

Sequence Report



Summary

Signal Path1

Level and Gain	✓ PASSED
THD+N	✓ PASSED
Frequency Response	✓ PASSED
Signal to Noise Ratio	✓ PASSED
Crosstalk, One Channel Undriven	✓ PASSED
Interchannel Phase	✓ PASSED
Stepped Level Sweep	✓ PASSED

Sequence Result:

Sequence Result: ✓ PASSED

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Signal Path1 : Signal Path Setup

Output Connector:	Analog Unbalanced
Channels:	2
Source Impedance:	50 ohm
Auto Range:	Enabled
Output EQ:	None
Input 1:	Analog Balanced
Measure:	Auto
Channels:	Auto (2 Channels)
Ch1	Data from Ch1, Sensitivity = 0.00 dB, Gain = 0.00 dB
Ch2	Data from Ch2, Sensitivity = 0.00 dB, Gain = 0.00 dB
Input Bandwidth:	AC (<10 Hz) - 90k (192 kHz SR)
Input EQ:	None
Termination:	200 kohm
Input 2:	None
Device Delay:	0.000 s
• References	
dBr G:	100.0 mVrms
dBm (Output Power):	600.0 ohm
W(watts) (Output Power):	4.000 ohm
Shared Frequency Reference:	1.00000 kHz
Analog Input	
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):	4.000 ohm
• DCX	
DCX is not detected.	

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Signal Path1 : Level and Gain

Waveform: Sine
Generator Level: 400.0 mVrms
DC Offset: 0.000 V
Frequency: 1.00000 kHz
Low-pass Filter: Signal Path

RMS Level (3/15/2024 12:26:00.100 PM)

Ch1 251.9 W

Ch2 248.3 W

Gain (3/15/2024 12:26:00.100 PM)

Ch1 37.991 dB

Ch2 37.929 dB

Peak Level (3/15/2024 12:26:00.100 PM)

Ch1 44.91 V

Ch2 44.60 V

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Signal Path1 : THD+N

Waveform: Sine
 Generator Level: 400.0 mVrms
 DC Offset: 0.000 V
 Frequency: 1.00000 kHz
 High-pass Filter: Elliptic
 High-pass Frequency: 20 Hz
 Low-pass Filter: Elliptic
 Low-pass Frequency: 20 kHz
 Weighting Filter: A-wt.
 Notch Tuning Mode: Measured Frequency

THD+N Ratio (3/15/2024 12:26:03.836 PM)

Ch1 0.022023 %

Ch2 0.018374 %

THD+N Level (3/15/2024 12:26:03.836 PM)

Ch1 12.20 uW

Ch2 8.376 uW

THD Ratio (3/15/2024 12:26:03.836 PM)

Ch1 0.020202 %

Ch2 0.014210 %

THD Level (3/15/2024 12:26:03.836 PM)

Ch1 10.28 uW

Ch2 5.015 uW

Noise Ratio (3/15/2024 12:26:03.836 PM)

Ch1 0.008649 %

Ch2 0.011892 %

Noise Level (3/15/2024 12:26:03.836 PM)

Ch1 1.885 uW

Ch2 3.513 uW

Distortion Product Ratio (3/15/2024 12:26:03.836 PM)

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	9.000k	10.00k
Ch1	-0.00	-90.67	-78.83	-78.46	-82.46	-95.91	-95.06	-87.65	-85.60	-88.57
	1.000k	2.000k	3.000k	4.000k	5.000k	6.000k	7.000k	8.000k	9.000k	10.00k
Ch2	-0.00	-85.61	-79.94	-85.41	-88.69	-97.13	-89.95	-91.96	-92.65	-95.89

Distortion Product Ratio Parameters

Frequency Unit: Hz

Ratio Unit: dB

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Channel: Ch1

Distortion Product Level (3/15/2024 12:26:03.836 PM)

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	9.000k	10.00k
Ch1	251.9	215.9 n	3.302 u	3.588 u	1.428 u	64.67 n	78.63 n	432.7 n	694.1 n	349.8 n
	1.000k	2.000k	3.000k	4.000k	5.000k	6.000k	7.000k	8.000k	9.000k	10.00k
Ch2	248.4	683.2 n	2.519 u	715.3 n	335.9 n	48.04 n	251.4 n	158.3 n	134.9 n	63.97 n

Distortion Product Level Parameters

Frequency Unit: Hz

Level Unit: W

Channel: Ch1

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Signal Path1 : Frequency Response

Start Frequency: 5.00000 Hz

Stop Frequency: 40.0000 kHz

Generator Level: 400.0 mVrms

DC Offset: 0.000 V

EQ: None

Pre-Sweep: 0.000 s

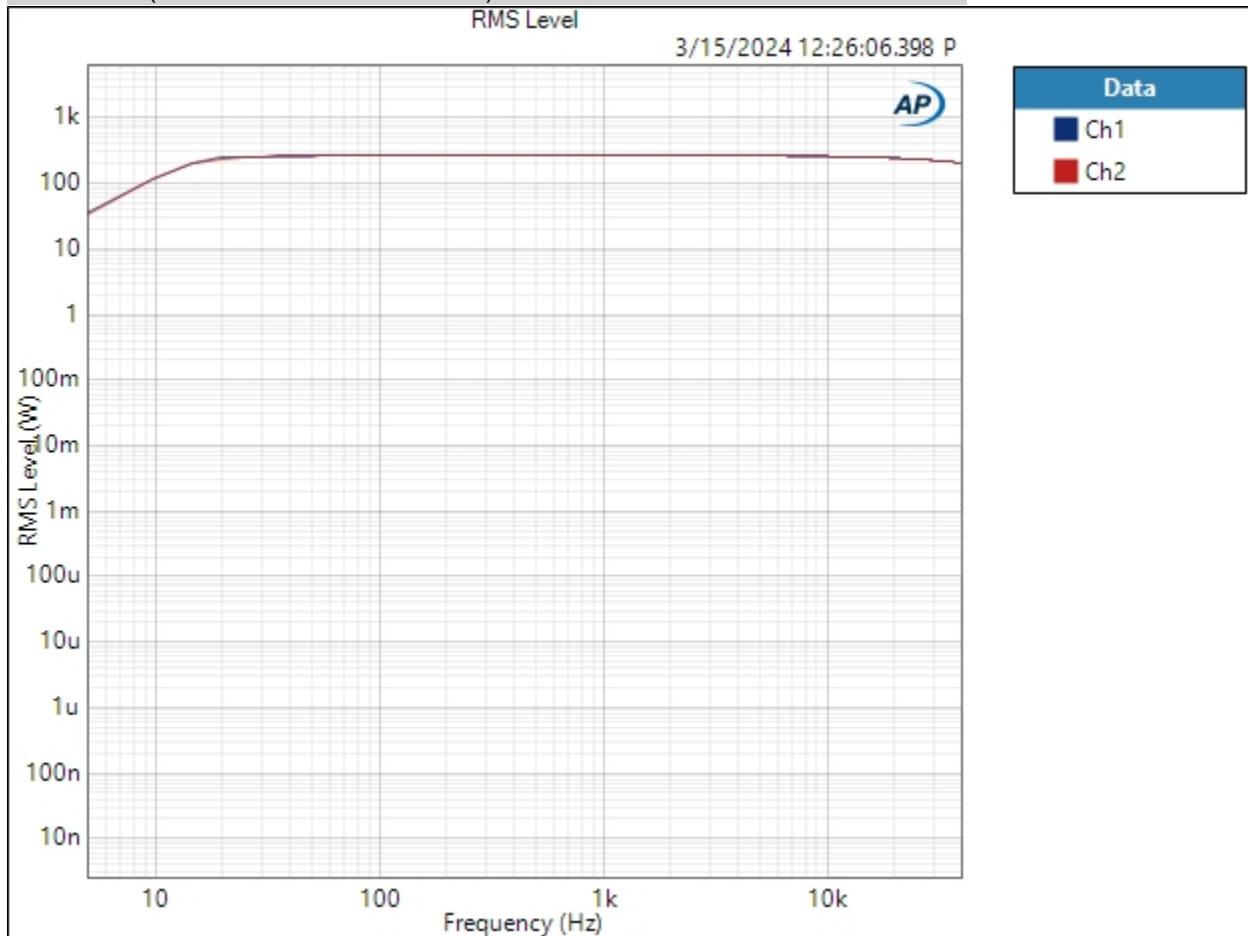
Sweep: 350.0 ms

Extend Acquisition By: 50.00 ms

Secondary Source: None

Measured 1 3/15/2024 12:26:06 PM

RMS Level (3/15/2024 12:26:06.398 PM)

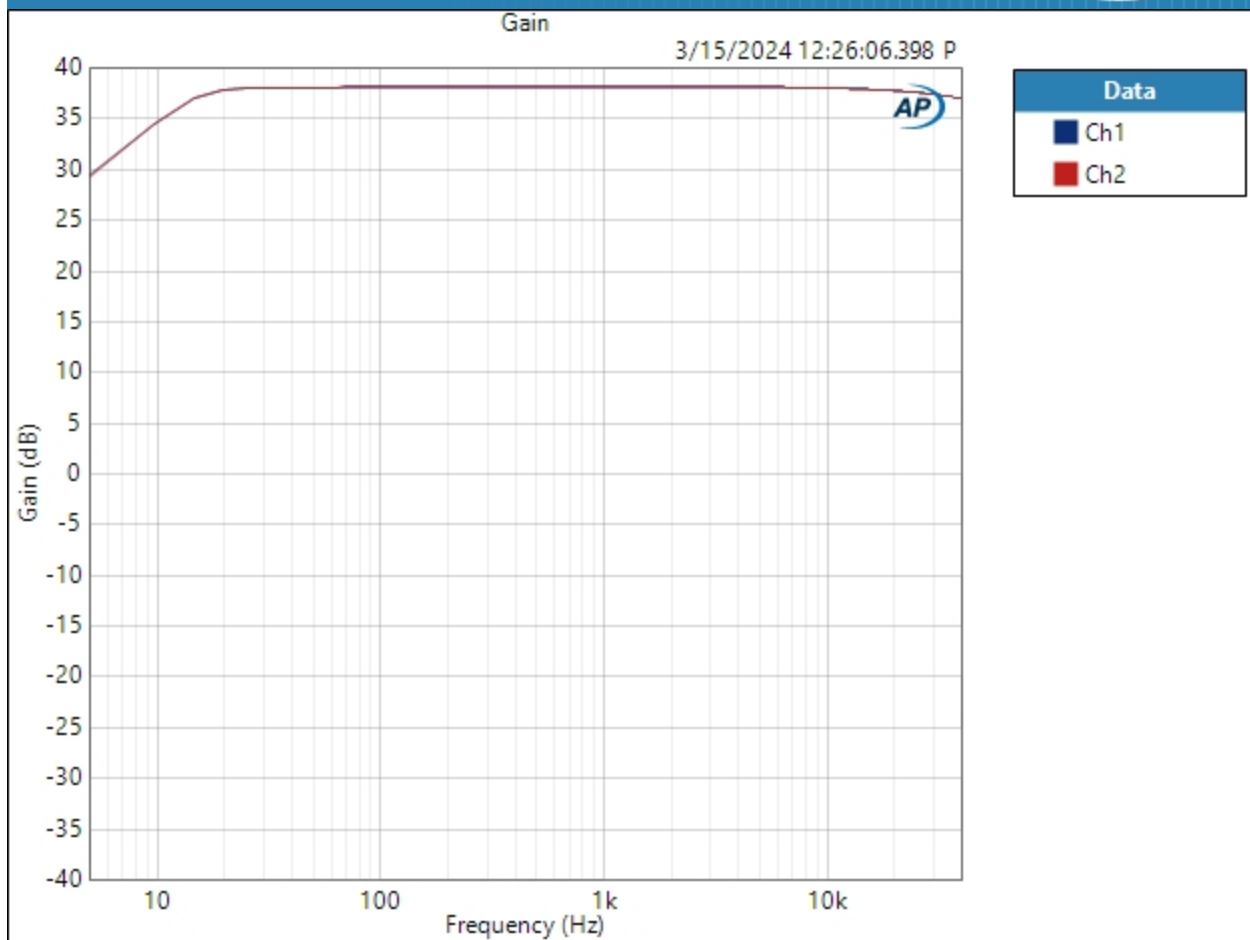


Result: PASSED

Gain (3/15/2024 12:26:06.398 PM)

3/15/2024 12:26 PM

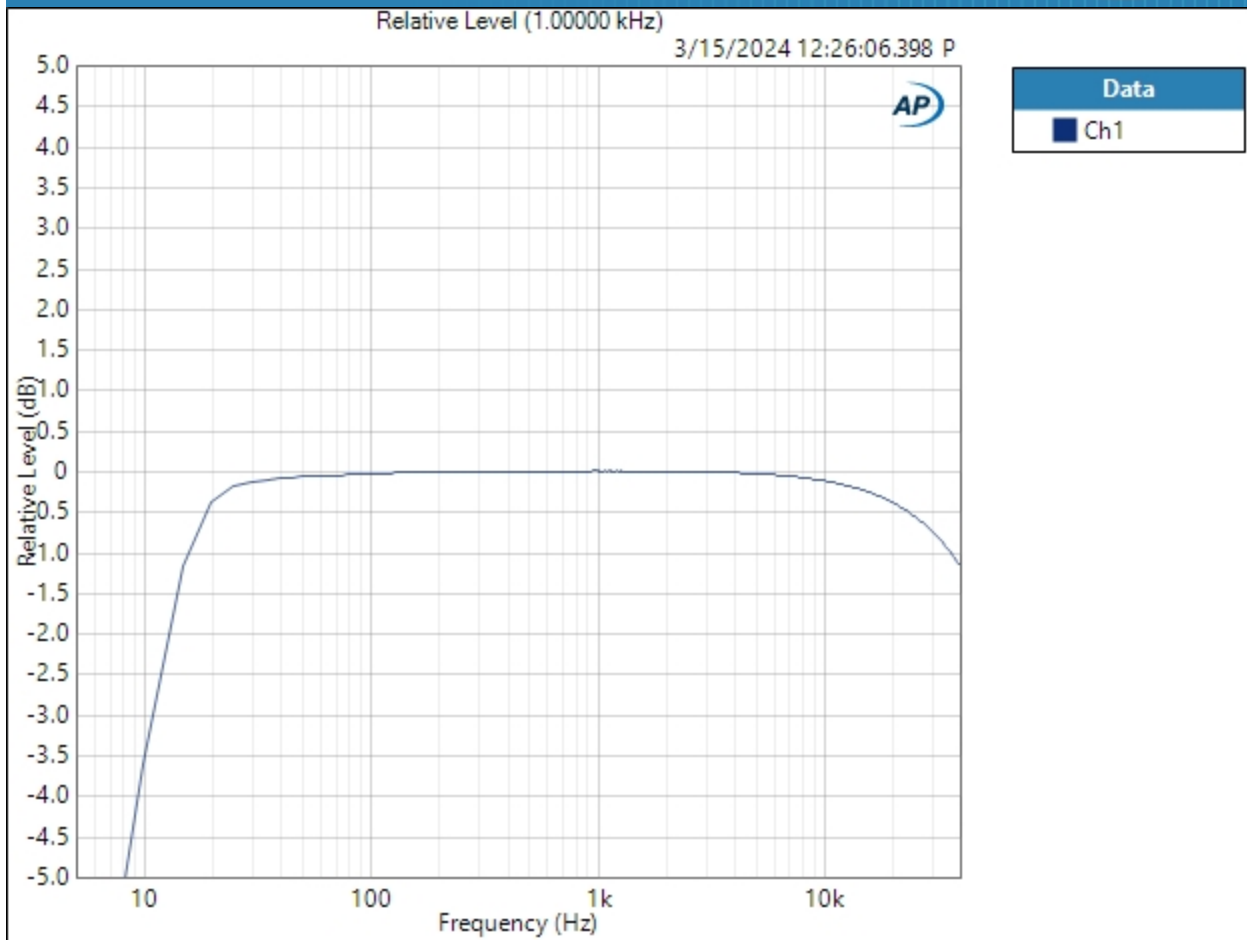
Sequence Report



Result: PASSED

Relative Level (1.00000 kHz) (3/15/2024 12:26:06.398 PM)

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Relative Level (1.00000 kHz) Parameters

Mode: Normalized at Reference

Ref Frequency: 1.00000 kHz

Result: PASSED

Deviation (20.0000 Hz - 20.0000 kHz) (3/15/2024 12:26:06.398 PM)

Ch1 ± 0.197 dB

Ch2 ± 0.202 dB

Deviation (20.0000 Hz - 20.0000 kHz) Parameters

Min: 20.0000 Hz

Max: 20.0000 kHz

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Signal Path1 : Signal to Noise Ratio

Waveform: Sine
Generator Level: 400.0 mVrms
DC Offset: 0.000 V
Frequency: 1.00000 kHz
High-pass Filter: Elliptic
High-pass Frequency: 20 Hz
Low-pass Filter: Elliptic
Low-pass Frequency: 20 kHz
Weighting Filter: A-wt.

Signal to Noise Ratio (3/15/2024 12:26:09.842 PM)

Ch1 97.845 dB

Ch2 95.194 dB

Signal Path1 : Crosstalk, One Channel Undriven

Waveform: Sine
Generator Level: 400.0 mVrms
DC Offset: 0.000 V
Frequency: 10.0000 kHz

Crosstalk (3/15/2024 12:26:12.513 PM)

Ch1 -55.546 dB

Ch2 -54.209 dB

Signal Path1 : Interchannel Phase

Waveform: Sine
Generator Level: 400.0 mVrms
DC Offset: 0.000 V
Frequency: 1.00000 kHz
Reference Channel: Ch1
Meter Range: -90 -> 270 deg

Phase (3/15/2024 12:26:15.076 PM)

Ch1 ---- deg

Ch2 +0.015 deg

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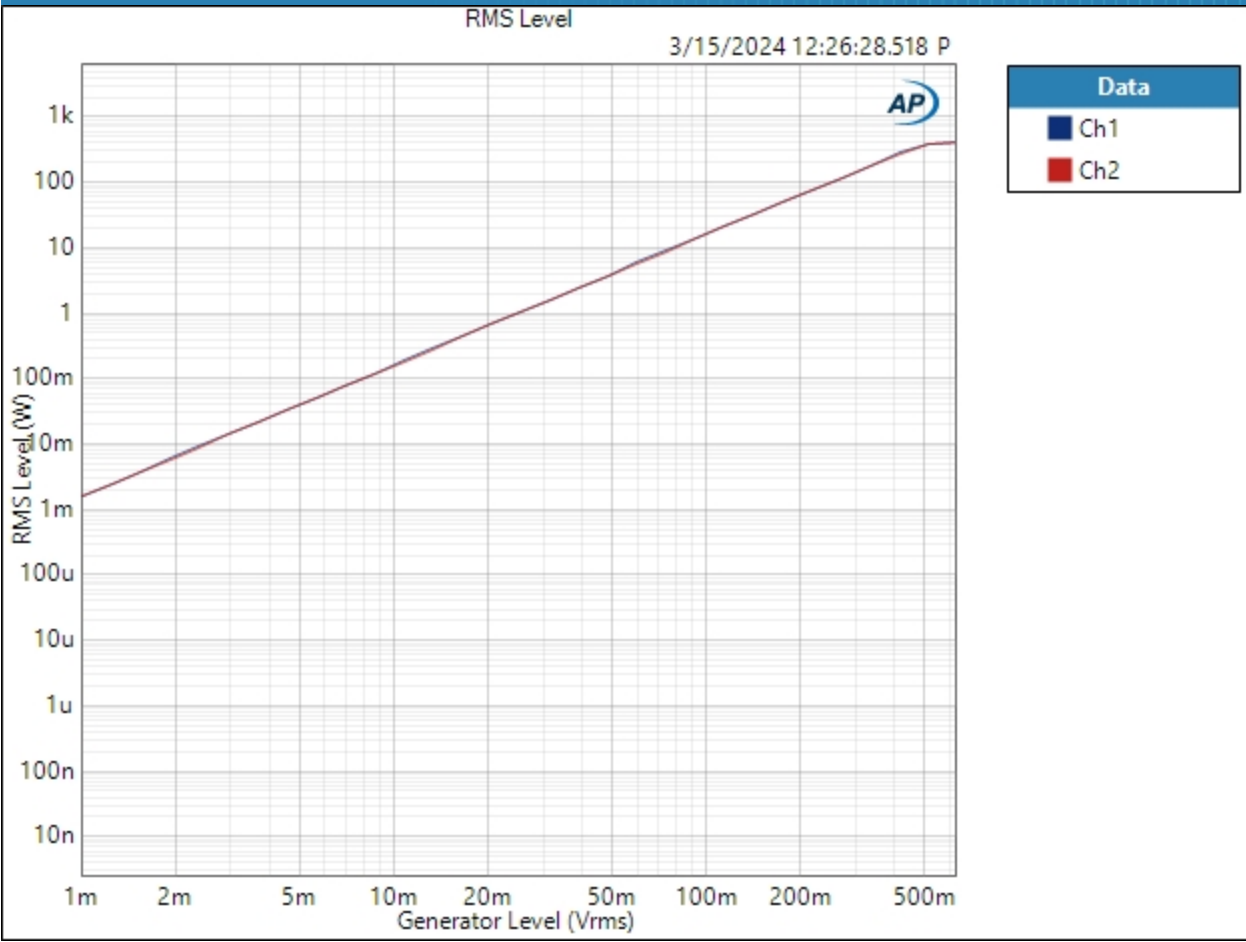


Signal Path1 : Stepped Level Sweep

Waveform: Sine
Frequency: 1.00000 kHz
Start Level: 1.000 mVrms
Stop Level: 630.0 mVrms
Step Type: Logarithmic
Number of Points: 31
Offset: 0.000 V
High-pass Filter: Elliptic
High-pass Frequency: 20 Hz
Low-pass Filter: Elliptic
Low-pass Frequency: 20 kHz
Weighting Filter: A-wt.
Notch Tuning Mode: Generator Frequency
Measured 1 3/15/2024 12:26:28 PM

RMS Level (3/15/2024 12:26:28.518 PM)

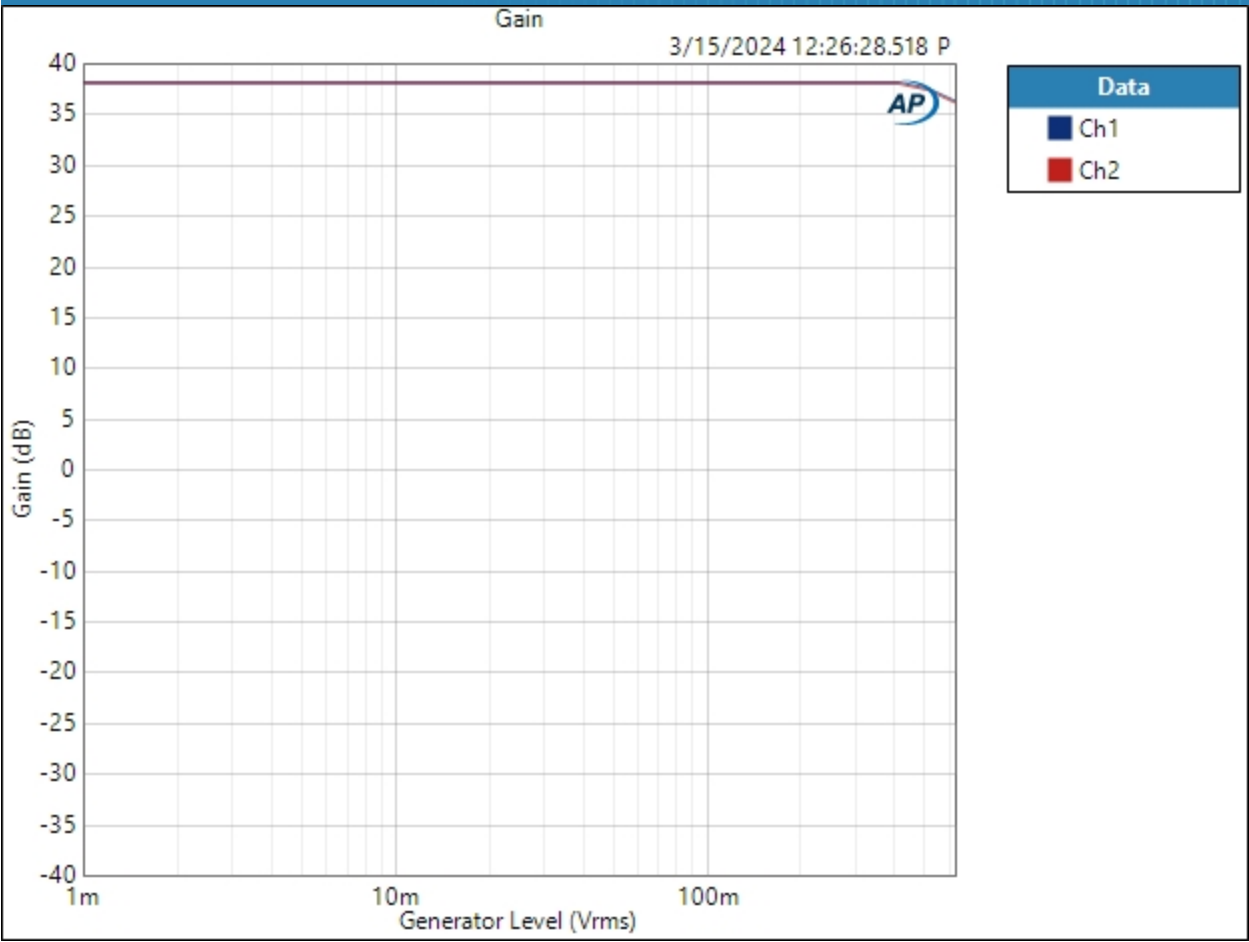
Sequence Report



Result: PASSED

Gain (3/15/2024 12:26:28.518 PM)

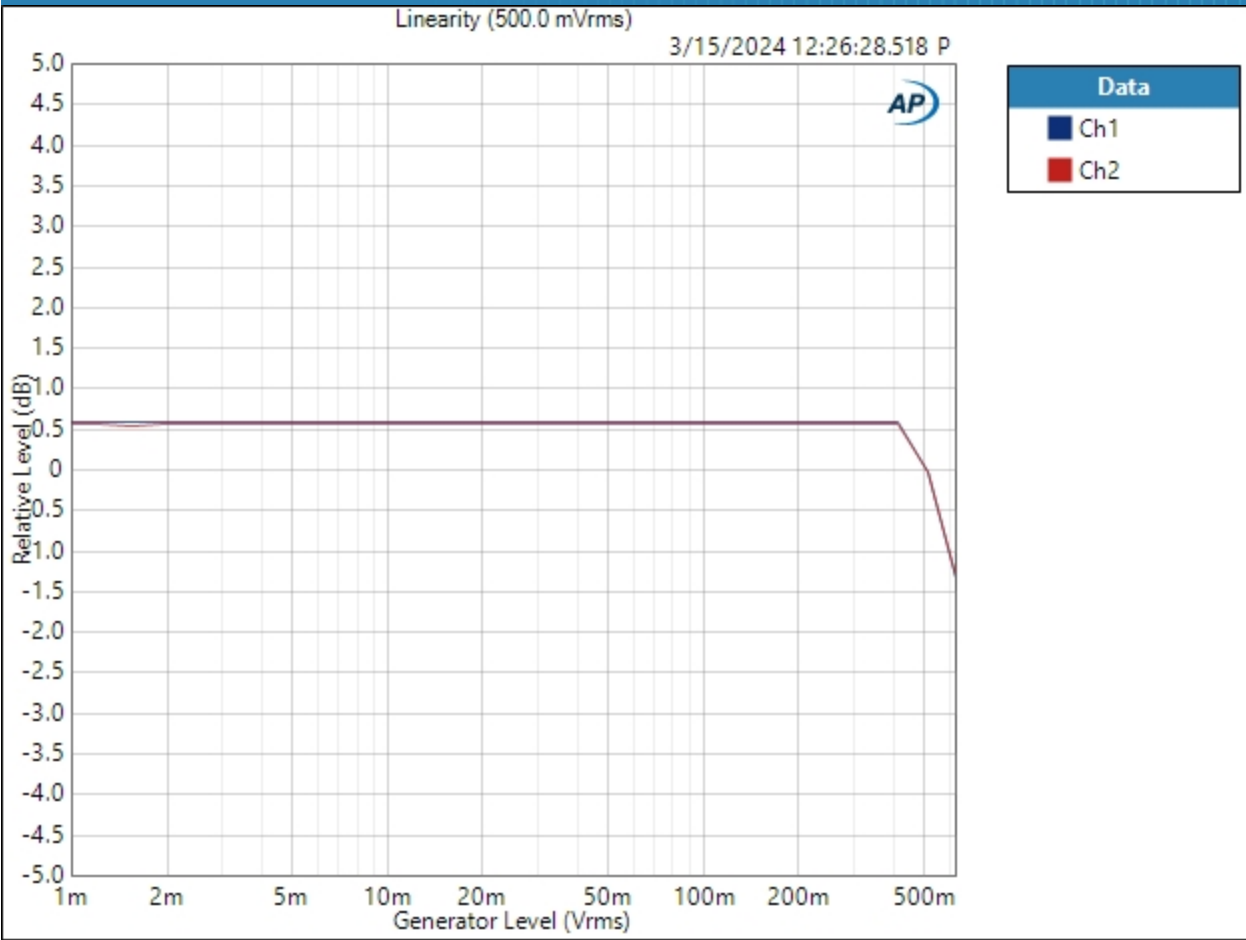
Sequence Report



Result: PASSED

Linearity (500.0 mVrms) (3/15/2024 12:26:28.518 PM)

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Linearity (500.0 mVrms) Parameters

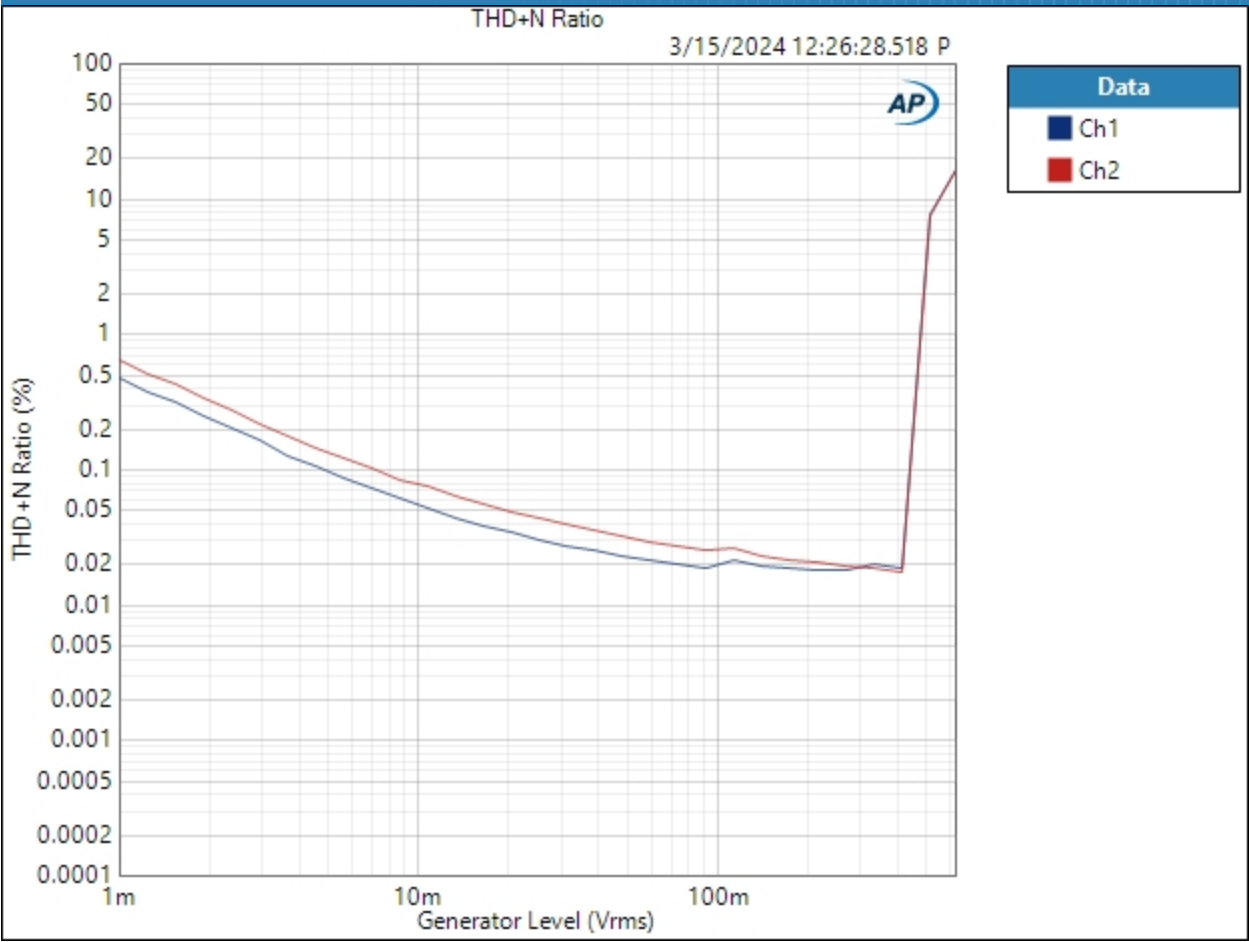
Mode: Normalized at Reference

Relative Level: 500.0 mVrms

Result: PASSED

THD+N Ratio (3/15/2024 12:26:28.518 PM)

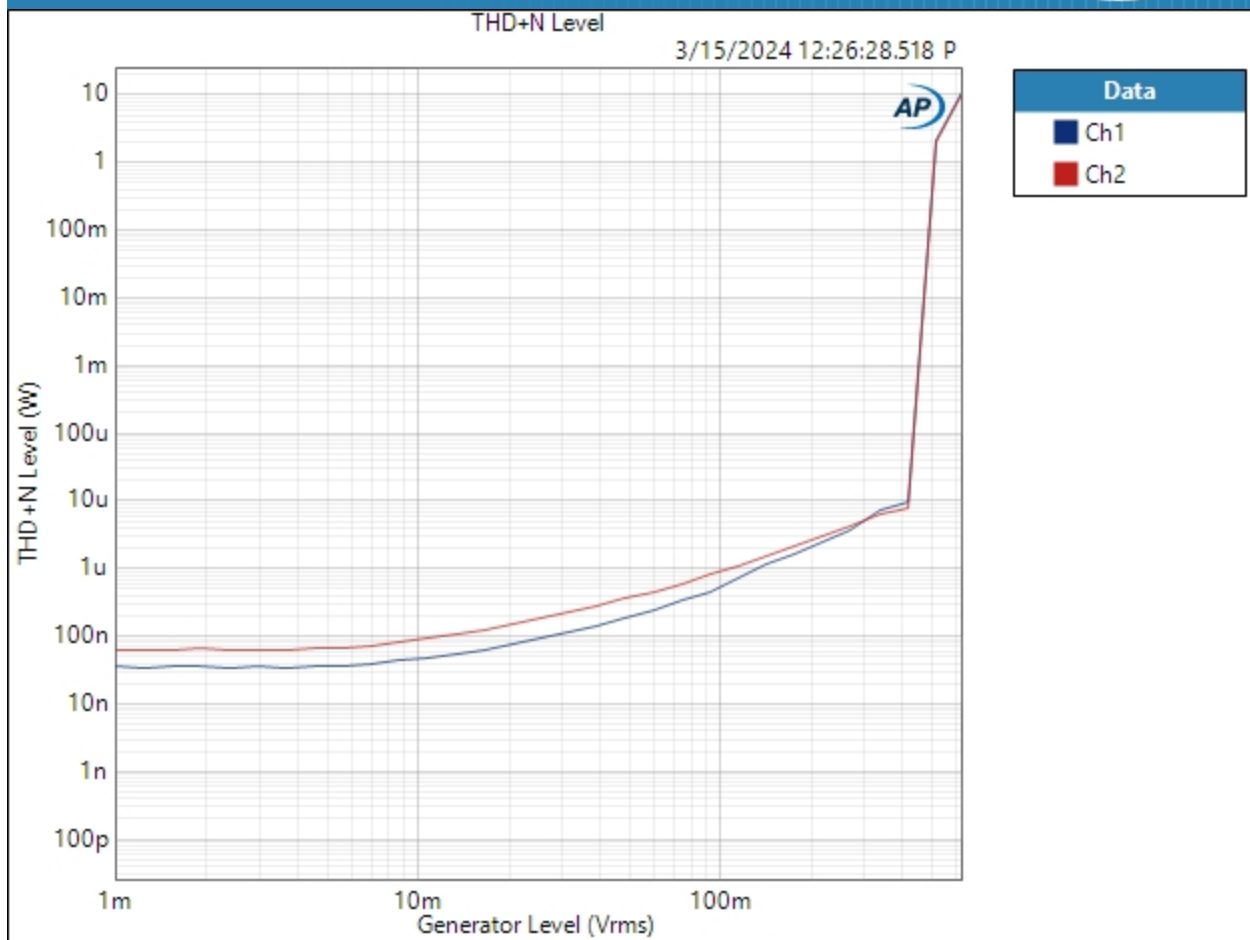
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Result: PASSED

THD+N Level (3/15/2024 12:26:28.518 PM)

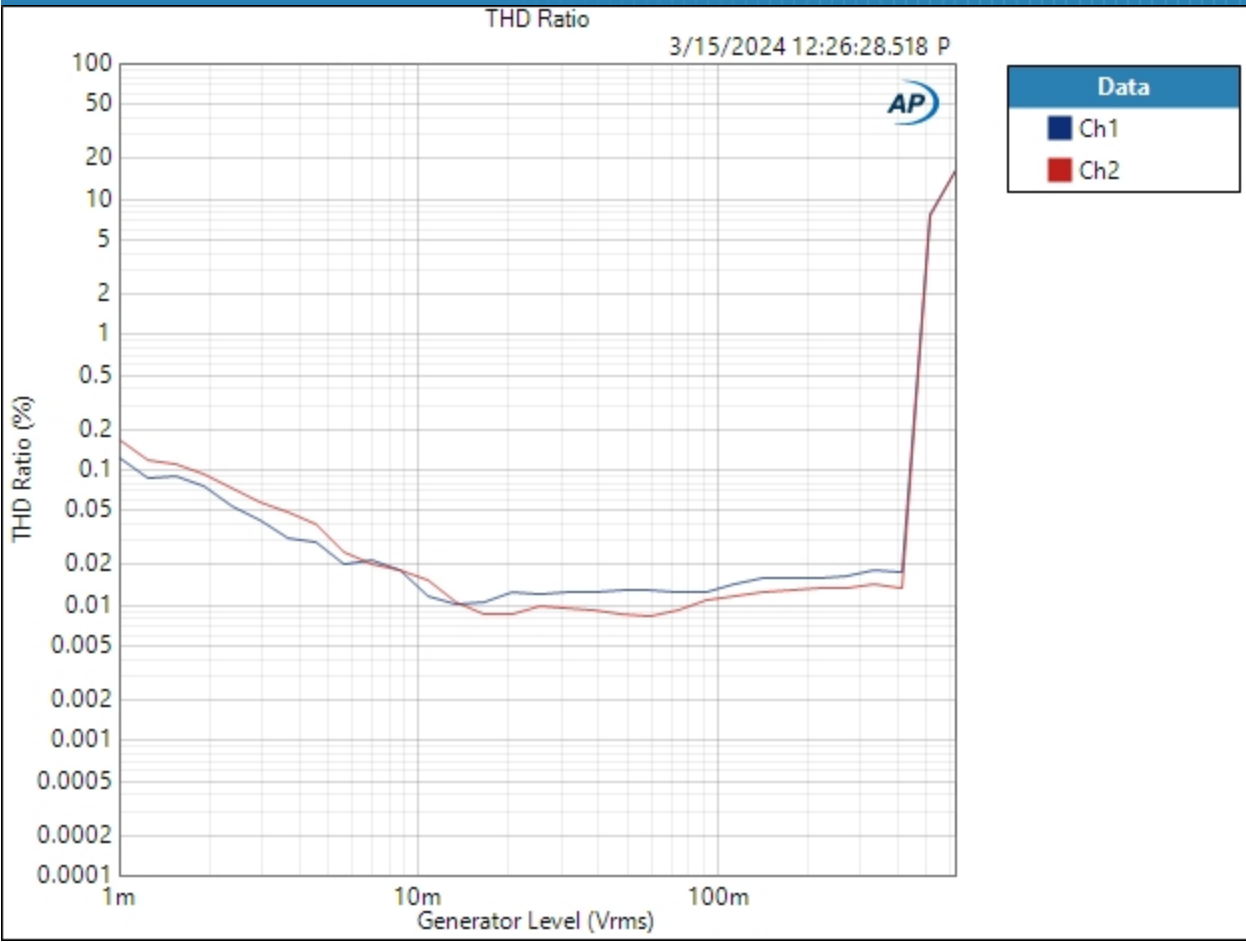
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Result: PASSED

THD Ratio (3/15/2024 12:26:28.518 PM)

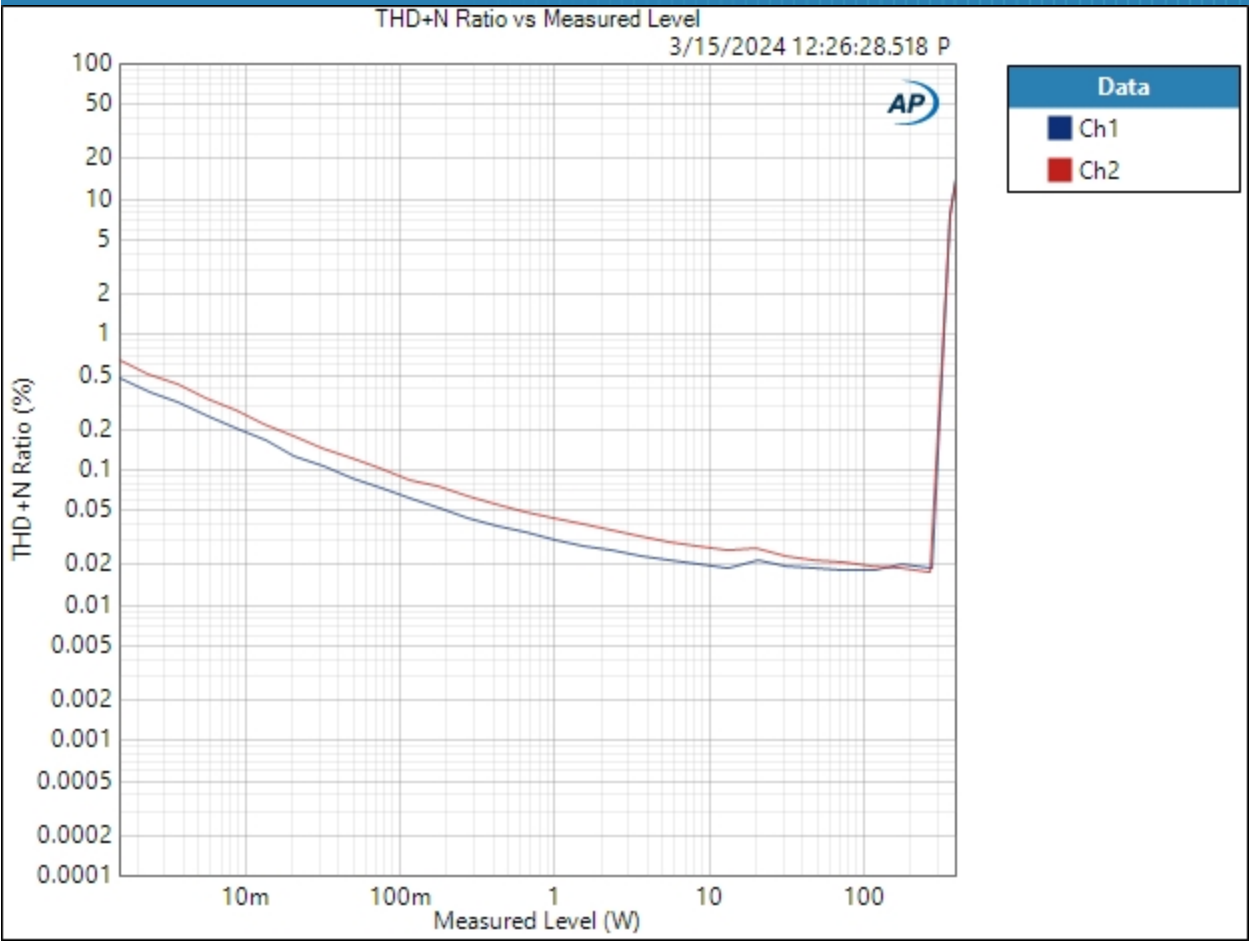
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Result: PASSED

THD Level (3/15/2024 12:26:28.518 PM)

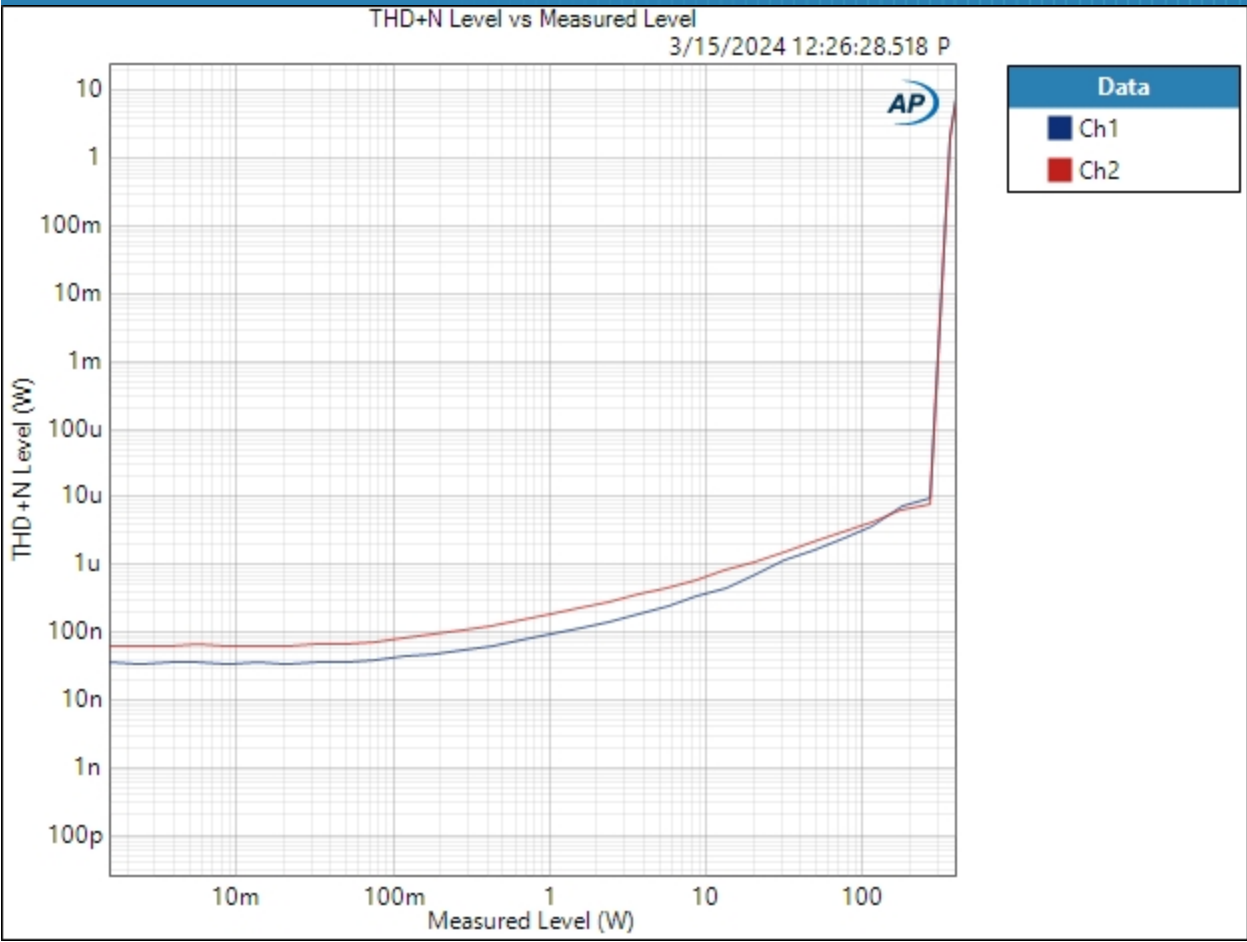




Result: PASSED

THD+N Level vs Measured Level (3/15/2024 12:26:28.518 PM)

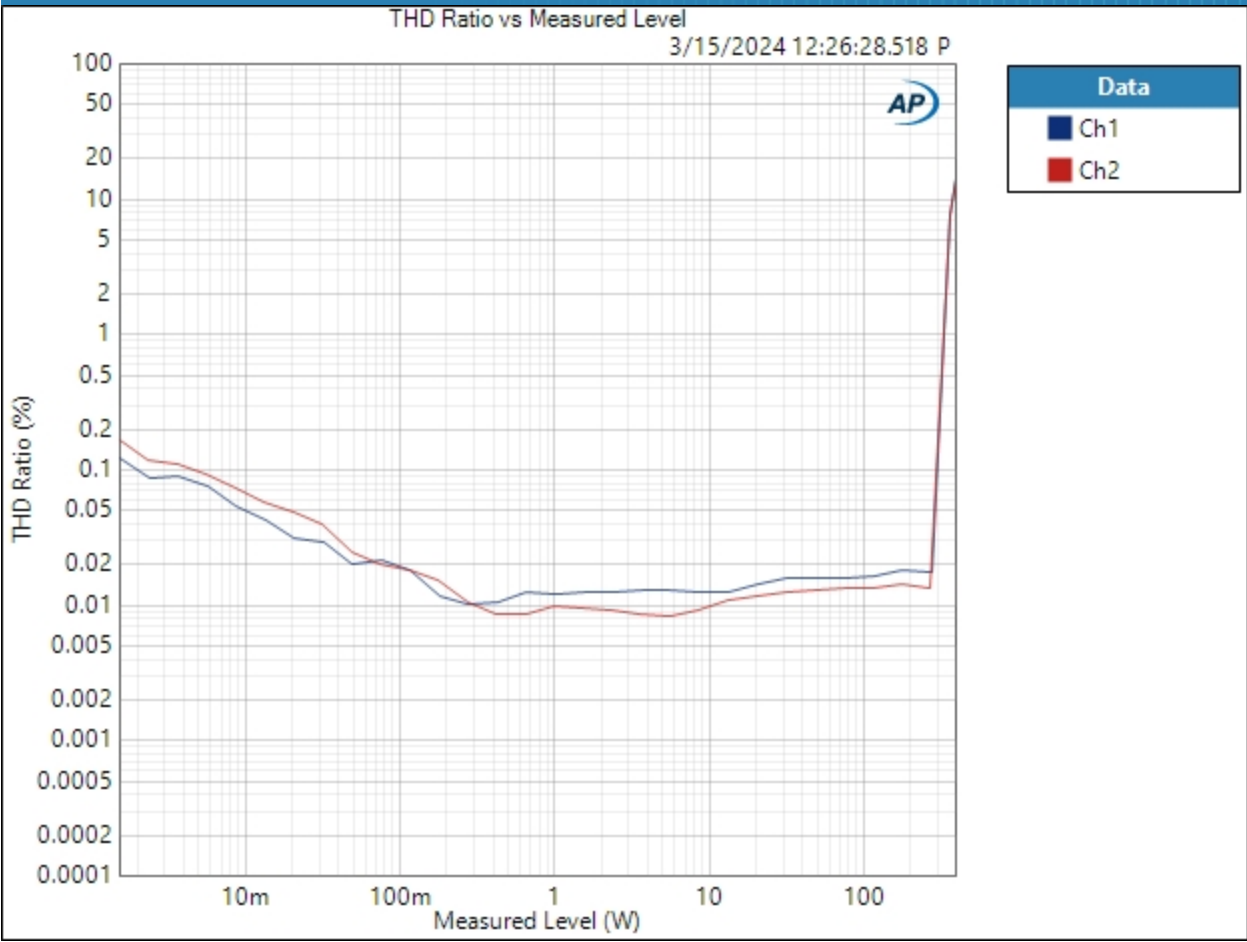
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Result: PASSED

THD Ratio vs Measured Level (3/15/2024 12:26:28.518 PM)

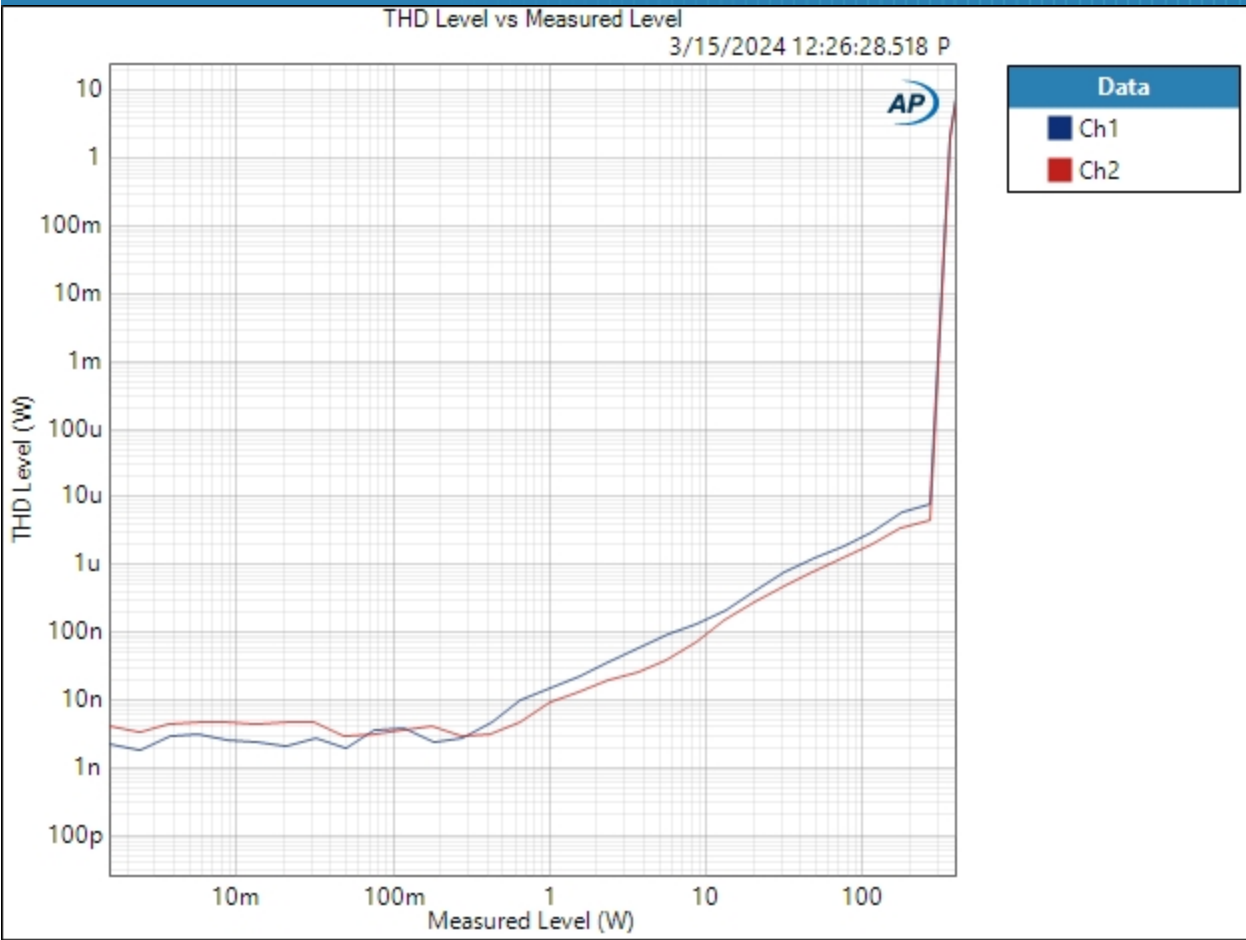
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Result: PASSED

THD Level vs Measured Level (3/15/2024 12:26:28.518 PM)

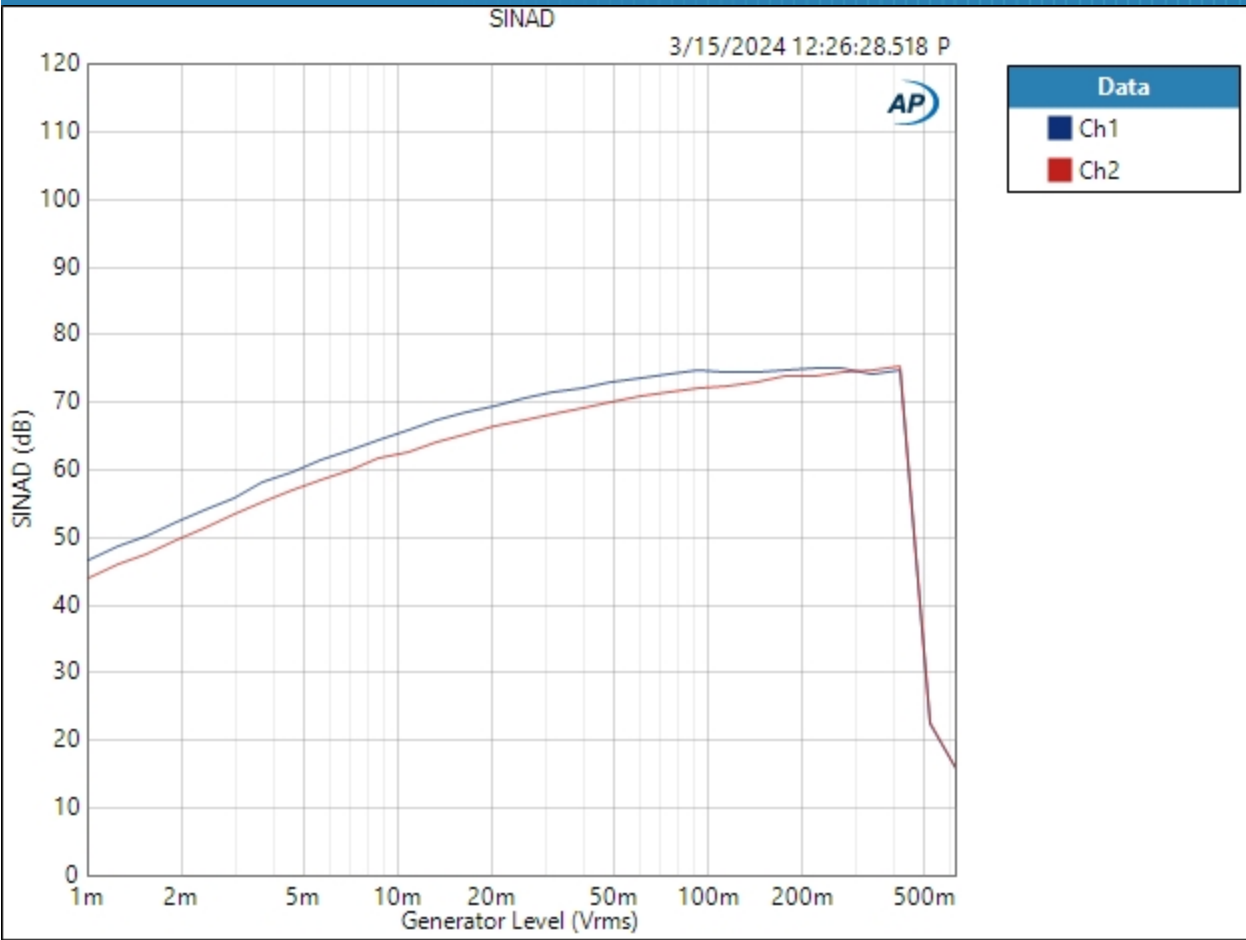
Sequence Report



Result: PASSED

SINAD (3/15/2024 12:26:28.518 PM)

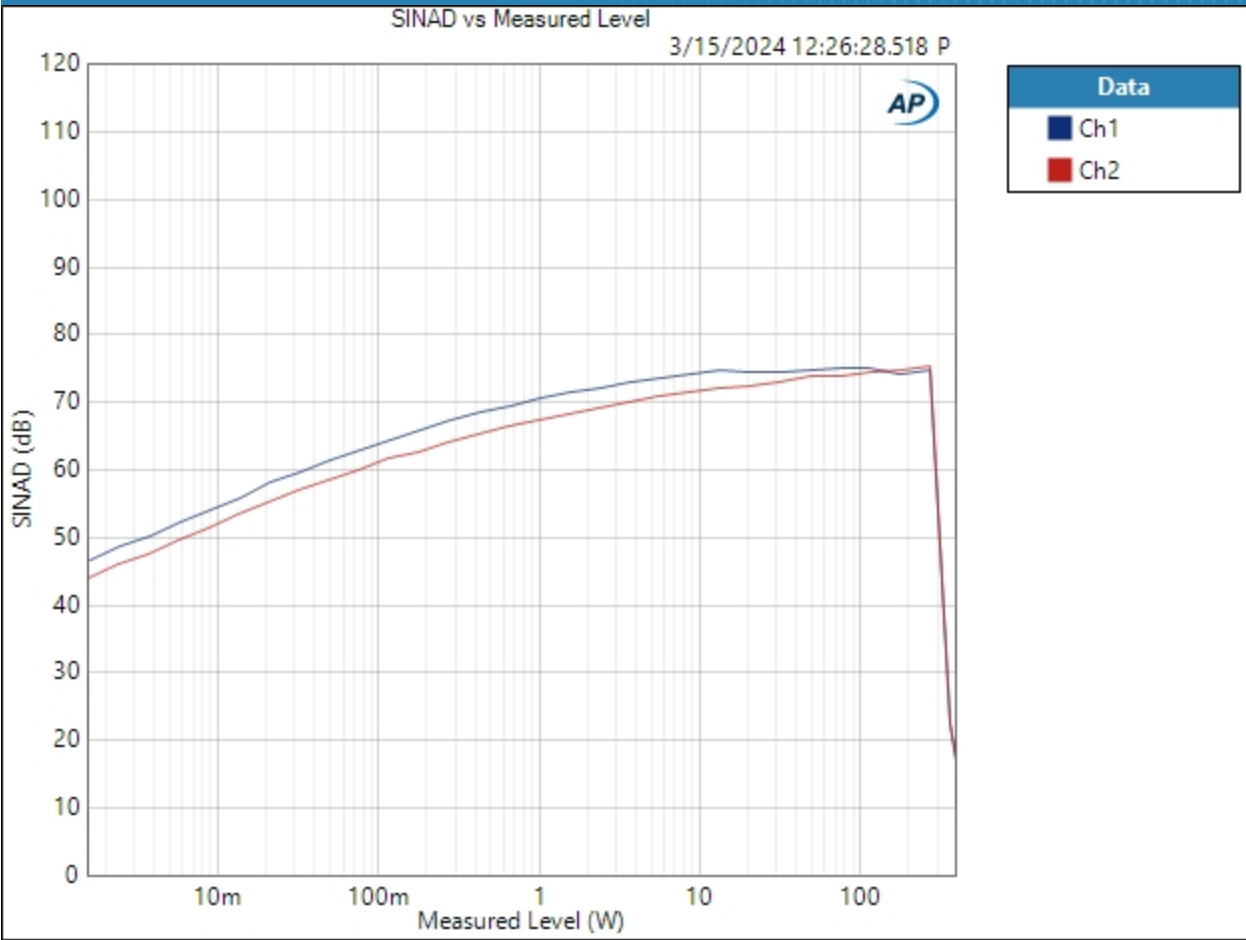
Sequence Report



Result: PASSED

SINAD vs Measured Level (3/15/2024 12:26:28.518 PM)

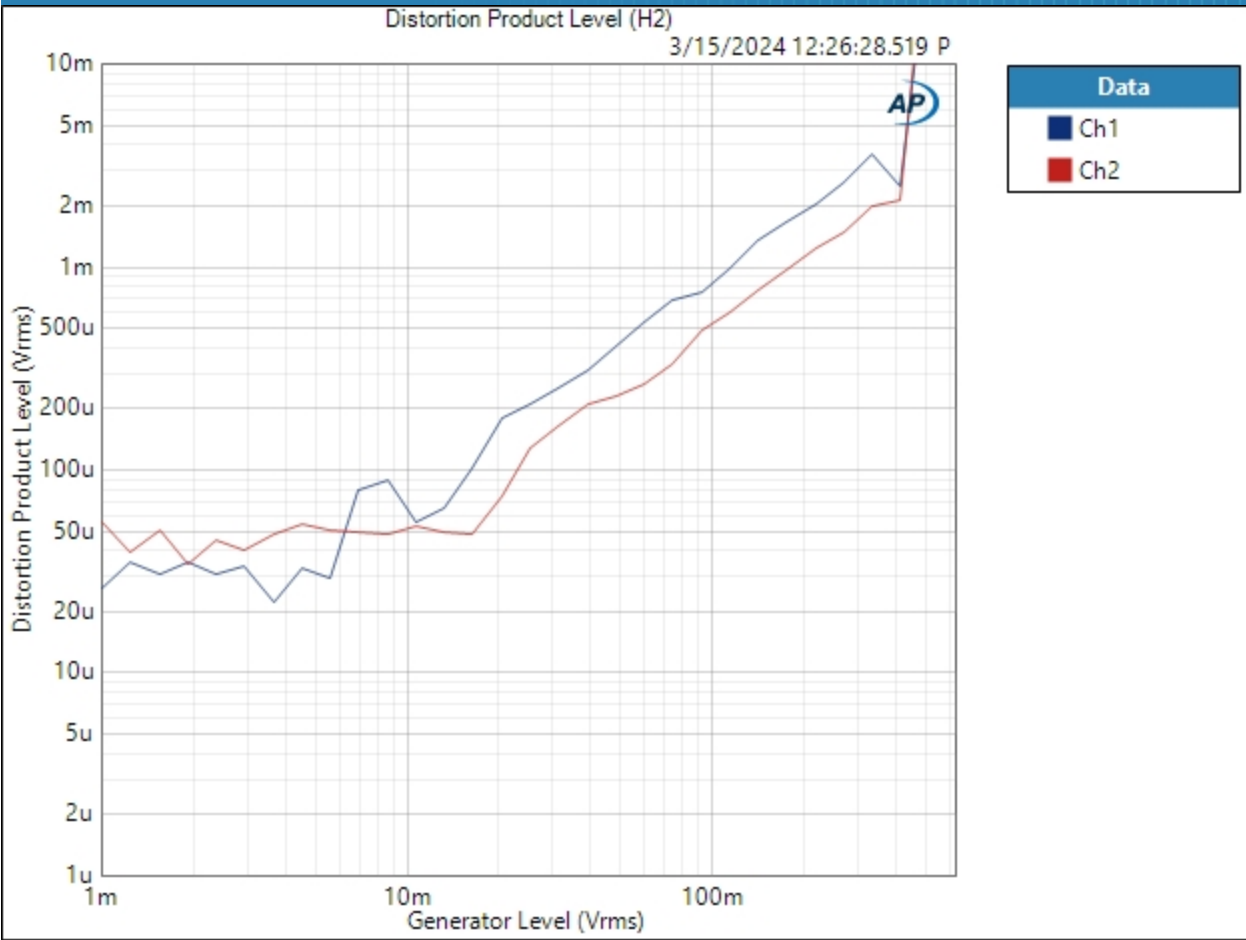
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Result: PASSED

Distortion Product Level (H2) (3/15/2024 12:26:28.519 PM)

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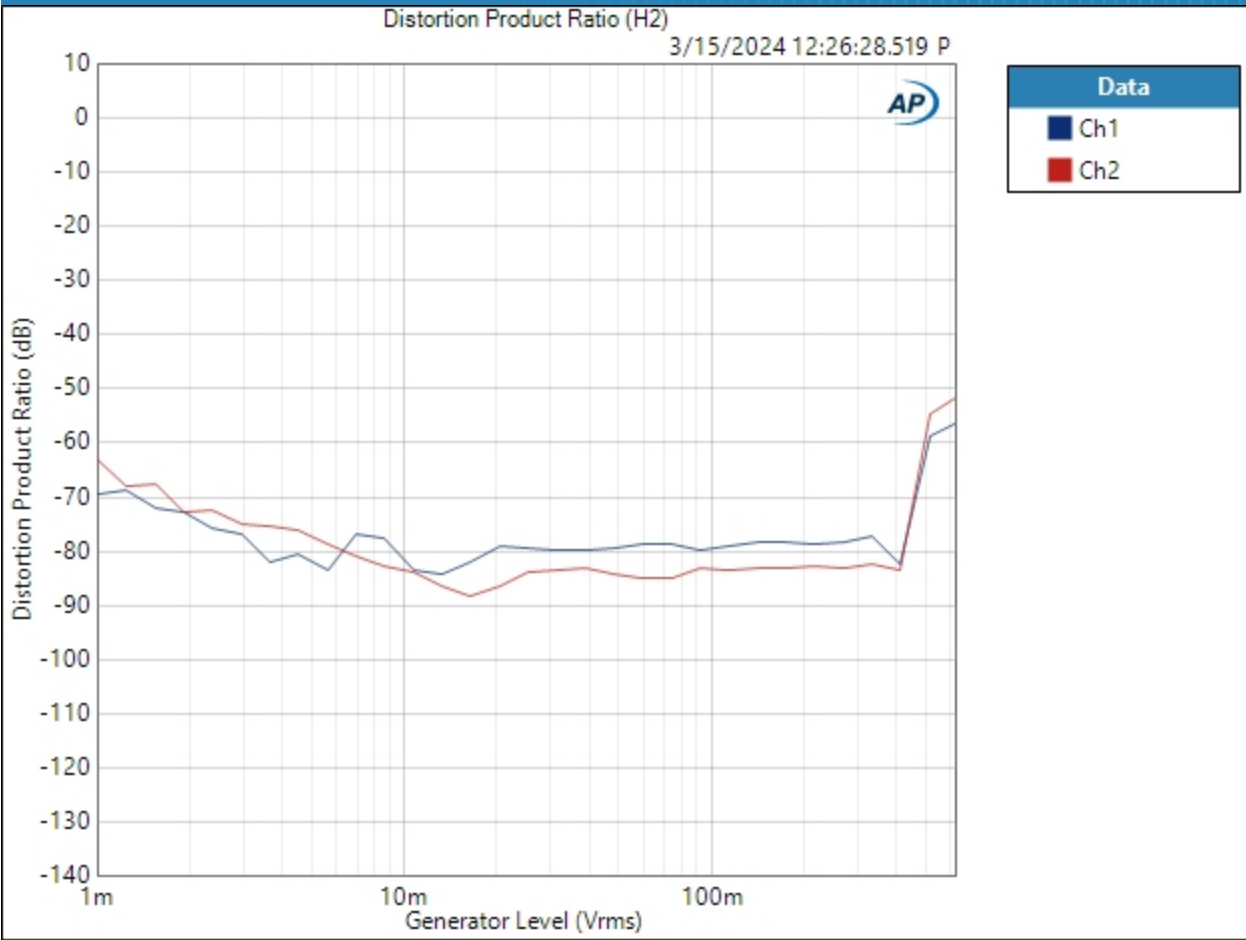
Distortion Product Level (H2) Parameters

Harmonics: Single Harmonic
Harmonic Number: 2

Result: PASSED

Distortion Product Ratio (H2) (3/15/2024 12:26:28.519 PM)

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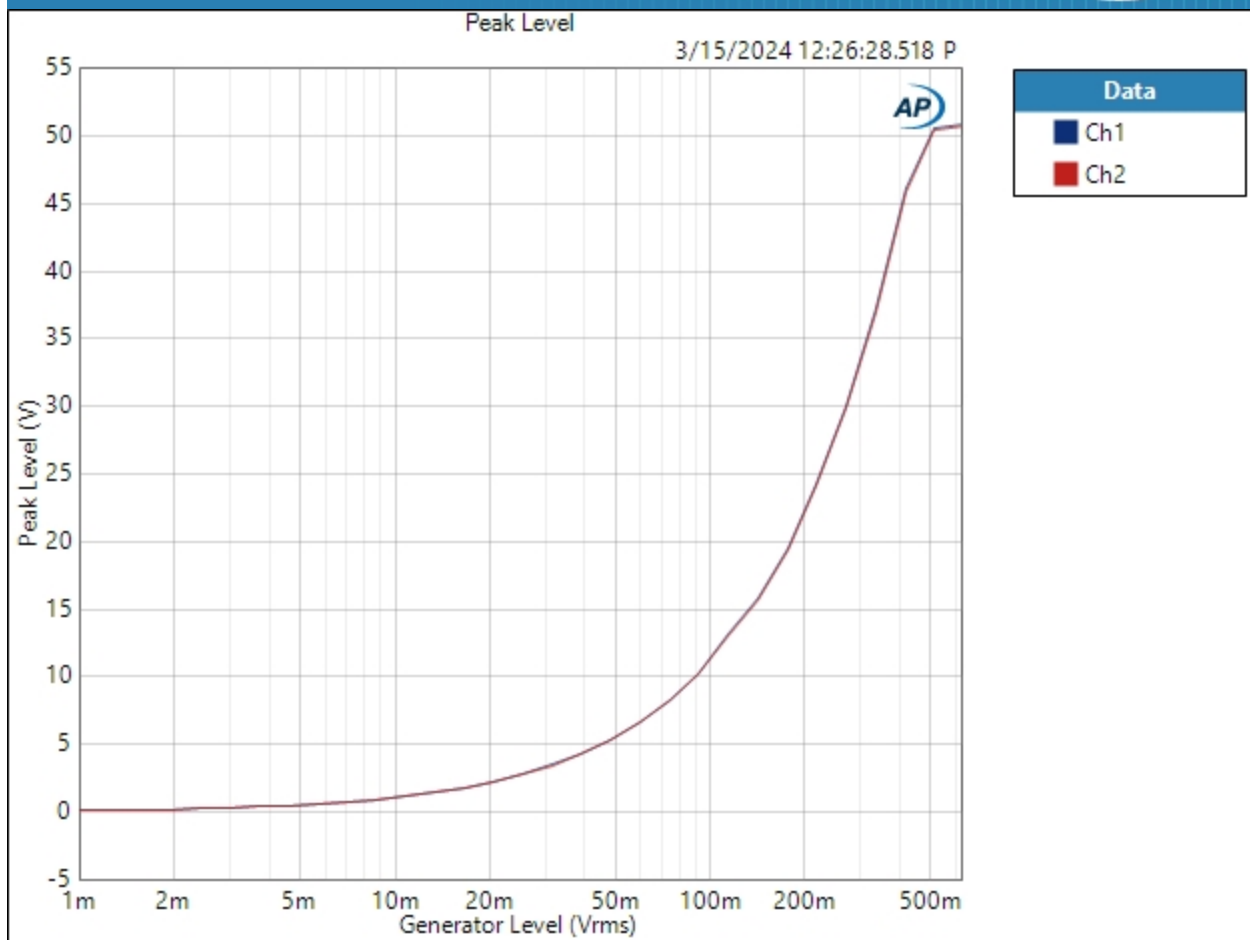
Distortion Product Ratio (H2) Parameters

Harmonics: Single Harmonic
Harmonic Number: 2

Result: PASSED

Peak Level (3/15/2024 12:26:28.518 PM)

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Result: PASSED