

Sequence Report



Summary

Signal Path1

Signal Path Setup	✓ PASSED
Level and Gain	✓ PASSED
THD+N	✓ PASSED
Frequency Response	✓ PASSED
Signal to Noise Ratio+A-wt.	✓ PASSED
Acoustic Response	✓ PASSED
Bandpass Level Sweep	✓ PASSED
Stepped Frequency Sweep	✓ PASSED

Sequence Result:

Sequence Result: ✓ PASSED

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Signal Path1 : Signal Path Setup

Output Connector:	Analog Unbalanced
Channels:	2
Source Impedance:	600 ohm
AG52 Generator Option:	Installed
Output EQ:	None
Input Connector:	ASIO
Input Bit Depth:	24
Input Bandwidth:	AC (<10 Hz) - Fs/2
Device Delay:	0.000 s
Input EQ:	None

• References

dBr G:	100.0 mVrms
dBm (Output Power):	600.0 ohm
W(watts) (Output Power):	8.000 ohm
Shared Frequency Reference:	1.00000 kHz
dBrA:	0.000 dBFS
dBrB:	0.000 dBFS
dBrA Offset:	0.000 dB
dBrB Offset:	0.000 dB
dB SPL1:	-40.000 dBFS
dB SPL2:	-40.000 dBFS
dB SPL1 Calibrator Level:	94.000 dB SPL
dB SPL2 Calibrator Level:	94.000 dB SPL

• DCX

DCX is not detected.

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Signal Path1 : Verify Connections

Waveform: Sine

Generator Level: -30.000 dBV

DC Offset: 0.000 V

Frequency: 1.00000 kHz

RMS Level (2025/3/24 10:05:11.564)

Ch1 -9.186 dBFS

Ch2 -9.186 dBFS

Gain (2025/3/24 10:05:11.564)

Ch1 +20.814
dB(FS/Vrms)

Ch2 +20.814
dB(FS/Vrms)

THD+N Ratio (2025/3/24 10:05:11.564)

Ch1 0.052492 %

Ch2 0.052492 %

Signal Path1 : Level and Gain

Waveform: Sine

Generator Level: -30.000 dBV

DC Offset: 0.000 V

Frequency: 1.00000 kHz

RMS Level (2025/3/24 10:05:13.757)

Ch1 -9.186 dBFS

Ch2 -9.186 dBFS

Gain (2025/3/24 10:05:13.757)

Ch1 +20.814
dB(FS/Vrms)

Ch2 +20.814
dB(FS/Vrms)

Peak Level (2025/3/24 10:05:13.757)

Ch1 347.4 mD

Ch2 347.4 mD

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Signal Path1 : THD+N

Waveform: Sine
 Generator Level: -30.000 dBV
 DC Offset: 0.000 V
 Frequency: 1.00000 kHz
 Low-pass Filter: 20 kHz
 Weighting Filter: A-wt.
 High-pass Filter: 20 Hz
 Notch Tuning Mode: Measured Frequency

THD+N Ratio (2025/3/24 10:05:17.168)

Ch1 0.017916 %

Ch2 0.017916 %

THD+N Level (2025/3/24 10:05:17.168)

Ch1 -84.121 dBFS

Ch2 -84.121 dBFS

THD Ratio (2025/3/24 10:05:17.168)

Ch1 0.006119 %

Ch2 0.006119 %

THD Level (2025/3/24 10:05:17.168)

Ch1 -93.453 dBFS

Ch2 -93.453 dBFS

Noise Ratio (2025/3/24 10:05:17.168)

Ch1 0.017220 %

Ch2 0.017220 %

Noise Level (2025/3/24 10:05:17.168)

Ch1 -84.465 dBFS

Ch2 -84.465 dBFS

Distortion Product Ratio (2025/3/24 10:05:17.168)

Channel	F	H2	H3	H4	H5	H6	H7	H8	H9	H10
	1.000k	2.000k	3.000k	4.000k	5.000k	6.000k	7.000k	8.000k	8.999k	9.999k
Ch1	-0.00	-86.84	-94.06	-94.49	-100.55	-100.52	-102.34	-93.32	-105.49	-107.84
	1.000k	2.000k	3.000k	4.000k	5.000k	6.000k	7.000k	8.000k	8.999k	9.999k
Ch2	-0.00	-86.84	-94.06	-94.49	-100.55	-100.52	-102.34	-93.32	-105.49	-107.84

Distortion Product Ratio Parameters

Frequency Unit: Hz

Ratio Unit: dB

Distortion Product Level (2025/3/24 10:05:17.168)

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Channel	F	H2	H3	H4	H5	H6	H7	H8	H9	H10
	1.000k	2.000k	3.000k	4.000k	5.000k	6.000k	7.000k	8.000k	8.999k	9.999k
Ch1	-9.186	-96.026	-103.247	-103.677	-109.739	-109.703	-111.531	-102.507	-114.673	-117.029
	1.000k	2.000k	3.000k	4.000k	5.000k	6.000k	7.000k	8.000k	8.999k	9.999k
Ch2	-9.186	-96.026	-103.247	-103.677	-109.739	-109.703	-111.531	-102.507	-114.673	-117.029

Distortion Product Level Parameters

Frequency Unit: Hz

Level Unit: dBFS

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Signal Path1 : Frequency Response

Generator Level: -30.000 dBV

DC Offset: 0.000 V

EQ: None

Start Frequency: 20.0000 Hz

Stop Frequency: 20.0000 kHz

Sweep: 500.0 ms

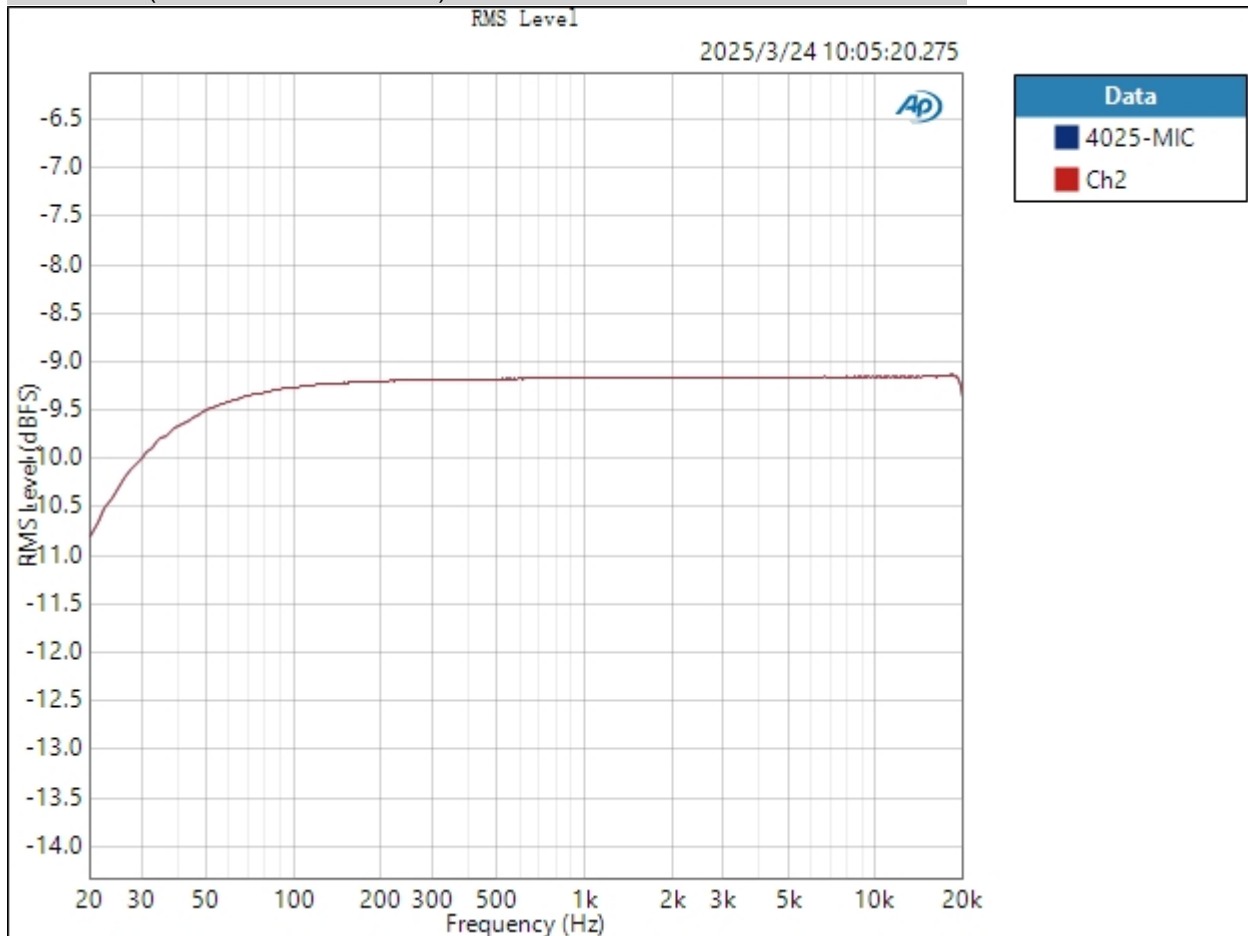
Pre-Sweep: 100.0 ms

Extend Acquisition By: 1.000 s

Secondary Source: None

Measured 1 2025/3/24 10:05:20

RMS Level (2025/3/24 10:05:20.275)



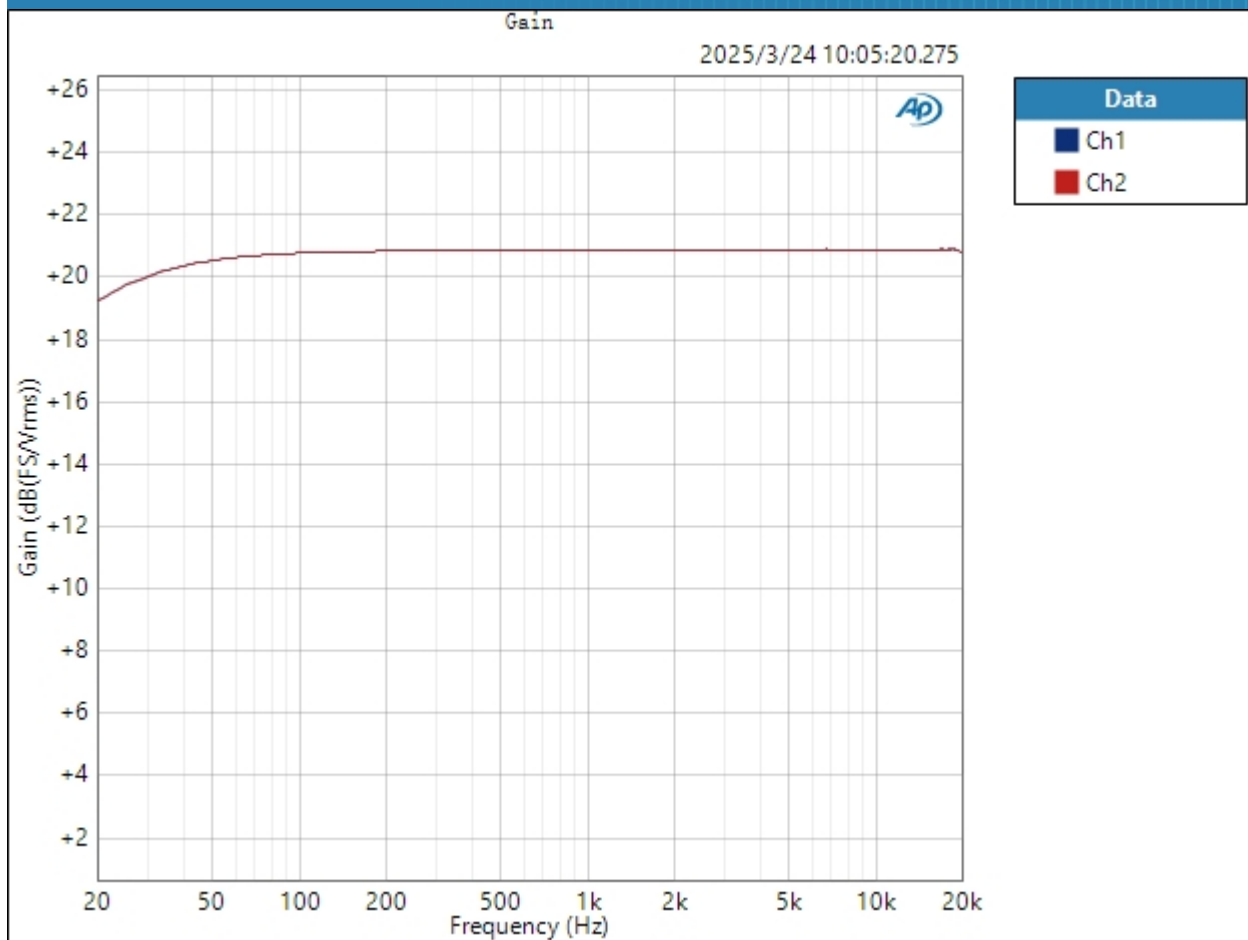
Result: PASSED

Gain (2025/3/24 10:05:20.275)

3/24/2025 10:06

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Result: PASSED

Deviation (20.0000 Hz - 8.00000 kHz) (2025/3/24 10:05:20.275)

Ch1 ± 0.830 dB

Ch2 ± 0.830 dB

Deviation (20.0000 Hz - 8.00000 kHz) Parameters

Min: 20.0000 Hz

Max: 8.00000 kHz

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Signal Path1 : Signal to Noise Ratio+A-wt.

Waveform: Sine

Generator Level: -30.000 dBV

DC Offset: 0.000 V

Frequency: 1.00000 kHz

Low-pass Filter: 8 kHz

Weighting Filter: A-wt.

High-pass Filter: 20 Hz

Signal to Noise Ratio (2025/3/24 10:05:22.889)

Ch1 76.203 dB

Ch2 76.203 dB

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Signal Path1 : Acoustic Response

Generator Level: -30.000 dBV

DC Offset: 0.000 V

EQ: None

Start Frequency: 20.0000 Hz

Stop Frequency: 8.00000 kHz

Sweep: 350.0 ms

Pre-Sweep: 350.0 ms

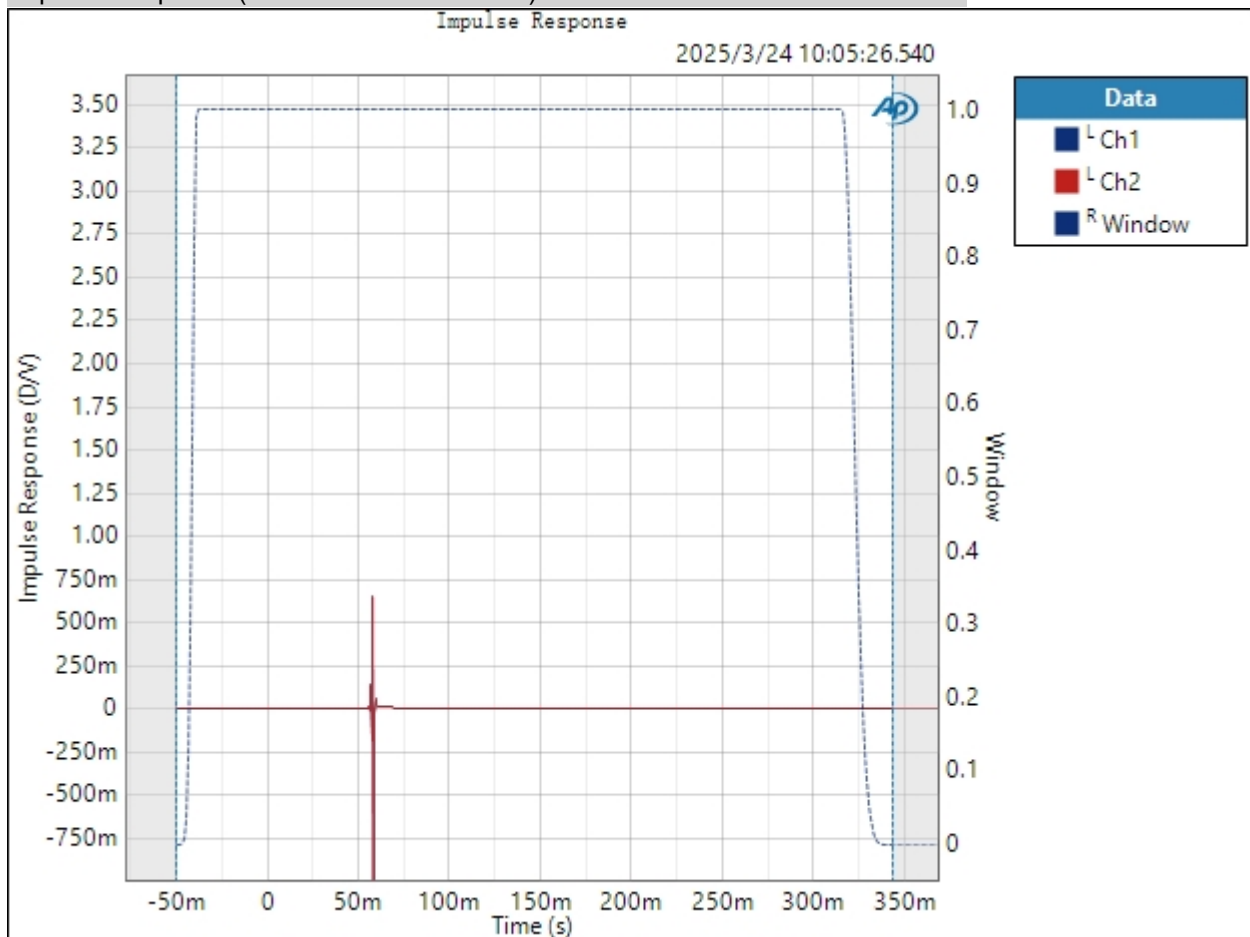
Extend Acquisition By: 500.0 ms

Averages: 1

Secondary Source: None

Measured 1 2025/3/24 10:05:26

Impulse Response (2025/3/24 10:05:26.540)



Impulse Response Parameters

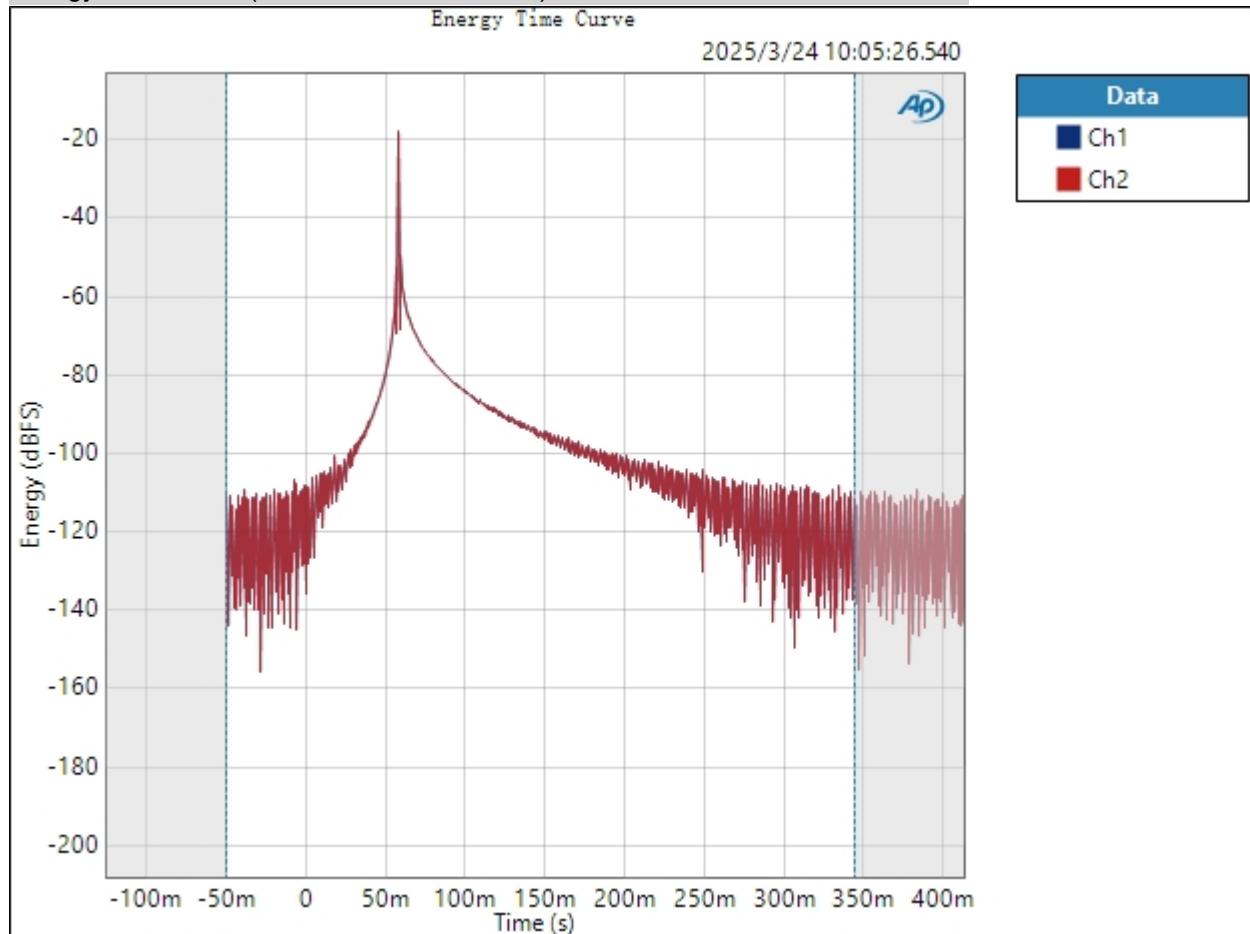
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Window End: 343.9 ms
Taper Type: AP-Equiripple
Time Window: Track Peak
Taper Start: 10.000 %
Taper End: 10.000 %

Result: PASSED

Energy Time Curve (2025/3/24 10:05:26.540)



Energy Time Curve Parameters

Window End: 343.9 ms

Result: PASSED

Delay (2025/3/24 10:05:26.540)

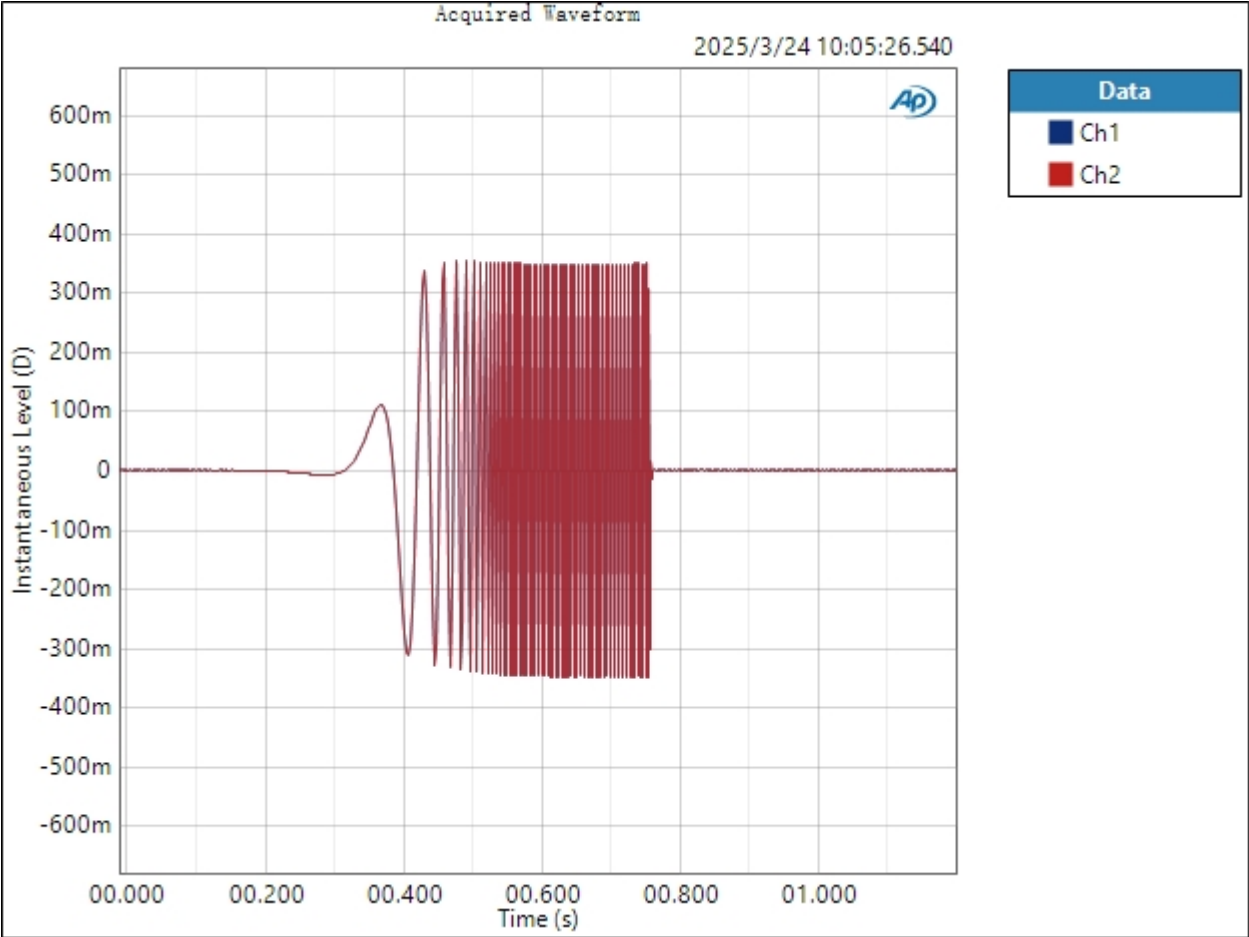
Ch1 57.44 ms

Ch2 57.44 ms

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Acquired Waveform (2025/3/24 10:05:26.540)



Acquired Waveform Parameters

Interpolated: On

Result: PASSED

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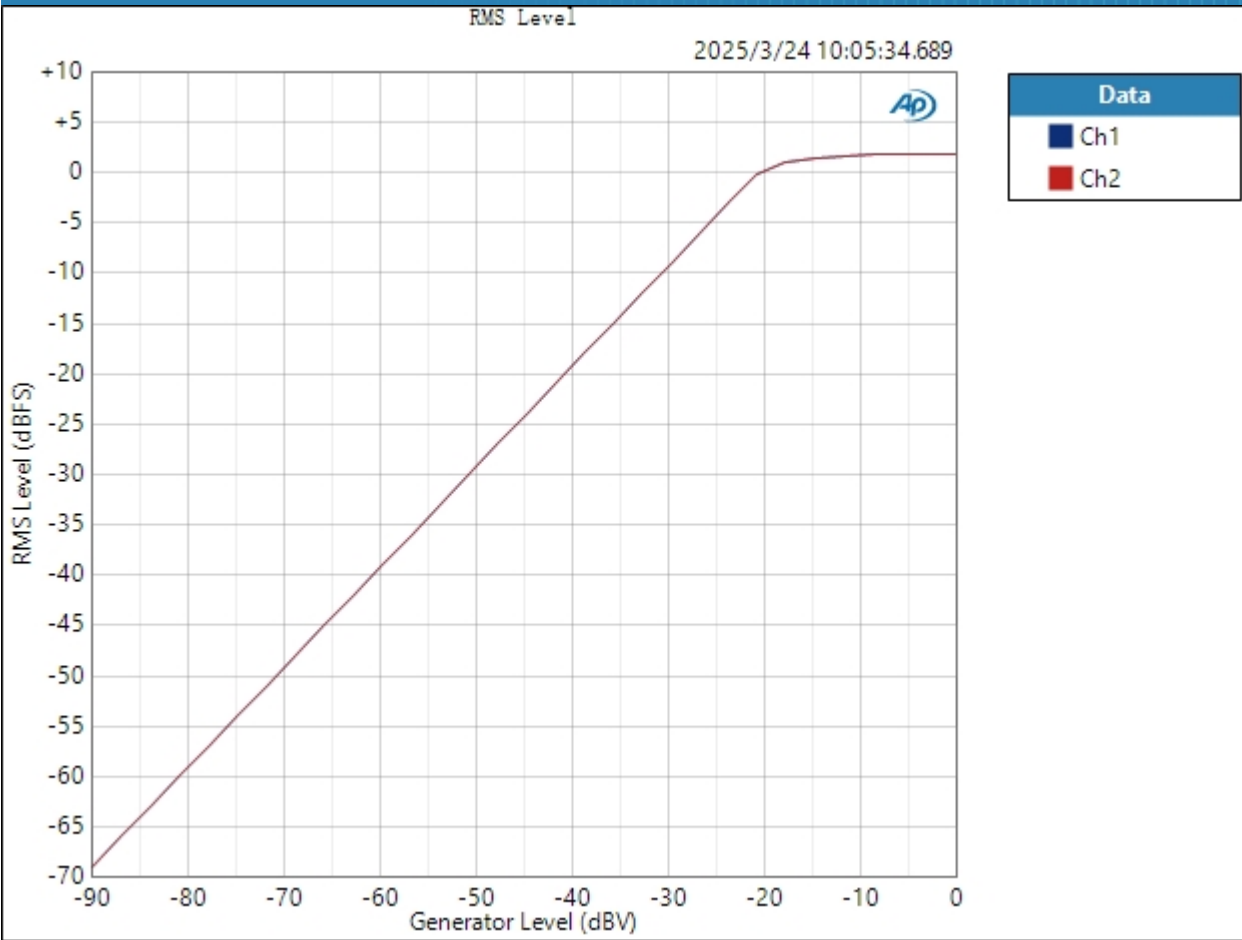


Signal Path1 : Bandpass Level Sweep

Waveform: Sine
Generator Level: 100.0 mVrms
DC Offset: 0.000 V
Frequency: 1.00000 kHz
Start Level: -90.000 dBV
Stop Level: 0.000 dBV
Step Type: Linear
Number of Points: 31
Step Size: +3.000 dBV
Offset: 0.000 V
Selectivity: 1/24 octave
Bandpass Tuning Mode: Generator Frequency
Measured 1 2025/3/24 10:05:34

RMS Level (2025/3/24 10:05:34.689)

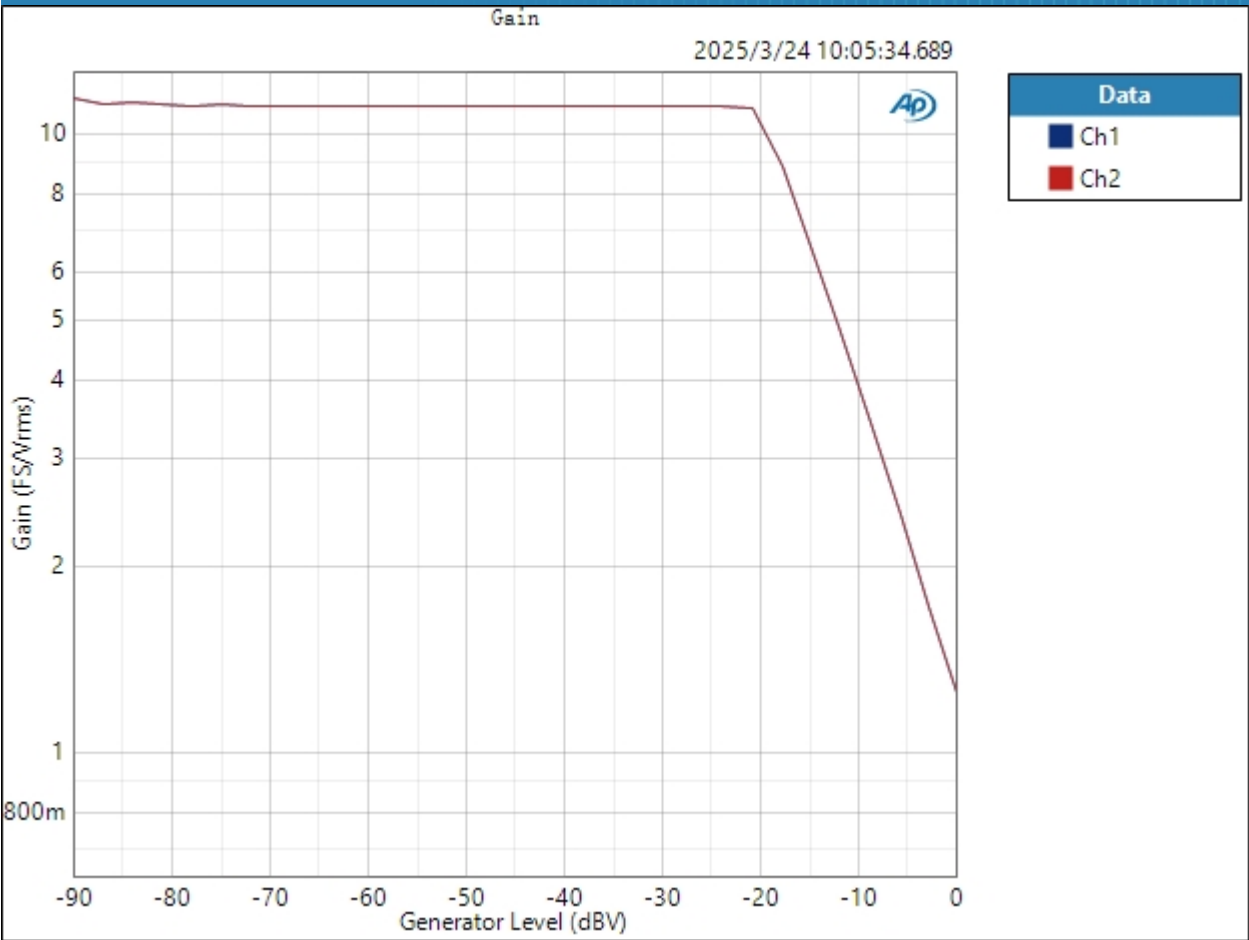
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Result: PASSED

Gain (2025/3/24 10:05:34.689)

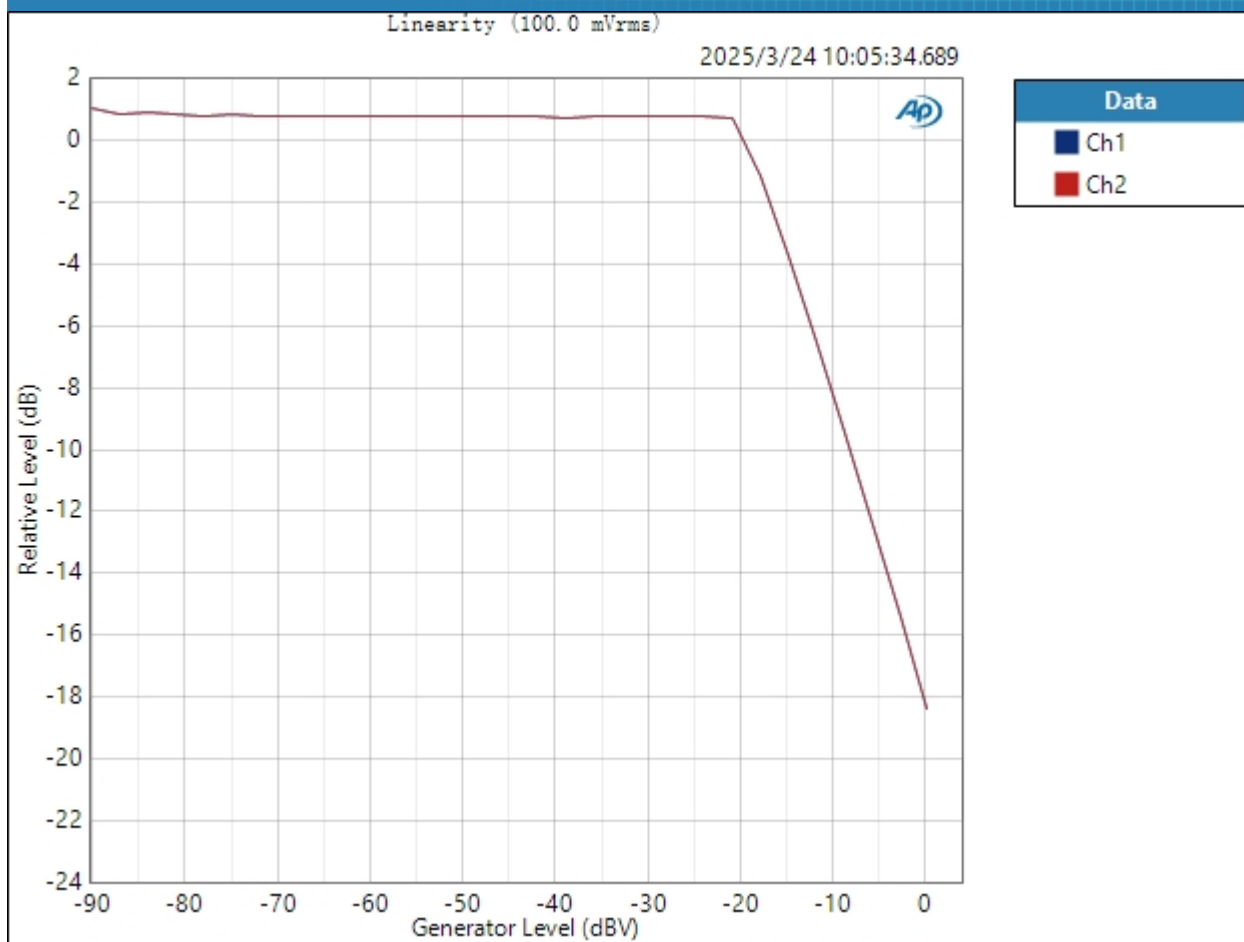
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Result: PASSED

Linearity (100.0 mVrms) (2025/3/24 10:05:34.689)

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Linearity (100.0 mVrms) Parameters

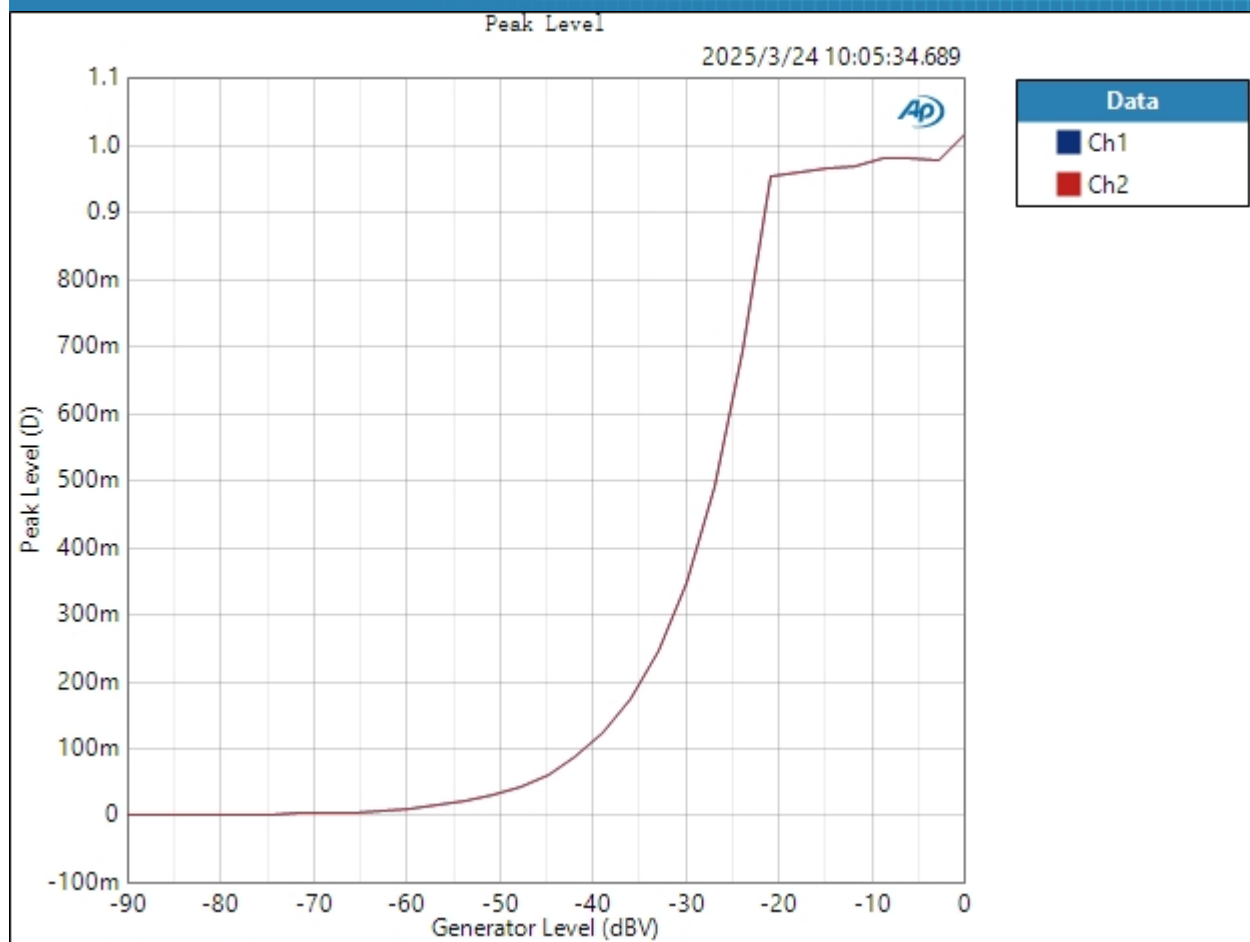
Mode: Normalized at Reference

Relative Level: 100.0 mVrms

Result: PASSED

Peak Level (2025/3/24 10:05:34.689)

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Result: PASSED

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Signal Path1 : Stepped Frequency Sweep

Generator Level: -30.000 dBV

DC Offset: 0.000 V

EQ: None

Start Frequency: 20.0000 kHz

Stop Frequency: 20.0000 Hz

Step Type: Logarithmic

Number of Points: 31

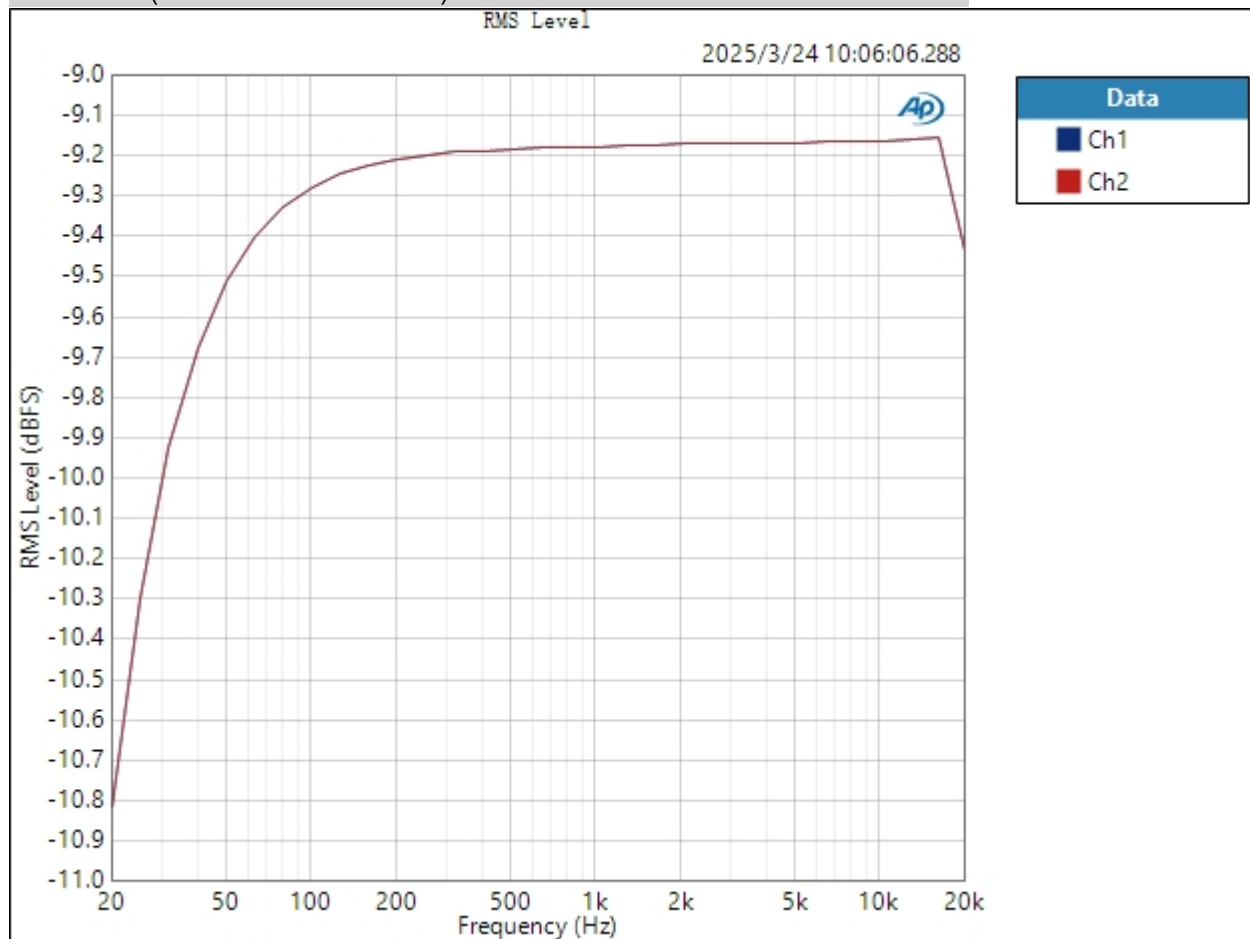
Weighting Filter: Signal Path

High-pass Filter: 20 Hz

Phase Ref Channel: Ch1

Measured 1 2025/3/24 10:06:06

RMS Level (2025/3/24 10:06:06.288)



Result: PASSED

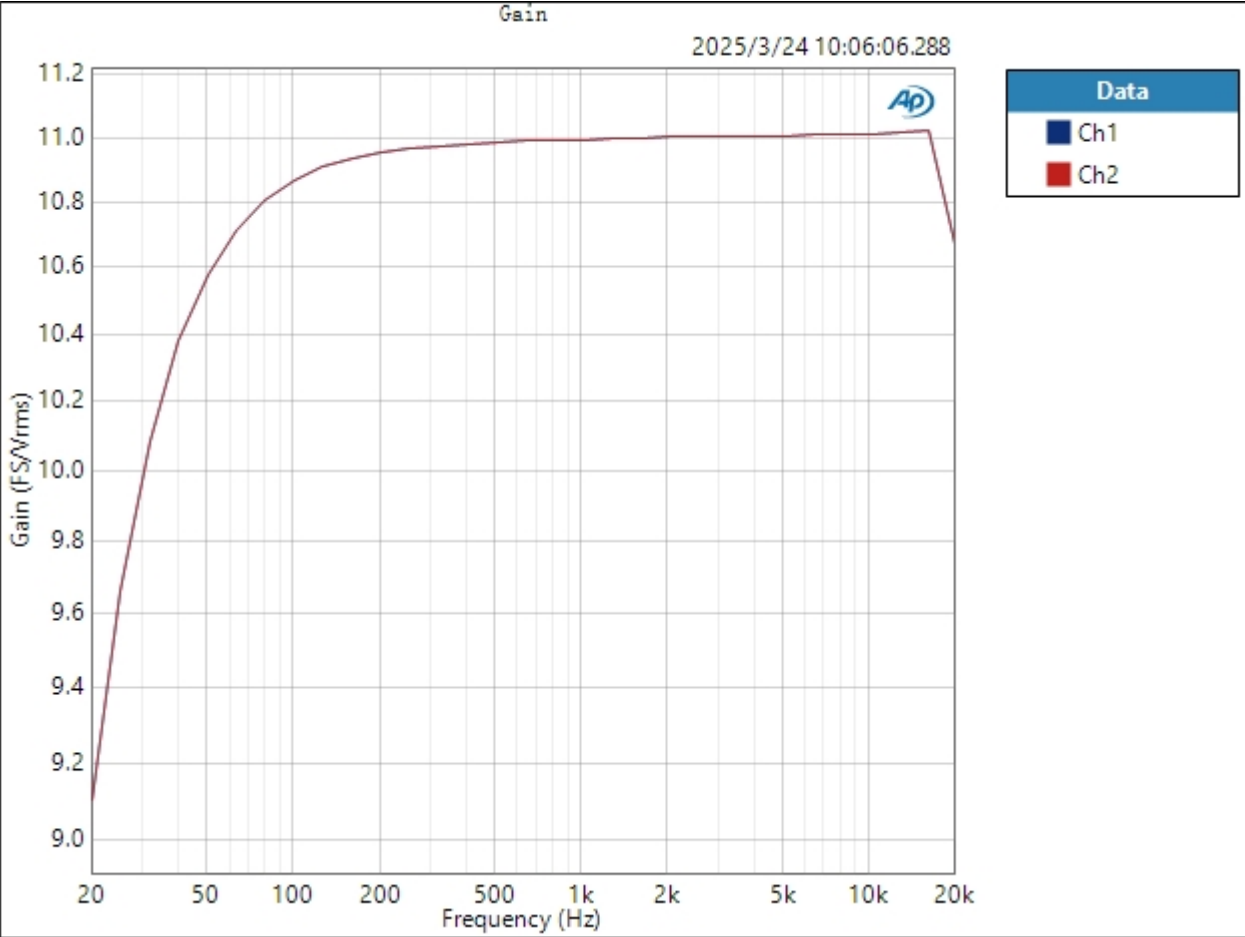
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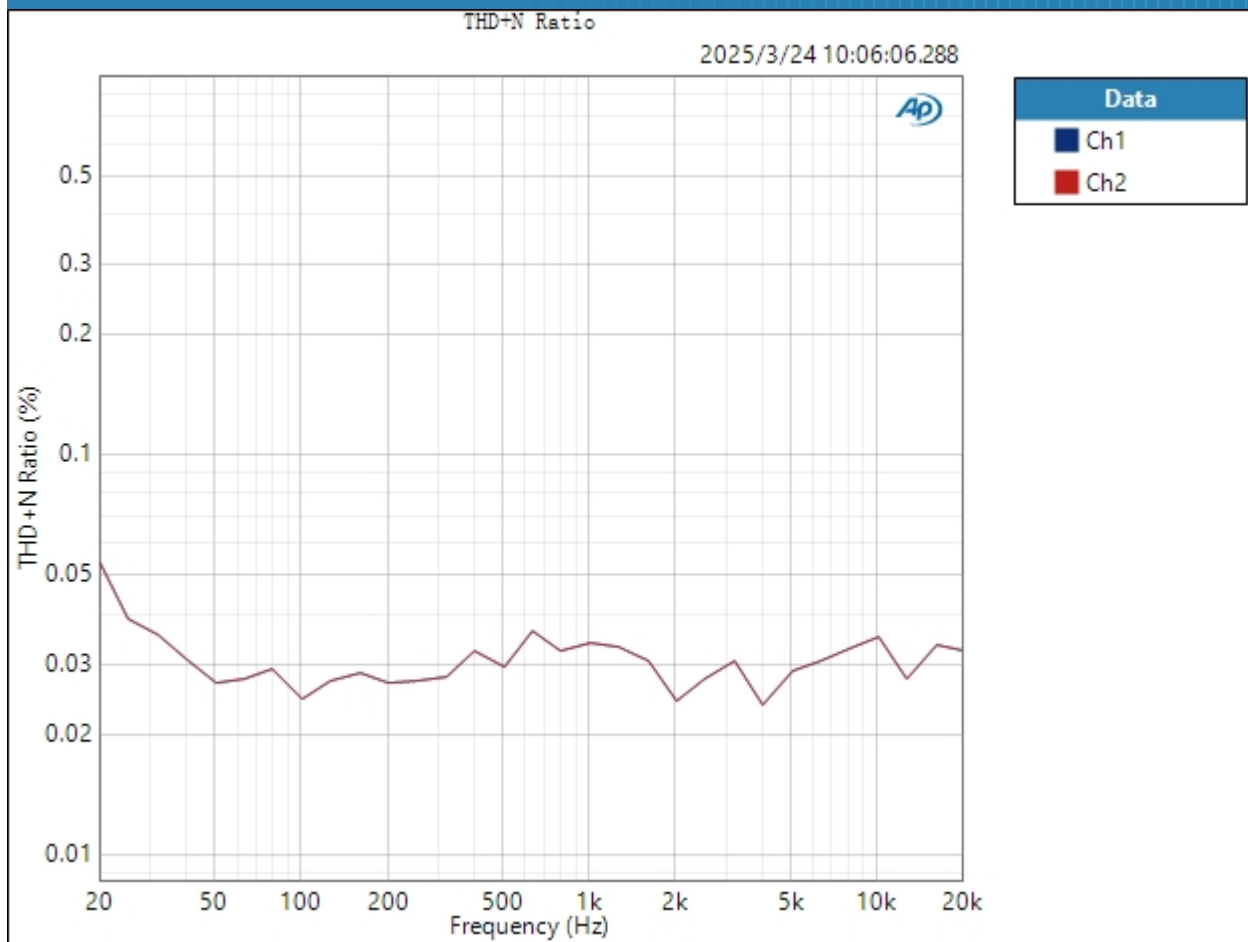
Gain (2025/3/24 10:06:06.288)



Result: PASSED

THD+N Ratio (2025/3/24 10:06:06.288)

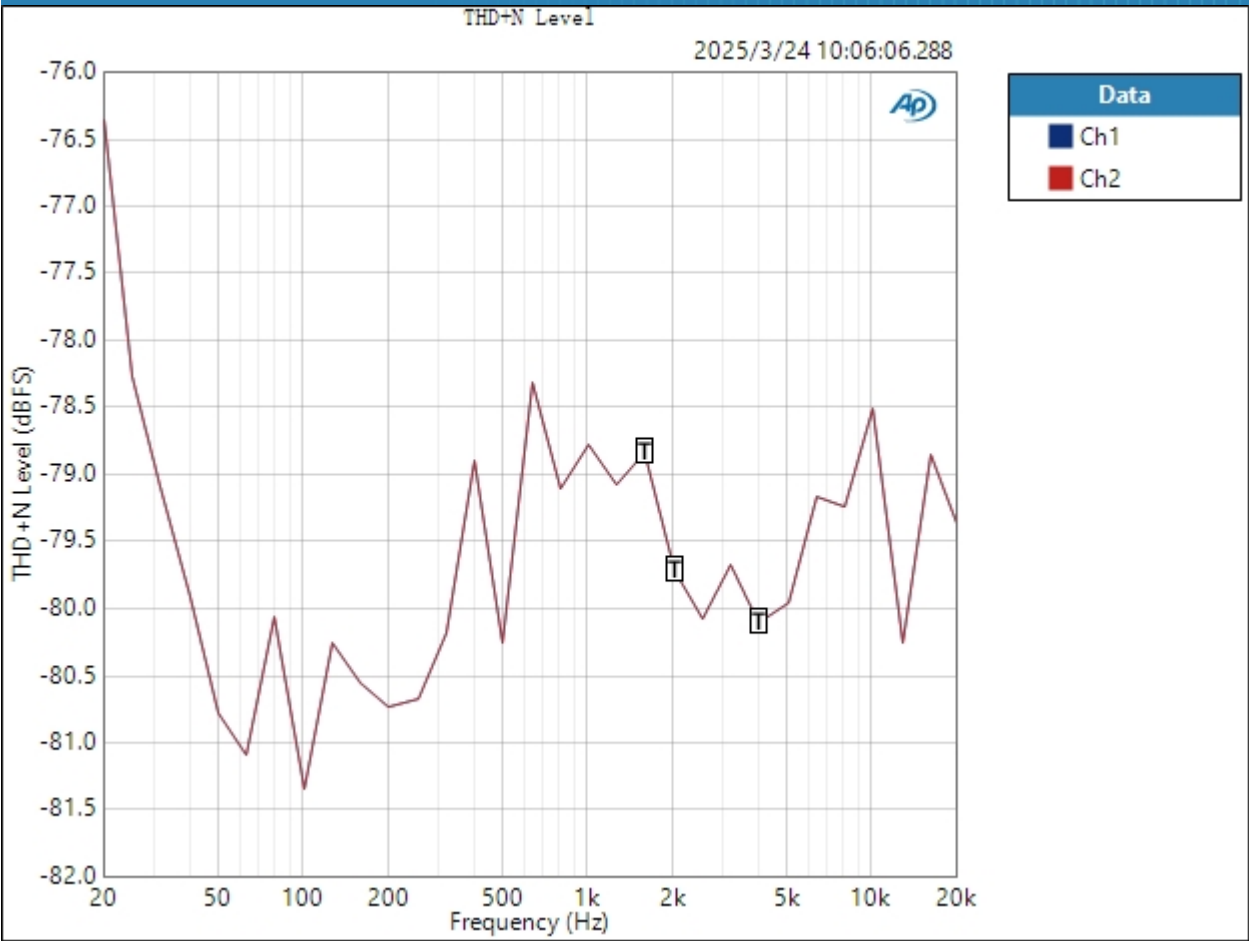
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Result: PASSED

THD+N Level (2025/3/24 10:06:06.288)

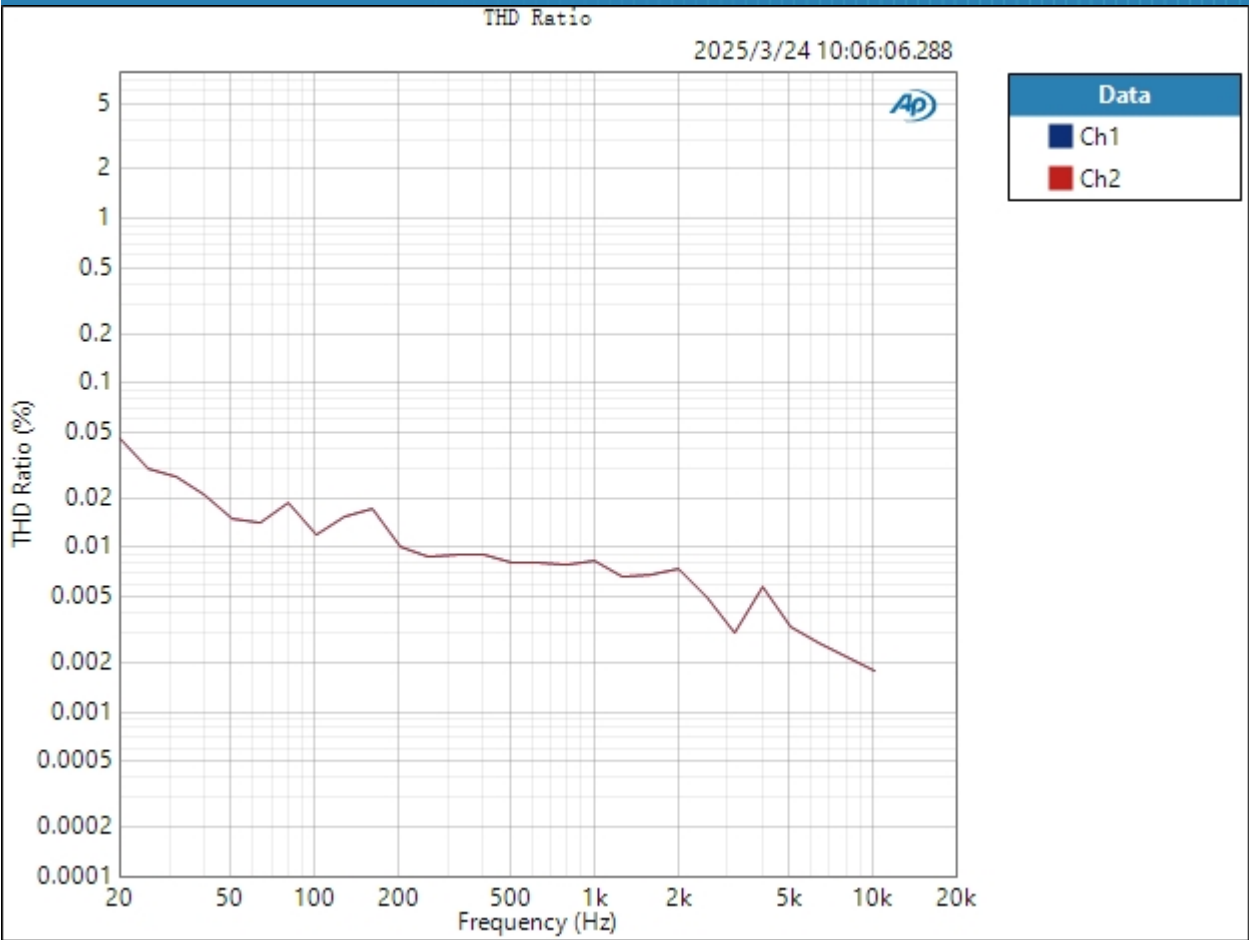
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Result: PASSED

THD Ratio (2025/3/24 10:06:06.288)

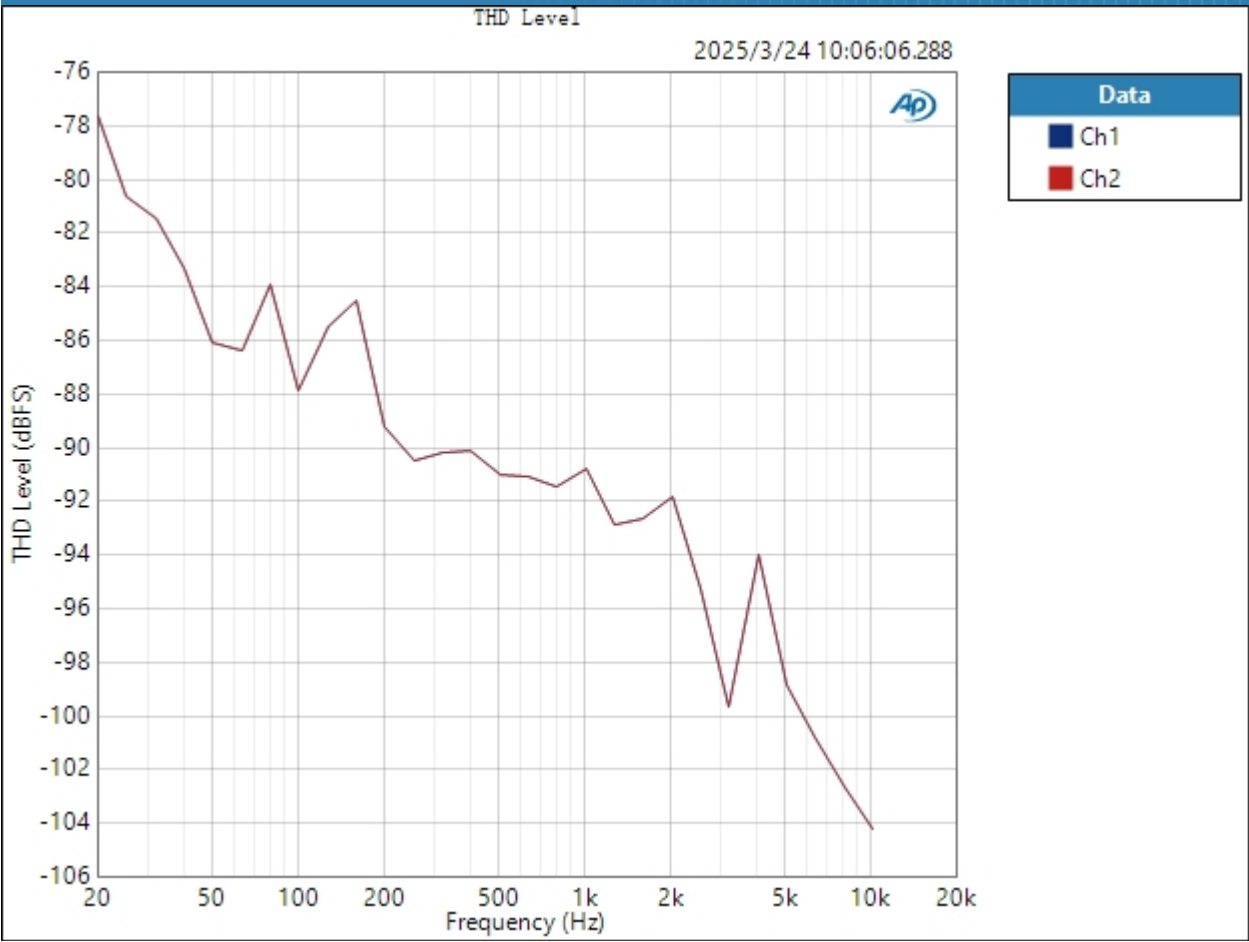
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Result: PASSED

THD Level (2025/3/24 10:06:06.288)

Sequence Report



Result: PASSED