

Sequence Report



Summary

Signal Path1

Signal Path Setup	✓ PASSED
Level and Gain	✓ PASSED
THD+N	✓ PASSED
Frequency Response	✓ PASSED
Stepped Frequency Sweep	✓ PASSED
Signal to Noise Ratio	✓ PASSED
Crosstalk, One Channel Undriven	✓ PASSED
Interchannel Phase	✓ PASSED
Signal Analyzer	✓ PASSED
Acoustic Response	✓ PASSED
Noise (RMS)	✓ PASSED
Noise Recorder (RMS)	✓ PASSED
Stepped Level Sweep	✓ PASSED
Stepped Frequency Sweep	✓ PASSED

Sequence Result:

Sequence Result: ✓ PASSED

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Signal Path1 : Signal Path Setup

Output Connector:	ASIO
Output Sample Rate:	48.0000 kHz
Output EQ:	None
Input Connector:	Analog Unbalanced
Channels:	2
Termination:	600 ohm
Input Bandwidth:	AC (<10 Hz) - 90k (192 kHz SR)
Device Delay:	0.000 s
Input EQ:	None

• References

dBr G:	-20.000 dBFS
Shared Frequency Reference:	1.00000 kHz
dBrA:	1.000 Vrms
dBrB:	1.000 Vrms
dBrA Offset:	0.000 dB
dBrB Offset:	0.000 dB
dB SPL1:	10.00 mVrms
dB SPL2:	10.00 mVrms
dB SPL1 Calibrator Level:	94.000 dB SPL
dB SPL2 Calibrator Level:	94.000 dB SPL
dBm (Input Power):	600.0 ohm
W(watts) (Input Power):	8.000 ohm

• DCX

DCX is not detected.

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Signal Path1 : Verify Connections

Waveform: Sine

Generator Level: -0.000 dBFS

DC Offset: 0.000 D

Frequency: 1.00000 kHz

RMS Level (2025/3/24 13:53:27.138)

Ch1 1.003 Vrms

Ch2 1.014 Vrms

Gain (2025/3/24 13:53:27.138)

Ch1 +0.024
dB(Vrms/FS)

Ch2 +0.121
dB(Vrms/FS)

THD+N Ratio (2025/3/24 13:53:27.138)

Ch1 0.028400 %

Ch2 0.032488 %

Signal Path1 : Level and Gain

Waveform: Sine

Generator Level: -0.000 dBFS

DC Offset: 0.000 D

Frequency: 1.00000 kHz

RMS Level (2025/3/24 13:53:29.936)

Ch1 1.003 Vrms

Ch2 1.014 Vrms

Gain (2025/3/24 13:53:29.936)

Ch1 +0.023
dB(Vrms/FS)

Ch2 +0.121
dB(Vrms/FS)

Peak Level (2025/3/24 13:53:29.936)

Ch1 1.420 V

Ch2 1.438 V

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Signal Path1 : THD+N

Waveform: Sine
 Generator Level: -0.000 dBFS
 DC Offset: 0.000 D
 Frequency: 1.00000 kHz
 Low-pass Filter: 20 kHz
 Weighting Filter: CCIR-1k
 High-pass Filter: 20 Hz
 Notch Tuning Mode: Measured Frequency

THD+N Ratio (2025/3/24 13:53:33.077)

Ch1 0.021898 %
 Ch2 0.048702 %

THD+N Level (2025/3/24 13:53:33.077)

Ch1 218.9 uVrms
 Ch2 492.3 uVrms

THD Ratio (2025/3/24 13:53:33.077)

Ch1 0.021211 %
 Ch2 0.048038 %

THD Level (2025/3/24 13:53:33.077)

Ch1 212.7 uVrms
 Ch2 487.1 uVrms

Noise Ratio (2025/3/24 13:53:33.077)

Ch1 0.004694 %
 Ch2 0.008108 %

Noise Level (2025/3/24 13:53:33.077)

Ch1 47.07 uVrms
 Ch2 82.22 uVrms

Distortion Product Ratio (2025/3/24 13:53:33.077)

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	9.001k	10.00k
Ch1	-0.00	-73.65	-88.69	-110.83	-102.60	-102.66	-95.69	-108.63	-101.67	-112.20
	1.000k	2.000k	3.000k	4.000k	5.000k	6.000k	7.000k	8.000k	9.001k	10.00k
Ch2	-0.00	-79.15	-68.93	-91.84	-71.33	-103.32	-88.78	-86.61	-79.12	-96.49

Distortion Product Ratio Parameters

Frequency Unit: Hz
 Ratio Unit: dB

Distortion Product Level (2025/3/24 13:53:33.077)

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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	9.001k	10.00k
Ch1	1.003	208.2 u	36.87 u	2.883 u	7.435 u	7.382 u	16.46 u	3.714 u	8.276 u	2.463 u
	1.000k	2.000k	3.000k	4.000k	5.000k	6.000k	7.000k	8.000k	9.001k	10.00k
Ch2	1.014	111.8 u	362.9 u	25.94 u	275.2 u	6.923 u	36.90 u	47.38 u	112.2 u	15.19 u

Distortion Product Level Parameters

Frequency Unit: Hz

Level Unit: Vrms

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Signal Path1 : Frequency Response

Generator Level: -0.000 dBFS

DC Offset: 0.000 D

EQ: None

Start Frequency: 20.0000 Hz

Stop Frequency: 20.0000 kHz

Sweep: 1.000 s

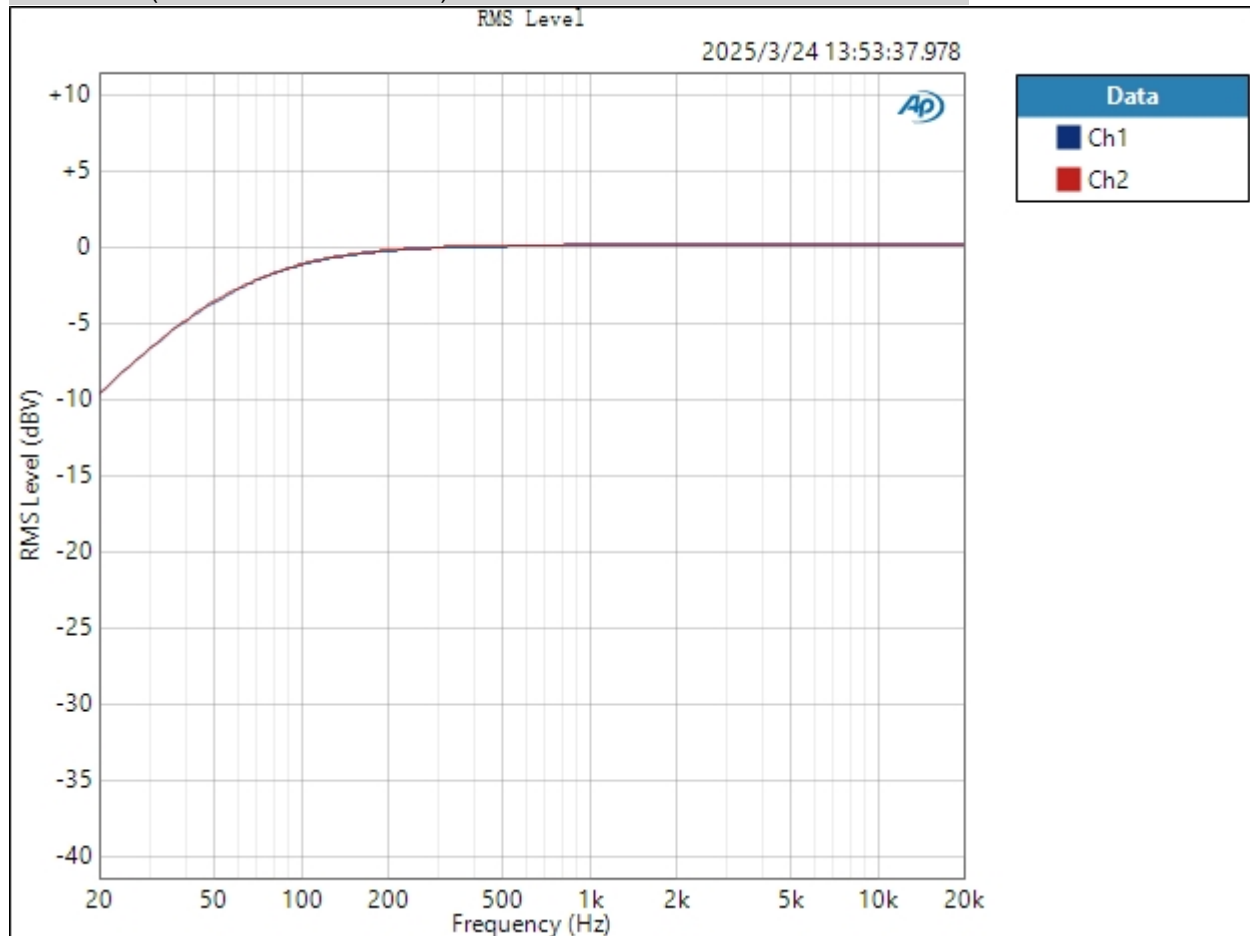
Pre-Sweep: 50.00 ms

Extend Acquisition By: 250.0 ms

Secondary Source: None

Measured 1 2025/3/24 13:53:37

RMS Level (2025/3/24 13:53:37.978)



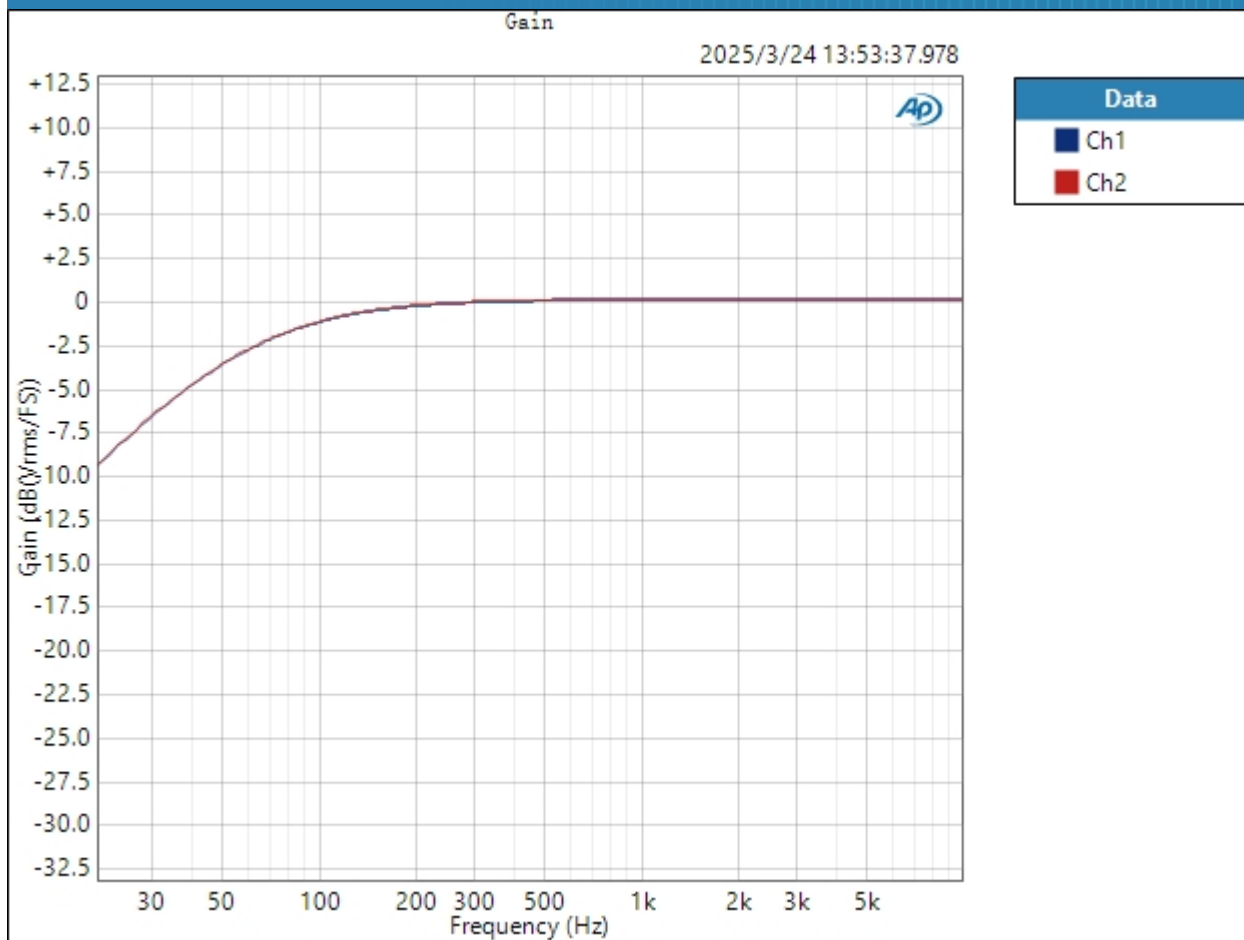
Result: PASSED

Gain (2025/3/24 13:53:37.978)

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Result: ✔ PASSED

Deviation (20.0000 Hz - 4.00000 kHz) (2025/3/24 13:53:37.978)

Ch1 ± 4.812 dB

Ch2 ± 4.844 dB

Deviation (20.0000 Hz - 4.00000 kHz) Parameters

Min: 20.0000 Hz

Max: 4.00000 kHz

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Signal Path1 : Stepped Frequency Sweep

Generator Level: -0.000 dBFS

DC Offset: 0.000 D

EQ: None

Start Frequency: 20.0000 kHz

Stop Frequency: 20.0000 Hz

Step Type: Logarithmic

Number of Points: 32

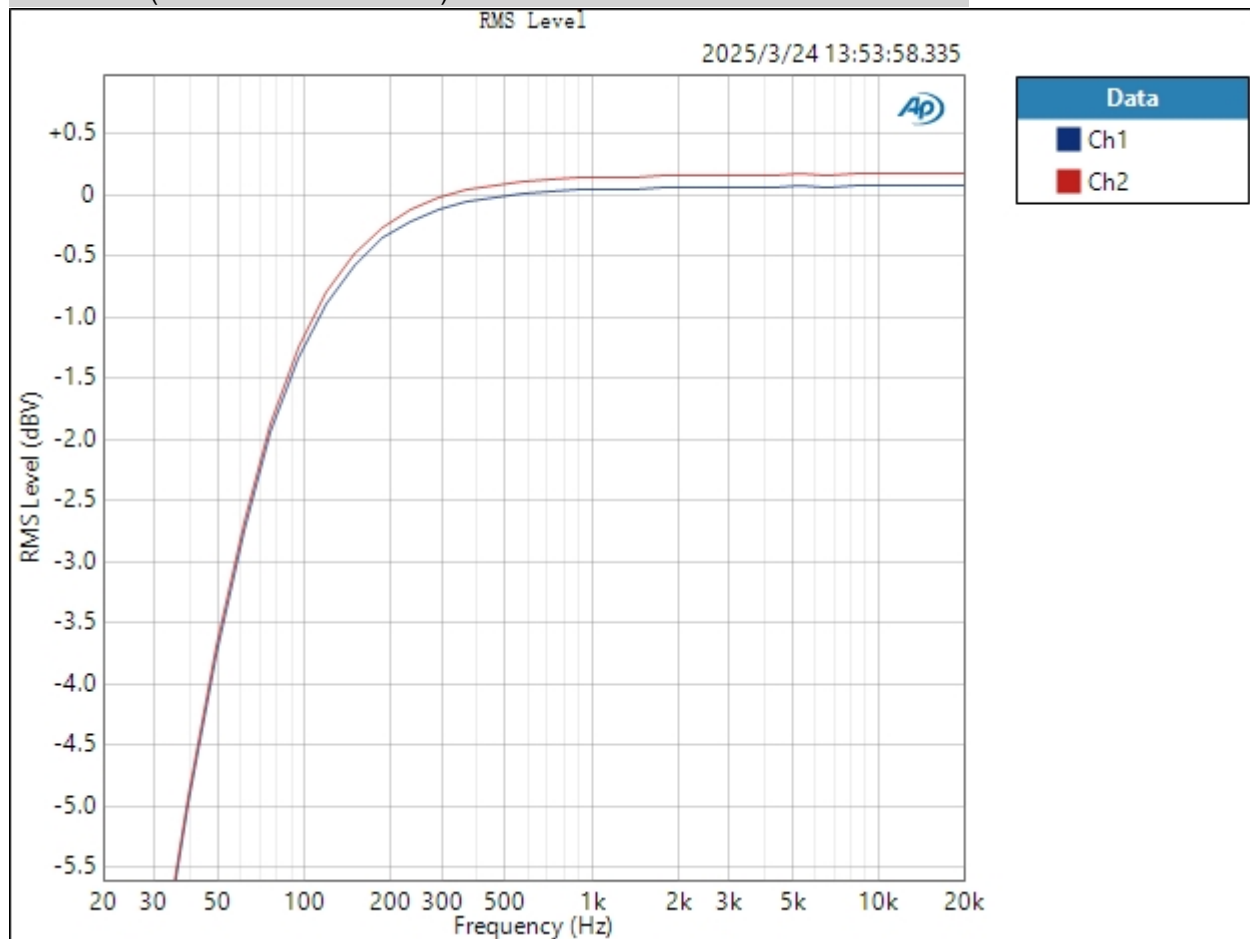
Weighting Filter: A-wt.

High-pass Filter: 20 Hz

Phase Ref Channel: Ch1

Measured 1 2025/3/24 13:53:58

RMS Level (2025/3/24 13:53:58.335)



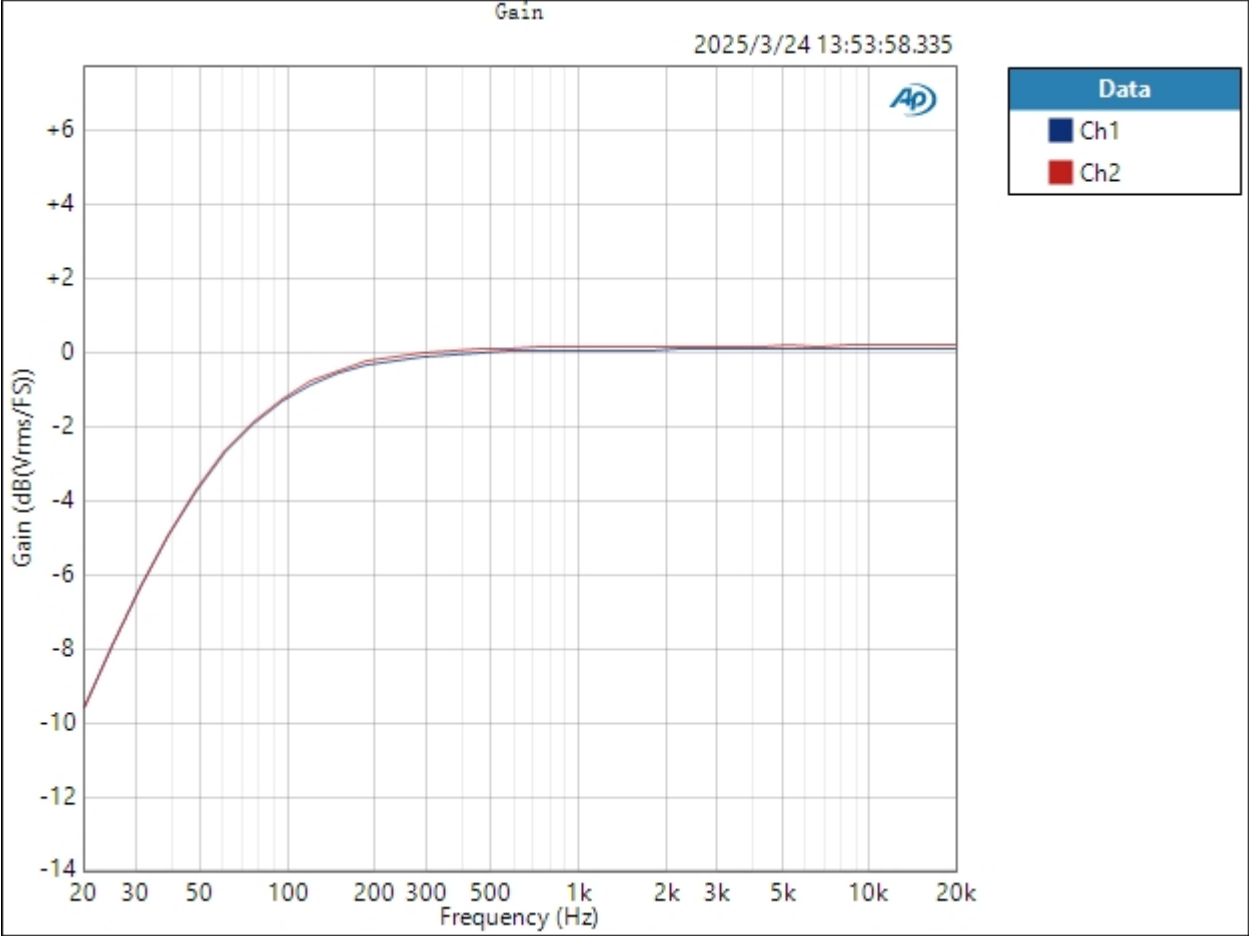
Result: PASSED

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Gain (2025/3/24 13:53:58.335)



Result: PASSED

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Signal Path1 : Signal to Noise Ratio

Waveform: Sine
Generator Level: -0.000 dBFS
DC Offset: 0.000 D
Frequency: 1.00000 kHz
Low-pass Filter: 20 kHz
Weighting Filter: A-wt.
High-pass Filter: 20 Hz

Signal to Noise Ratio (2025/3/24 13:54:01.585)

Ch1 99.788 dB

Ch2 99.557 dB

Signal Path1 : Crosstalk, One Channel Undriven

Waveform: Sine
Generator Level: -0.000 dBFS
DC Offset: 0.000 D
Frequency: 1.00000 kHz

Crosstalk (2025/3/24 13:54:03.789)

Ch1 -66.726 dB

Ch2 -63.143 dB

Signal Path1 : Interchannel Phase

Waveform: Sine
Generator Level: -0.000 dBFS
DC Offset: 0.000 D
Frequency: 1.00000 kHz
Reference Channel: Ch1
Meter Range: 0 -> 360 deg

Phase (2025/3/24 13:54:06.015)

Ch1 ---- deg

Ch2 +0.025 deg

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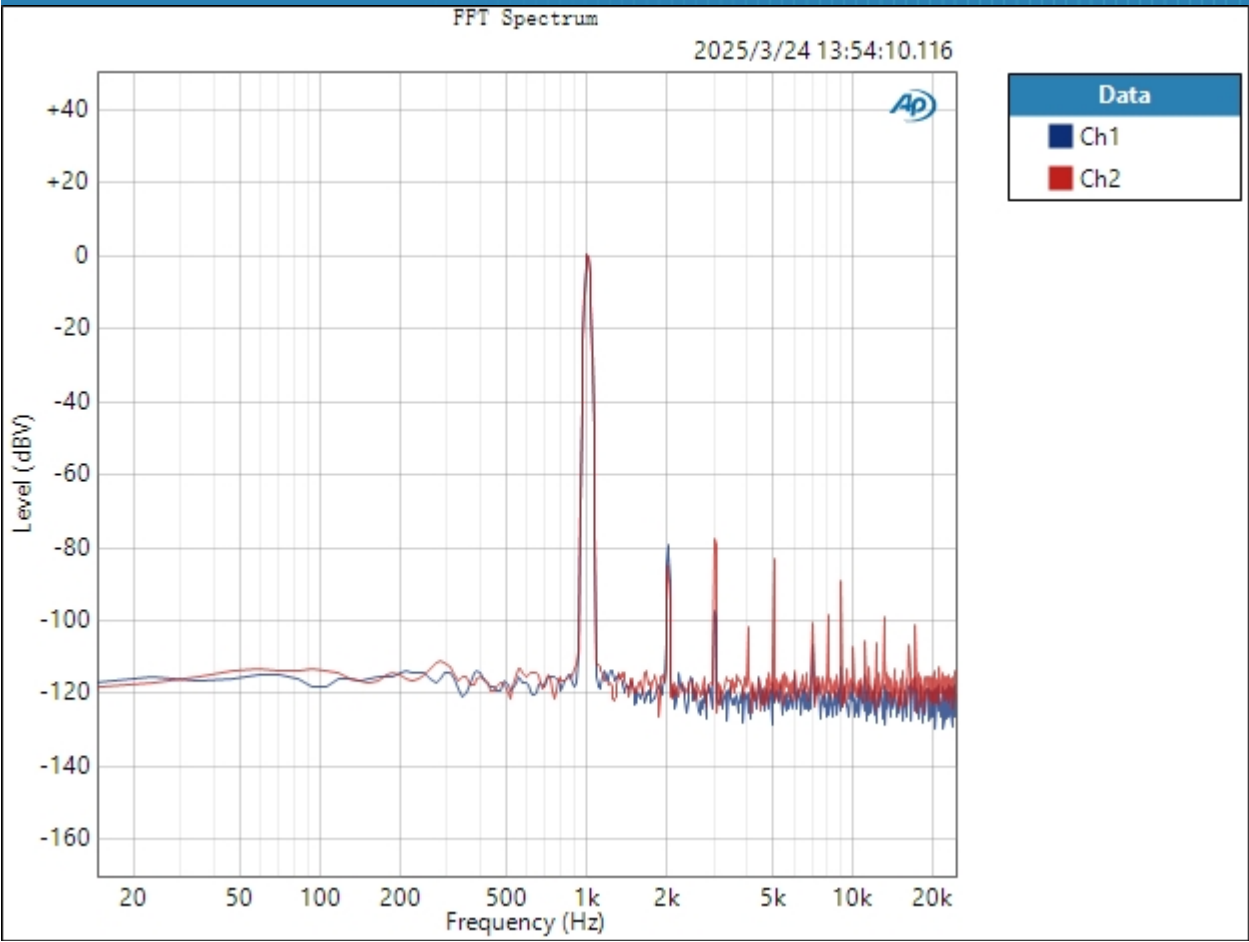


Signal Path1 : Signal Analyzer

Waveform: Sine
Generator Level: -0.000 dBFS
DC Offset: 0.000 D
Frequency: 1.00000 kHz
Secondary Source: None
Measured 1 2025/3/24 13:54:10
Acquisition Type: Auto
Trigger: Free Run
Delay Time: 250.0 ms
Input Bandwidth: Use Signal Path
FFT Length: 16K
Averaging: Power
Averages: 5
Window: AP-Equiripple
Record Acquisition: False

FFT Spectrum (2025/3/24 13:54:10.116)

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Result: PASSED

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Signal Path1 : Acoustic Response

Generator Level: -0.000 dBFS

DC Offset: 0.000 D

EQ: None

Start Frequency: 20.0000 Hz

Stop Frequency: 20.0000 kHz

Sweep: 3.000 s

Pre-Sweep: 500.0 ms

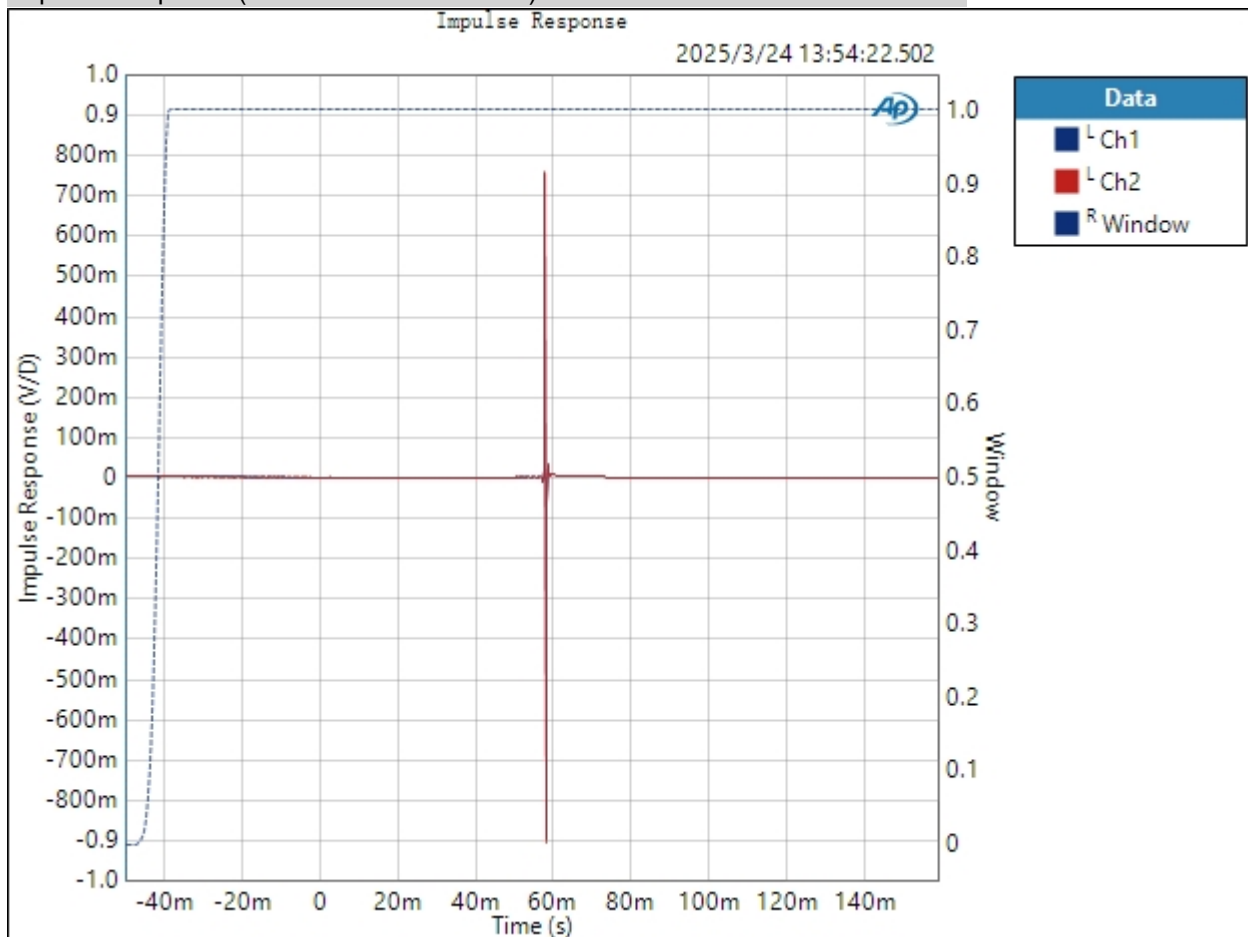
Extend Acquisition By: 350.0 ms

Averages: 1

Secondary Source: None

Measured 1 2025/3/24 13:54:22

Impulse Response (2025/3/24 13:54:22.502)



Impulse Response Parameters

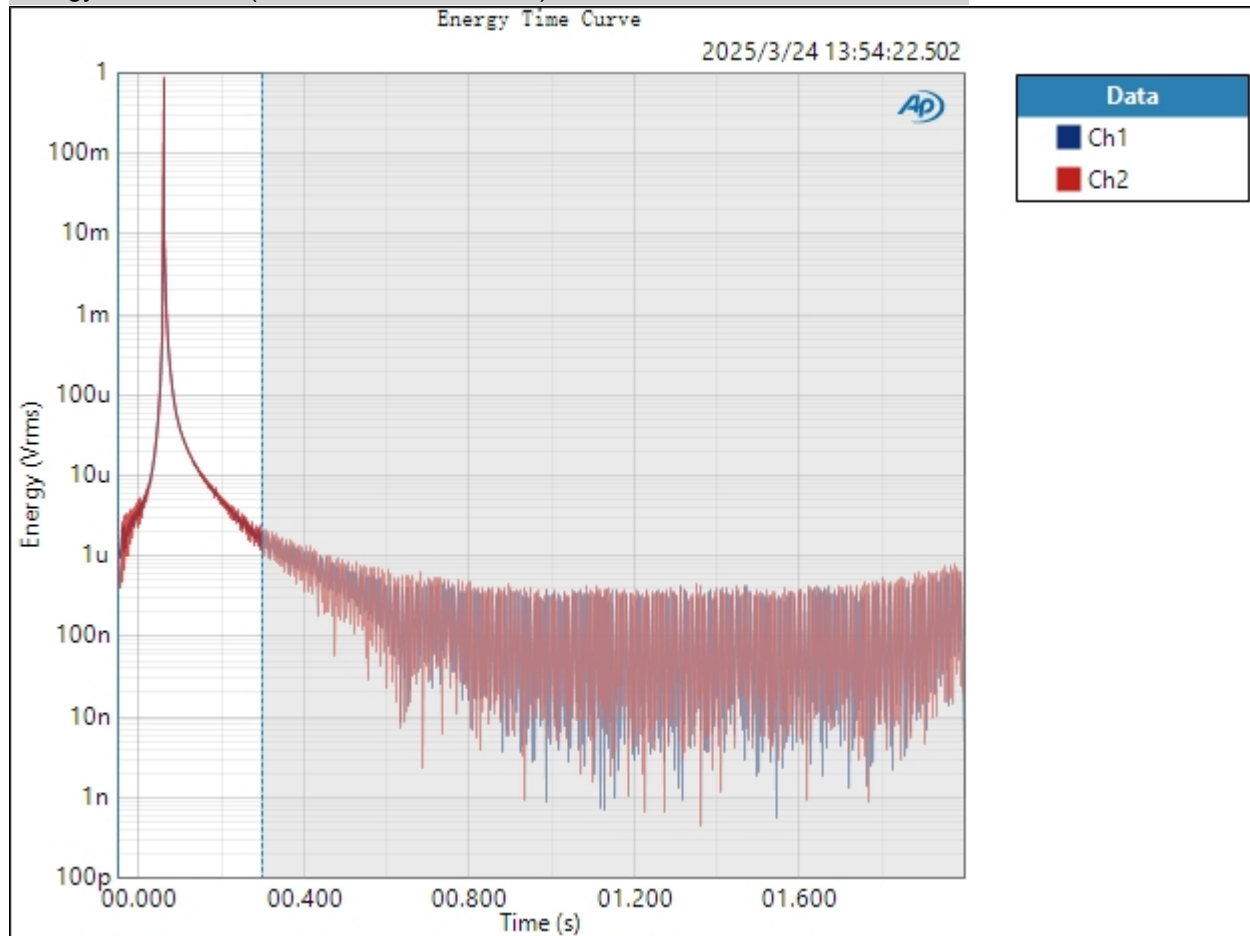
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Window End: 300.0 ms
Taper Type: AP-Equiripple
Time Window: Track Peak
Taper Start: 10.000 %
Taper End: 10.000 %

Result: PASSED

Energy Time Curve (2025/3/24 13:54:22.502)



Energy Time Curve Parameters

Window End: 300.0 ms

Result: PASSED

Deviation (20.0000 Hz - 20.0000 kHz) (2025/3/24 13:54:22.502)

Ch1 ± 4.814 dB

Ch2 ± 4.847 dB

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Deviation (20.0000 Hz - 20.0000 kHz) Parameters

Min: 20.0000 Hz

Max: 20.0000 kHz

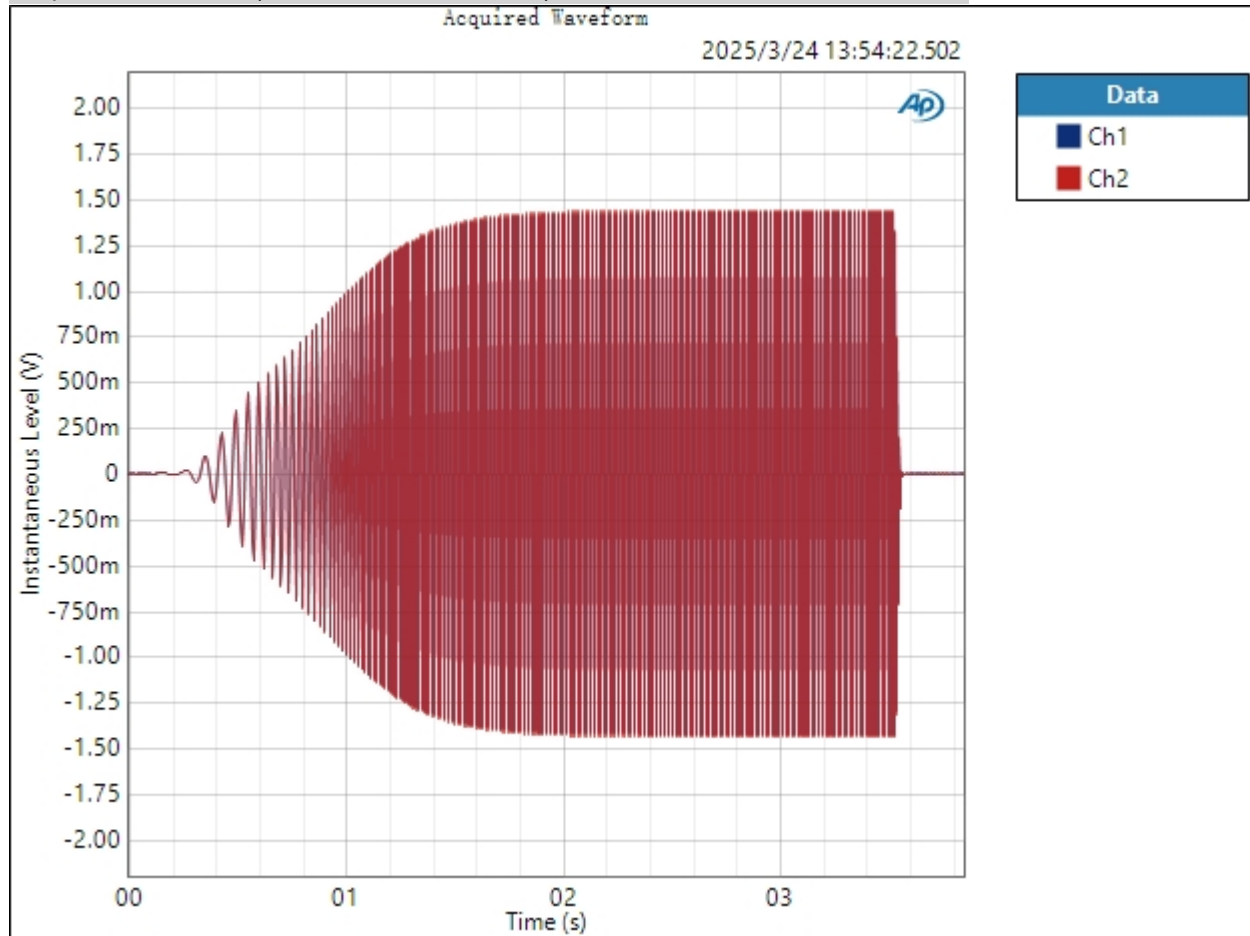
Smoothing: None

Delay (2025/3/24 13:54:22.502)

Ch1 57.87 ms

Ch2 57.87 ms

Acquired Waveform (2025/3/24 13:54:22.502)



Acquired Waveform Parameters

Interpolated: On

Result: PASSED

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Signal Path1 : Noise (RMS)

Noise Level (2025/3/24 13:54:25.716)

Ch1 -99.583 dBV

Ch2 -99.205 dBV

Waveform: None

Low-pass Filter: 20 kHz

Weighting Filter: A-wt.

High-pass Filter: 20 Hz

Acquisition Time: 250.0 ms

Delay Time: 300.0 ms

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Signal Path1 : Noise Recorder (RMS)

Waveform: None

Low-pass Filter: 20 kHz

Weighting Filter: A-wt.

High-pass Filter: 20 Hz

Sweep Time: 0.00:00:10.000

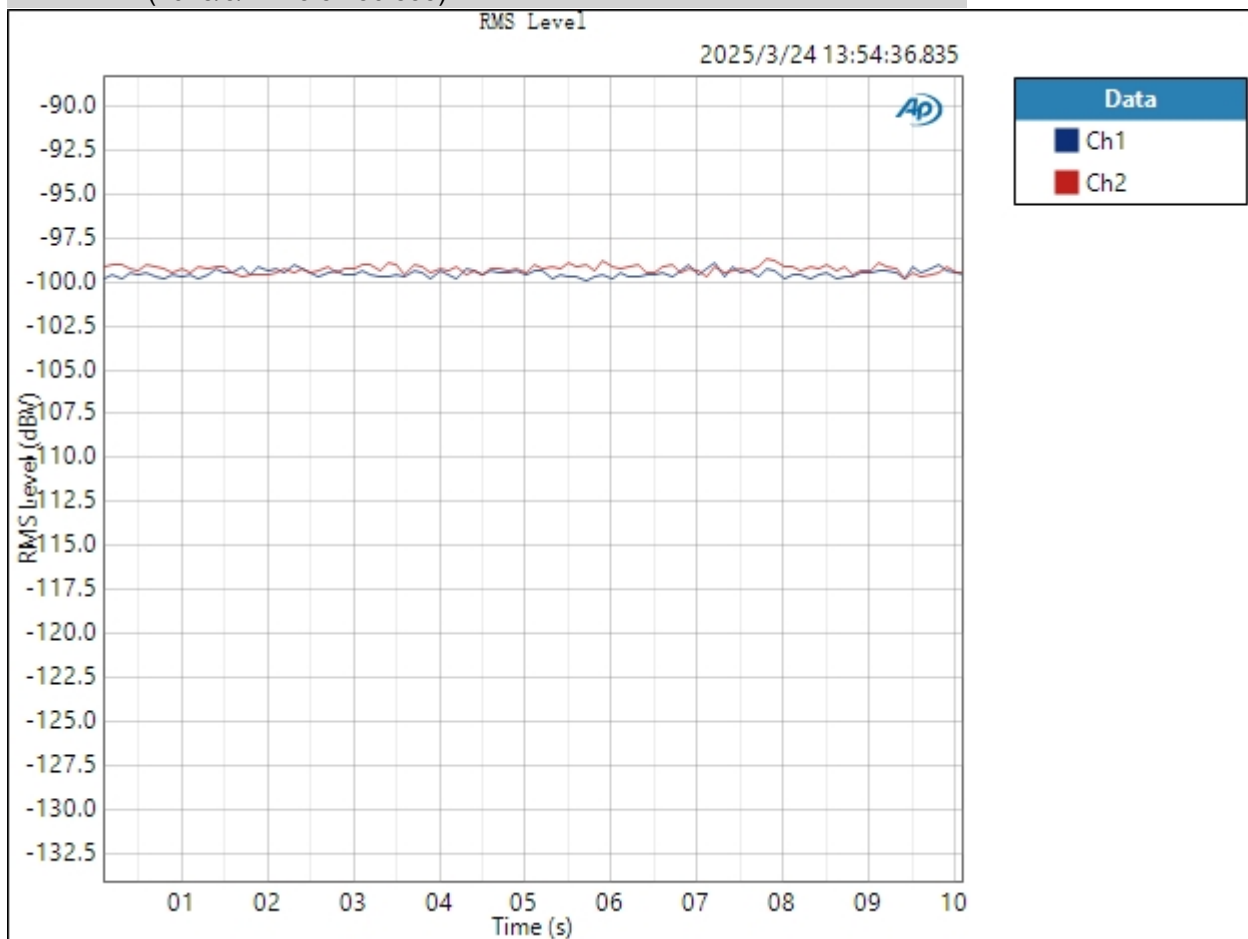
Reading Rate: 10/sec

Input Bandwidth: Use Signal Path

Record Acquisition: False

Measured 1 2025/3/24 13:54:36

RMS Level (2025/3/24 13:54:36.835)



Result: PASSED

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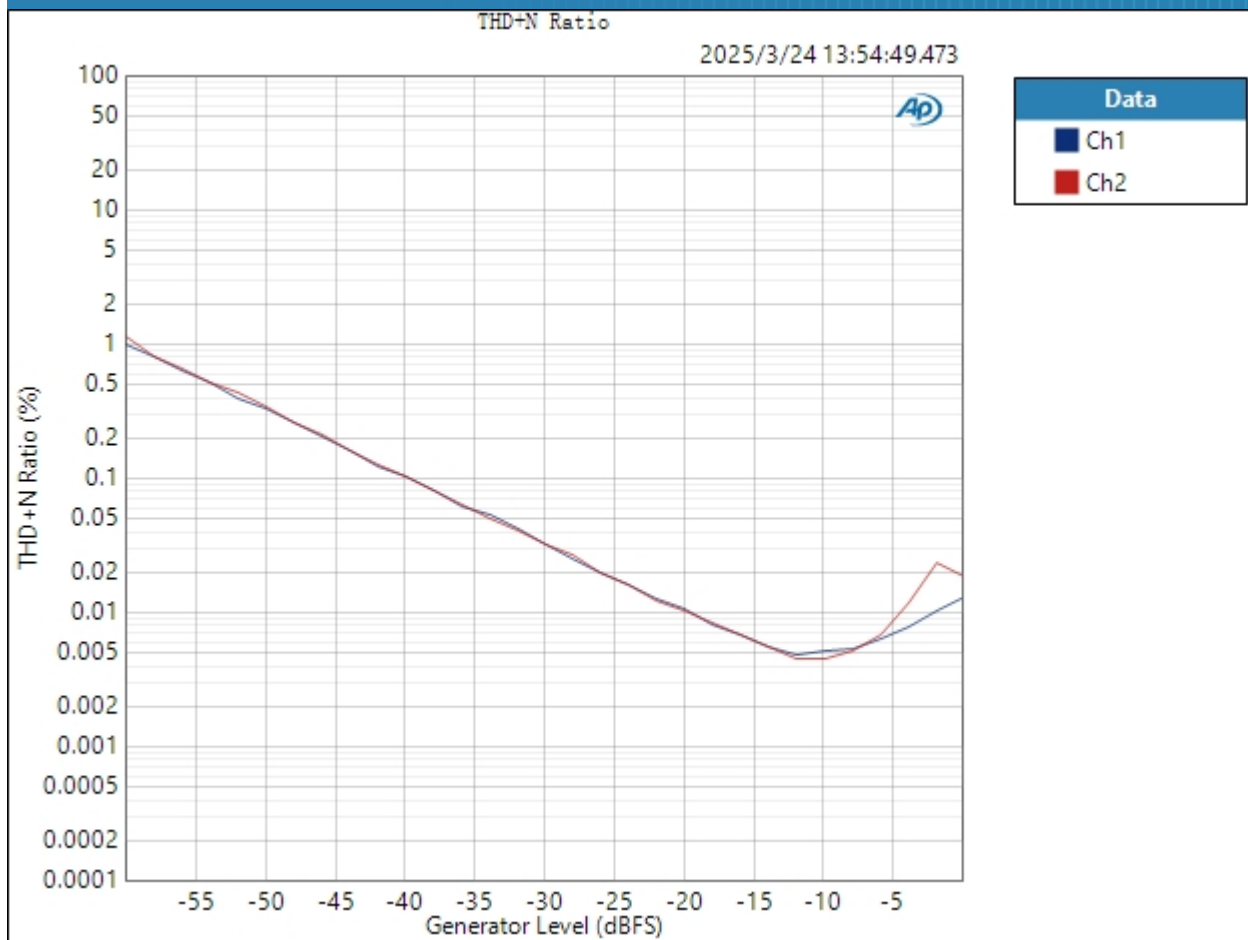


Signal Path1 : Stepped Level Sweep

Waveform: Sine
Generator Level: -20.000 dBFS
DC Offset: 0.000 D
Frequency: 1.00000 kHz
Start Level: -60.000 dBFS
Stop Level: -0.000 dBFS
Step Type: Linear
Number of Points: 31
Step Size: +2.000 dBFS
Offset: 0.000 D
Low-pass Filter: 20 kHz
Weighting Filter: A-wt.
High-pass Filter: 20 Hz
Notch Tuning Mode: Generator Frequency
Measured 1 2025/3/24 13:54:49

THD+N Ratio (2025/3/24 13:54:49.473)

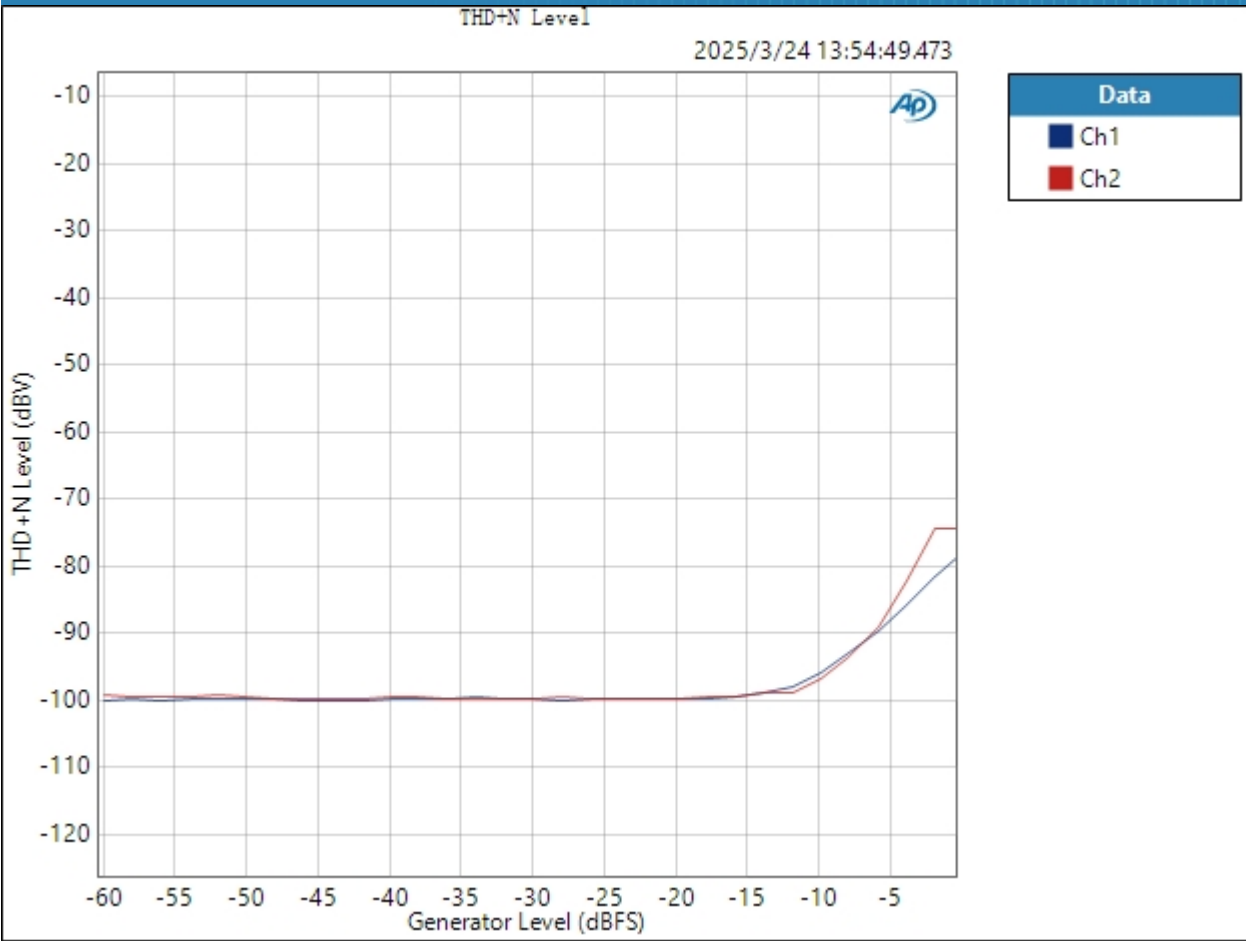
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Result: ✔ PASSED

THD+N Level (2025/3/24 13:54:49.473)

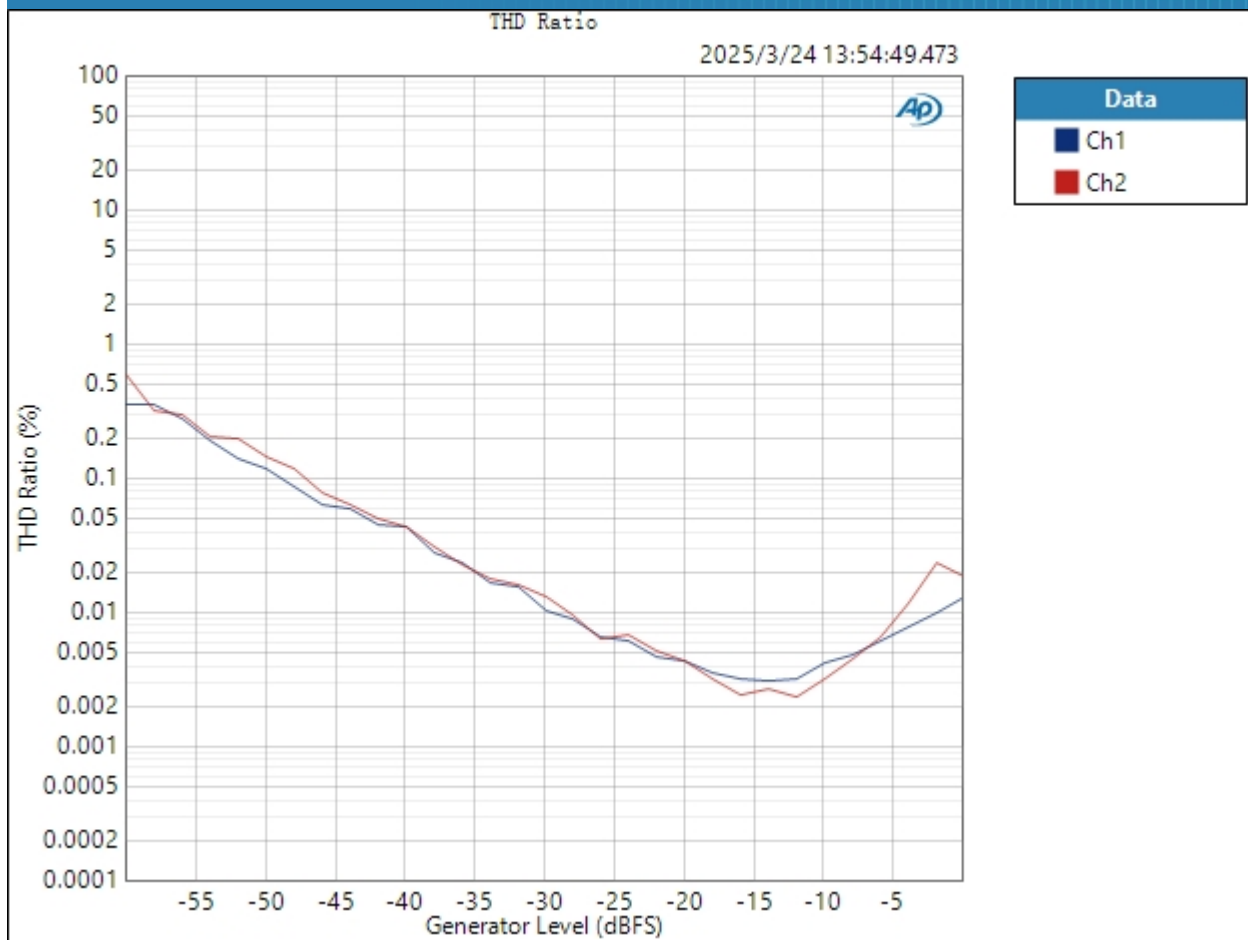
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Result: PASSED

THD Ratio (2025/3/24 13:54:49.473)

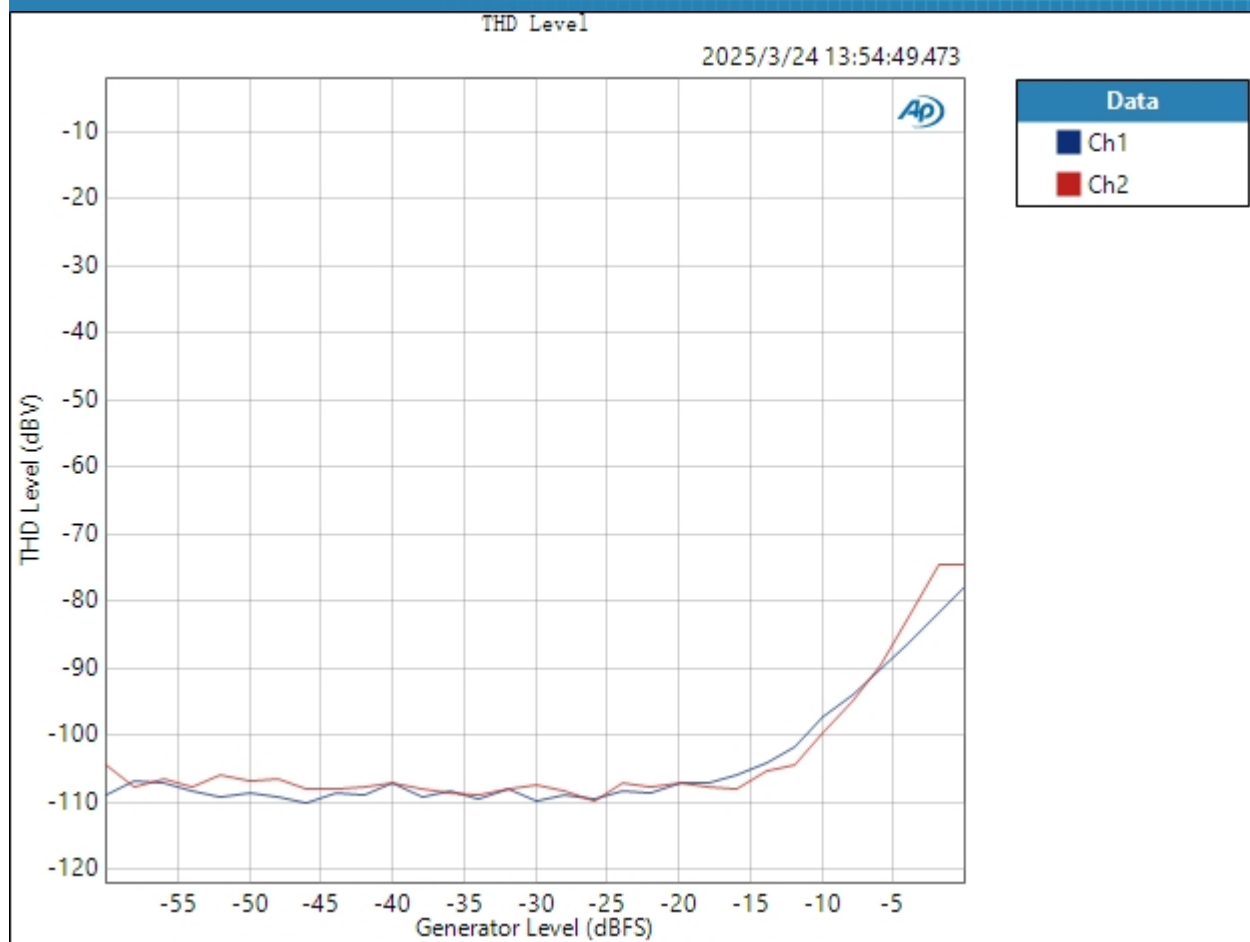
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Result: PASSED

THD Level (2025/3/24 13:54:49.473)

Sequence Report



Result: PASSED

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Signal Path1 : Stepped Frequency Sweep

Generator Level: -0.000 dBFS

DC Offset: 0.000 D

EQ: None

Start Frequency: 20.0000 kHz

Stop Frequency: 20.0000 Hz

Step Type: Logarithmic

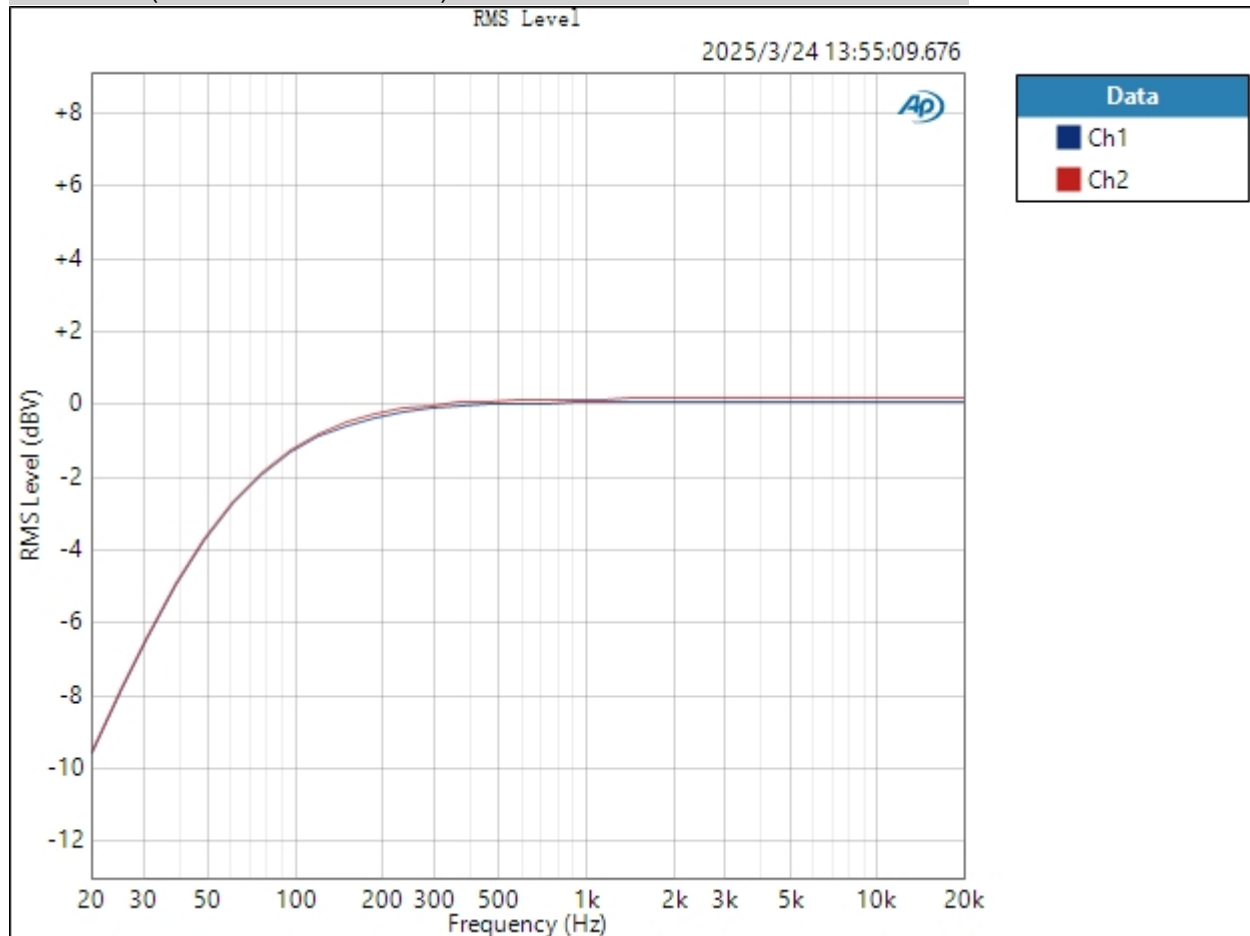
Number of Points: 32

Weighting Filter: A-wt.

Phase Ref Channel: Ch1

Measured 1 2025/3/24 13:55:09

RMS Level (2025/3/24 13:55:09.676)



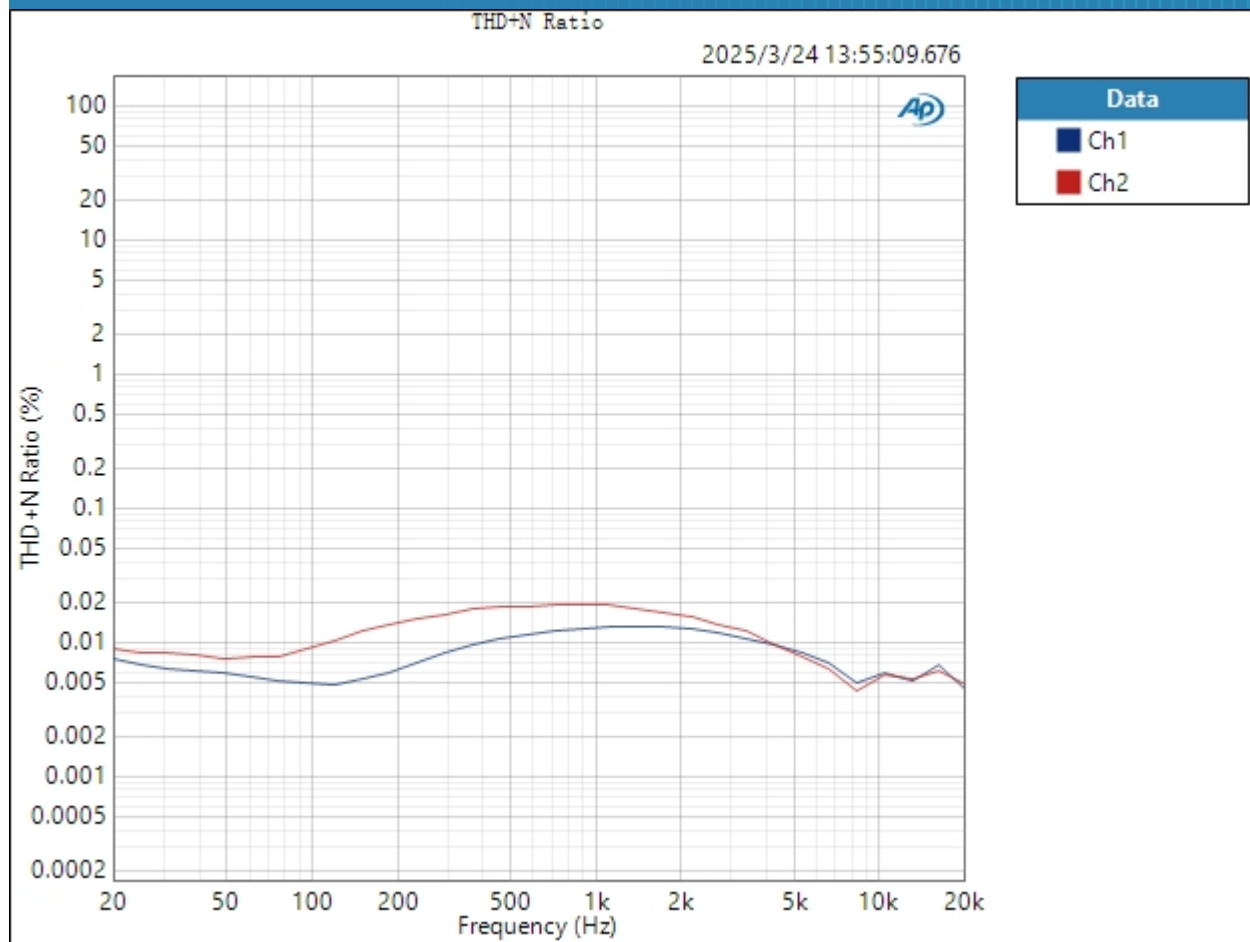
Result: PASSED

THD+N Ratio (2025/3/24 13:55:09.676)

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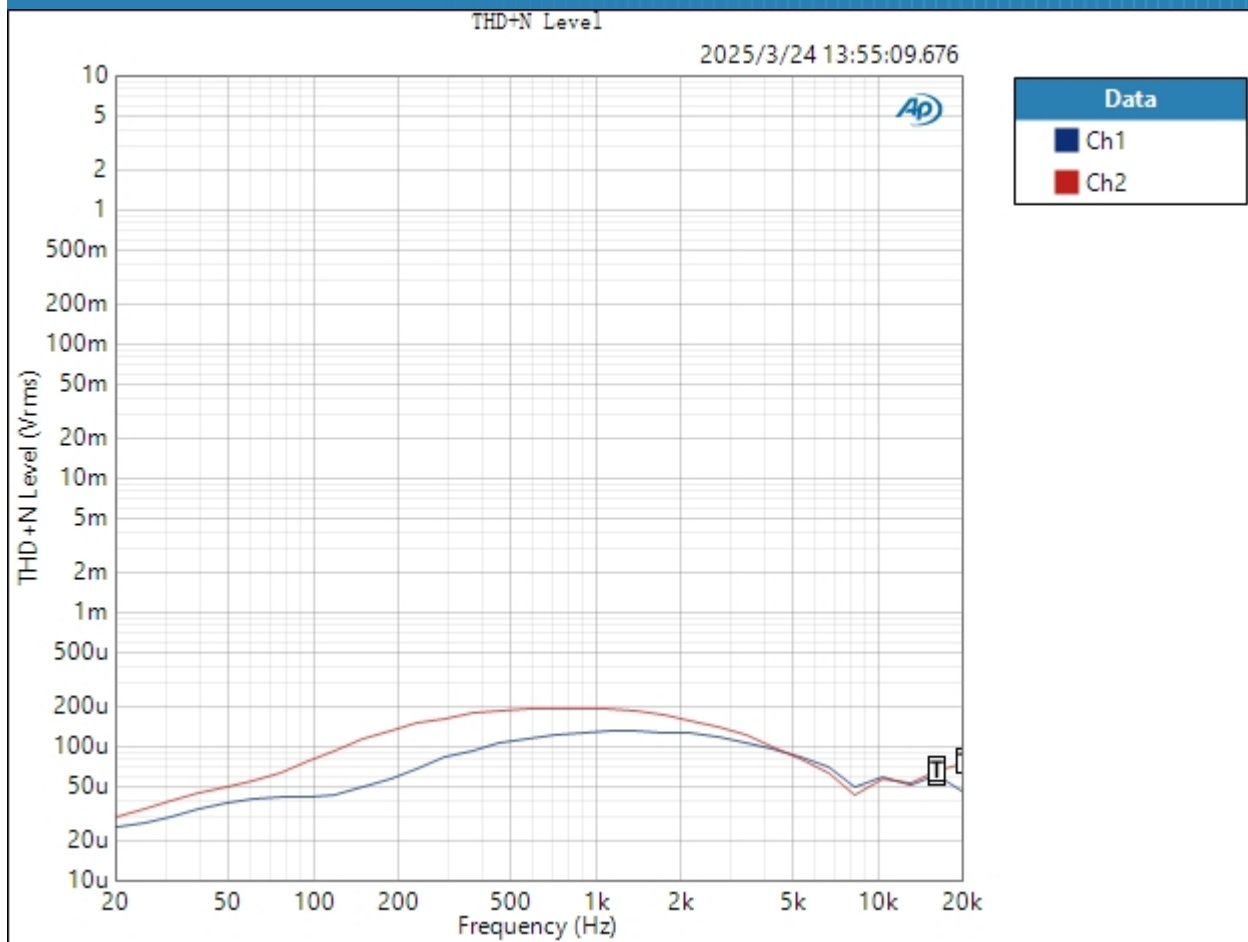
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Result: PASSED

THD+N Level (2025/3/24 13:55:09.676)

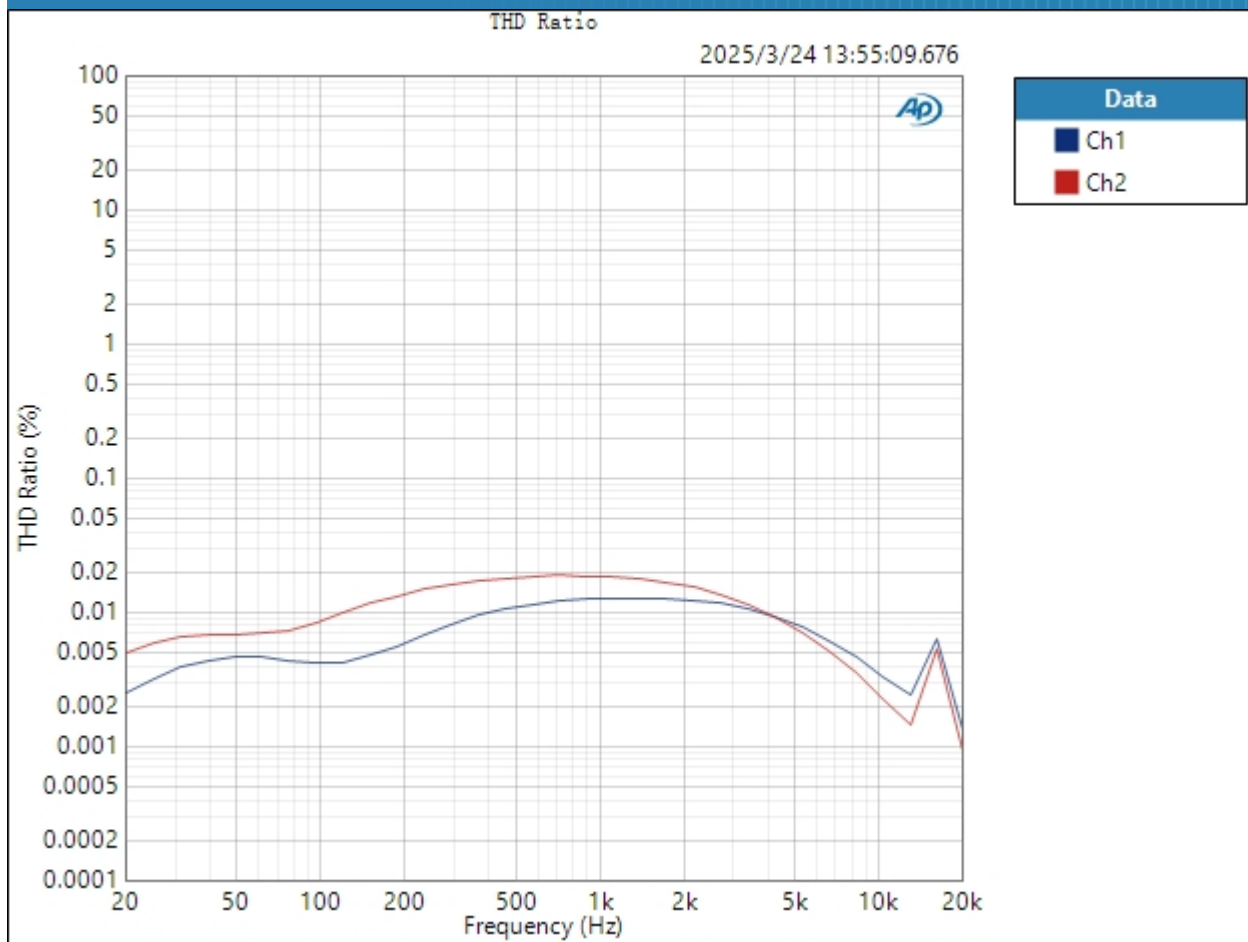
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Result: PASSED

THD Ratio (2025/3/24 13:55:09.676)

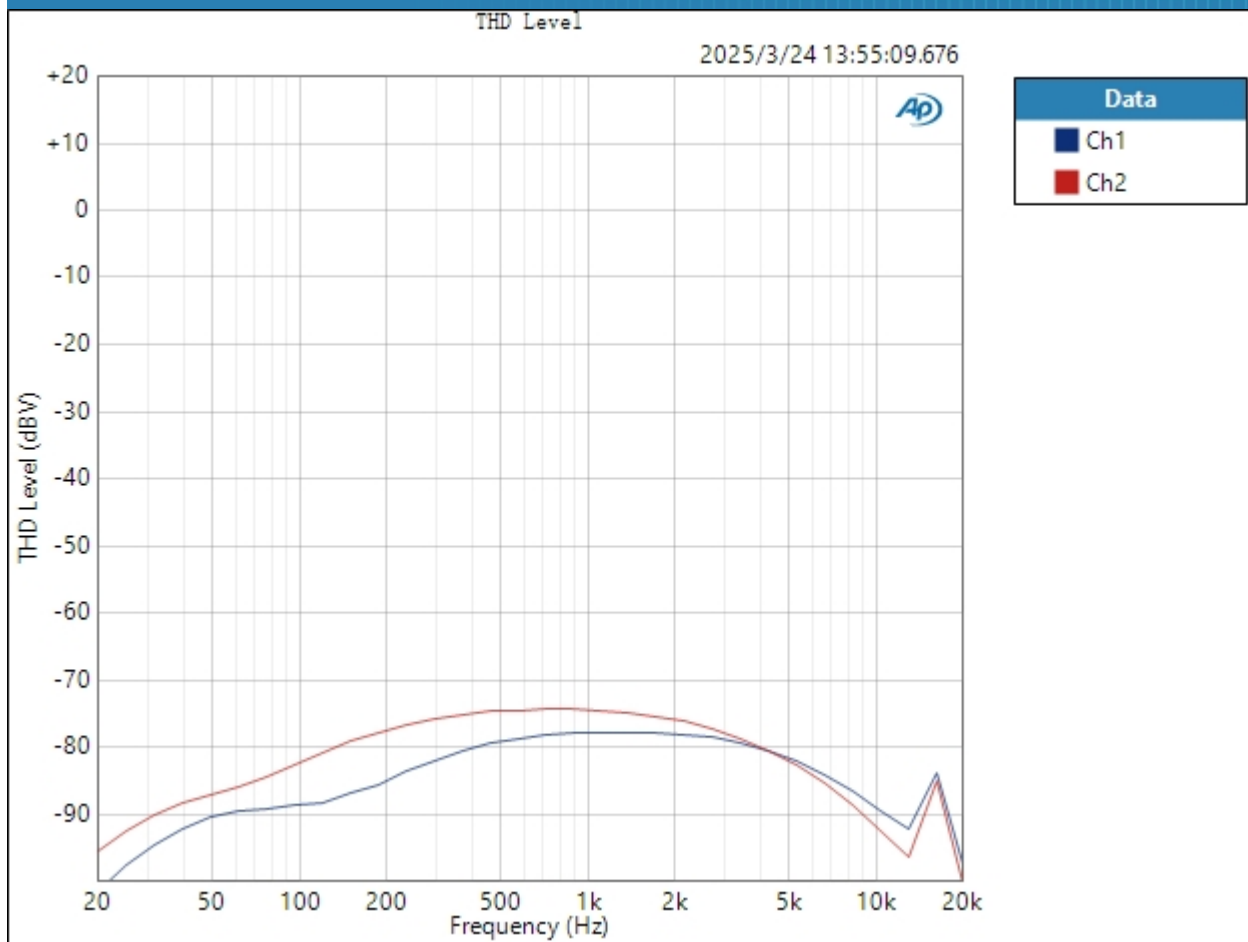
Sequence Report



Result: PASSED

THD Level (2025/3/24 13:55:09.676)

Sequence Report



Result: PASSED