

## Sequence Report



### Summary

#### Mic500 200k Termination

Signal Path Setup PASSED

Stepped Frequency Sweep MIC 500 PASSED

#### Mic 2k 200k termination

Signal Path Setup PASSED

Stepped Frequency Sweep MIC 2K FAILED

#### Mic 2k 15dB PAD 200k termination

Signal Path Setup PASSED

Stepped Frequency Sweep 15dB PAD FAILED

#### Line Gain -10 200kTermination

Signal Path Setup PASSED

Stepped Frequency Sweep -10 FAILED

#### Line Gain -10 600 Termination

Signal Path Setup PASSED

Level and Gain -10 PASSED

#### Line Gain +5 200kTermination

Signal Path Setup PASSED

Stepped Frequency Sweep +5 PASSED

#### Line Gain +5 600 Termination

Signal Path Setup PASSED

Level and Gain +5 PASSED

#### Line Gain -5 600 Termination

Signal Path Setup PASSED

Level and Gain -5 PASSED

#### Line Gain 0 600 Termination

Signal Path Setup PASSED

Level and Gain 0 PASSED

#### Line Gain +10 600 Termination

Signal Path Setup PASSED

Level and Gain +10 PASSED

#### Line Gain +10 200k Termination Level Hi

Signal Path Setup PASSED

Noise Recorder (RMS) CW FAILED

#### Line Gain +10 200k Termination Level Low

Signal Path Setup PASSED

Noise Recorder (RMS) CCW FAILED

#### Hi Z Gain -10 2.2M 200k Termination

Signal Path Setup	✓ PASSED
Level and Gain 2.2M	⚠ FAILED
Hi Z Gain -10 47k 200k Termination	
Signal Path Setup	✓ PASSED
Level and Gain 47K	⚠ FAILED
Dummy Signal Path For Report	
Signal Path Setup	✓ PASSED
Sequence Result:	
Sequence Result:	⚠ FAILED

## Sequence Report



### Mic500 200k Termination : Signal Path Setup

Output Connector:	Analog Balanced
Channels:	1
Source Impedance:	100 ohm
Output EQ:	None
Input Connector:	Analog Balanced
Channels:	1
Channel:	Ch1
Termination:	200 kohm
Input Bandwidth:	AC (<10 Hz) - 90k (192 kHz SR)
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:	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.

## Sequence Report



Mic500 200k Termination : Verify Connections

Waveform: Sine

Generator Level: -42.300 dBu

DC Offset: 0.000 V

Frequency: 1.00000 kHz

RMS Level (5/14/2023 3:21:27.988 PM)

Ch1 879.8 mVrms

Gain (5/14/2023 3:21:27.988 PM)

Ch1 43.406 dB

THD+N Ratio (5/14/2023 3:21:27.988 PM)

Ch1 0.405442 %

Frequency (5/14/2023 3:21:27.988 PM)

Ch1 1.00000 kHz

## Sequence Report



Mic500 200k Termination : Stepped Frequency Sweep MIC 500

Generator Level: -42.300 dBu

DC Offset: 0.000 V

EQ: None

Start Frequency: 20.0000 kHz

Stop Frequency: 20.0000 Hz

Step Type: Logarithmic

Number of Points: 10

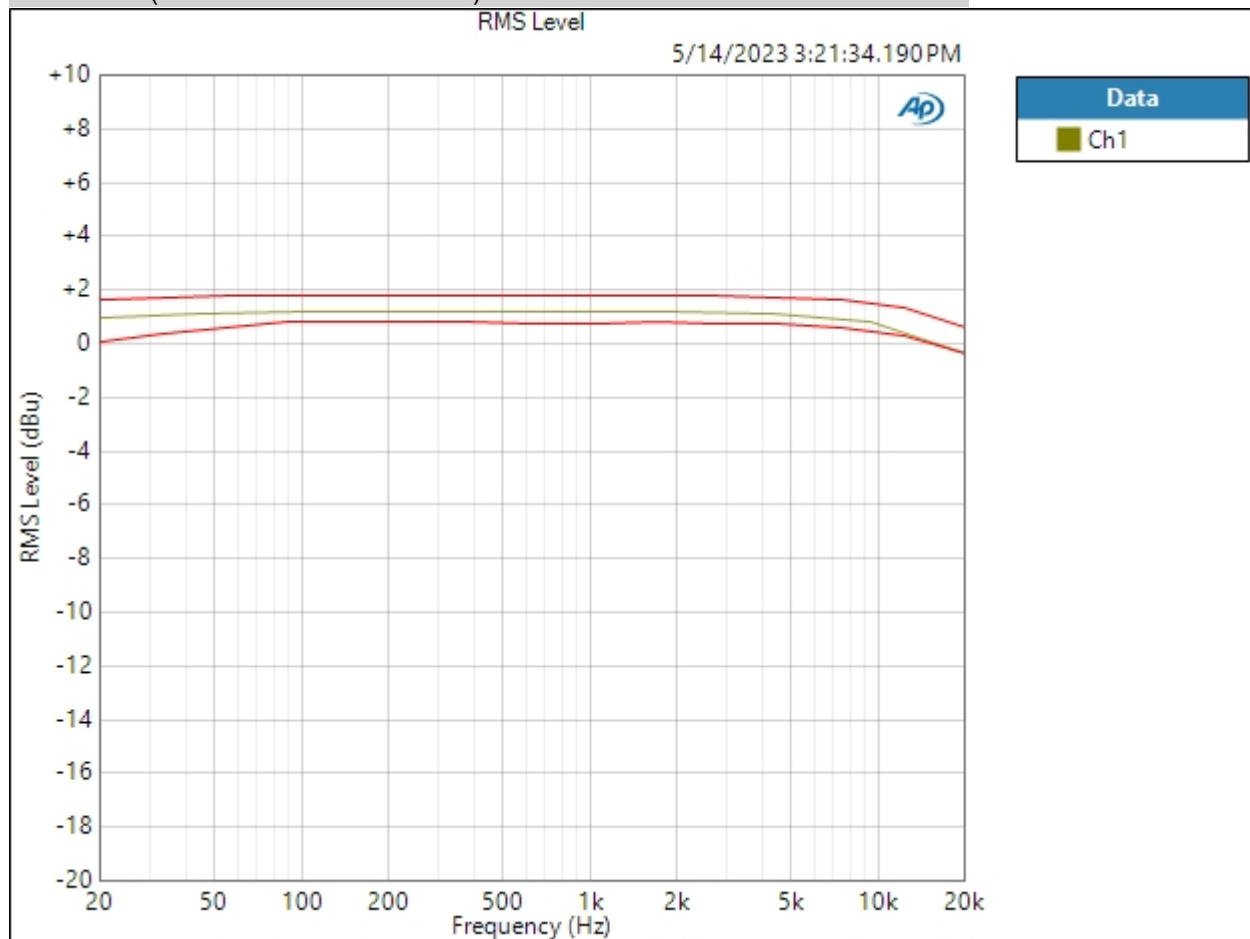
Weighting Filter: Signal Path

High-pass Filter: 20 Hz

Phase Ref Channel: Ch1

Measured 1 5/14/2023 3:21:34 PM

RMS Level (5/14/2023 3:21:34.190 PM)



Ch1 PASSED

5/14/2023 3:24 PM

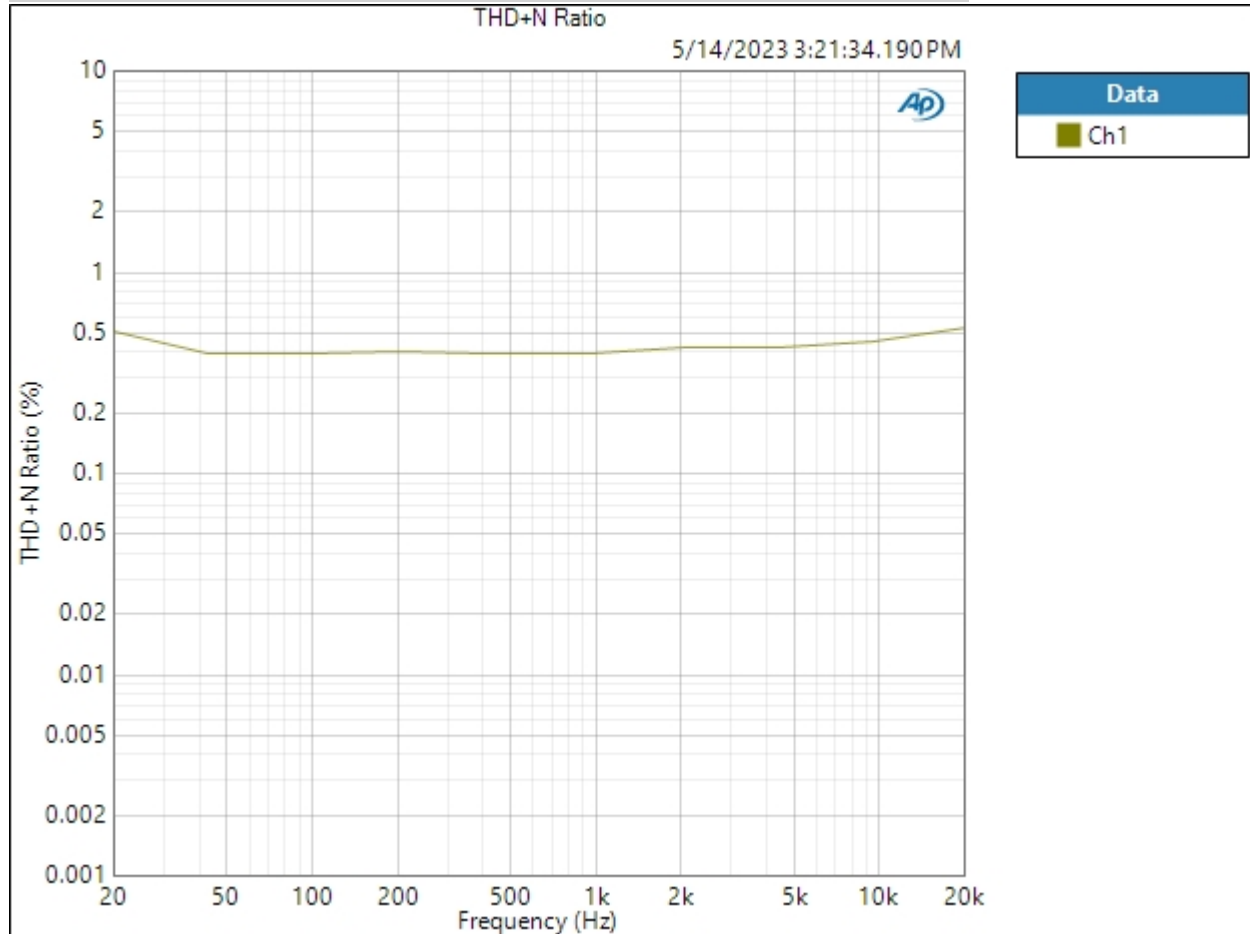
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## Sequence Report



Result: PASSED

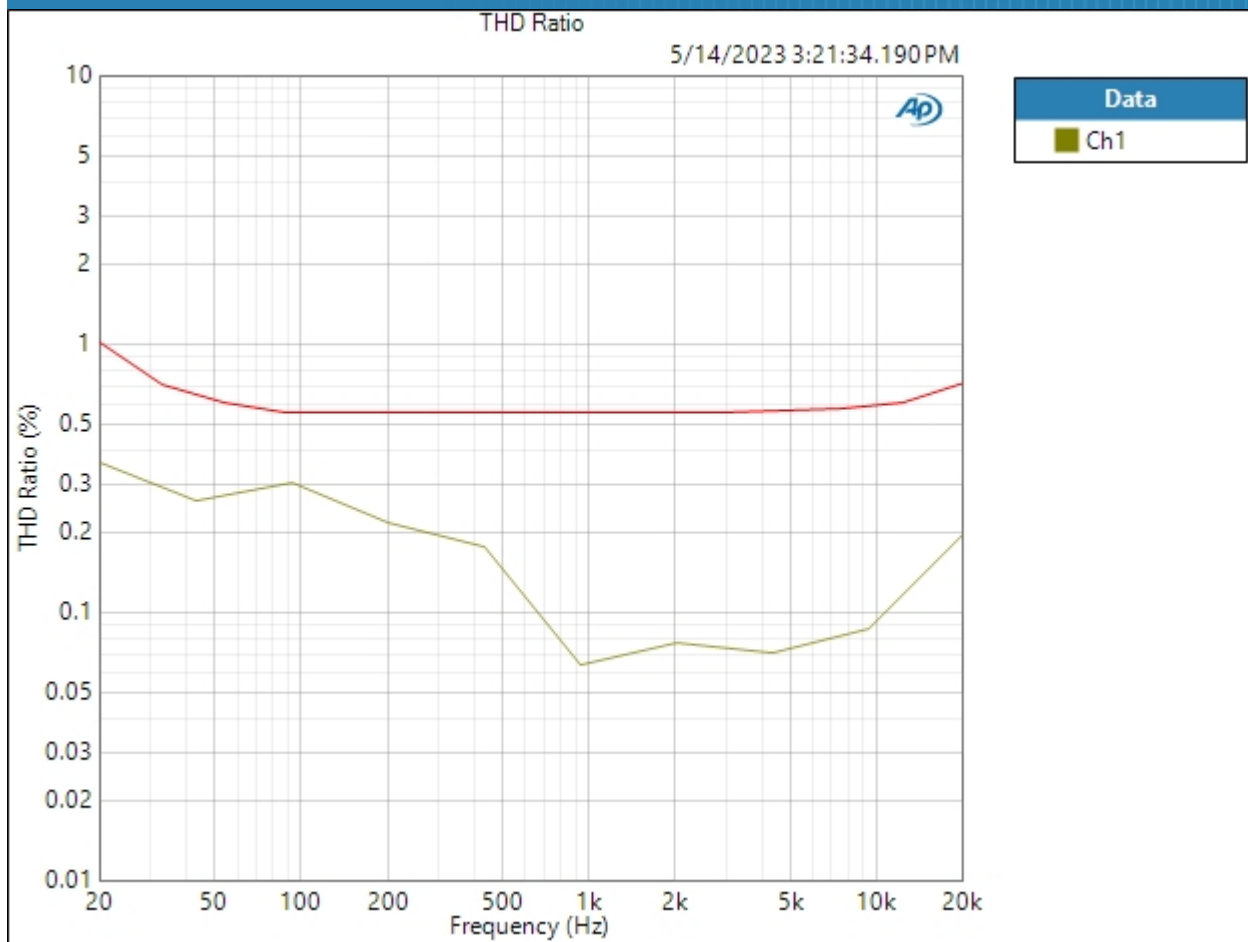
THD+N Ratio (5/14/2023 3:21:34.190 PM)



Result: PASSED

THD Ratio (5/14/2023 3:21:34.190 PM)

## Sequence Report



Ch1 PASSED

Result: PASSED

## Sequence Report



### Mic 2k 200k termination : Signal Path Setup

Output Connector:	Analog Balanced
Channels:	1
Source Impedance:	100 ohm
Output EQ:	None
Input Connector:	Analog Balanced
Channels:	1
Channel:	Ch1
Termination:	200 kohm
Input Bandwidth:	AC (<10 Hz) - 90k (192 kHz SR)
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:	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.



## Sequence Report



Mic 2k 200k termination : Verify Connections

Waveform: Sine

Generator Level: -42.300 dBu

DC Offset: 0.000 V

Frequency: 1.00000 kHz

RMS Level (5/14/2023 3:21:39.912 PM)

Ch1 514.2 mVrms

Gain (5/14/2023 3:21:39.912 PM)

Ch1 38.741 dB

THD+N Ratio (5/14/2023 3:21:39.912 PM)

Ch1 0.898305 %

Frequency (5/14/2023 3:21:39.912 PM)

Ch1 1.00000 kHz

## Sequence Report



Mic 2k 200k termination : Stepped Frequency Sweep MIC 2K

Generator Level: -42.300 dBu

DC Offset: 0.000 V

EQ: None

Start Frequency: 20.0000 kHz

Stop Frequency: 20.0000 Hz

Step Type: Logarithmic

Number of Points: 10

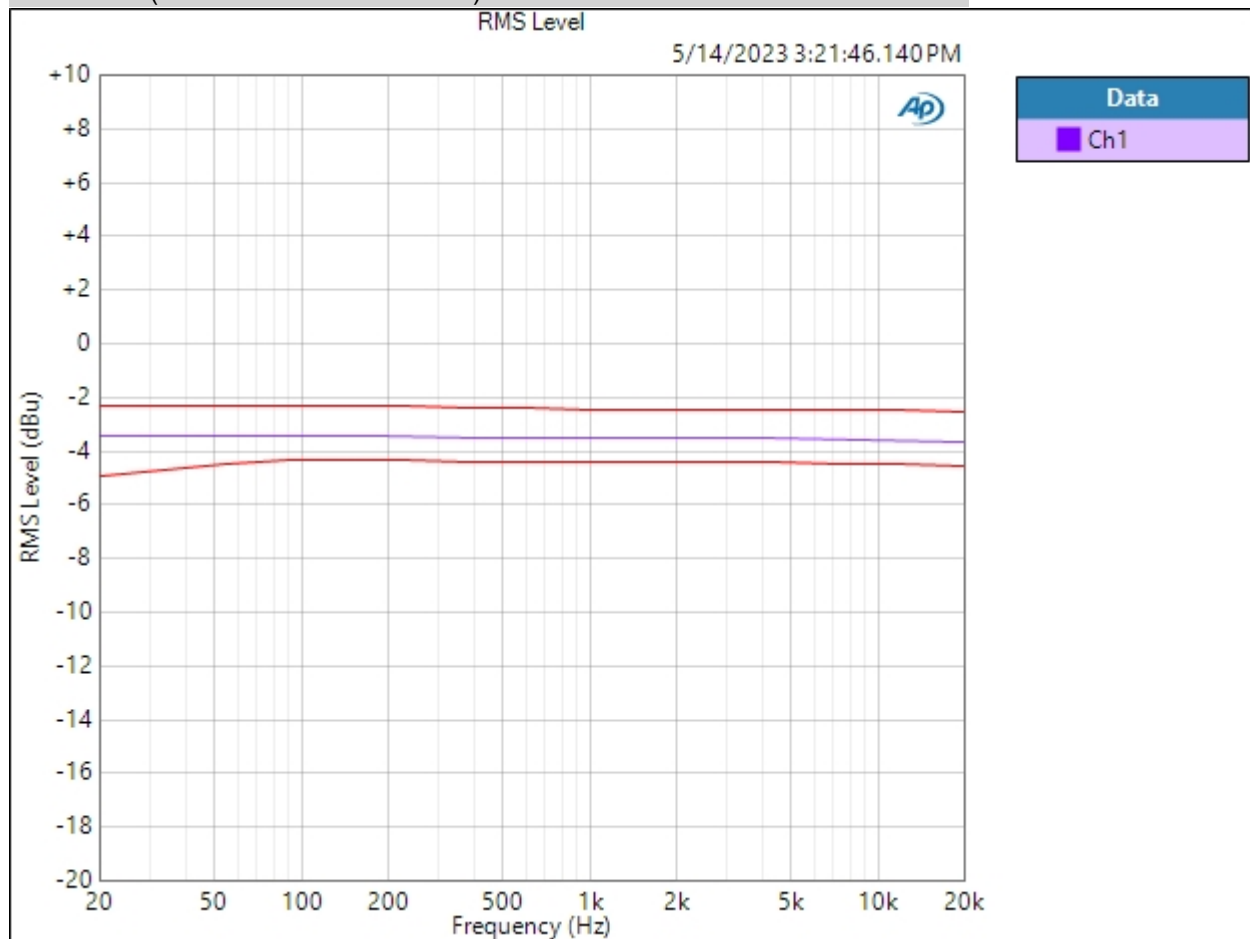
Weighting Filter: Signal Path

High-pass Filter: 20 Hz

Phase Ref Channel: Ch1

Measured 1 5/14/2023 3:21:46 PM

RMS Level (5/14/2023 3:21:46.140 PM)



Ch1 PASSED

5/14/2023 3:24 PM

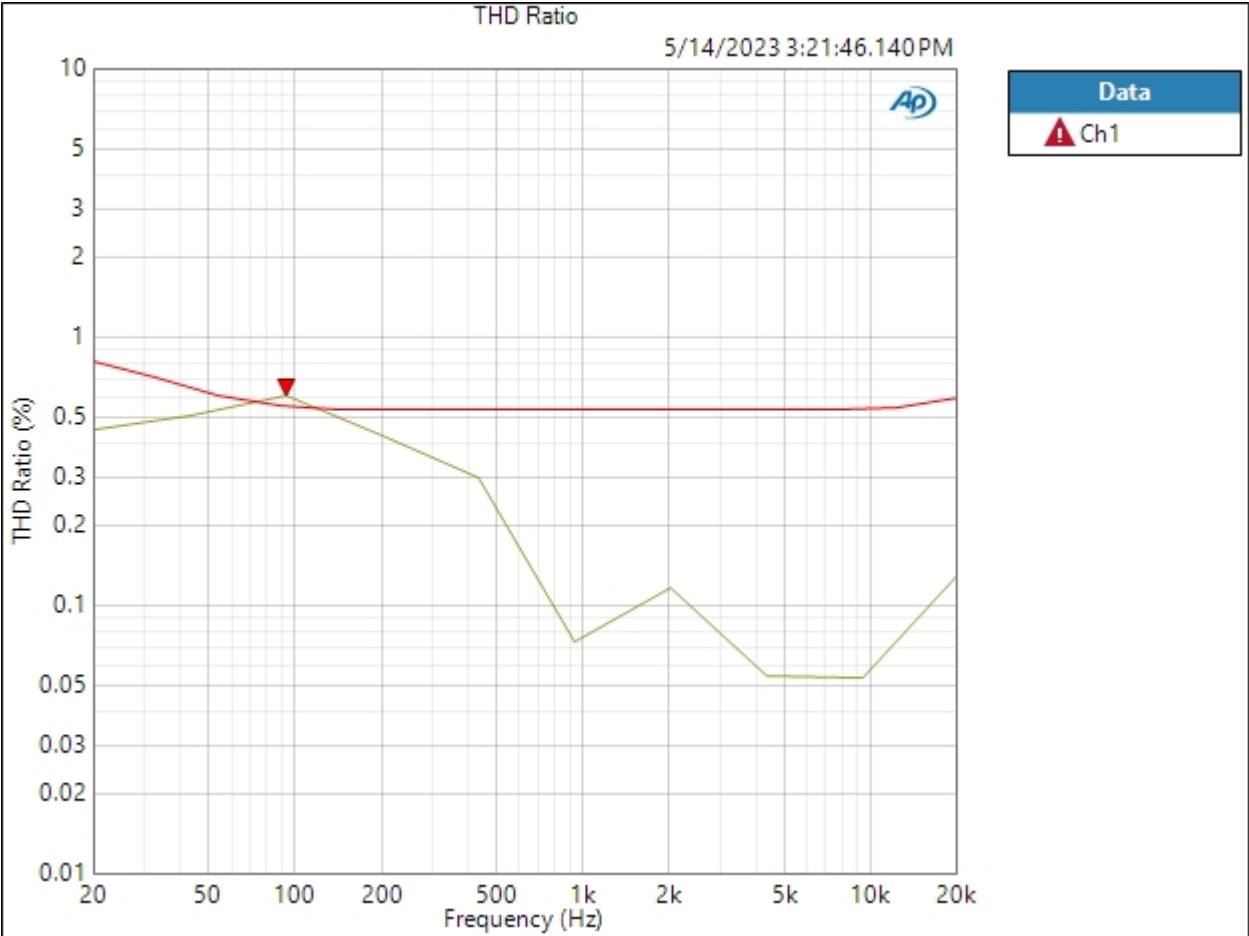
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Sequence Report



Result: PASSED

THD Ratio (5/14/2023 3:21:46.140 PM)



Ch1 Failed Upper Limit

Result: FAILED

## Sequence Report



Mic 2k 15dB PAD 200k termination : Signal Path Setup

Output Connector: Analog Balanced  
Channels: 1  
Source Impedance: 100 ohm  
Output EQ: None  
Input Connector: Analog Balanced  
Channels: 1  
Channel: Ch1  
Termination: 200 kohm  
Input Bandwidth: AC (<10 Hz) - 90k (192 kHz SR)  
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: 1.000 Vrms  
dBrB: 1.000 Vrms  
dBrA Offset: 0.000 dB  
dBrB Offset: 0.000 dB  
dBSPL1: 10.00 mVrms  
dBSPL2: 10.00 mVrms  
dBSPL1 Calibrator Level: 94.000 dB SPL  
dBSPL2 Calibrator Level: 94.000 dB SPL  
dBm (Input Power): 600.0 ohm  
W(watts) (Input Power): 8.000 ohm

• DCX

DCX is not detected.

## Sequence Report



Mic 2k 15dB PAD 200k termination : Verify Connections

Waveform: Sine

Generator Level: -42.300 dBu

DC Offset: 0.000 V

Frequency: 1.00000 kHz

RMS Level (5/14/2023 3:21:52.183 PM)

Ch1 76.56 mVrms

Gain (5/14/2023 3:21:52.183 PM)

Ch1 22.192 dB

THD+N Ratio (5/14/2023 3:21:52.183 PM)

Ch1 4.972988 %

Frequency (5/14/2023 3:21:52.183 PM)

Ch1 1.00000 kHz

## Sequence Report



Mic 2k 15dB PAD 200k termination : Stepped Frequency Sweep 15dB PAD

Generator Level: -42.000 dBu

DC Offset: 0.000 V

EQ: None

Start Frequency: 20.0000 kHz

Stop Frequency: 20.0000 Hz

Step Type: Logarithmic

Number of Points: 10

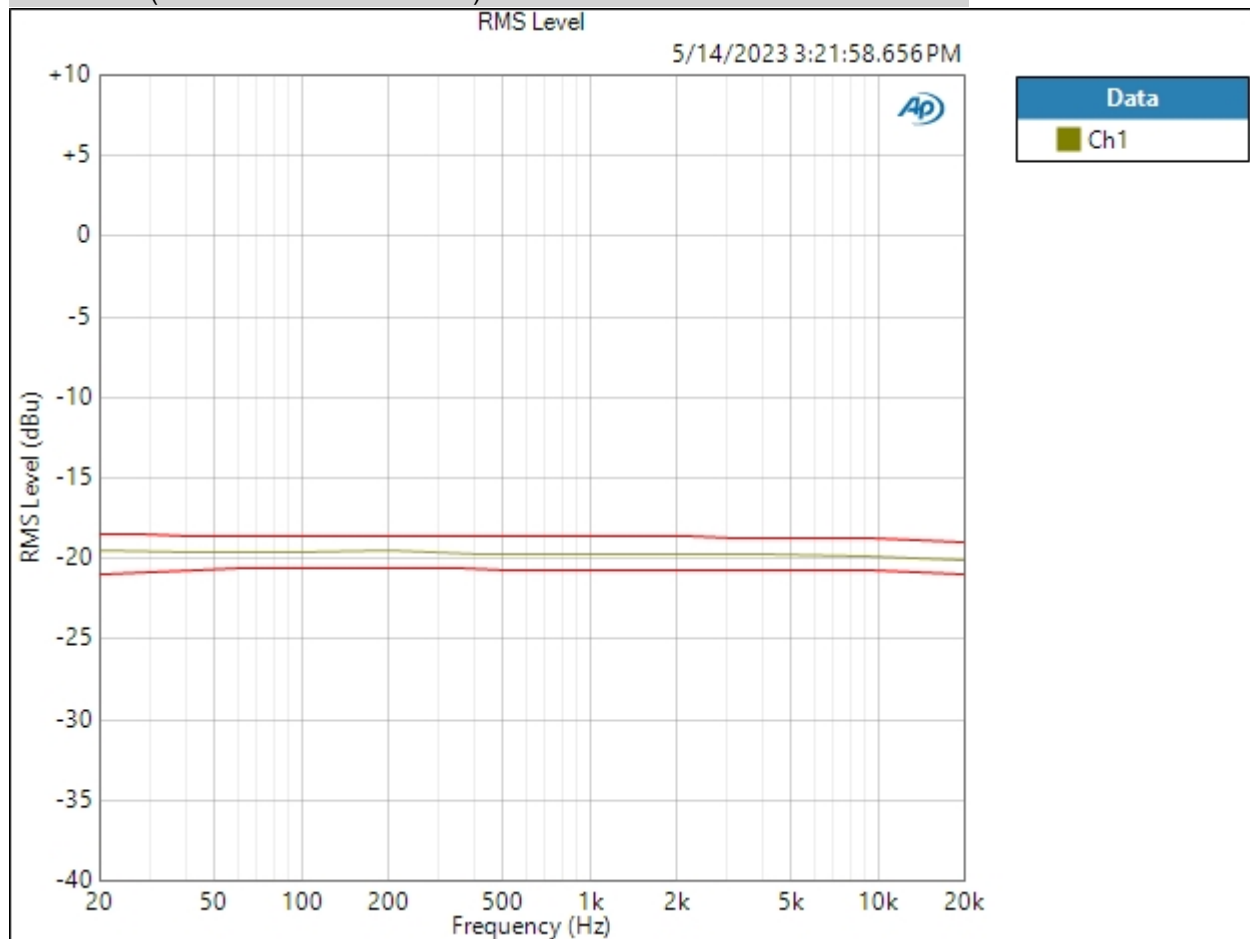
Weighting Filter: Signal Path

High-pass Filter: 20 Hz

Phase Ref Channel: Ch1

Measured 1 5/14/2023 3:21:58 PM

RMS Level (5/14/2023 3:21:58.656 PM)



Ch1 PASSED

5/14/2023 3:24 PM

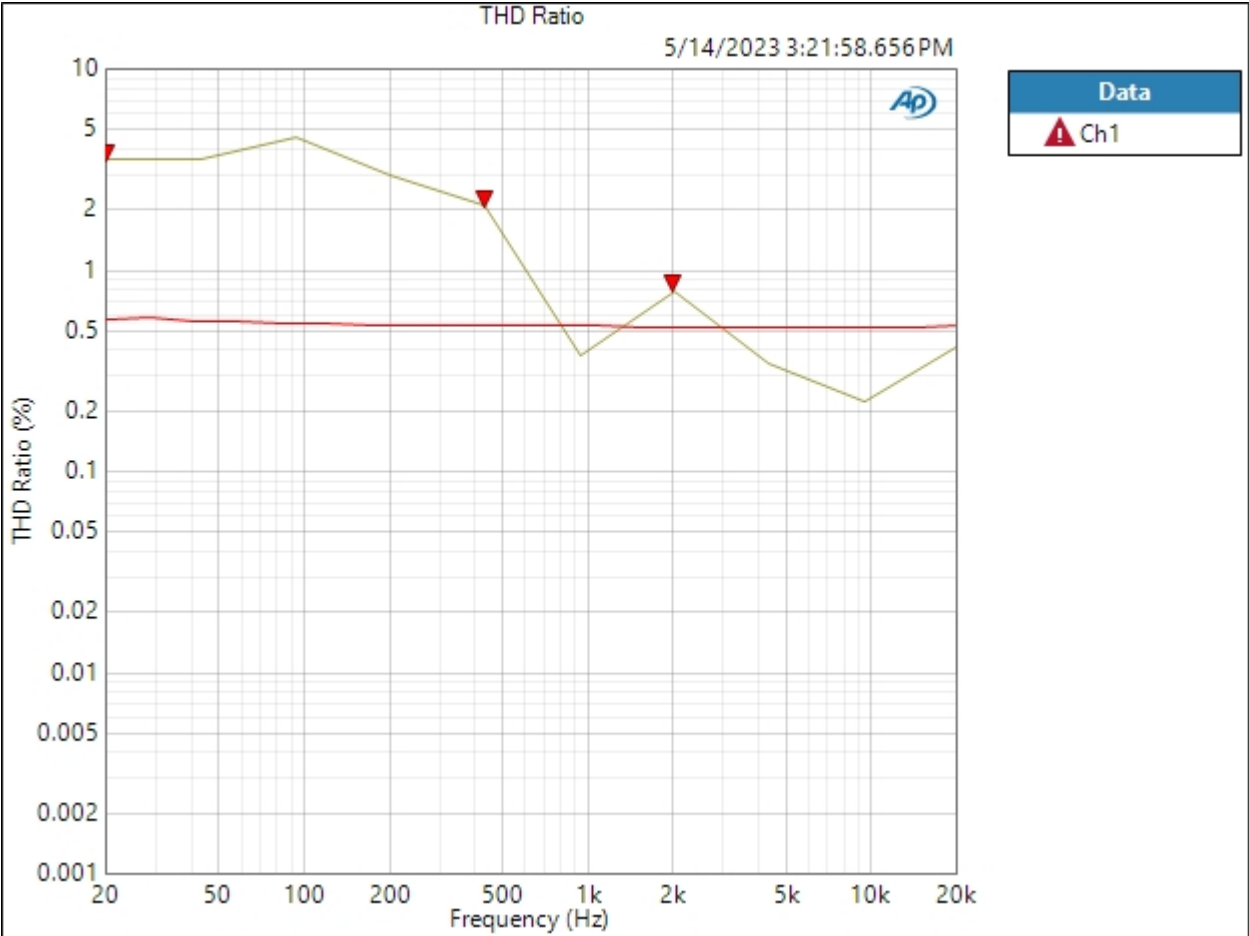
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# Sequence Report



Result: ✔ PASSED

THD Ratio (5/14/2023 3:21:58.656 PM)



Ch1 ⚠ Failed Upper Limit

Result: ⚠ FAILED

## Sequence Report



### Line Gain -10 200kTermination : Signal Path Setup

Output Connector: Analog Balanced  
Channels: 1  
Source Impedance: 100 ohm  
Output EQ: None  
Input Connector: Analog Balanced  
Channels: 1  
Channel: Ch1  
Termination: 200 kohm  
Input Bandwidth: AC (<10 Hz) - 90k (192 kHz SR)  
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: 1.000 Vrms  
dBrB: 1.000 Vrms  
dBrA Offset: 0.000 dB  
dBrB Offset: 0.000 dB  
dBSPL1: 10.00 mVrms  
dBSPL2: 10.00 mVrms  
dBSPL1 Calibrator Level: 94.000 dB SPL  
dBSPL2 Calibrator Level: 94.000 dB SPL  
dBm (Input Power): 600.0 ohm  
W(watts) (Input Power): 8.000 ohm

#### • DCX

DCX is not detected.



## Sequence Report



Line Gain -10 200kTermination : Verify Connections

Waveform: Sine

Generator Level: 0.000 dBu

DC Offset: 0.000 V

Frequency: 1.00000 kHz

RMS Level (5/14/2023 3:22:04.544 PM)

Ch1 0.905 Vrms

Gain (5/14/2023 3:22:04.544 PM)

Ch1 1.347 dB

THD+N Ratio (5/14/2023 3:22:04.544 PM)

Ch1 0.840139 %

Frequency (5/14/2023 3:22:04.544 PM)

Ch1 1.00000 kHz

## Sequence Report



Line Gain -10 200kTermination : Stepped Frequency Sweep -10

Generator Level: 0.000 dBu

DC Offset: 0.000 V

EQ: None

Start Frequency: 20.0000 kHz

Stop Frequency: 20.0000 Hz

Step Type: Logarithmic

Number of Points: 15

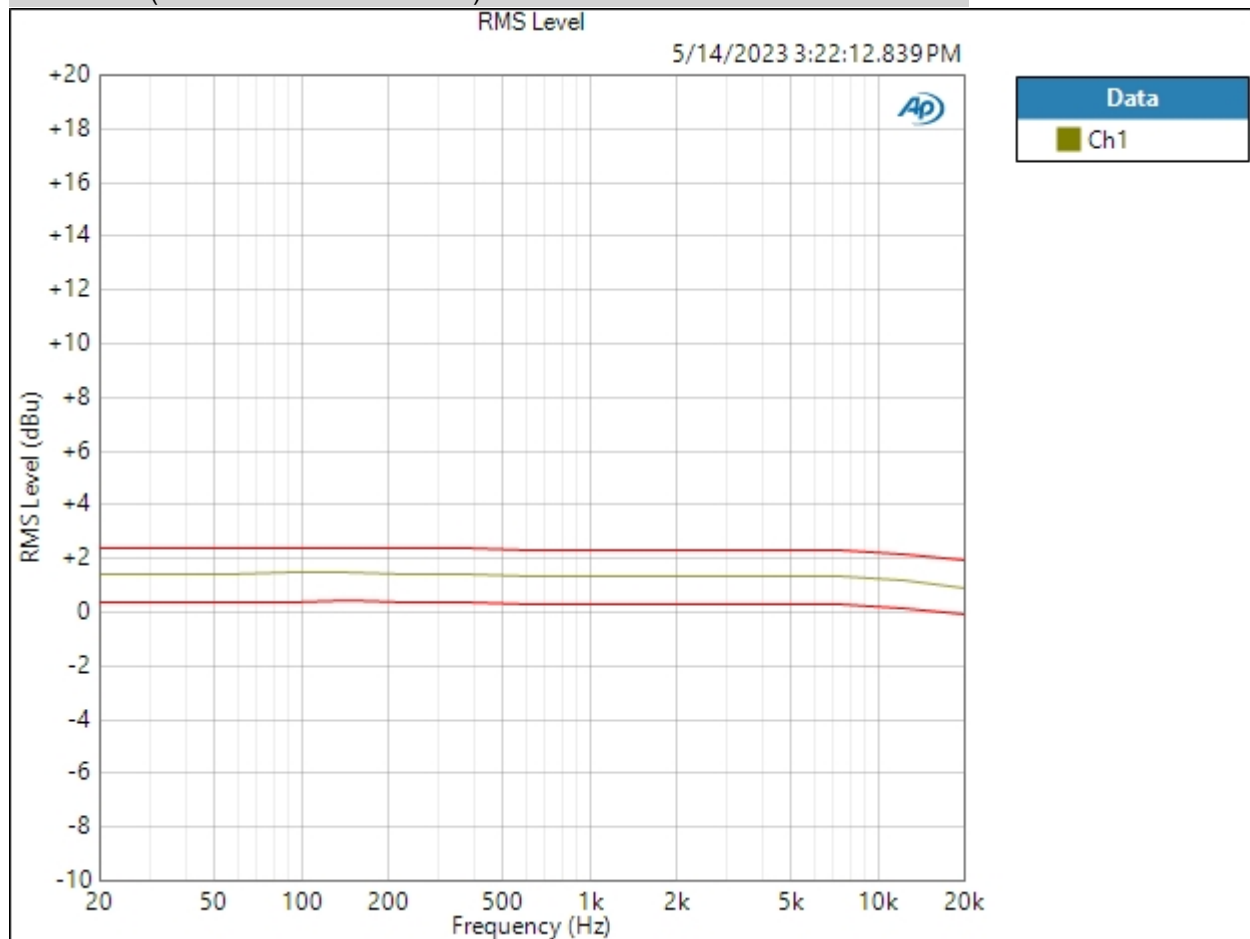
Weighting Filter: Signal Path

High-pass Filter: 20 Hz

Phase Ref Channel: Ch1

Measured 1 5/14/2023 3:22:12 PM

RMS Level (5/14/2023 3:22:12.839 PM)



Ch1 PASSED

5/14/2023 3:24 PM

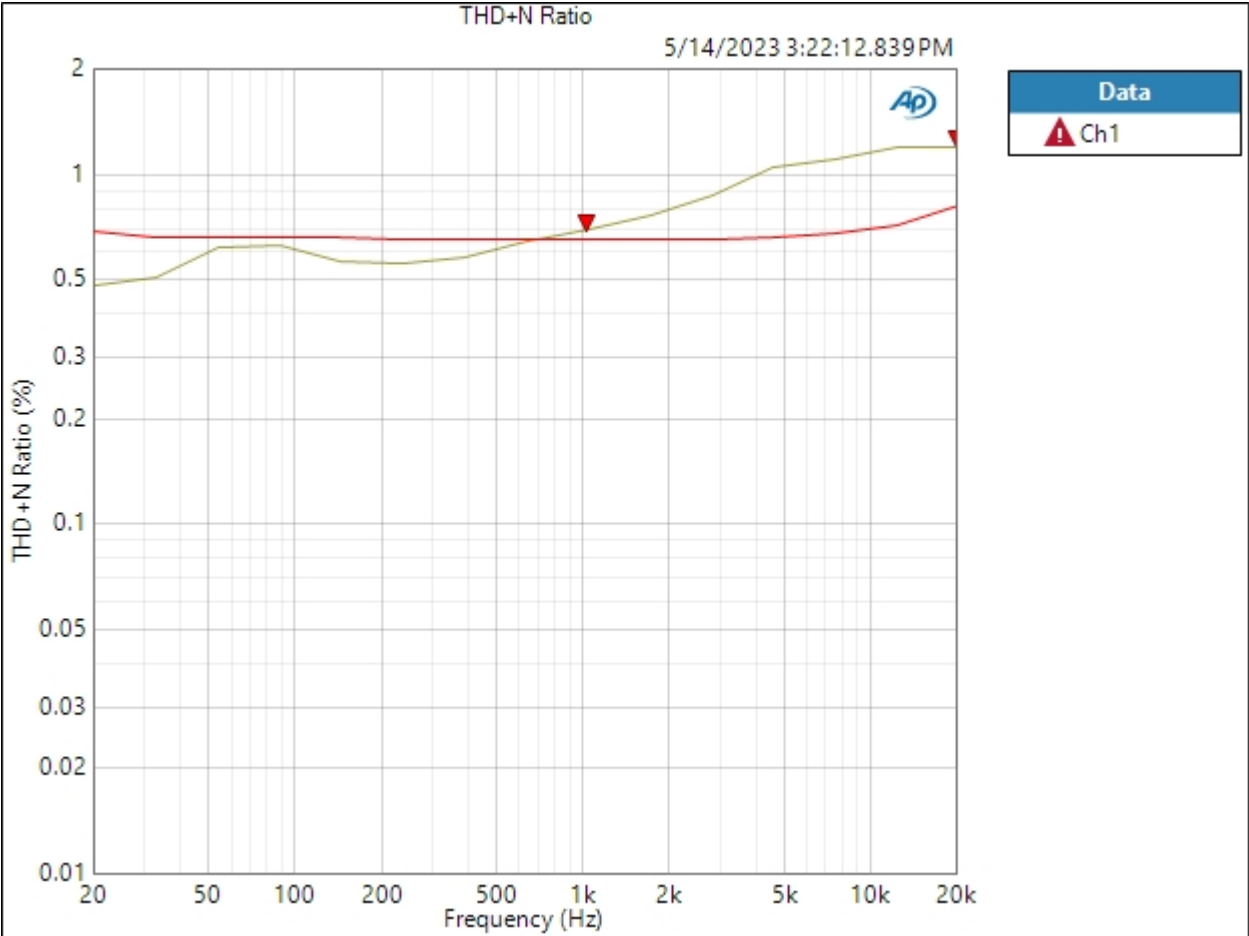
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# Sequence Report



Result: ✔ PASSED

THD+N Ratio (5/14/2023 3:22:12.839 PM)



Ch1 ⚠ Failed Upper Limit

Result: ⚠ FAILED

## Sequence Report



### Line Gain -10 600 Termination : Signal Path Setup

Output Connector: Analog Balanced  
Channels: 1  
Source Impedance: 100 ohm  
Output EQ: None  
Input Connector: Analog Balanced  
Channels: 1  
Channel: Ch1  
Termination: 600 ohm  
Input Bandwidth: AC (<10 Hz) - 90k (192 kHz SR)  
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: 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.

## Sequence Report



### Line Gain -10 600 Termination : Verify Connections

Waveform: Sine

Generator Level: -10.000 dBu

DC Offset: 0.000 V

Frequency: 1.00000 kHz

RMS Level (5/14/2023 3:22:18.943 PM)

Ch1 251.9 mVrms

Gain (5/14/2023 3:22:18.943 PM)

Ch1 0.244 dB

THD+N Ratio (5/14/2023 3:22:18.943 PM)

Ch1 2.258320 %

Frequency (5/14/2023 3:22:18.943 PM)

Ch1 1.00000 kHz

### Line Gain -10 600 Termination : Level and Gain -10

Waveform: Sine

Generator Level: -10.000 dBu

DC Offset: 0.000 V

Frequency: 1.00000 kHz

RMS Level (5/14/2023 3:22:22.367 PM)

Channel	Lower Limit	Value	Upper Limit	
Ch1	-11.500 dBu	-9.757 dBu	-8.500 dBu	✓

Result: ✓ PASSED

## Sequence Report



### Line Gain +5 200kTermination : Signal Path Setup

Output Connector: Analog Balanced  
Channels: 1  
Source Impedance: 100 ohm  
Output EQ: None  
Input Connector: Analog Balanced  
Channels: 1  
Channel: Ch1  
Termination: 200 kohm  
Input Bandwidth: AC (<10 Hz) - 90k (192 kHz SR)  
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: 1.000 Vrms  
dBrB: 1.000 Vrms  
dBrA Offset: 0.000 dB  
dBrB Offset: 0.000 dB  
dBSPL1: 10.00 mVrms  
dBSPL2: 10.00 mVrms  
dBSPL1 Calibrator Level: 94.000 dB SPL  
dBSPL2 Calibrator Level: 94.000 dB SPL  
dBm (Input Power): 600.0 ohm  
W(watts) (Input Power): 8.000 ohm

#### • DCX

DCX is not detected.

## Sequence Report



Line Gain +5 200kTermination : Verify Connections

Waveform: Sine

Generator Level: 0.000 dBu

DC Offset: 0.000 V

Frequency: 1.00000 kHz

RMS Level (5/14/2023 3:22:28.327 PM)

Ch1 4.882 Vrms

Gain (5/14/2023 3:22:28.327 PM)

Ch1 15.992 dB

THD+N Ratio (5/14/2023 3:22:28.327 PM)

Ch1 0.518271 %

Frequency (5/14/2023 3:22:28.327 PM)

Ch1 1.00000 kHz

## Sequence Report



Line Gain +5 200kTermination : Stepped Frequency Sweep +5

Generator Level: 0.000 dBu

DC Offset: 0.000 V

EQ: None

Start Frequency: 20.0000 kHz

Stop Frequency: 20.0000 Hz

Step Type: Logarithmic

Number of Points: 15

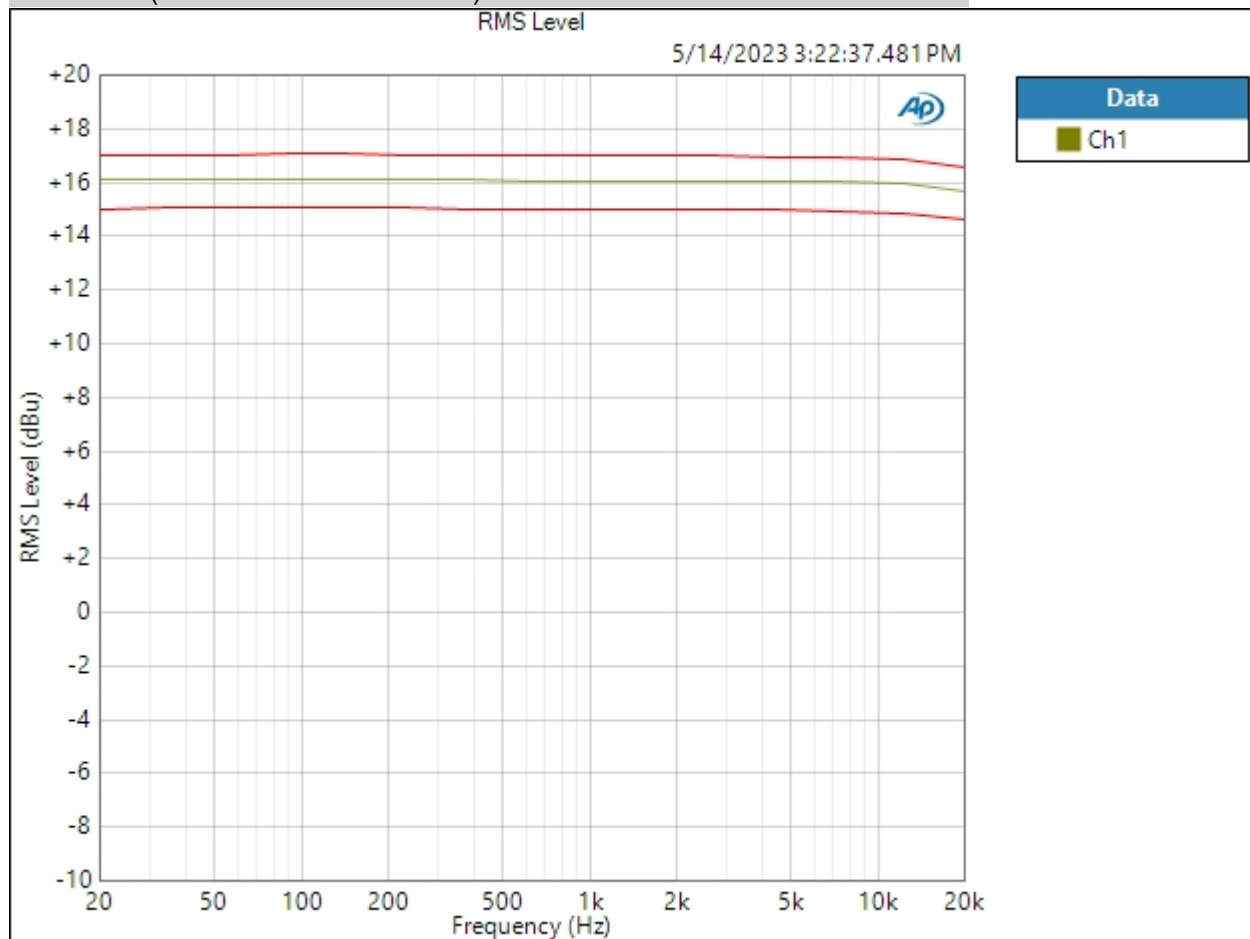
Weighting Filter: Signal Path

High-pass Filter: 20 Hz

Phase Ref Channel: Ch1

Measured 1 5/14/2023 3:22:37 PM

RMS Level (5/14/2023 3:22:37.481 PM)



Ch1 PASSED

5/14/2023 3:24 PM

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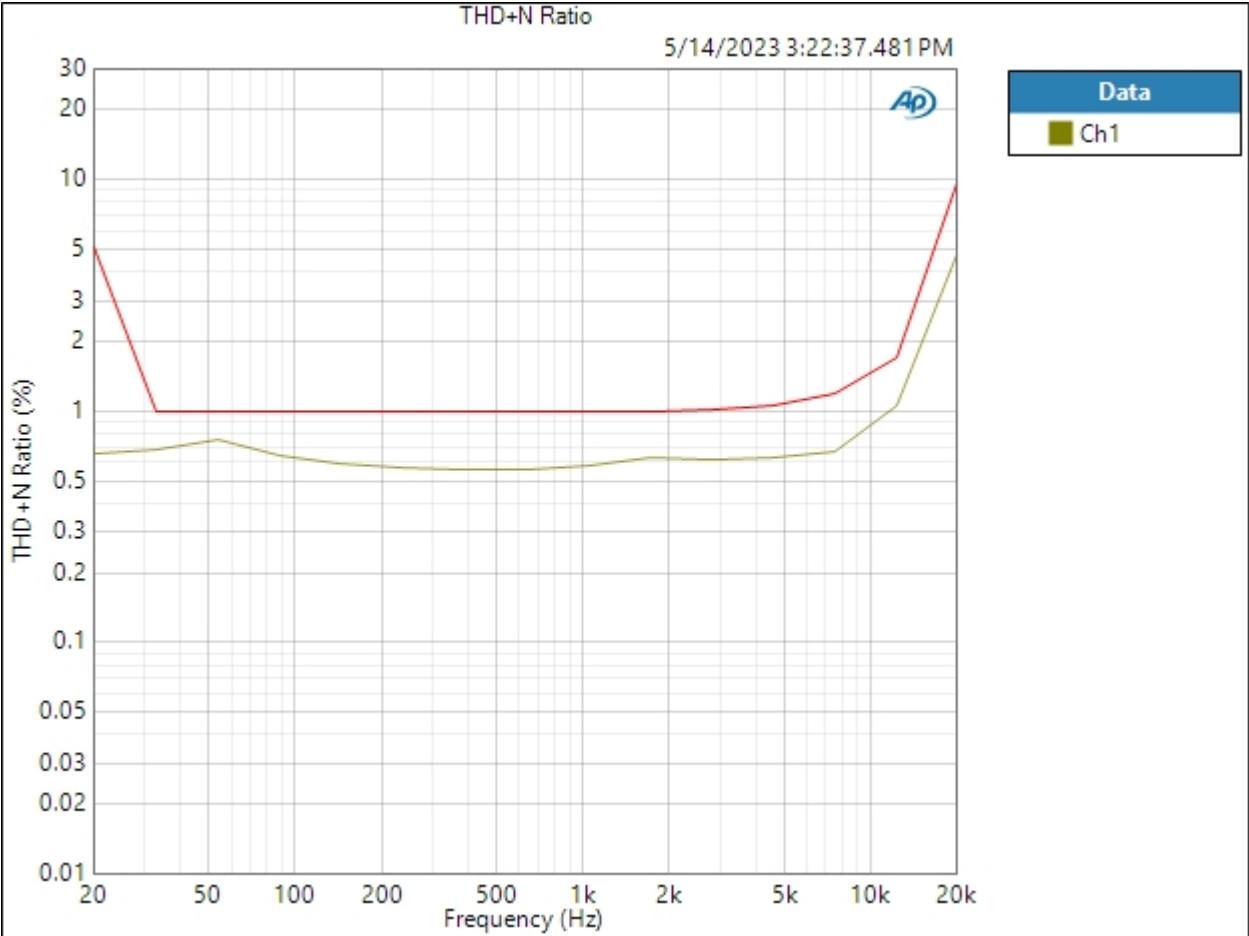


# Sequence Report



Result: ✔ PASSED

THD+N Ratio (5/14/2023 3:22:37.481 PM)



Ch1 ✔ PASSED

Result: ✔ PASSED

## Sequence Report



### Line Gain +5 600 Termination : Signal Path Setup

Output Connector:	Analog Balanced
Channels:	1
Source Impedance:	100 ohm
Output EQ:	None
Input Connector:	Analog Balanced
Channels:	1
Channel:	Ch1
Termination:	600 ohm
Input Bandwidth:	AC (<10 Hz) - 90k (192 kHz SR)
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:	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.

## Sequence Report



### Line Gain +5 600 Termination : Verify Connections

Waveform: Sine

Generator Level: -10.000 dBu

DC Offset: 0.000 V

Frequency: 1.00000 kHz

RMS Level (5/14/2023 3:22:43.852 PM)

Ch1 1.361 Vrms

Gain (5/14/2023 3:22:43.852 PM)

Ch1 14.897 dB

THD+N Ratio (5/14/2023 3:22:43.852 PM)

Ch1 2.251972 %

Frequency (5/14/2023 3:22:43.852 PM)

Ch1 1.00000 kHz

### Line Gain +5 600 Termination : Level and Gain +5

Waveform: Sine

Generator Level: -10.000 dBu

DC Offset: 0.000 V

Frequency: 1.00000 kHz

RMS Level (5/14/2023 3:22:47.269 PM)

Channel	Lower Limit	Value	Upper Limit	
Ch1	+3.500 dBu	+4.893 dBu	+6.500 dBu	✓

Result: ✓ PASSED

## Sequence Report



### Line Gain -5 600 Termination : Signal Path Setup

Output Connector: Analog Balanced  
Channels: 1  
Source Impedance: 100 ohm  
Output EQ: None  
Input Connector: Analog Balanced  
Channels: 1  
Channel: Ch1  
Termination: 600 ohm  
Input Bandwidth: AC (<10 Hz) - 90k (192 kHz SR)  
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: 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.

## Sequence Report



### Line Gain -5 600 Termination : Verify Connections

Waveform: Sine

Generator Level: -10.000 dBu

DC Offset: 0.000 V

Frequency: 1.00000 kHz

RMS Level (5/14/2023 3:22:53.336 PM)

Ch1 421.3 mVrms

Gain (5/14/2023 3:22:53.336 PM)

Ch1 4.709 dB

THD+N Ratio (5/14/2023 3:22:53.336 PM)

Ch1 1.255834 %

Frequency (5/14/2023 3:22:53.336 PM)

Ch1 1.00000 kHz

### Line Gain -5 600 Termination : Level and Gain -5

Waveform: Sine

Generator Level: -10.000 dBu

DC Offset: 0.000 V

Frequency: 1.00000 kHz

RMS Level (5/14/2023 3:22:56.669 PM)

Channel	Lower Limit	Value	Upper Limit	
Ch1	-6.500 dBu	-5.291 dBu	-3.500 dBu	✓

Result: ✓ PASSED

## Sequence Report



### Line Gain 0 600 Termination : Signal Path Setup

Output Connector:	Analog Balanced
Channels:	1
Source Impedance:	100 ohm
Output EQ:	None
Input Connector:	Analog Balanced
Channels:	1
Channel:	Ch1
Termination:	600 ohm
Input Bandwidth:	AC (<10 Hz) - 90k (192 kHz SR)
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:	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.

## Sequence Report



### Line Gain 0 600 Termination : Verify Connections

Waveform: Sine

Generator Level: -10.000 dBu

DC Offset: 0.000 V

Frequency: 1.00000 kHz

RMS Level (5/14/2023 3:23:02.842 PM)

Ch1 734.9 mVrms

Gain (5/14/2023 3:23:02.842 PM)

Ch1 9.544 dB

THD+N Ratio (5/14/2023 3:23:02.842 PM)

Ch1 0.855611 %

Frequency (5/14/2023 3:23:02.842 PM)

Ch1 1.00000 kHz

### Line Gain 0 600 Termination : Level and Gain 0

Waveform: Sine

Generator Level: -10.000 dBu

DC Offset: 0.000 V

Frequency: 1.00000 kHz

RMS Level (5/14/2023 3:23:06.256 PM)

Channel	Lower Limit	Value	Upper Limit	
Ch1	-1.500 dBu	-0.456 dBu	+1.500 dBu	✓

Result: ✓ PASSED

## Sequence Report



### Line Gain +10 600 Termination : Signal Path Setup

Output Connector: Analog Balanced  
Channels: 1  
Source Impedance: 100 ohm  
Output EQ: None  
Input Connector: Analog Balanced  
Channels: 1  
Channel: Ch1  
Termination: 600 ohm  
Input Bandwidth: AC (<10 Hz) - 90k (192 kHz SR)  
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: 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.



## Sequence Report



### Line Gain +10 600 Termination : Verify Connections

Waveform: Sine

Generator Level: -10.000 dBu

DC Offset: 0.000 V

Frequency: 1.00000 kHz

RMS Level (5/14/2023 3:23:12.351 PM)

Ch1 2.402 Vrms

Gain (5/14/2023 3:23:12.351 PM)

Ch1 19.833 dB

THD+N Ratio (5/14/2023 3:23:12.351 PM)

Ch1 0.945153 %

Frequency (5/14/2023 3:23:12.351 PM)

Ch1 1.00000 kHz

### Line Gain +10 600 Termination : Level and Gain +10

Waveform: Sine

Generator Level: -10.000 dBu

DC Offset: 0.000 V

Frequency: 1.00000 kHz

RMS Level (5/14/2023 3:23:15.908 PM)

Channel	Lower Limit	Value	Upper Limit	
Ch1	+8.500 dBu	+9.831 dBu	+11.500 dBu	✓

Result: ✓ PASSED

## Sequence Report



Line Gain +10 200k Termination Level Hi : Signal Path Setup

Output Connector: Analog Balanced  
Channels: 1  
Source Impedance: 100 ohm  
Output EQ: None  
Input Connector: Analog Balanced  
Channels: 1  
Channel: Ch1  
Termination: 200 kohm  
Input Bandwidth: AC (<10 Hz) - 90k (192 kHz SR)  
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: 1.000 Vrms  
dBrB: 1.000 Vrms  
dBrA Offset: 0.000 dB  
dBrB Offset: 0.000 dB  
dBSPL1: 10.00 mVrms  
dBSPL2: 10.00 mVrms  
dBSPL1 Calibrator Level: 94.000 dB SPL  
dBSPL2 Calibrator Level: 94.000 dB SPL  
dBm (Input Power): 600.0 ohm  
W(watts) (Input Power): 8.000 ohm

### • DCX

DCX is not detected.

## Sequence Report



Line Gain +10 200k Termination Level Hi : Verify Connections

Waveform: Sine

Generator Level: -20.000 dBu

DC Offset: 0.000 V

Frequency: 1.00000 kHz

RMS Level (5/14/2023 3:23:22.124 PM)

Ch1 865.5 mVrms

Gain (5/14/2023 3:23:22.124 PM)

Ch1 20.965 dB

THD+N Ratio (5/14/2023 3:23:22.124 PM)

Ch1 3.488269 %

Frequency (5/14/2023 3:23:22.124 PM)

Ch1 1.00000 kHz

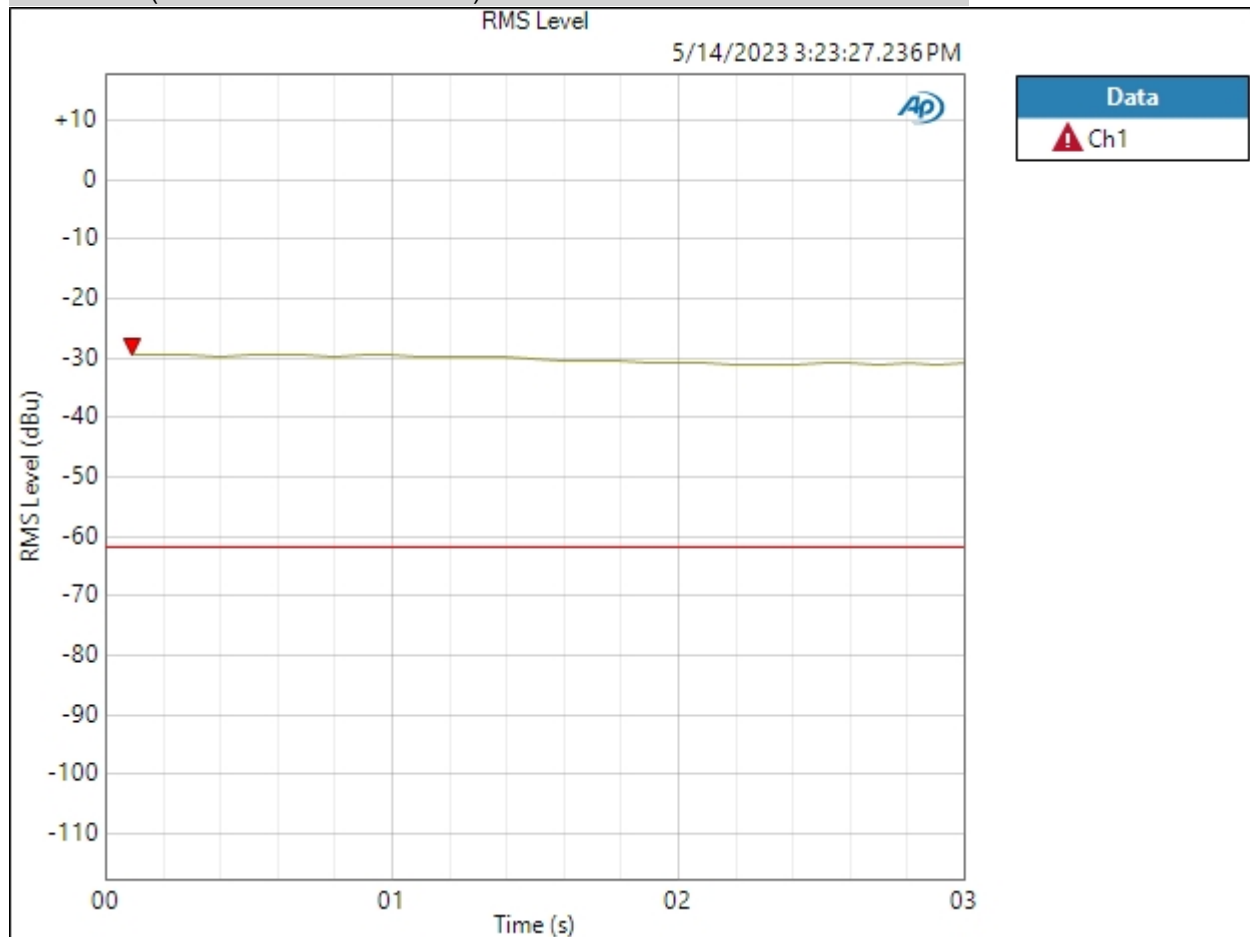
## Sequence Report



Line Gain +10 200k Termination Level Hi : Noise Recorder (RMS) CW

Waveform: None  
Low-pass Filter: 20 kHz  
Weighting Filter: Signal Path  
High-pass Filter: 20 Hz  
Sweep Time: 0.00:00:03.000  
Reading Rate: 10/sec  
Input Bandwidth: Use Signal Path  
Record Acquisition: False  
Measured 1 5/14/2023 3:23:27 PM

RMS Level (5/14/2023 3:23:27.236 PM)



Ch1 ! Failed Upper Limit

Result: ! FAILED

5/14/2023 3:24 PM

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## Line Gain +10 200k Termination Level Low : Signal Path Setup

Output Connector:	Analog Balanced
Channels:	1
Source Impedance:	100 ohm
Output EQ:	None
Input Connector:	Analog Balanced
Channels:	1
Channel:	Ch1
Termination:	200 kohm
Input Bandwidth:	AC (<10 Hz) - 90k (192 kHz SR)
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:	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.

## Sequence Report



Line Gain +10 200k Termination Level Low : Verify Connections

Waveform: Sine

Generator Level: -20.000 dBu

DC Offset: 0.000 V

Frequency: 1.00000 kHz

RMS Level (5/14/2023 3:23:33.362 PM)

Ch1 865.5 mVrms

Gain (5/14/2023 3:23:33.362 PM)

Ch1 20.964 dB

THD+N Ratio (5/14/2023 3:23:33.362 PM)

Ch1 3.549878 %

Frequency (5/14/2023 3:23:33.362 PM)

Ch1 1.00000 kHz

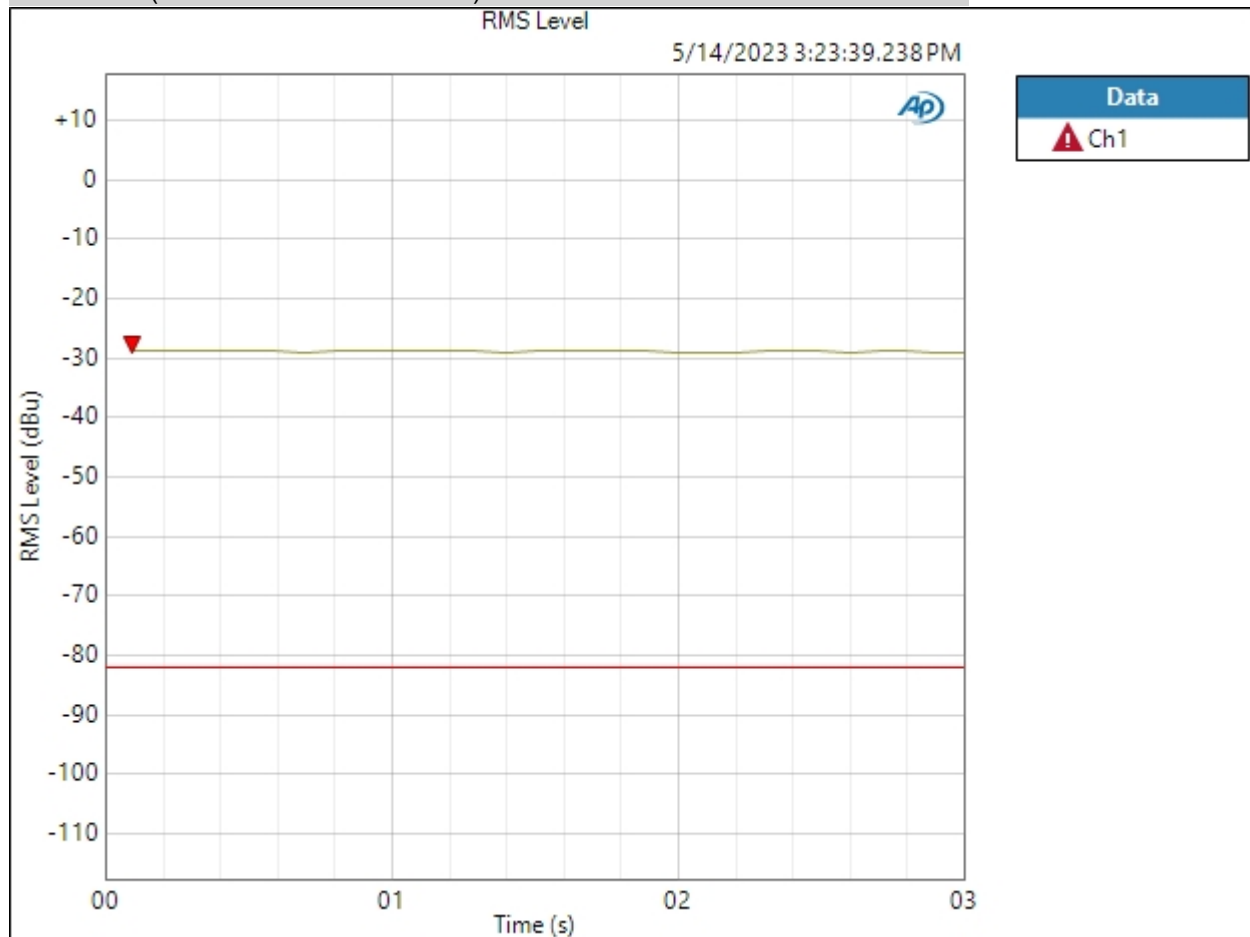
## Sequence Report



Line Gain +10 200k Termination Level Low : Noise Recorder (RMS) CCW

Waveform: None  
Low-pass Filter: 20 kHz  
Weighting Filter: Signal Path  
High-pass Filter: 20 Hz  
Sweep Time: 0.00:00:03.000  
Reading Rate: 10/sec  
Input Bandwidth: Use Signal Path  
Record Acquisition: False  
Measured 1 5/14/2023 3:23:39 PM

RMS Level (5/14/2023 3:23:39.238 PM)



Ch1 Failed Upper Limit

Result: FAILED

5/14/2023 3:24 PM

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## Hi Z Gain -10 2.2M 200k Termination : Signal Path Setup

Output Connector:	Analog Balanced
Channels:	2
Source Impedance:	100 ohm
Output EQ:	None
Input Connector:	Analog Balanced
Channels:	1
Channel:	Ch1
Termination:	200 kohm
Input Bandwidth:	AC (<10 Hz) - 90k (192 kHz SR)
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:	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.



## Sequence Report



### Hi Z Gain -10 2.2M 200k Termination : Verify Connections

Waveform: Sine

Generator Level: -22.300 dBu

DC Offset: 0.000 V

Frequency: 1.00000 kHz

RMS Level (5/14/2023 3:23:45.409 PM)

Ch1 8.245 mVrms

Gain (5/14/2023 3:23:45.409 PM)

Ch1 -17.157 dB

THD+N Ratio (5/14/2023 3:23:45.409 PM)

Ch1 ---- %

Frequency (5/14/2023 3:23:45.409 PM)

Ch1 60.0168 Hz

### Hi Z Gain -10 2.2M 200k Termination : Level and Gain 2.2M


Waveform: Sine

Generator Level: -22.300 dBu

DC Offset: 0.000 V

Frequency: 1.00000 kHz

RMS Level (5/14/2023 3:23:49.610 PM)

Channel	Lower Limit	Value	Upper Limit	
Ch1	-2.000 dBu	-30.485 dBu	+2.000 dBu	

Result:  FAILED

## Sequence Report



Hi Z Gain -10 47k 200k Termination : Signal Path Setup

Output Connector: Analog Unbalanced  
Channels: 2  
Source Impedance: 50 ohm  
Output EQ: None  
Input Connector: Analog Balanced  
Channels: 1  
Channel: Ch1  
Termination: 200 kohm  
Input Bandwidth: AC (<10 Hz) - 90k (192 kHz SR)  
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: 1.000 Vrms  
dBrB: 1.000 Vrms  
dBrA Offset: 0.000 dB  
dBrB Offset: 0.000 dB  
dBSPL1: 10.00 mVrms  
dBSPL2: 10.00 mVrms  
dBSPL1 Calibrator Level: 94.000 dB SPL  
dBSPL2 Calibrator Level: 94.000 dB SPL  
dBm (Input Power): 600.0 ohm  
W(watts) (Input Power): 8.000 ohm

### • DCX

DCX is not detected.

## Sequence Report



### Hi Z Gain -10 47k 200k Termination : Verify Connections

Waveform: Sine

Generator Level: -22.300 dBu

DC Offset: 0.000 V

Frequency: 1.00000 kHz

RMS Level (5/14/2023 3:23:55.674 PM)

Ch1 4.143 mVrms

Gain (5/14/2023 3:23:55.674 PM)

Ch1 -22.907 dB

THD+N Ratio (5/14/2023 3:23:55.674 PM)

Ch1 ---- %

Frequency (5/14/2023 3:23:55.674 PM)

Ch1 ---- Hz

### Hi Z Gain -10 47k 200k Termination : Level and Gain 47K

Waveform: Sine

Generator Level: -22.300 dBu

DC Offset: 0.000 V

Frequency: 1.00000 kHz

RMS Level (5/14/2023 3:23:59.159 PM)

Channel	Lower Limit	Value	Upper Limit
Ch1	-8.000 dBu	-44.952 dBu	-4.000 dBu



Result: FAILED

## Sequence Report



### Dummy Signal Path For Report : Signal Path Setup

Output Connector:	Analog Unbalanced
Channels:	2
Source Impedance:	50 ohm
Output EQ:	None
Input Connector:	Analog Unbalanced
Channels:	2
Termination:	100 kohm
Input Bandwidth:	AC (<10 Hz) - 90k (192 kHz SR)
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:	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.

## Sequence Report



Dummy Signal Path For Report : Verify Connections

Waveform: Sine

Generator Level: 100.0 mVrms

DC Offset: 0.000 V

Frequency: 1.00000 kHz

RMS Level (5/14/2023 3:24:03.544 PM)

Ch1 7.423 uVrms

Ch2 7.395 uVrms