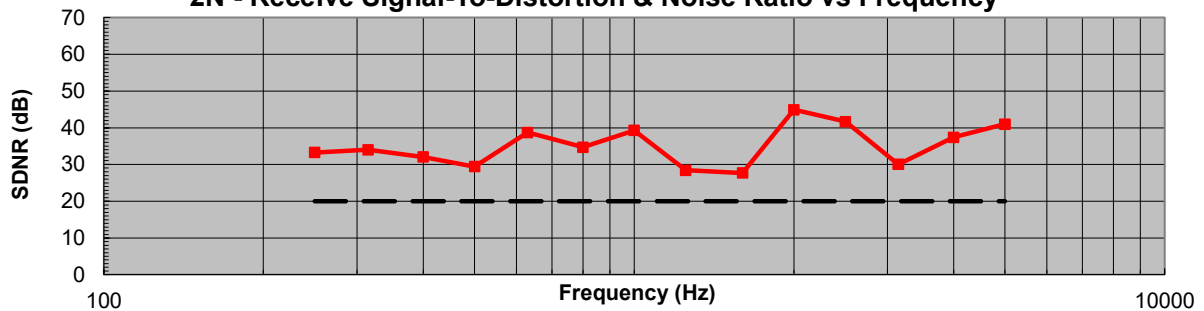
Sentence conditioning

-20 dBPa

Short conditioning

-20 dBPa

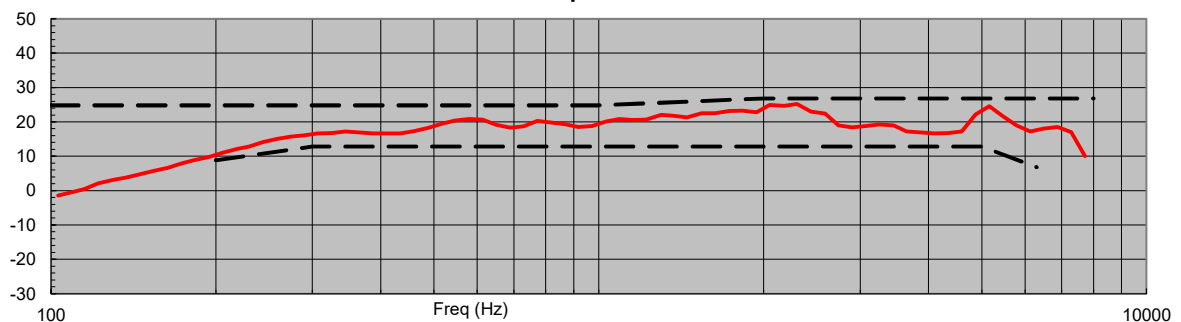
2N - Receive Signal-To-Distortion & Noise Ratio vs Frequency



Receive Acoustic Frequency Response Performance

TIA-5050	Test	Margin	Limits	Result	Reference
Clause 5.3	Recv resp FF 8N	1.63 dB	Floating Limits	PASS	
	Recv resp DF 8N	0.7 dB	Floating Limits	PASS	

Receive Response FF 2N



Receive Response DF 2N

