

Sequence Report



Summary

Signal Path1

Level and Gain	✓ PASSED
THD+N	✓ PASSED
Level and Gain	✓ PASSED
THD+N	✓ PASSED
Frequency Response	✓ PASSED
Signal to Noise Ratio	✓ PASSED
Stepped Level Sweep	✓ PASSED

Sequence Result:

Sequence Result: ✓ PASSED

Sequence Report



Signal Path1 : Level and Gain

Waveform: Sine
Generator Level: 5.500 Vrms
DC Offset: 0.000 V
Frequency: 1.00000 kHz
Low-pass Filter: Signal Path

RMS Level (7/25/2024 12:34:54.158 PM)

Ch1 3.116 kW

Signal Path1 : THD+N

Waveform: Sine
Generator Level: 5.500 Vrms
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: Signal Path
Notch Tuning Mode: Measured Frequency

THD+N Ratio (7/25/2024 12:34:56.777 PM)

Ch1 0.856940 %

Signal Path1 : Level and Gain

Waveform: Sine
Generator Level: 5.500 Vrms
DC Offset: 0.000 V
Frequency: 40.0000 Hz
Low-pass Filter: Signal Path

RMS Level (7/25/2024 12:34:58.835 PM)

Ch1 3.037 kW

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Signal Path1 : THD+N

Waveform: Sine
Generator Level: 5.500 Vrms
DC Offset: 0.000 V
Frequency: 40.0000 Hz
High-pass Filter: Elliptic
High-pass Frequency: 20 Hz
Low-pass Filter: Elliptic
Low-pass Frequency: 20 kHz
Weighting Filter: Signal Path
Notch Tuning Mode: Measured Frequency

THD+N Ratio (7/25/2024 12:35:03.949 PM)

Ch1 0.559833 %

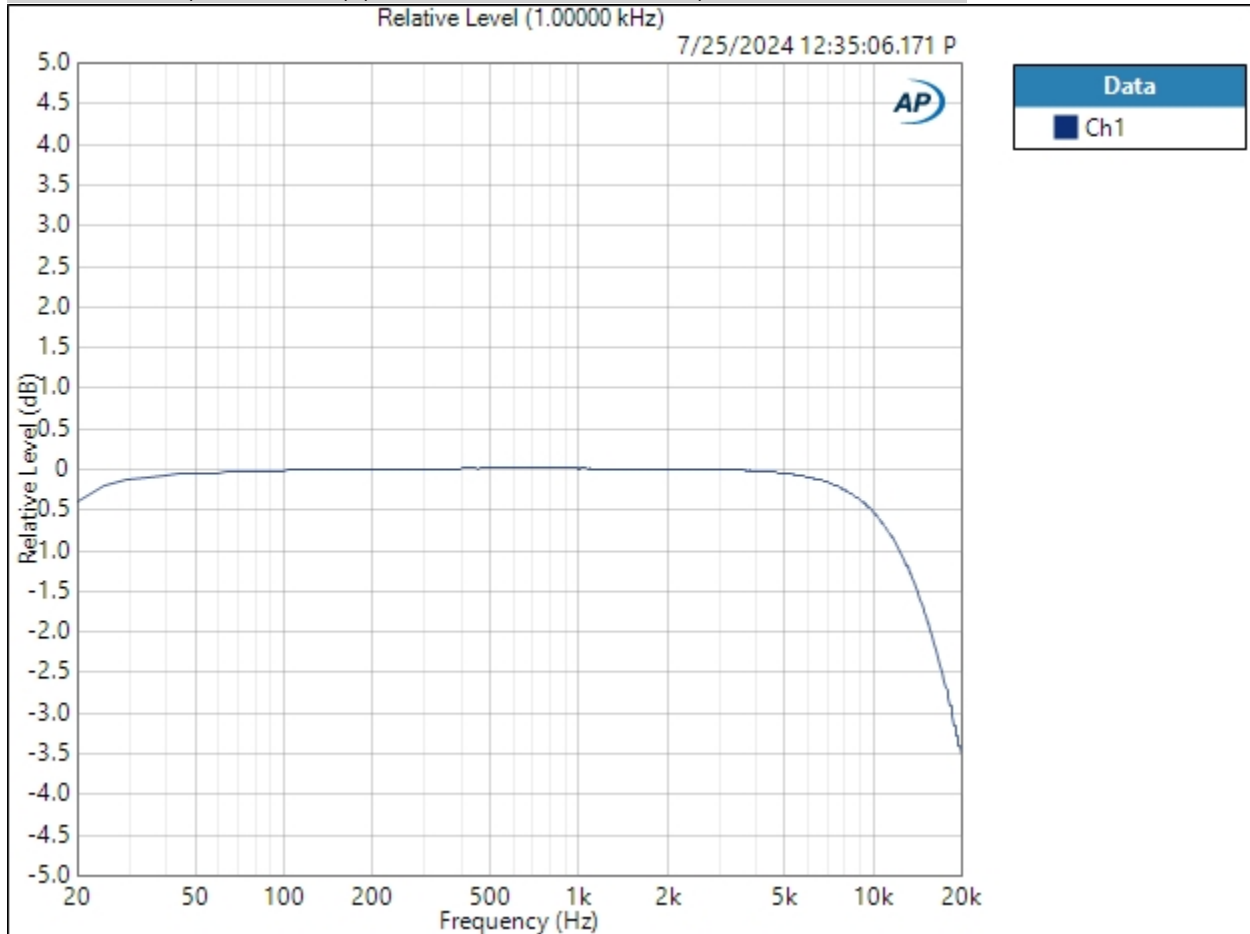
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Signal Path1 : Frequency Response

Start Frequency: 20.0000 Hz
Stop Frequency: 20.0000 kHz
Generator Level: 1.000 Vrms
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 7/25/2024 12:35:06 PM

Relative Level (1.00000 kHz) (7/25/2024 12:35:06.171 PM)



Relative Level (1.00000 kHz) Parameters

Mode: Normalized at Reference

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Ref Frequency: 1.00000 kHz

Result:  PASSED

Signal Path1 : Signal to Noise Ratio

Waveform: Sine
Generator Level: 5.500 Vrms
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: Signal Path

Signal to Noise Ratio (7/25/2024 12:35:08.741 PM)

Ch1 93.930 dB

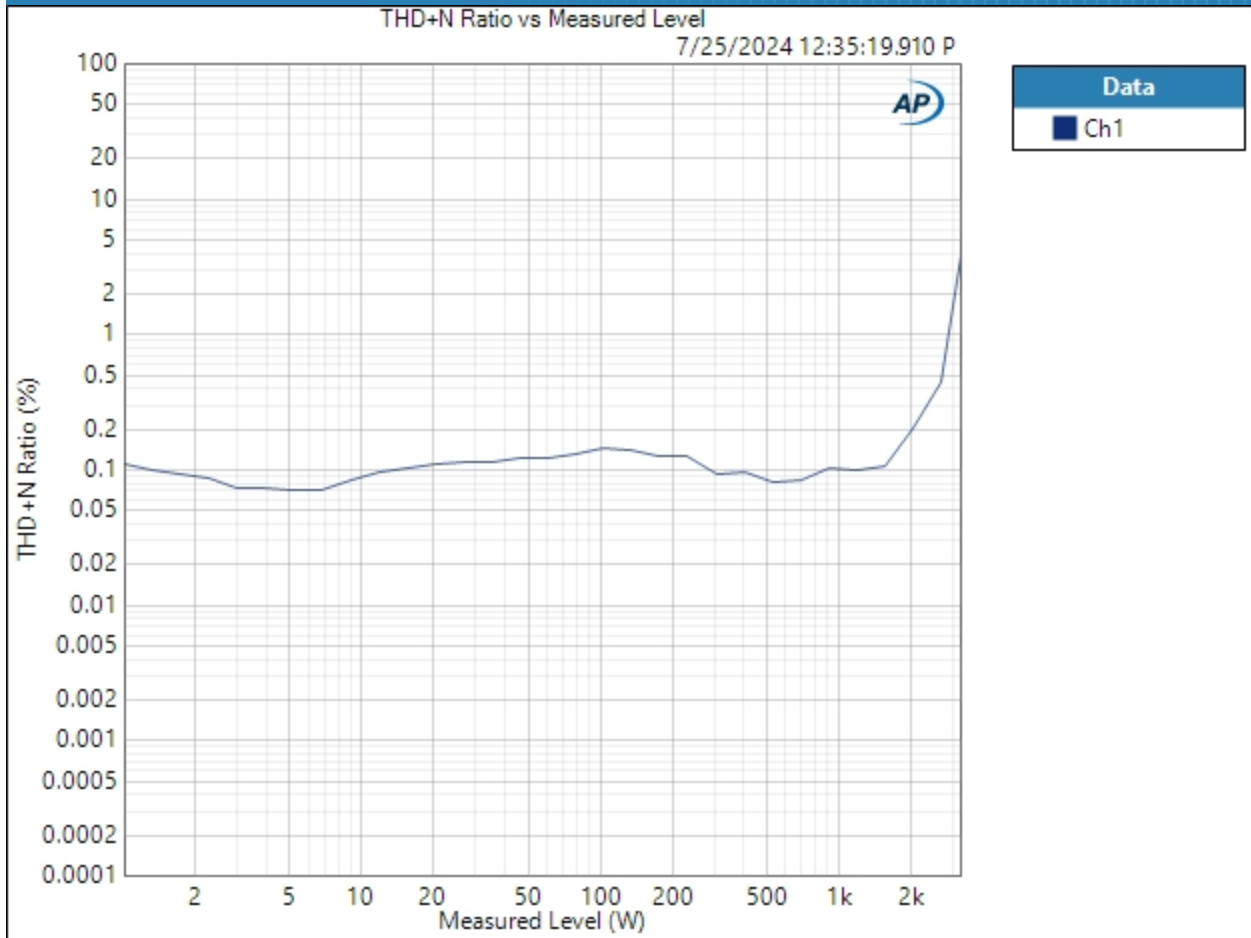
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Signal Path1 : Stepped Level Sweep

Waveform: Sine
Frequency: 1.00000 kHz
Start Level: 100.0 mVrms
Stop Level: 5.800 Vrms
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: Signal Path
Notch Tuning Mode: Generator Frequency
Measured 1 7/25/2024 12:35:19 PM

THD+N Ratio vs Measured Level (7/25/2024 12:35:19.910 PM)



Result: PASSED