

Sequence Report



Pre-Sequence Inputs:

pythonw.exe

Program: pythonw.exe

Arguments: check_server.py


Expected: Server is open and accepting connections.

Actual: Server is open and accepting connections.


Result:  PASSED

Summary

Signal Path1

Acoustic Response  PASSED

Sequence Result:

Sequence Result:  PASSED

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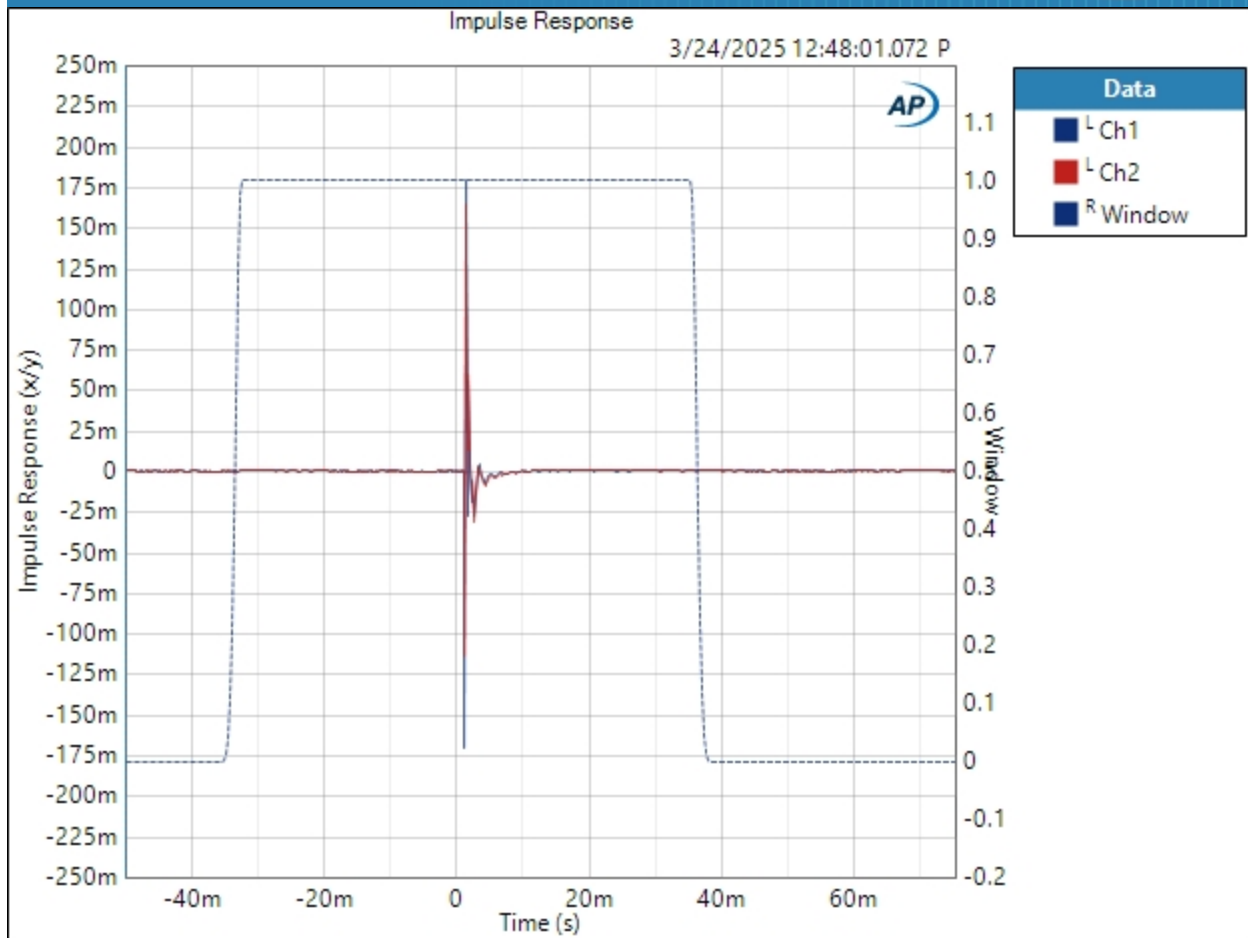


Signal Path1 : Acoustic Response

| | |
|------------------------|-----------------------|
| Start Frequency: | 20.0000 Hz |
| Stop Frequency: | 20.0000 kHz |
| Generator Level: | -20.000 dBFS |
| DC Offset: | 0.000 D |
| EQ: | None |
| Pre-Sweep: | 0.000 s |
| Sweep: | 100.0 ms |
| High-pass Filter: | DC |
| Low-pass Filter: | Signal Path |
| Measured 1 | 3/24/2025 12:48:01 PM |
| Step Type: | Log Chirp |
| Averages: | 10 |
| Window End: | 100.0 ms |
| Extend Acquisition By: | 50.00 ms |
| Secondary Source: | None |

Impulse Response (3/24/2025 12:48:01.072 PM)

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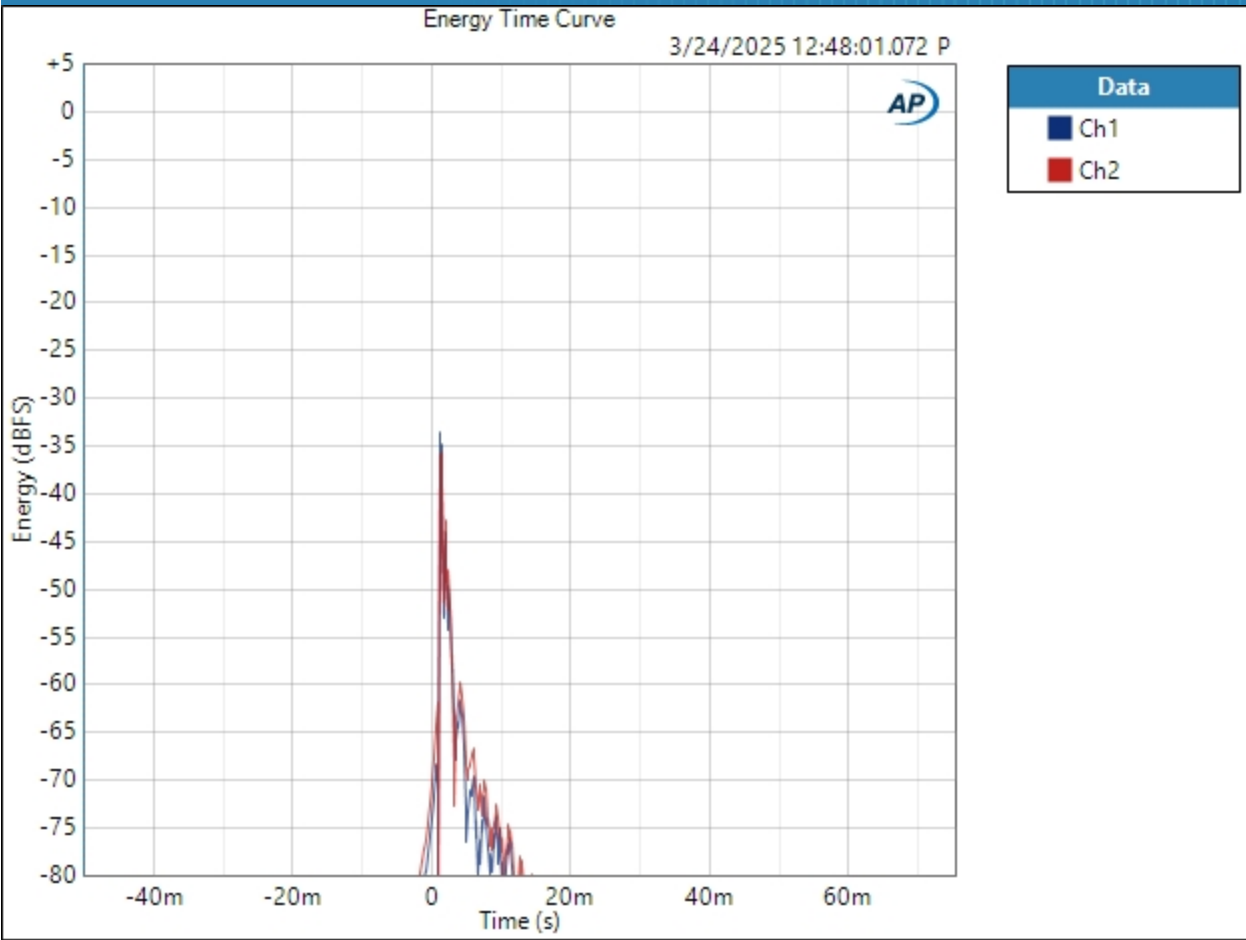
Impulse Response Parameters

Auto Window Start True
Window End: 100.0 ms
Taper Type: AP-Equiripple
Time Window: Track Peak
Taper Start: 10.000 %
Taper End: 10.000 %

Result: PASSED

Energy Time Curve (3/24/2025 12:48:01.072 PM)

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Energy Time Curve Parameters

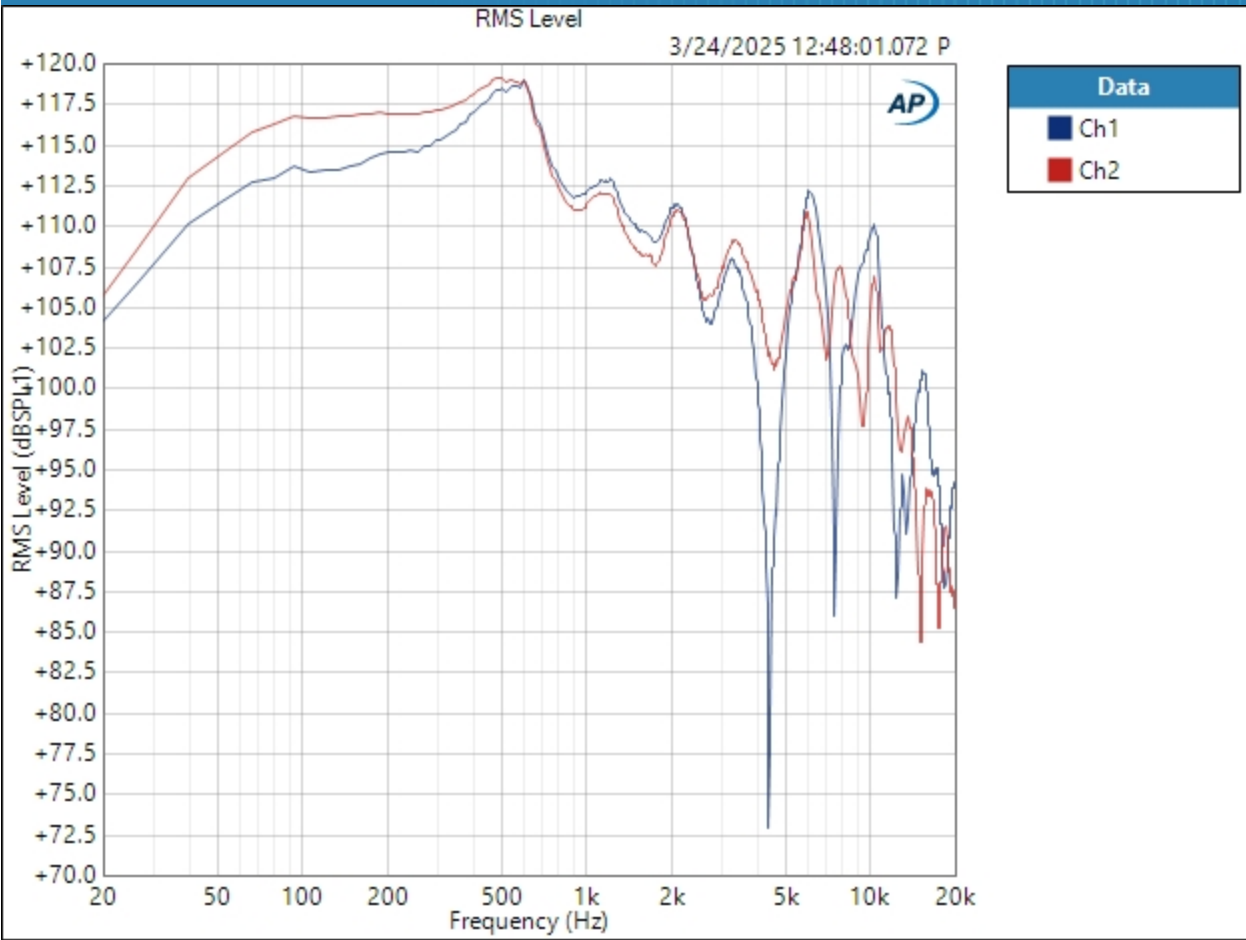
Auto Window Start True

Window End: 100.0 ms

Result: PASSED

RMS Level (3/24/2025 12:48:01.072 PM)

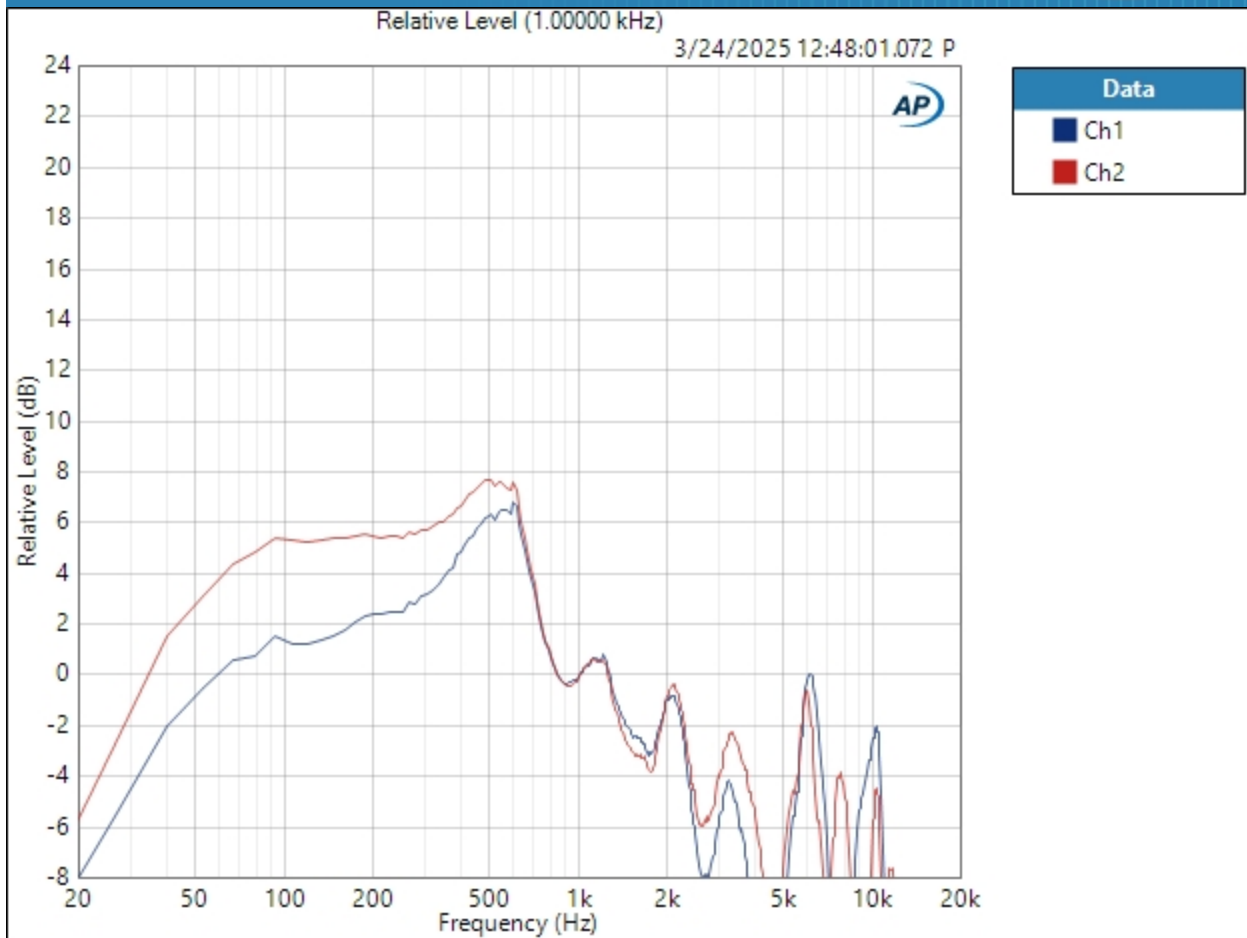
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Result: PASSED

Relative Level (1.00000 kHz) (3/24/2025 12:48:01.072 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) (3/24/2025 12:48:01.072 PM)

Ch1 ± 22.942 dB

Ch2 ± 17.937 dB

Deviation (20.0000 Hz - 20.0000 kHz) Parameters

Min: 20.0000 Hz

Max: 20.0000 kHz

Smoothing: None

Delay (3/24/2025 12:48:01.072 PM)

Ch1 1.244 ms

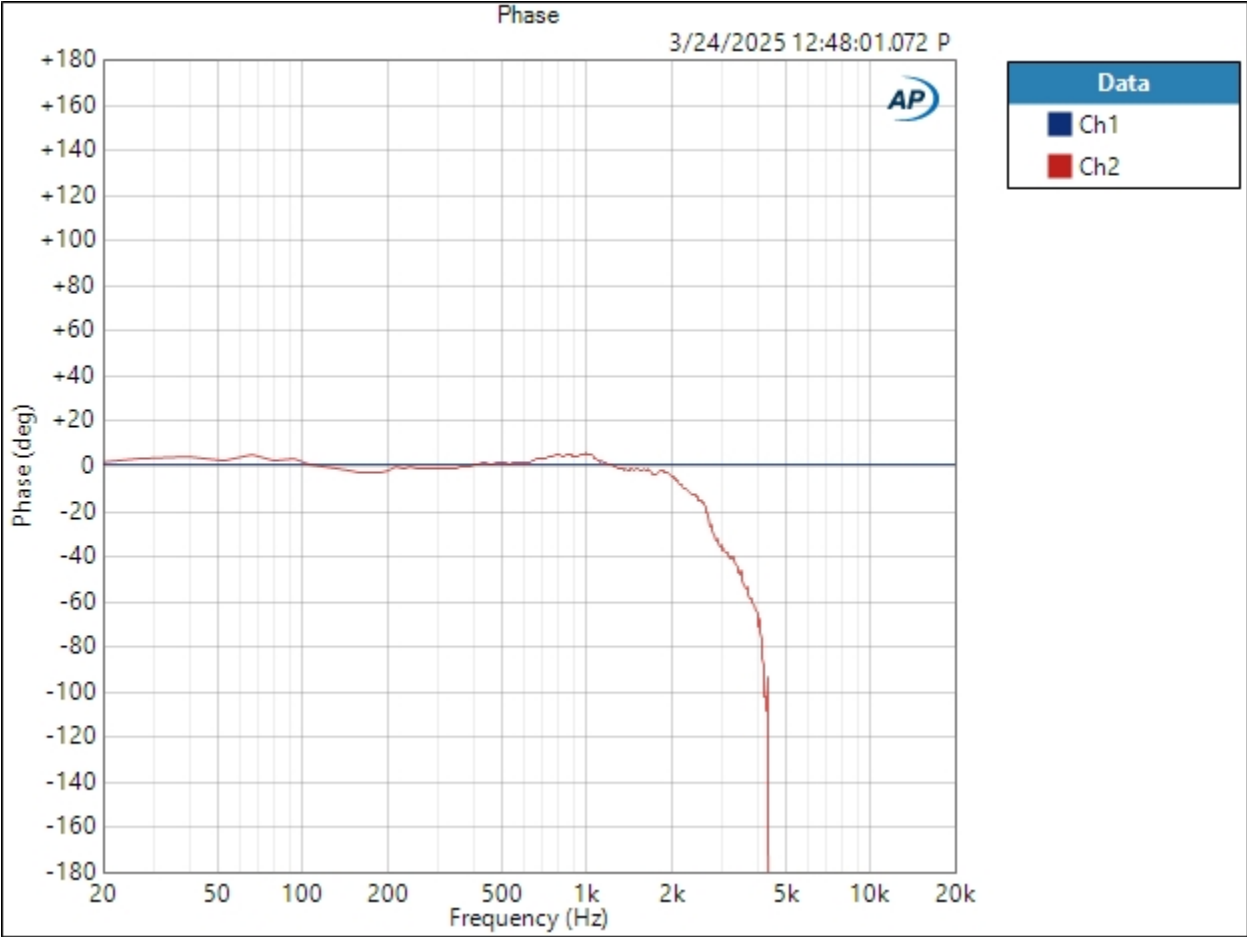
Ch2 1.224 ms

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Phase (3/24/2025 12:48:01.072 PM)



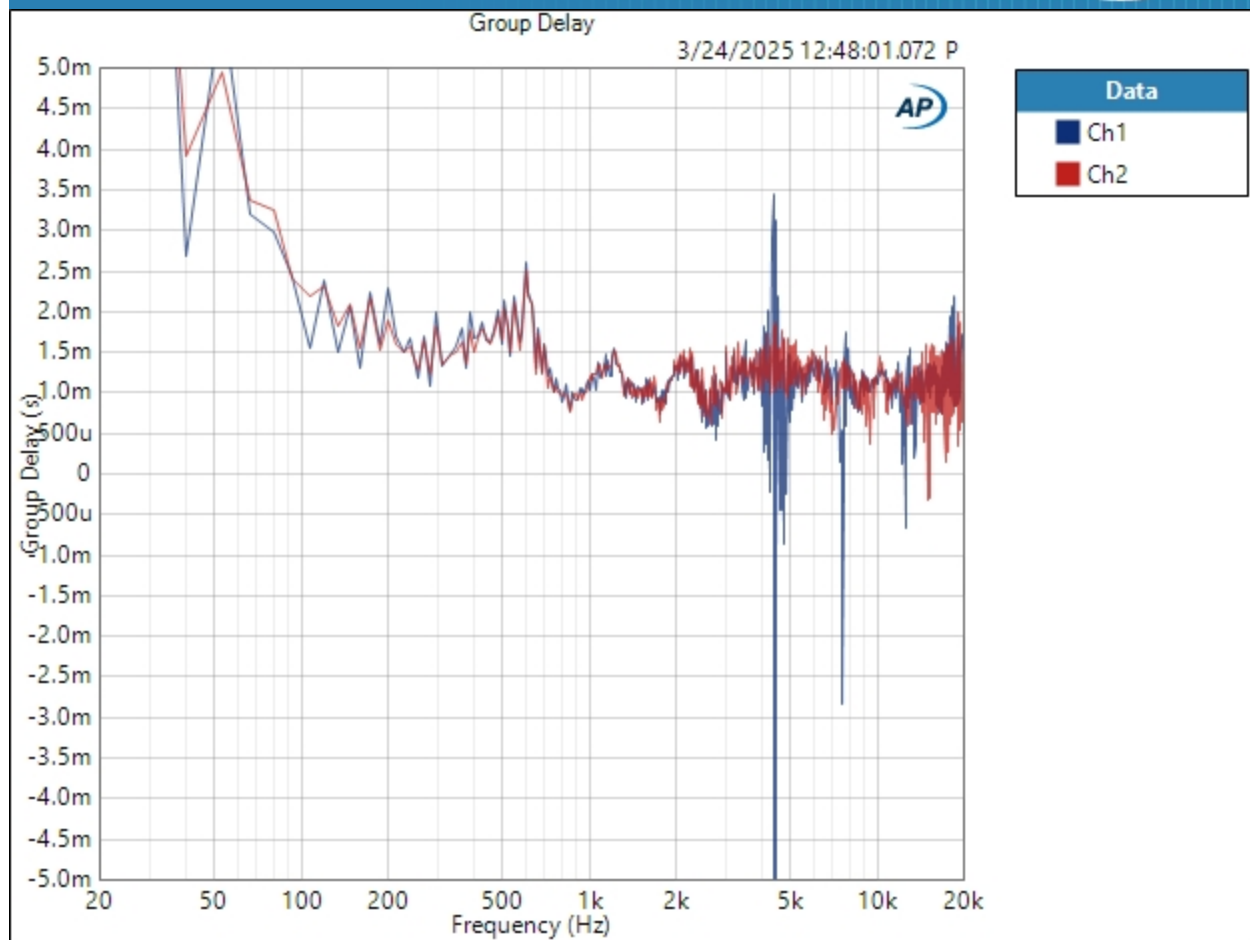
Phase Parameters

Mode: Relative to Ch1

Result: PASSED

Group Delay (3/24/2025 12:48:01.072 PM)

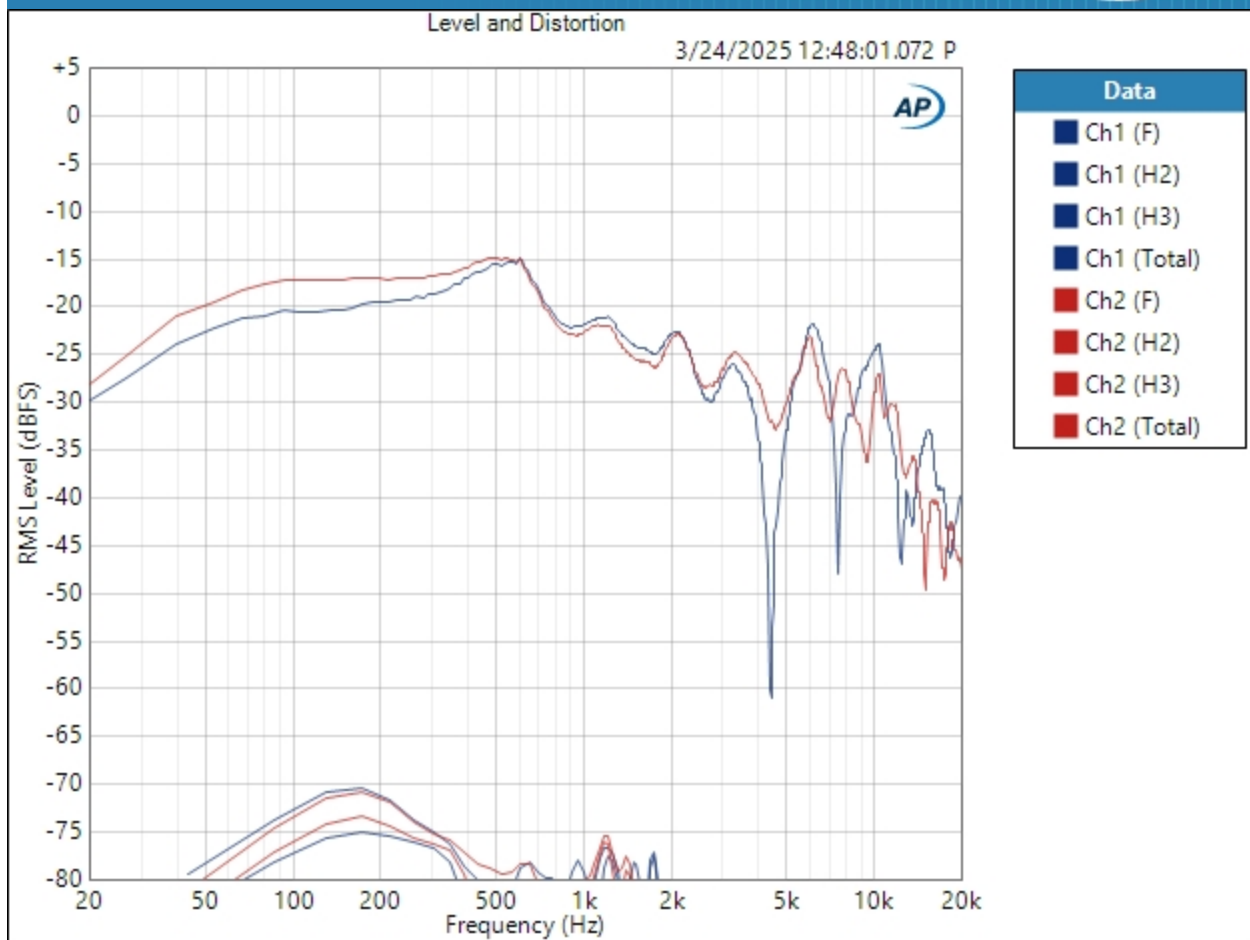
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Result: PASSED

Level and Distortion (3/24/2025 12:48:01.072 PM)

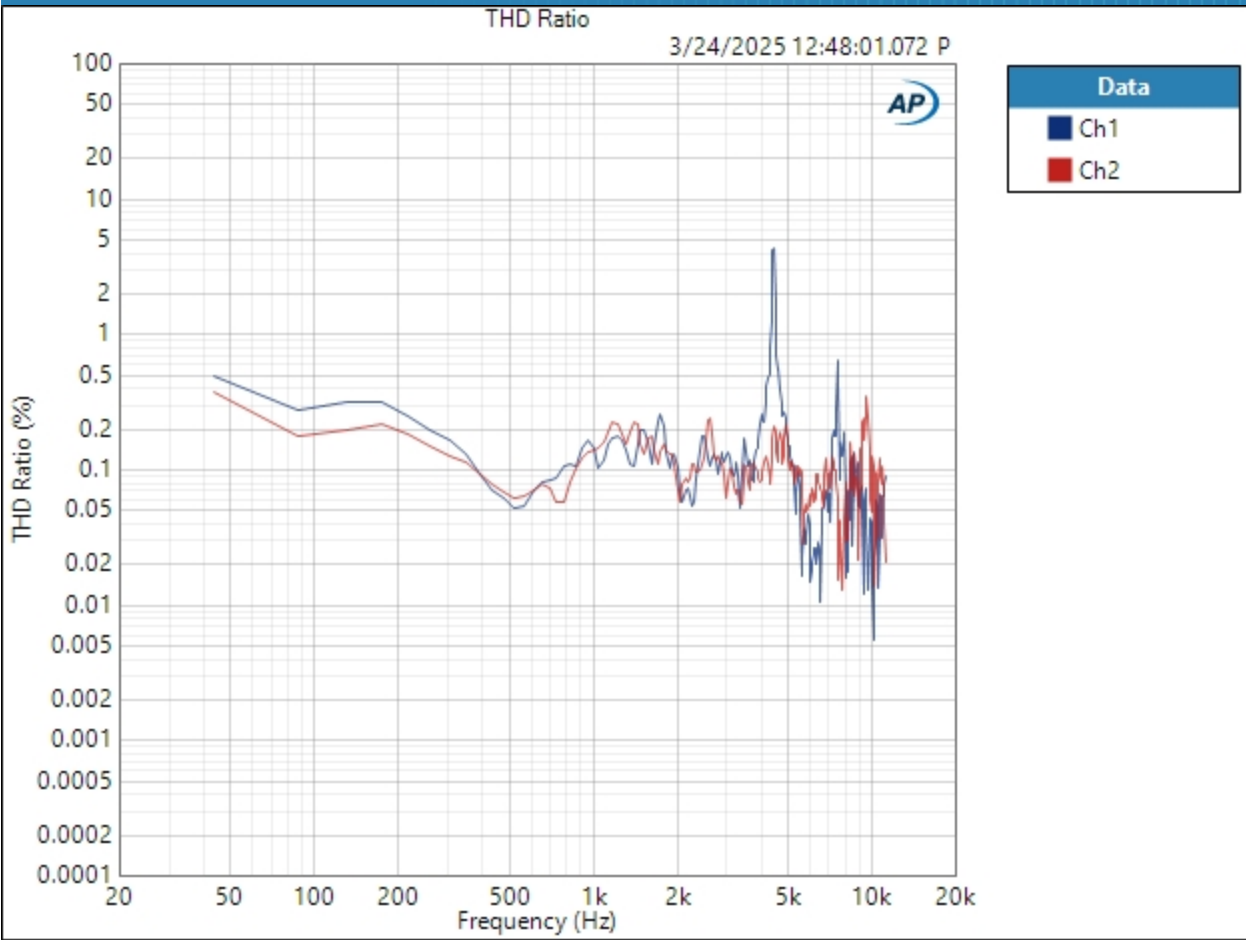
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Result: PASSED

THD Ratio (3/24/2025 12:48:01.072 PM)

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THD Ratio Parameters

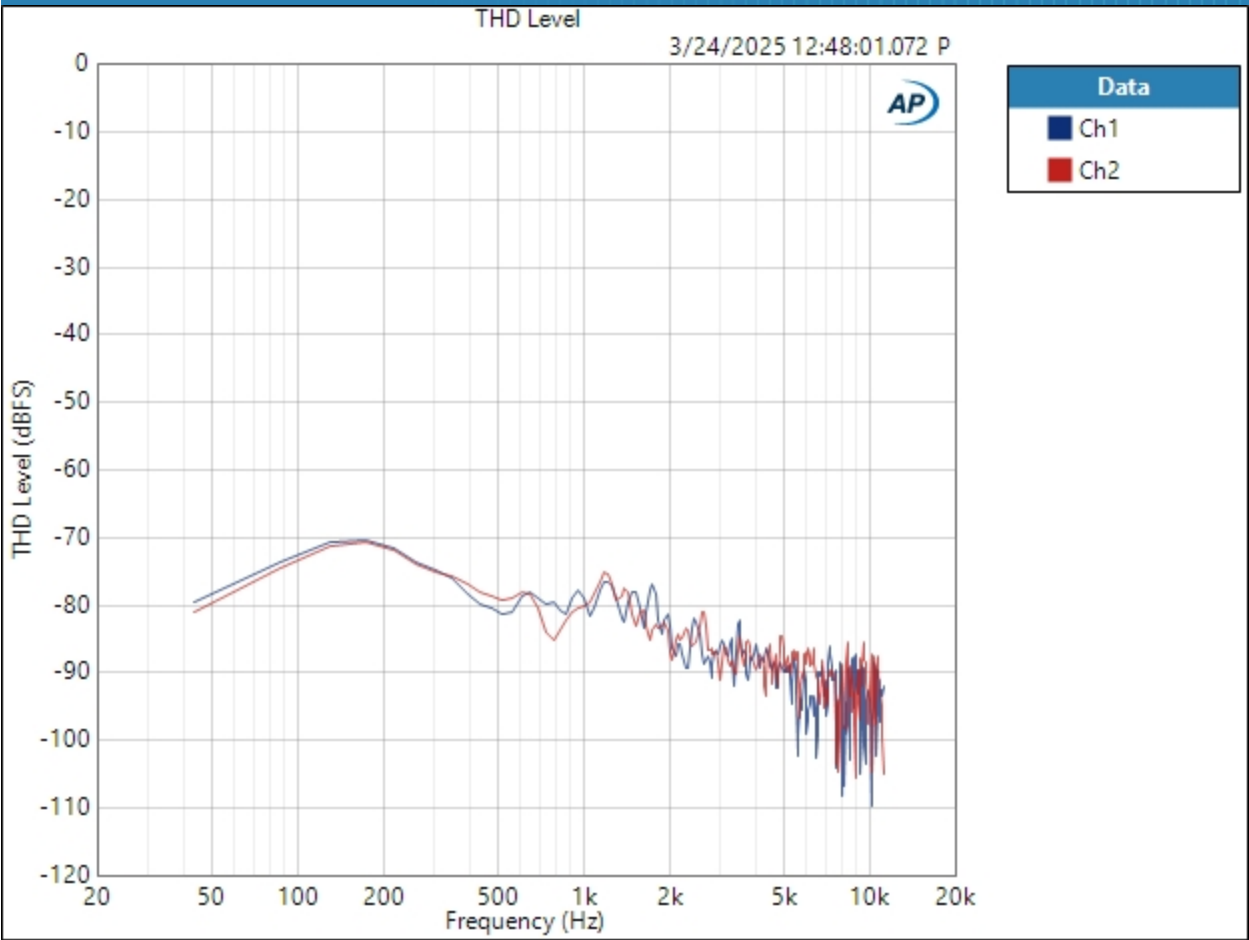
Calculation Mode: IEC

Normalized False

Result: PASSED

THD Level (3/24/2025 12:48:01.072 PM)

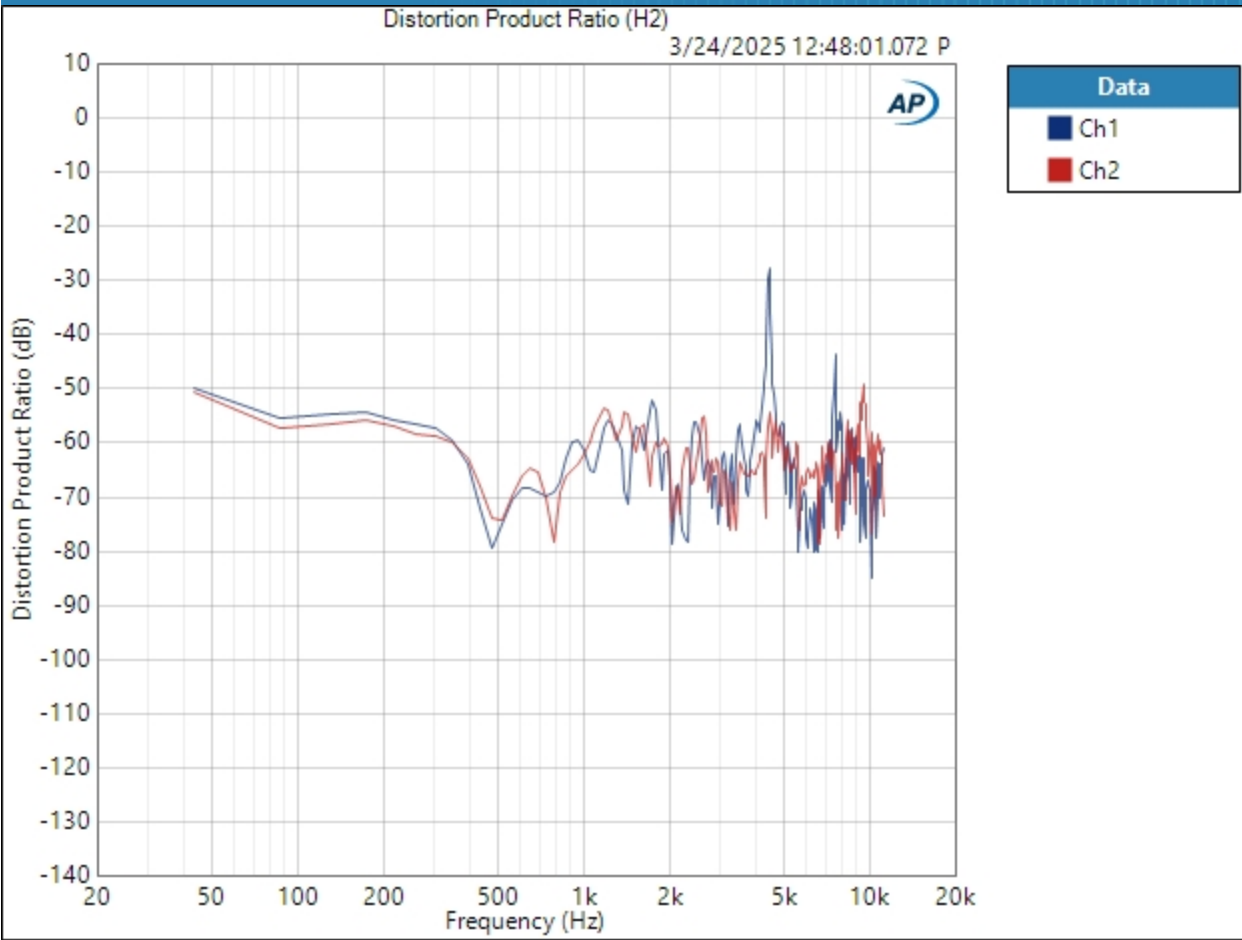
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Result: PASSED

Distortion Product Ratio (H2) (3/24/2025 12:48:01.072 PM)

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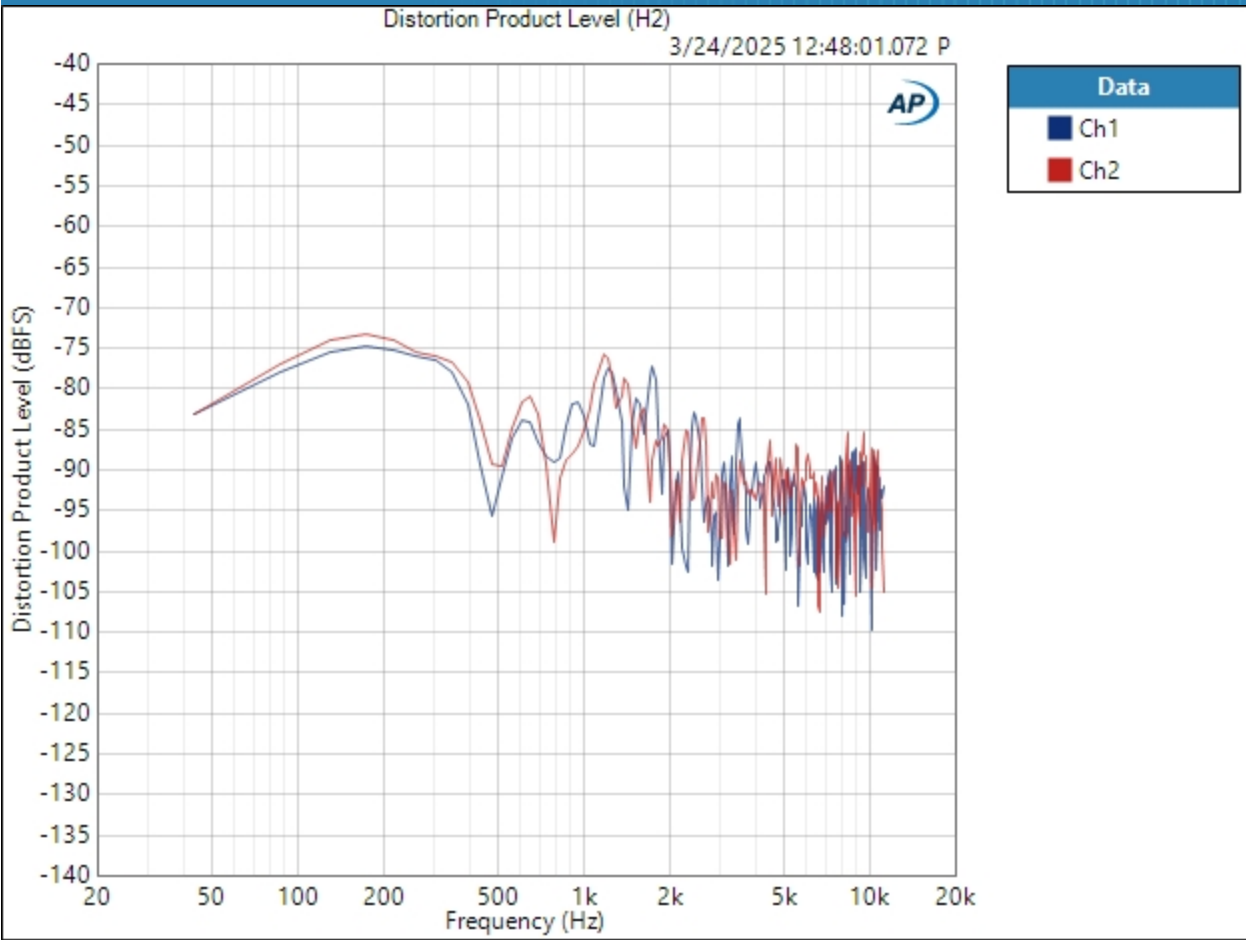
Distortion Product Ratio (H2) Parameters

Calculation Mode: IEC
Normalized: False
Harmonics: Single Harmonic
Harmonic Number: 2

Result: PASSED

Distortion Product Level (H2) (3/24/2025 12:48:01.072 PM)

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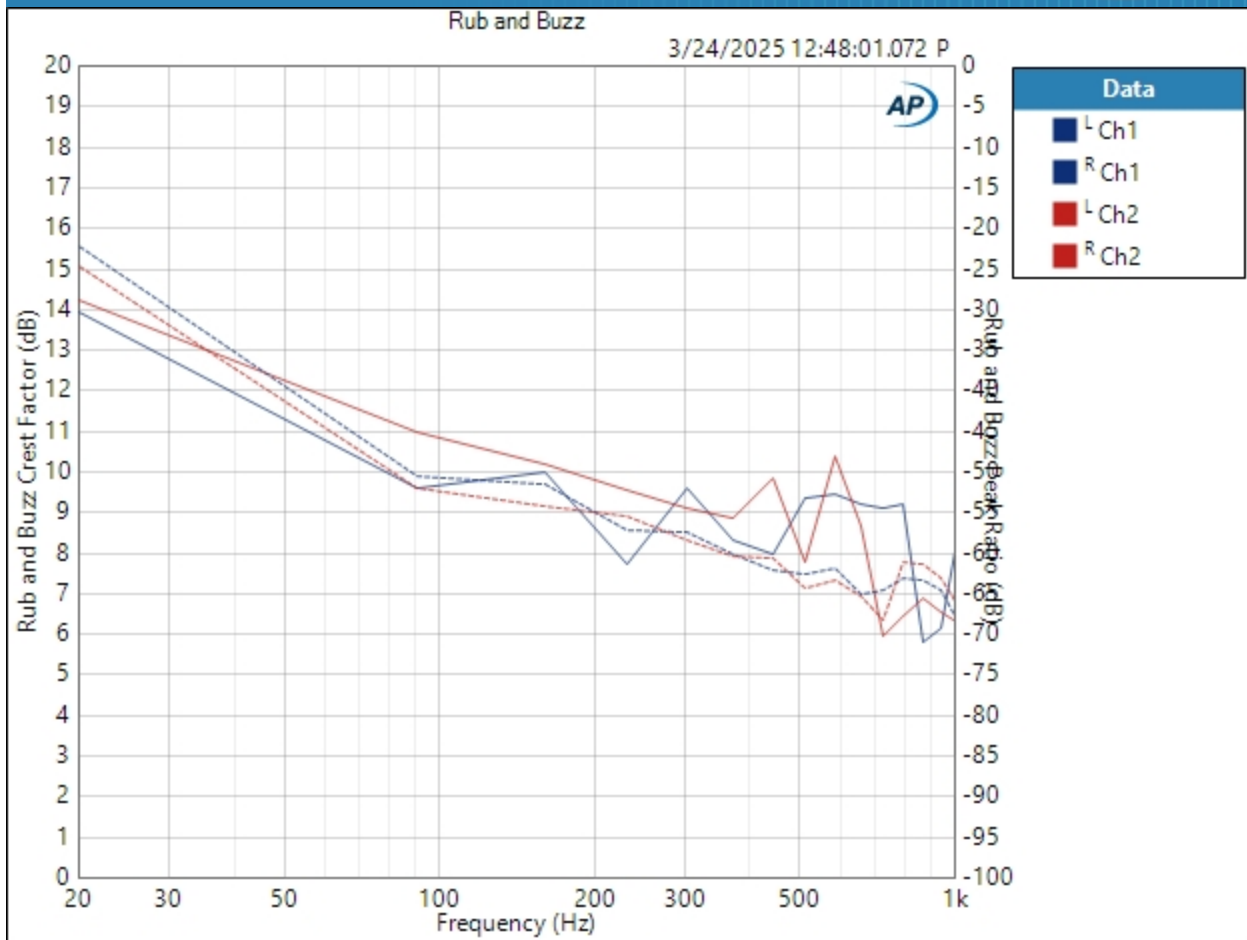
Distortion Product Level (H2) Parameters

Harmonics: Single Harmonic
Harmonic Number: 2

Result: PASSED

Rub and Buzz (3/24/2025 12:48:01.072 PM)

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Rub and Buzz Parameters

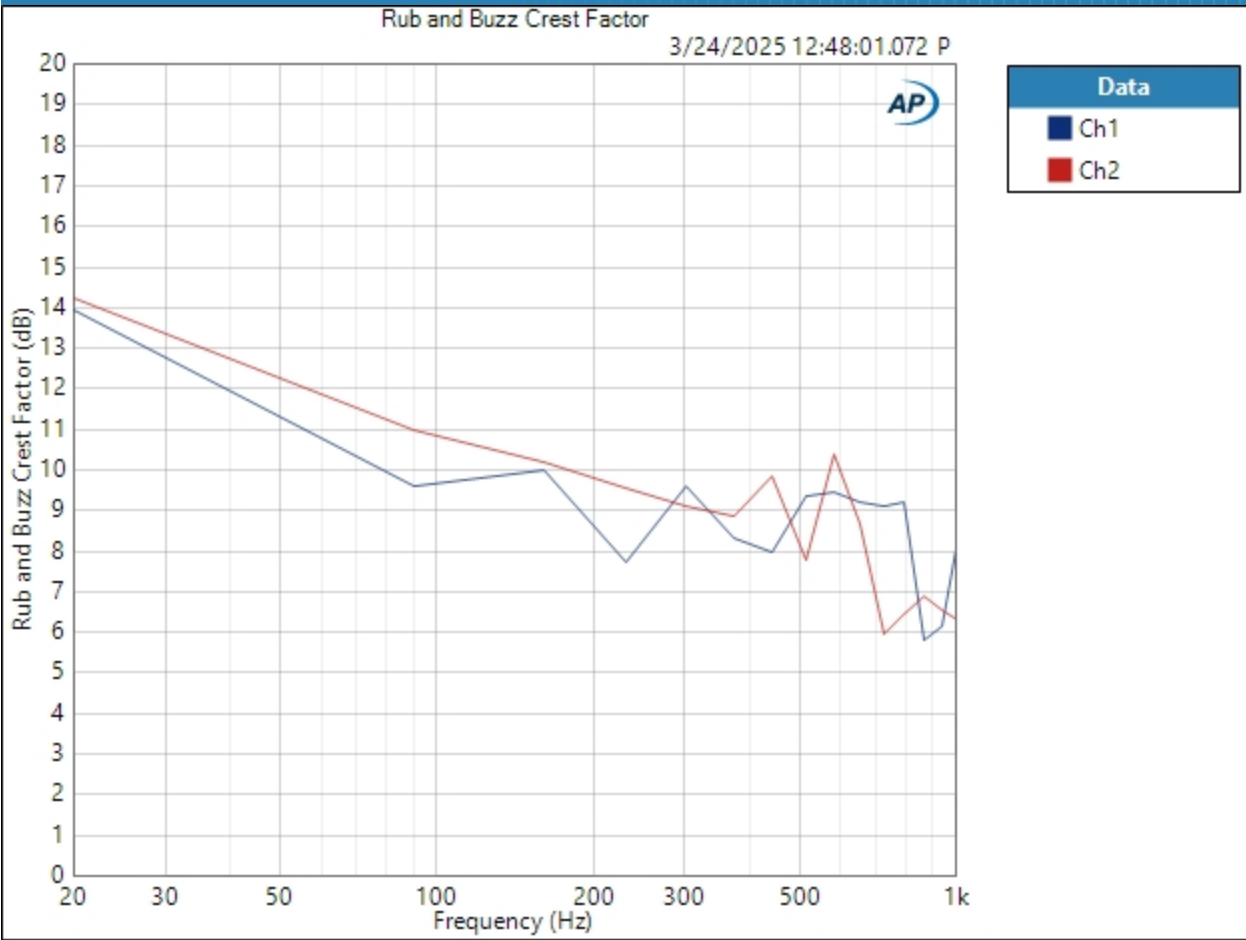
Result Failure Condition: Left Or Right

High-pass Factor: 20

Result: ✔ PASSED

Rub and Buzz Crest Factor (3/24/2025 12:48:01.072 PM)

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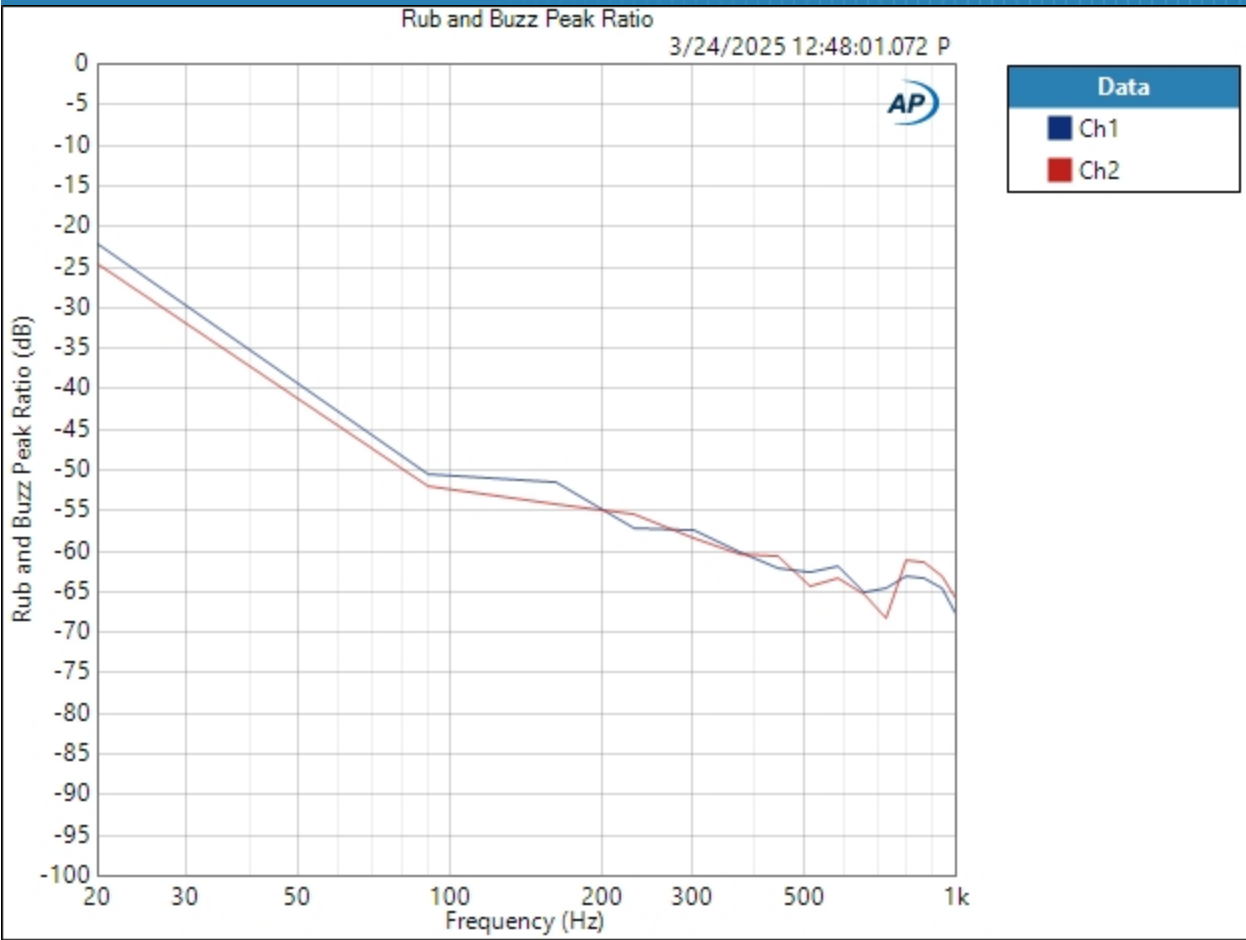
Rub and Buzz Crest Factor Parameters

High-pass Factor: 20

Result: PASSED

Rub and Buzz Peak Ratio (3/24/2025 12:48:01.072 PM)

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Rub and Buzz Peak Ratio Parameters

High-pass Factor: 20

Result: PASSED

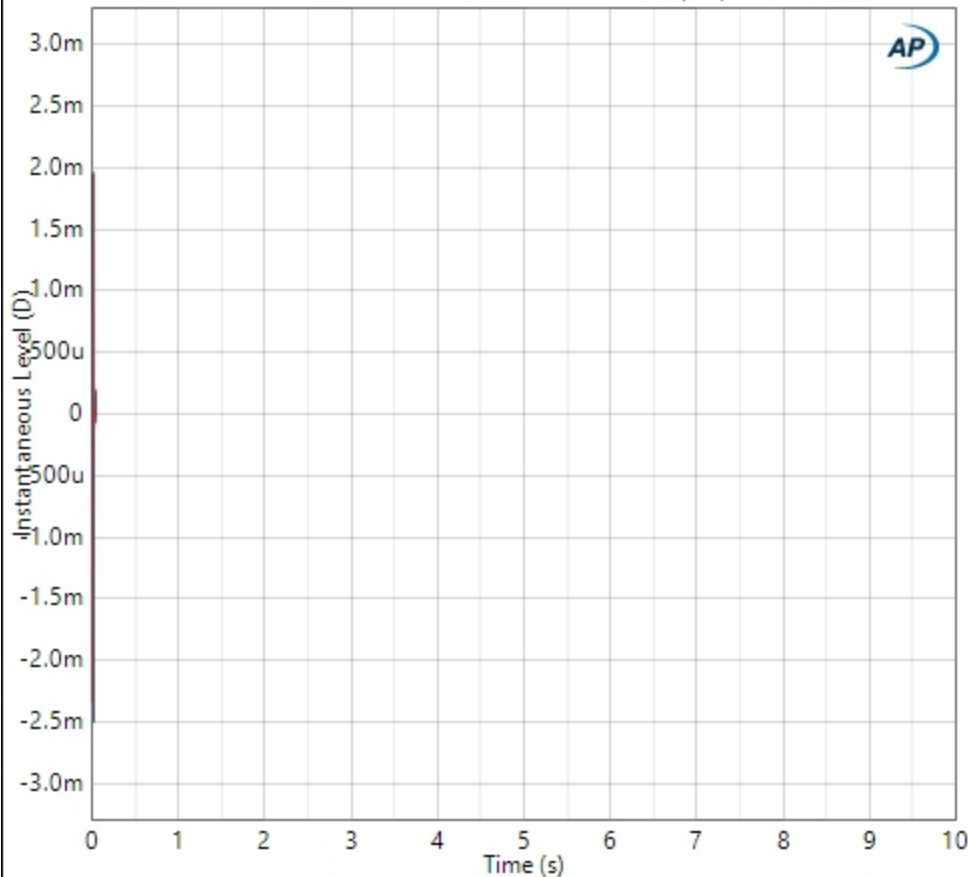
SoneTrac Residual Waveform (3/24/2025 12:48:01.072 PM)

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SoneTrac Residual Waveform

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| Data | |
|------|-----|
| ■ | Ch1 |
| ■ | Ch2 |

SoneTrac Residual Waveform Parameters

High-pass Factor: 20.00

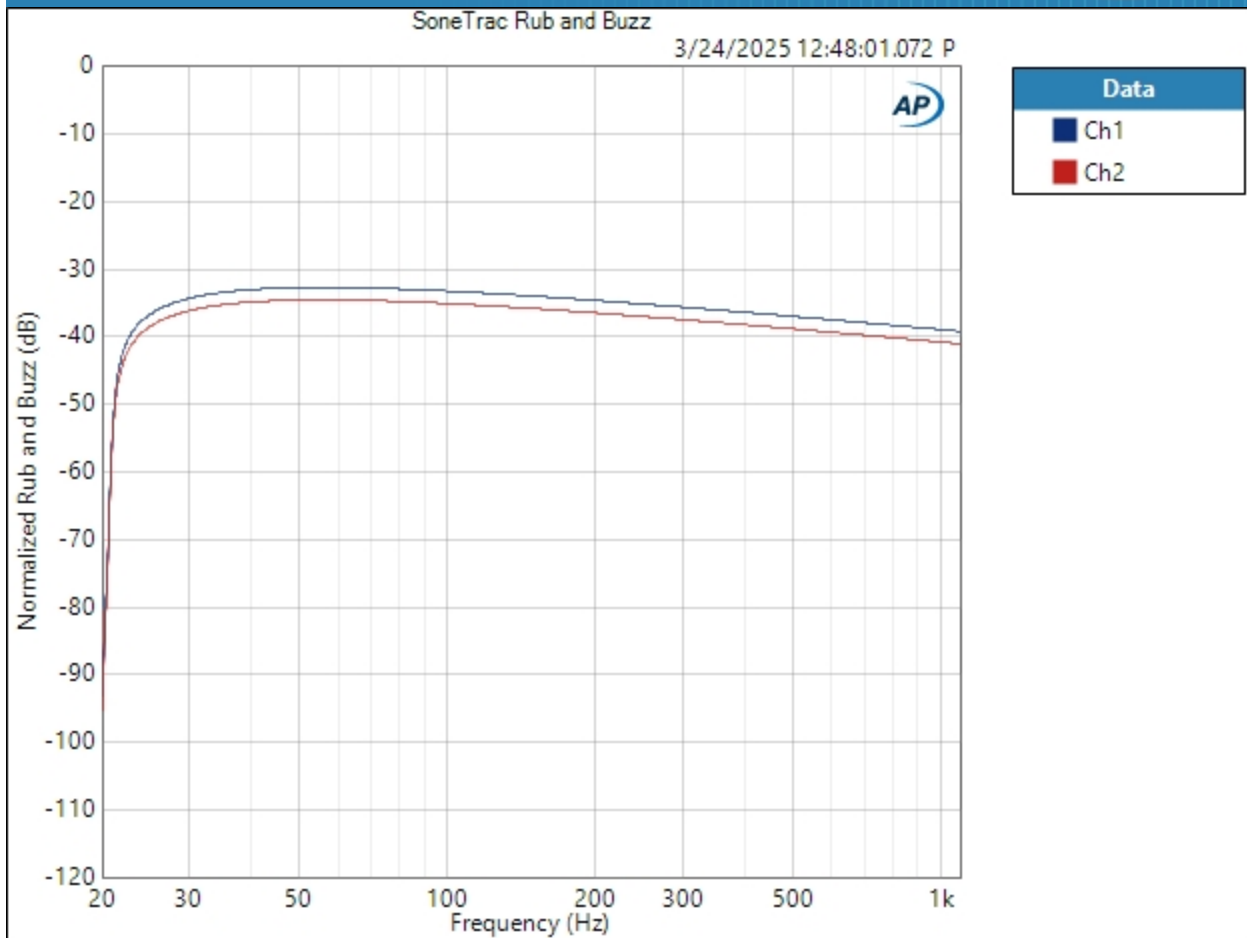
High-pass Frequency: 20 Hz

Low-pass Frequency: 2 kHz

Result: PASSED

SoneTrac Rub and Buzz (3/24/2025 12:48:01.072 PM)

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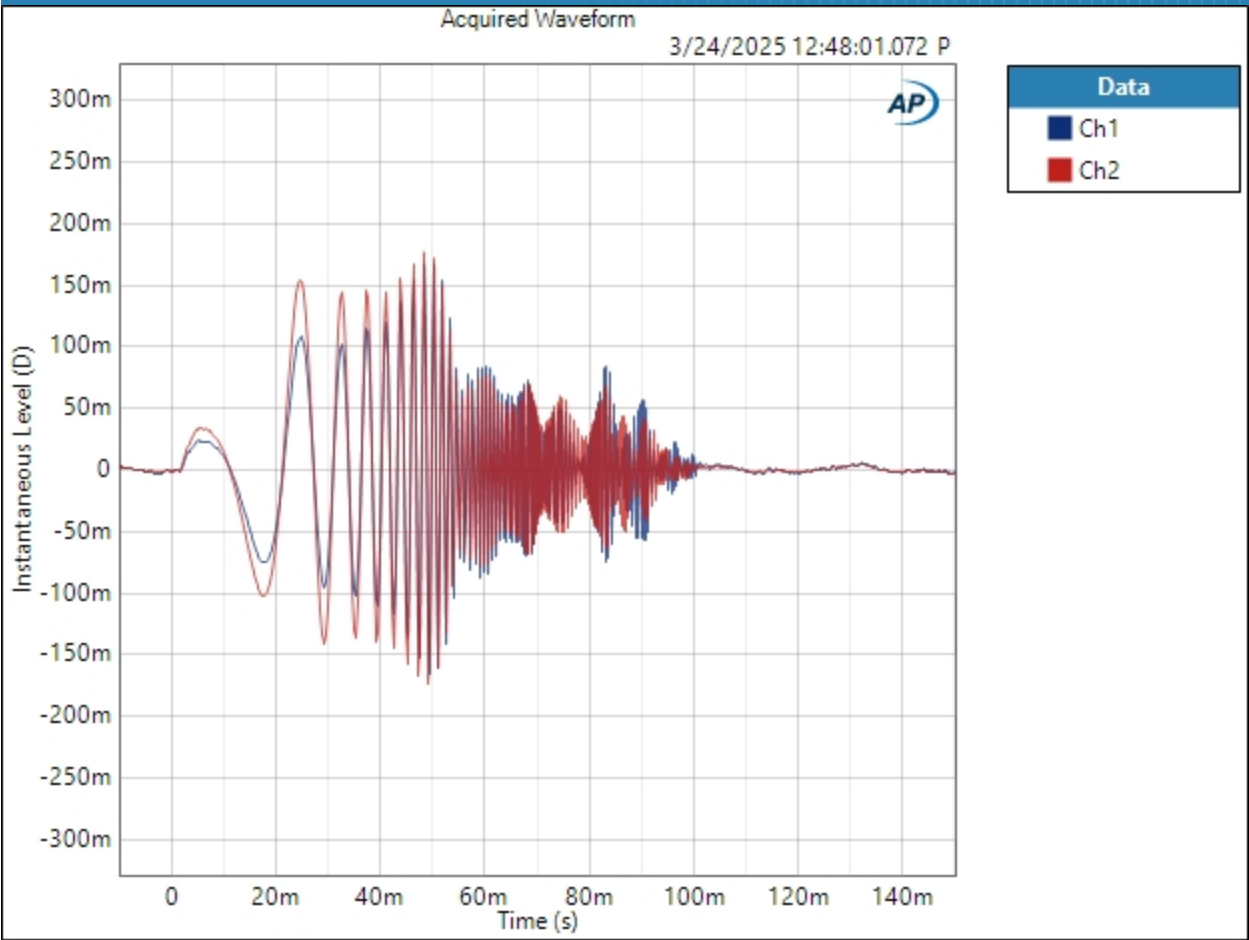
SoneTrac Rub and Buzz Parameters

High-pass Factor: 20.00
High-pass Frequency: 20 Hz
Low-pass Frequency: 2 kHz
Decimation: None
Window: Hanning
Fade In: 2.500 ms
Pre-mask: 10.00 ms
Post-mask: 20.00 ms

Result: PASSED

Acquired Waveform (3/24/2025 12:48:01.072 PM)

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Acquired Waveform Parameters

Interpolated: On

Result: PASSED

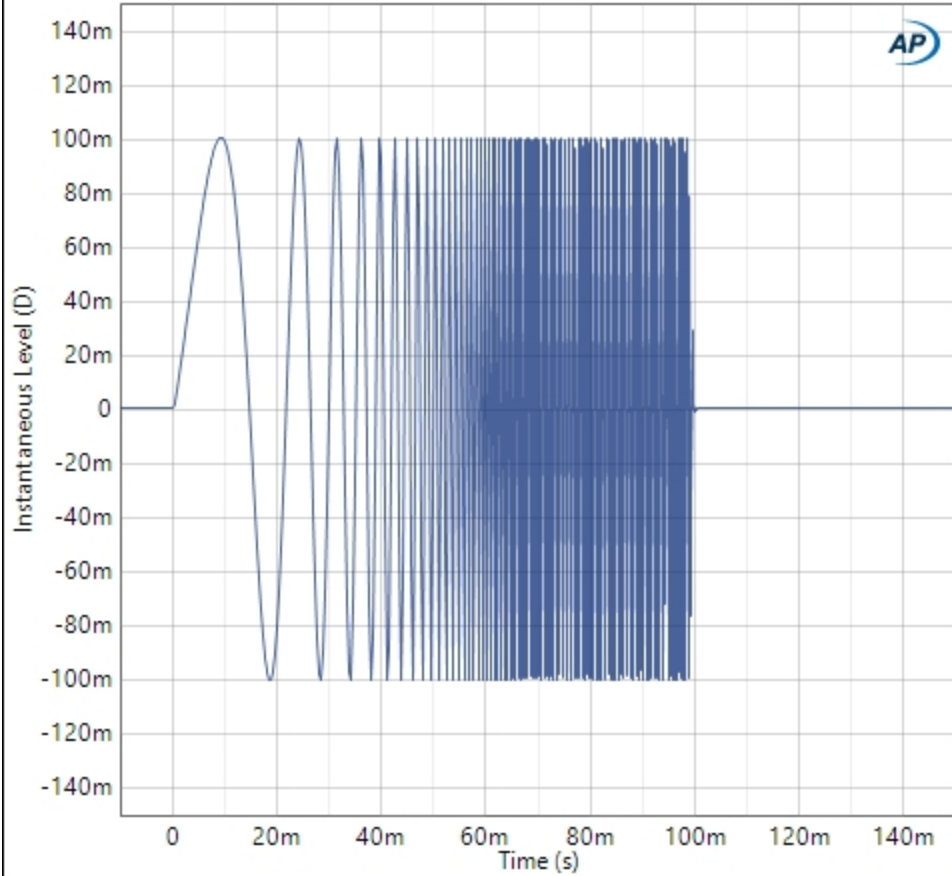
Reference Waveform (3/24/2025 12:48:01.072 PM)

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Reference Waveform

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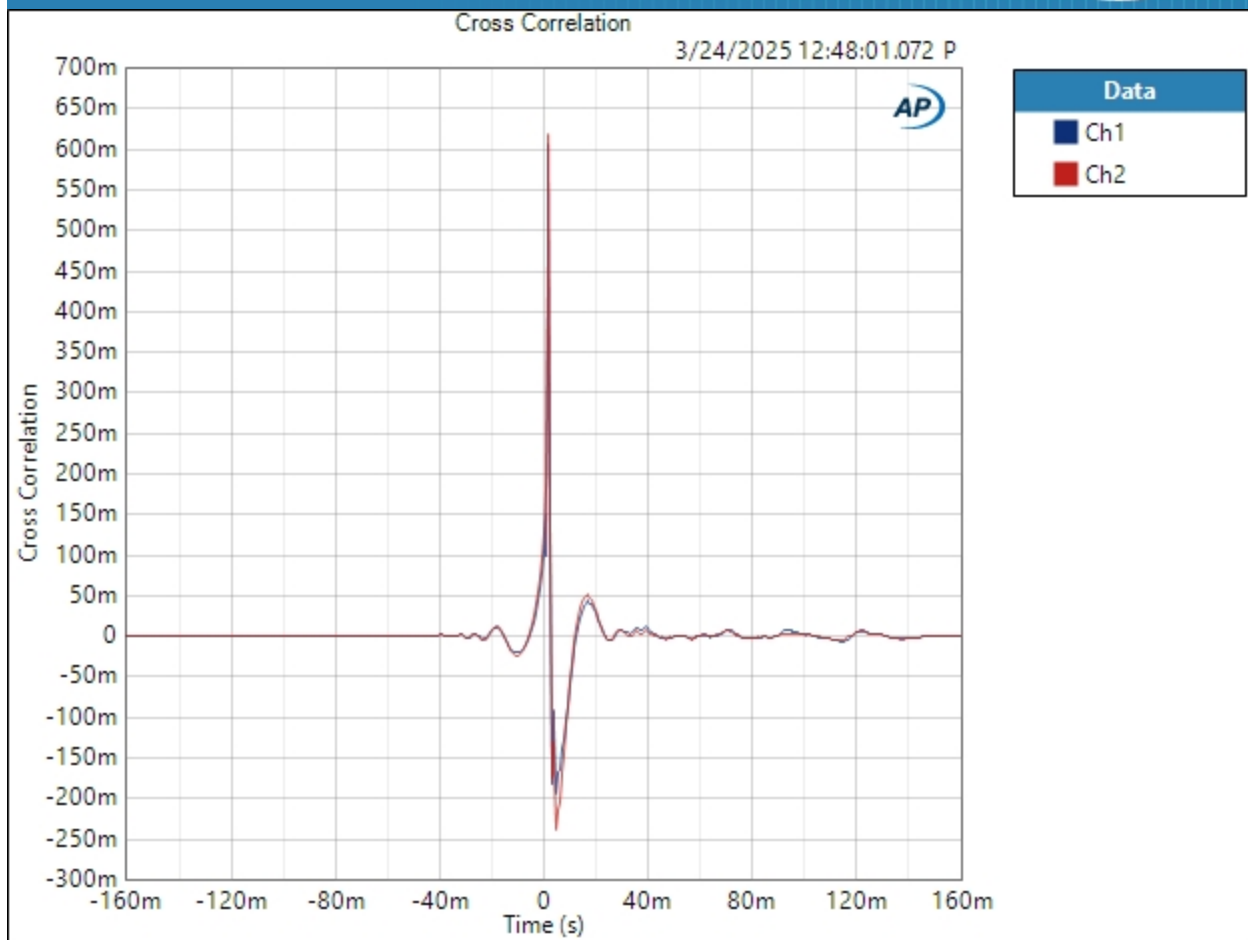


| Data |
|----------|
| Stimulus |

Result: PASSED

Cross Correlation (3/24/2025 12:48:01.072 PM)

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Result: PASSED