

## 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 PASSED

#### 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 PASSED

#### 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 PASSED

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

|                                    |          |
|------------------------------------|----------|
| Signal Path Setup                  | ✓ PASSED |
| Level and Gain 2.2M                | ✓ PASSED |
| Hi Z Gain -10 47k 200k Termination |          |
| Signal Path Setup                  | ✓ PASSED |
| Level and Gain 47K                 | ✓ PASSED |
| 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 (5/25/2023 4:41:39.125 PM)

Ch1 880.2 mVrms

Gain (5/25/2023 4:41:39.125 PM)

Ch1 43.411 dB

THD+N Ratio (5/25/2023 4:41:39.125 PM)

Ch1 0.154667 %

Frequency (5/25/2023 4:41:39.125 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

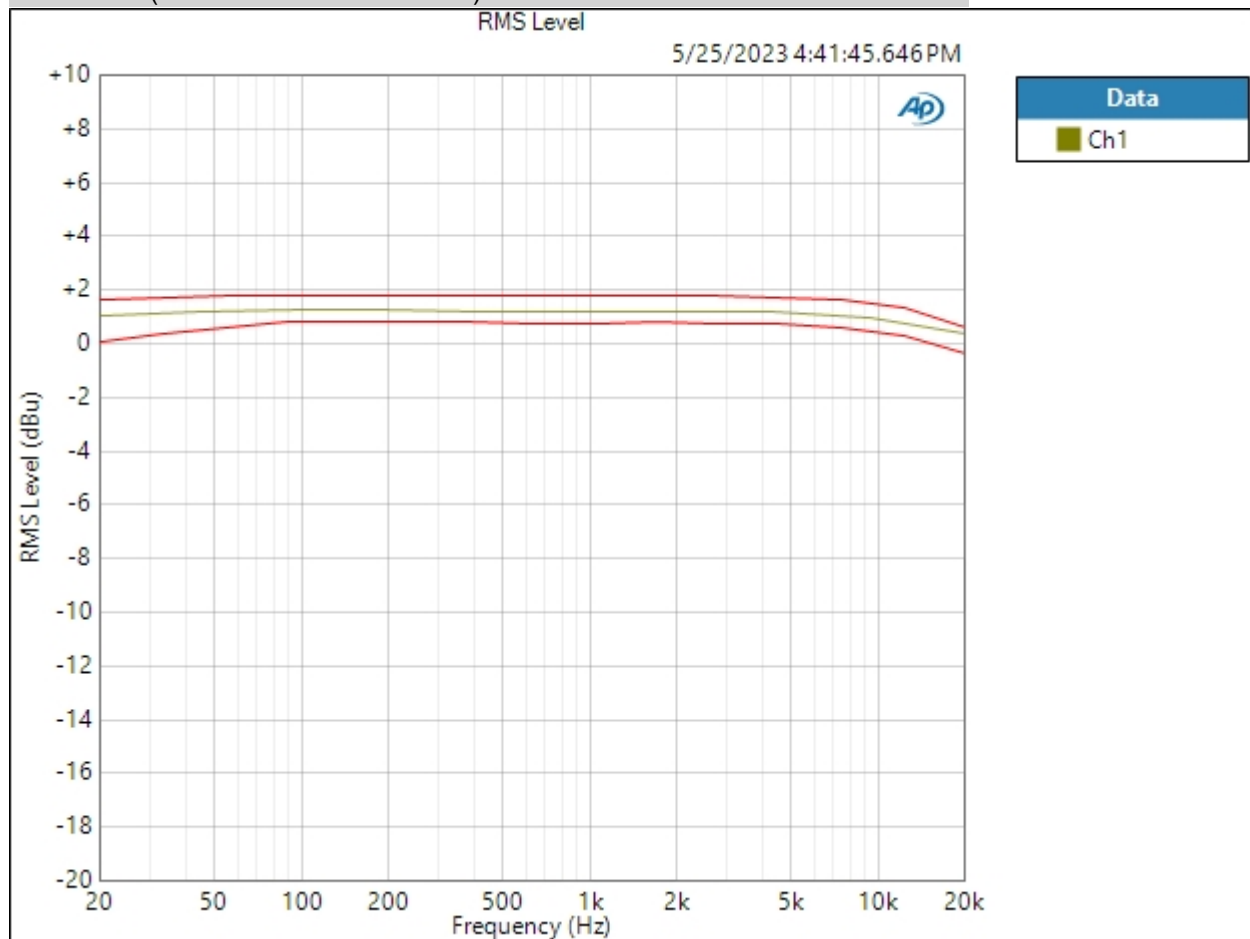
Weighting Filter: Signal Path

High-pass Filter: 20 Hz

Phase Ref Channel: Ch1

Measured 1 5/25/2023 4:41:45 PM

RMS Level (5/25/2023 4:41:45.646 PM)



Ch1 PASSED

5/25/2023 4:44 PM

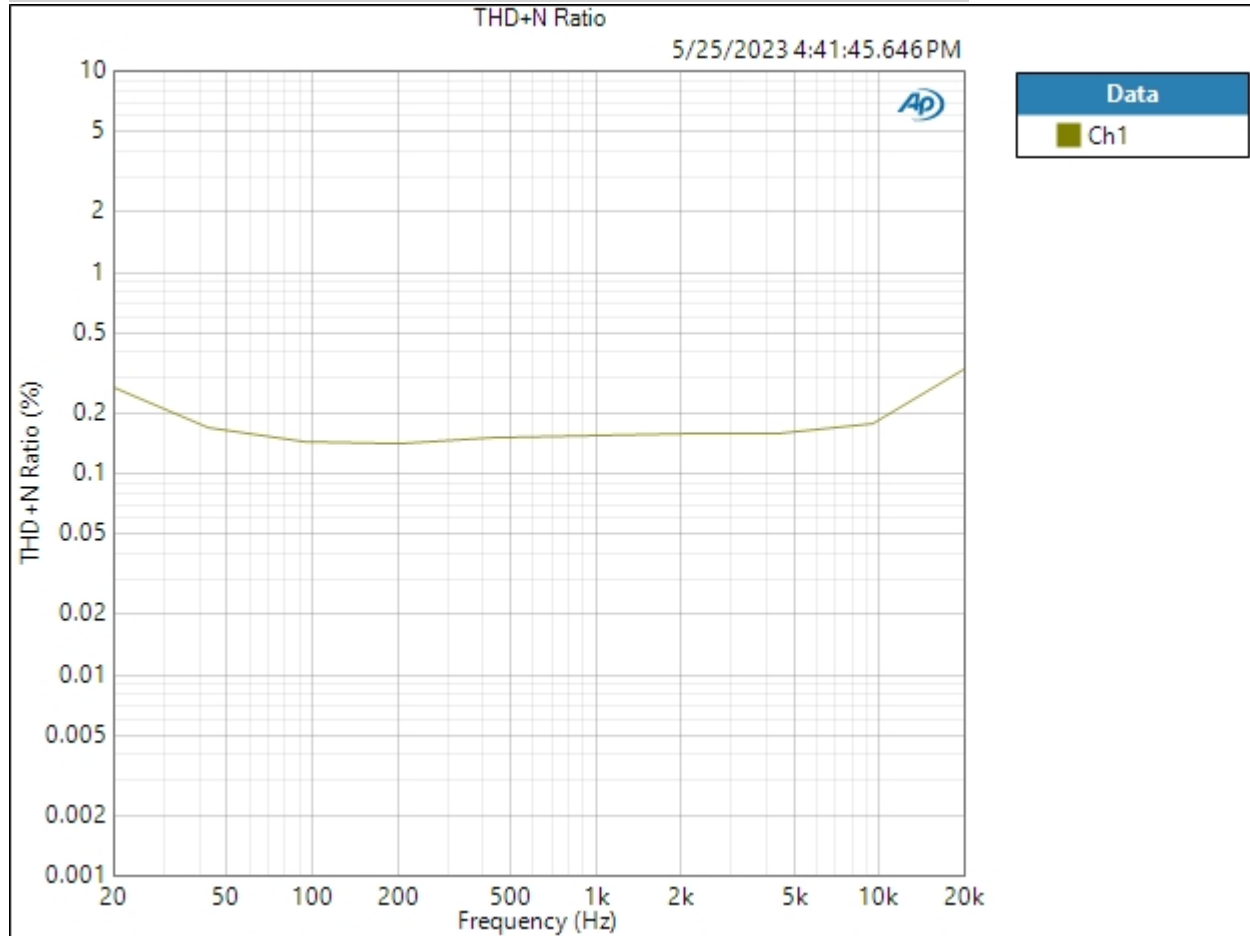
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## Sequence Report



Result: PASSED

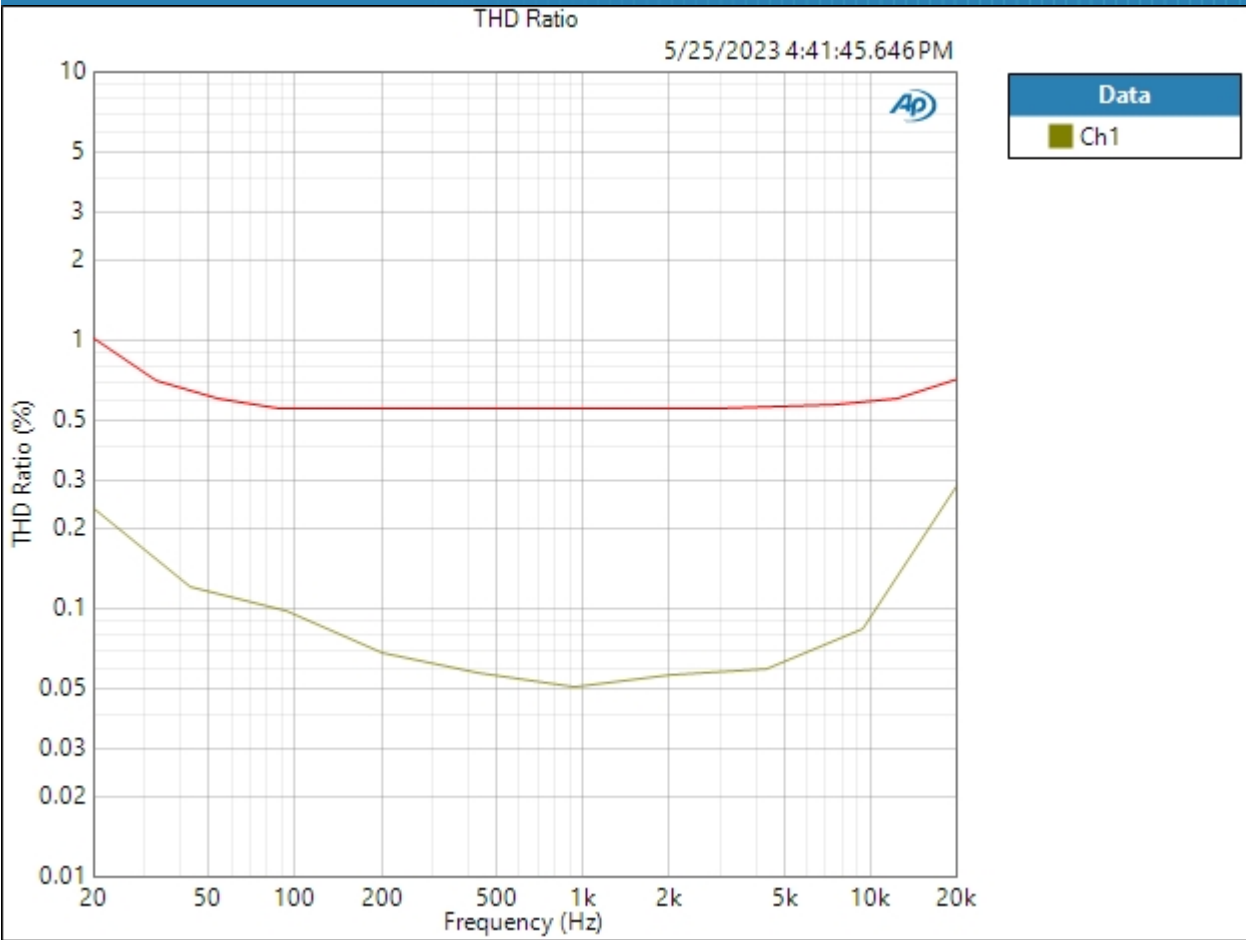
THD+N Ratio (5/25/2023 4:41:45.646 PM)



Result: PASSED

THD Ratio (5/25/2023 4:41:45.646 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 (5/25/2023 4:41:51.350 PM)

Ch1 512.2 mVrms

Gain (5/25/2023 4:41:51.350 PM)

Ch1 38.707 dB

THD+N Ratio (5/25/2023 4:41:51.350 PM)

Ch1 0.207823 %

Frequency (5/25/2023 4:41:51.350 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

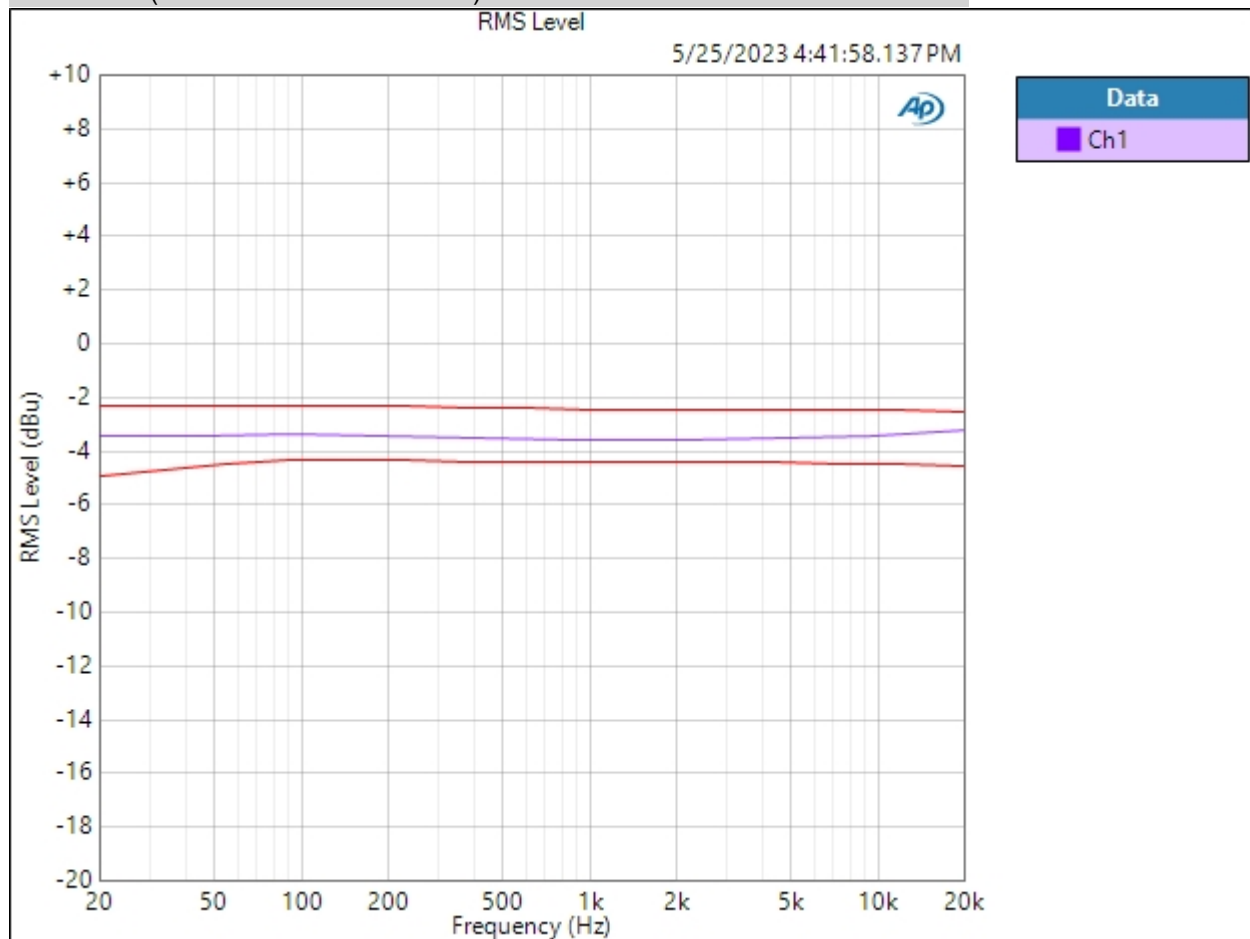
Weighting Filter: Signal Path

High-pass Filter: 20 Hz

Phase Ref Channel: Ch1

Measured 1 5/25/2023 4:41:58 PM

RMS Level (5/25/2023 4:41:58.137 PM)



Ch1 PASSED

5/25/2023 4:44 PM

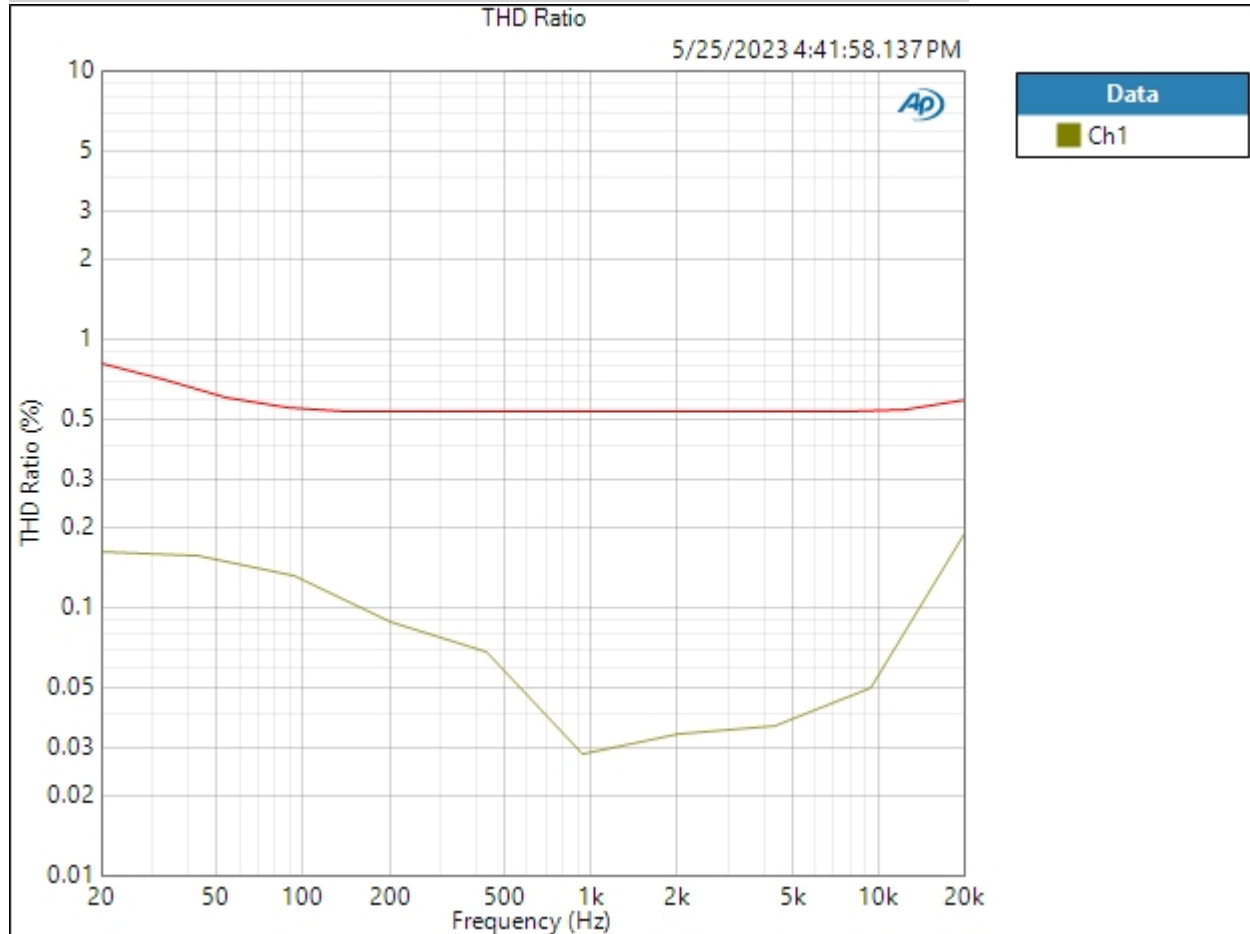
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## Sequence Report



Result: ✔ PASSED

THD Ratio (5/25/2023 4:41:58.137 PM)



Ch1 ✔ PASSED

Result: ✔ PASSED

## 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 (5/25/2023 4:42:03.811 PM)

Ch1 75.67 mVrms

Gain (5/25/2023 4:42:03.811 PM)

Ch1 22.097 dB

THD+N Ratio (5/25/2023 4:42:03.811 PM)

Ch1 1.613550 %

Frequency (5/25/2023 4:42:03.811 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

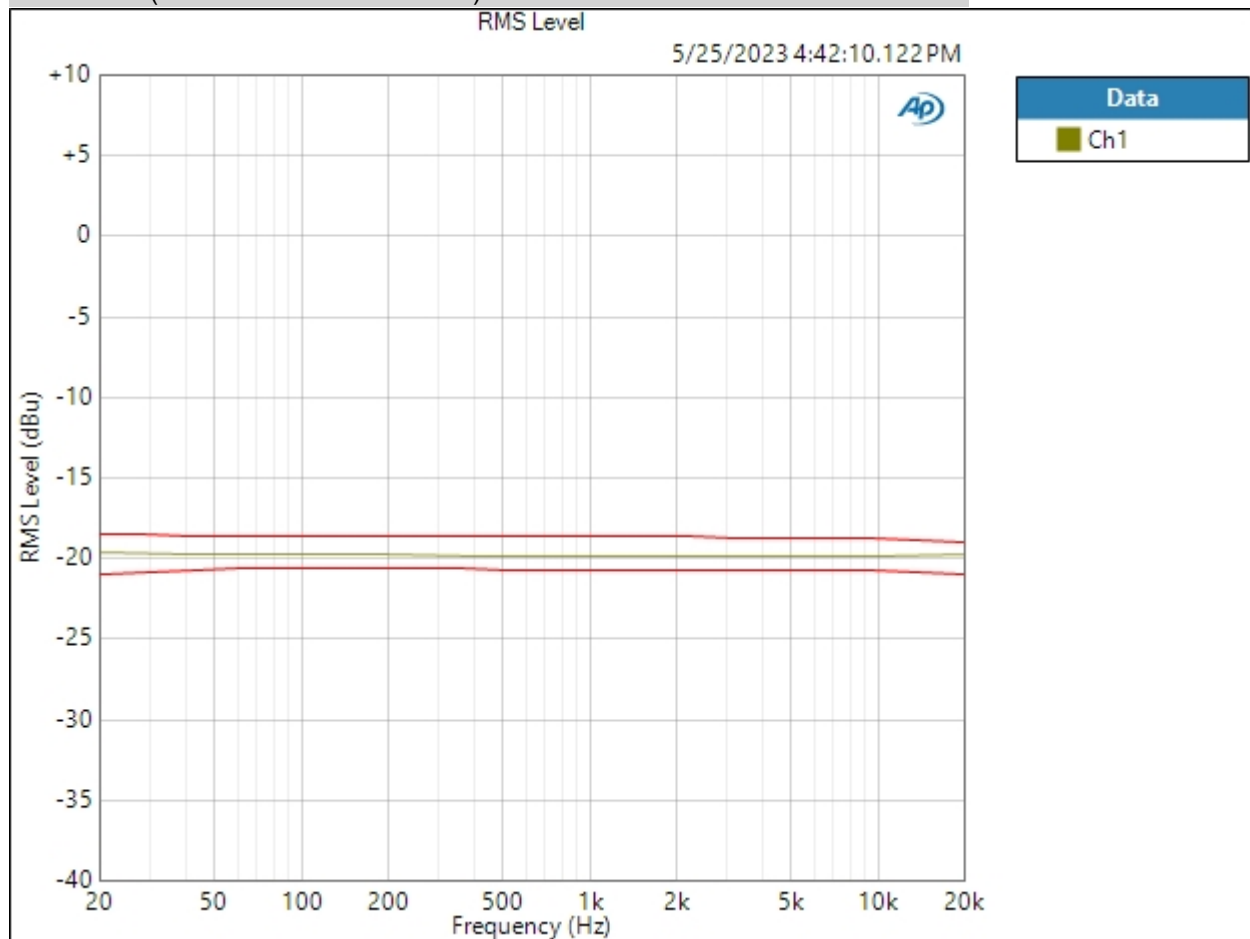
Weighting Filter: Signal Path

High-pass Filter: 20 Hz

Phase Ref Channel: Ch1

Measured 1 5/25/2023 4:42:10 PM

RMS Level (5/25/2023 4:42:10.122 PM)



Ch1 PASSED

5/25/2023 4:44 PM

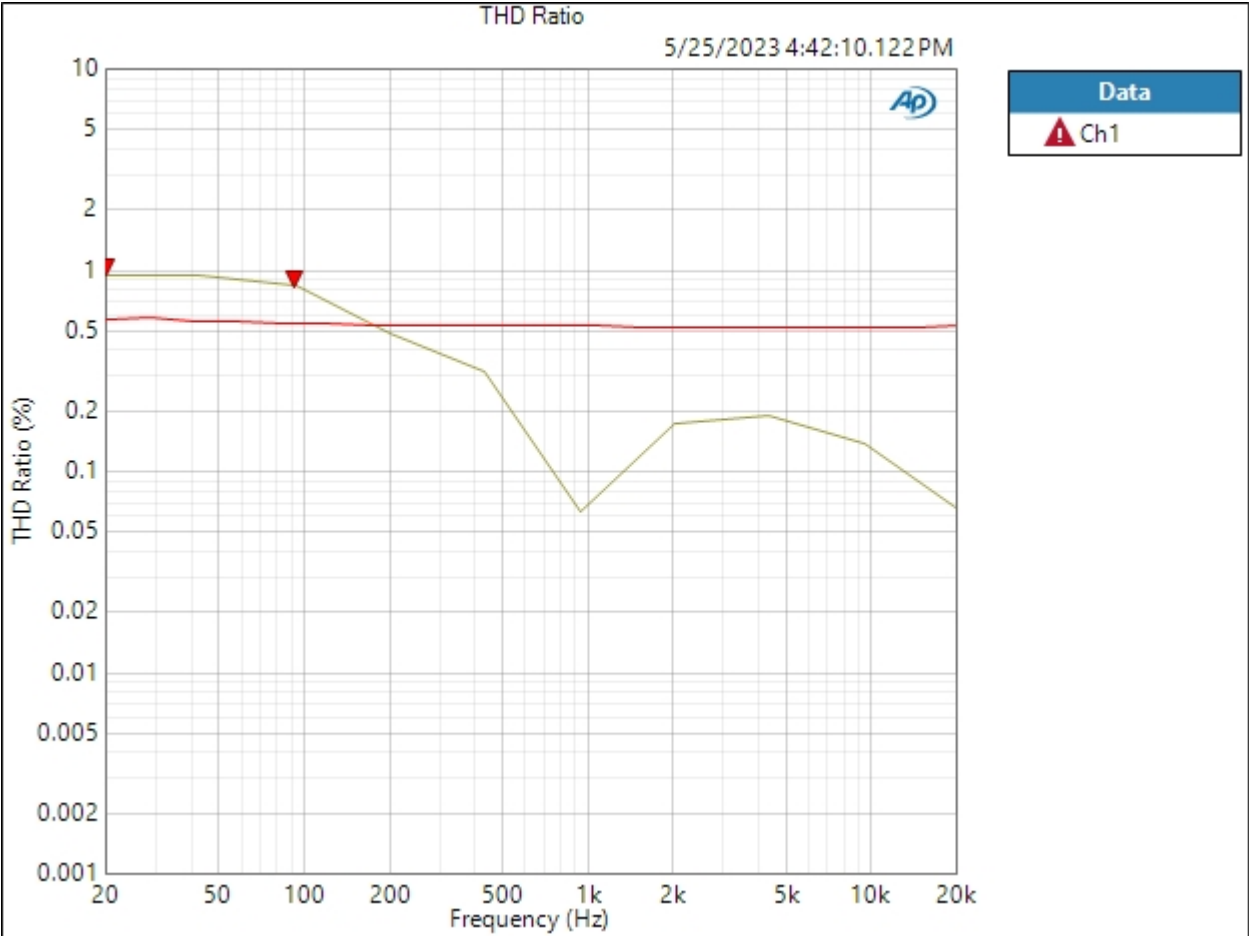
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# Sequence Report



Result: ✔ PASSED

THD Ratio (5/25/2023 4:42:10.122 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 (5/25/2023 4:42:15.944 PM)

Ch1 0.903 Vrms

Gain (5/25/2023 4:42:15.944 PM)

Ch1 1.329 dB

THD+N Ratio (5/25/2023 4:42:15.944 PM)

Ch1 0.152883 %

Frequency (5/25/2023 4:42:15.944 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

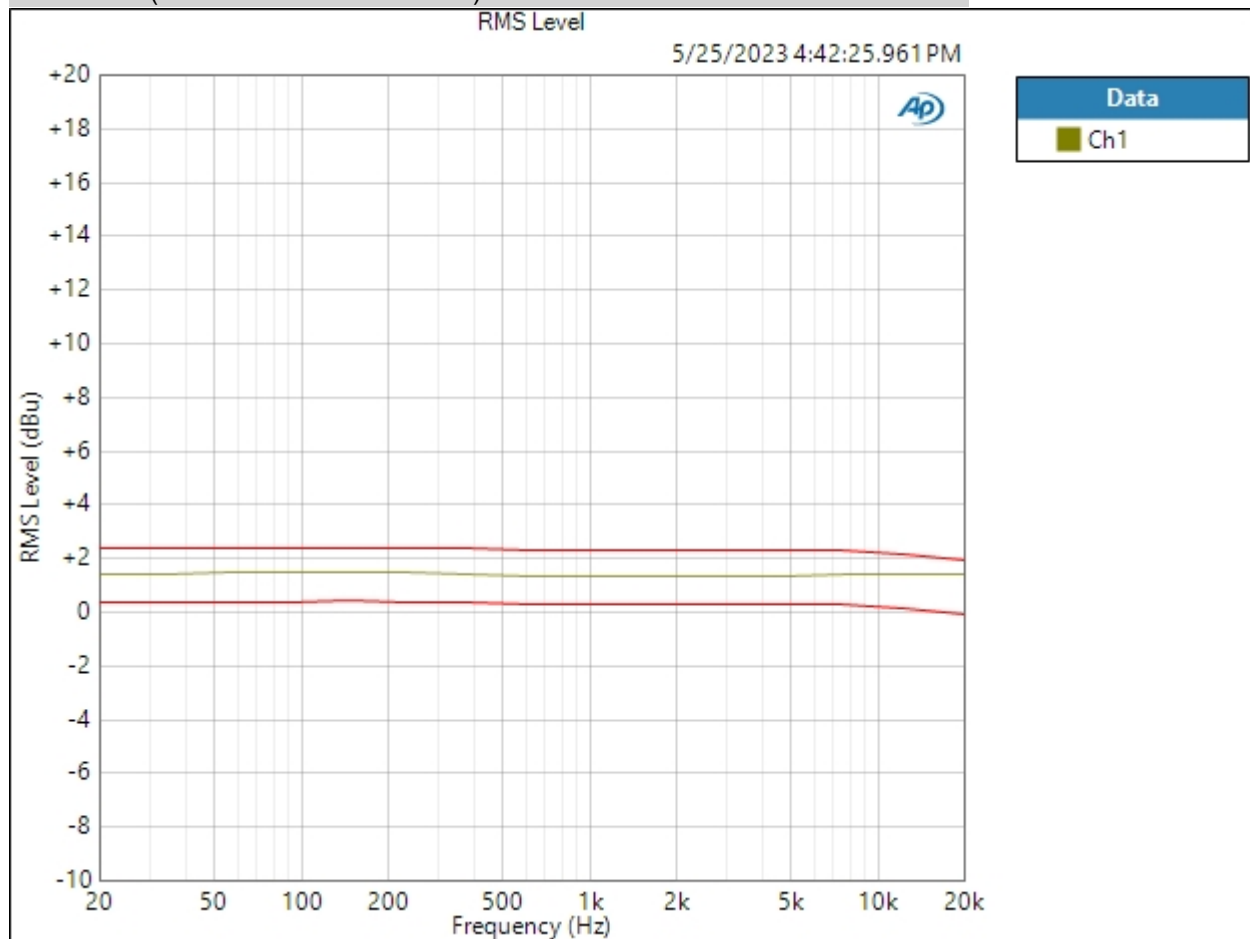
Weighting Filter: Signal Path

High-pass Filter: 20 Hz

Phase Ref Channel: Ch1

Measured 1 5/25/2023 4:42:25 PM

RMS Level (5/25/2023 4:42:25.961 PM)



Ch1 PASSED

5/25/2023 4:44 PM

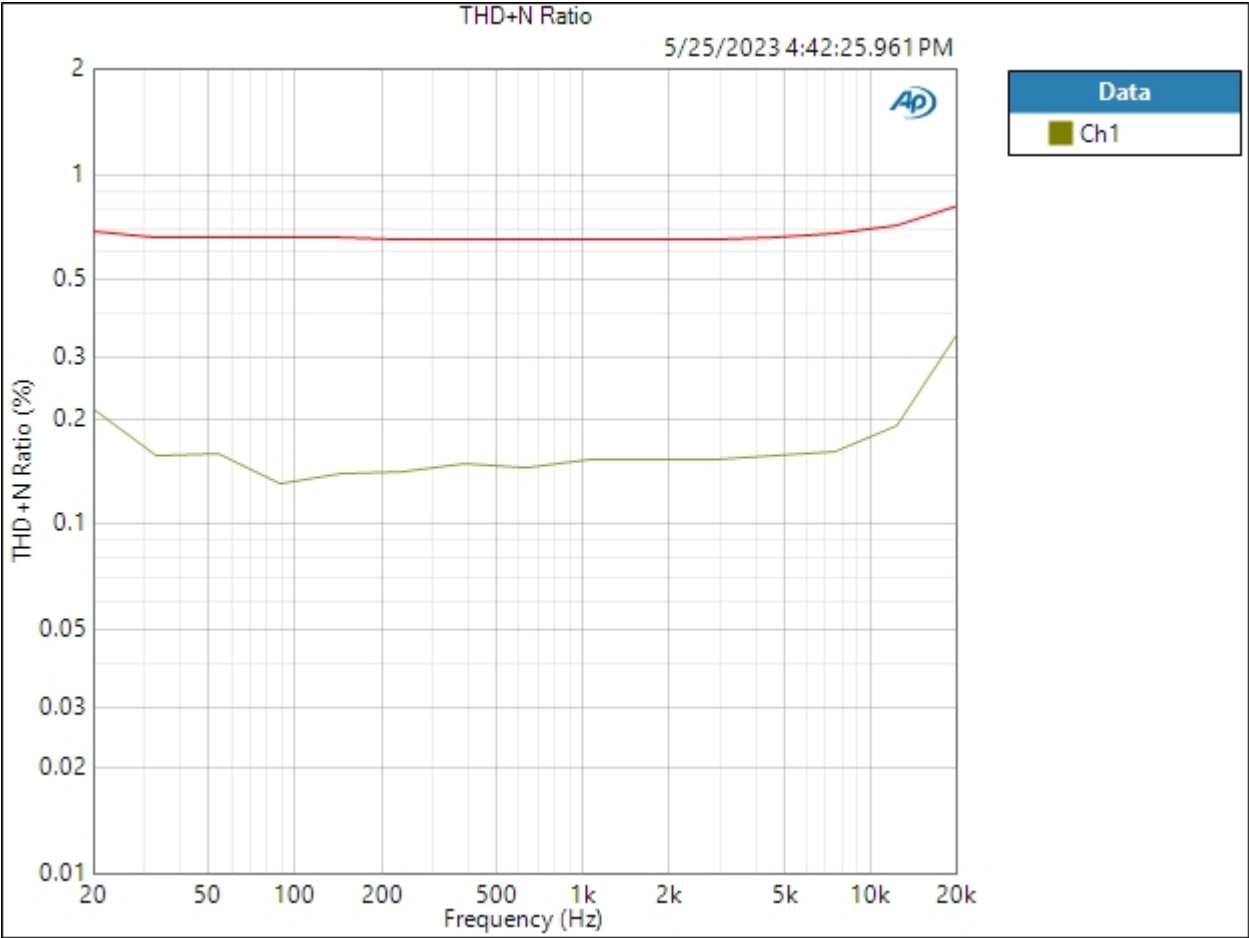
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# Sequence Report



Result: ✔ PASSED

THD+N Ratio (5/25/2023 4:42:25.961 PM)



Ch1 ✔ PASSED

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 (5/25/2023 4:42:32.126 PM)

Ch1 250.8 mVrms

Gain (5/25/2023 4:42:32.126 PM)

Ch1 0.206 dB

THD+N Ratio (5/25/2023 4:42:32.126 PM)

Ch1 0.398632 %

Frequency (5/25/2023 4:42:32.126 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 (5/25/2023 4:42:35.246 PM)

| Channel | Lower Limit | Value      | Upper Limit |   |
|---------|-------------|------------|-------------|---|
| Ch1     | -11.500 dBu | -9.794 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 (5/25/2023 4:42:41.075 PM)

Ch1 4.859 Vrms

Gain (5/25/2023 4:42:41.075 PM)

Ch1 15.949 dB

THD+N Ratio (5/25/2023 4:42:41.075 PM)

Ch1 0.273353 %

Frequency (5/25/2023 4:42:41.075 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

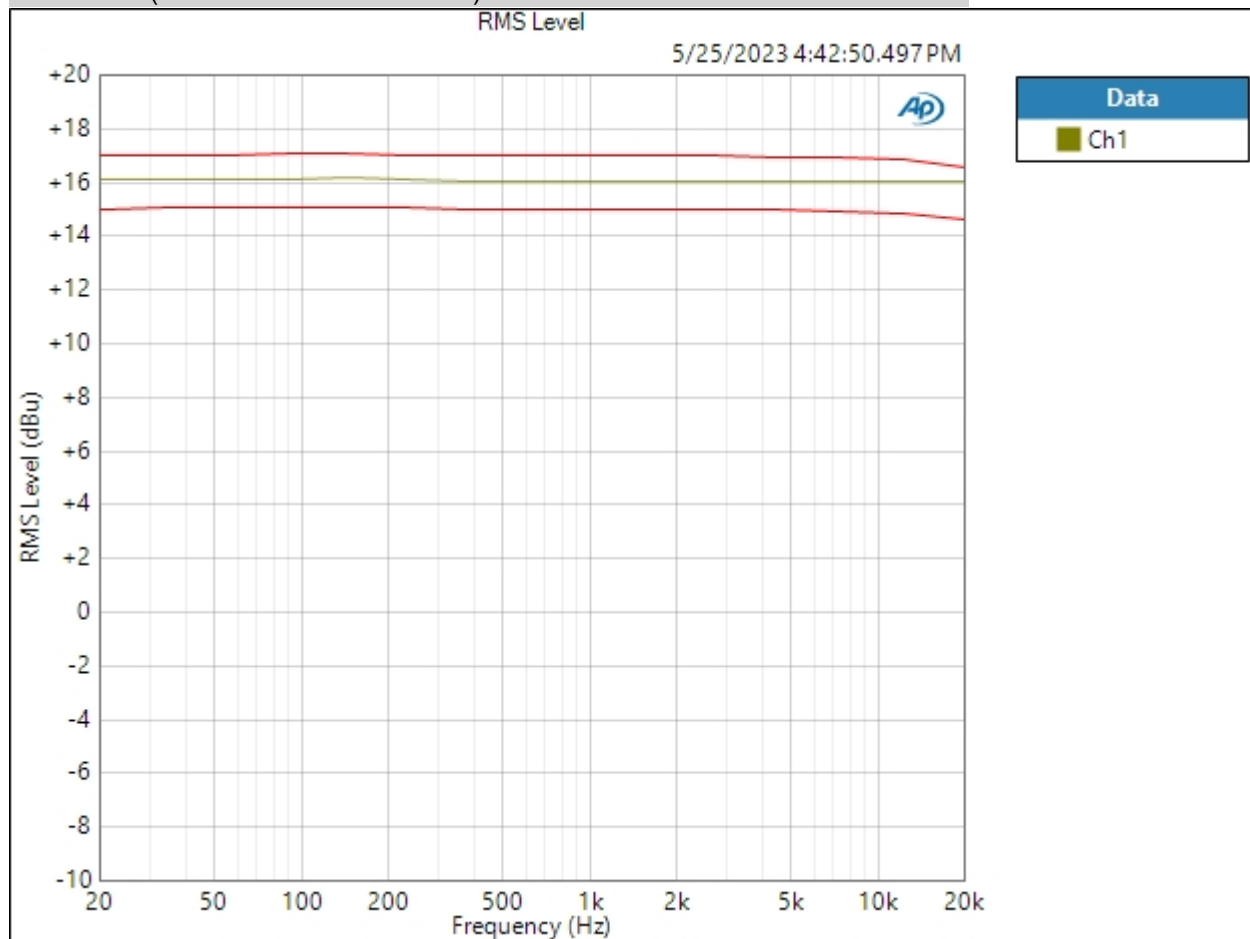
Weighting Filter: Signal Path

High-pass Filter: 20 Hz

Phase Ref Channel: Ch1

Measured 1 5/25/2023 4:42:50 PM

RMS Level (5/25/2023 4:42:50.497 PM)



Ch1 PASSED

5/25/2023 4:44 PM

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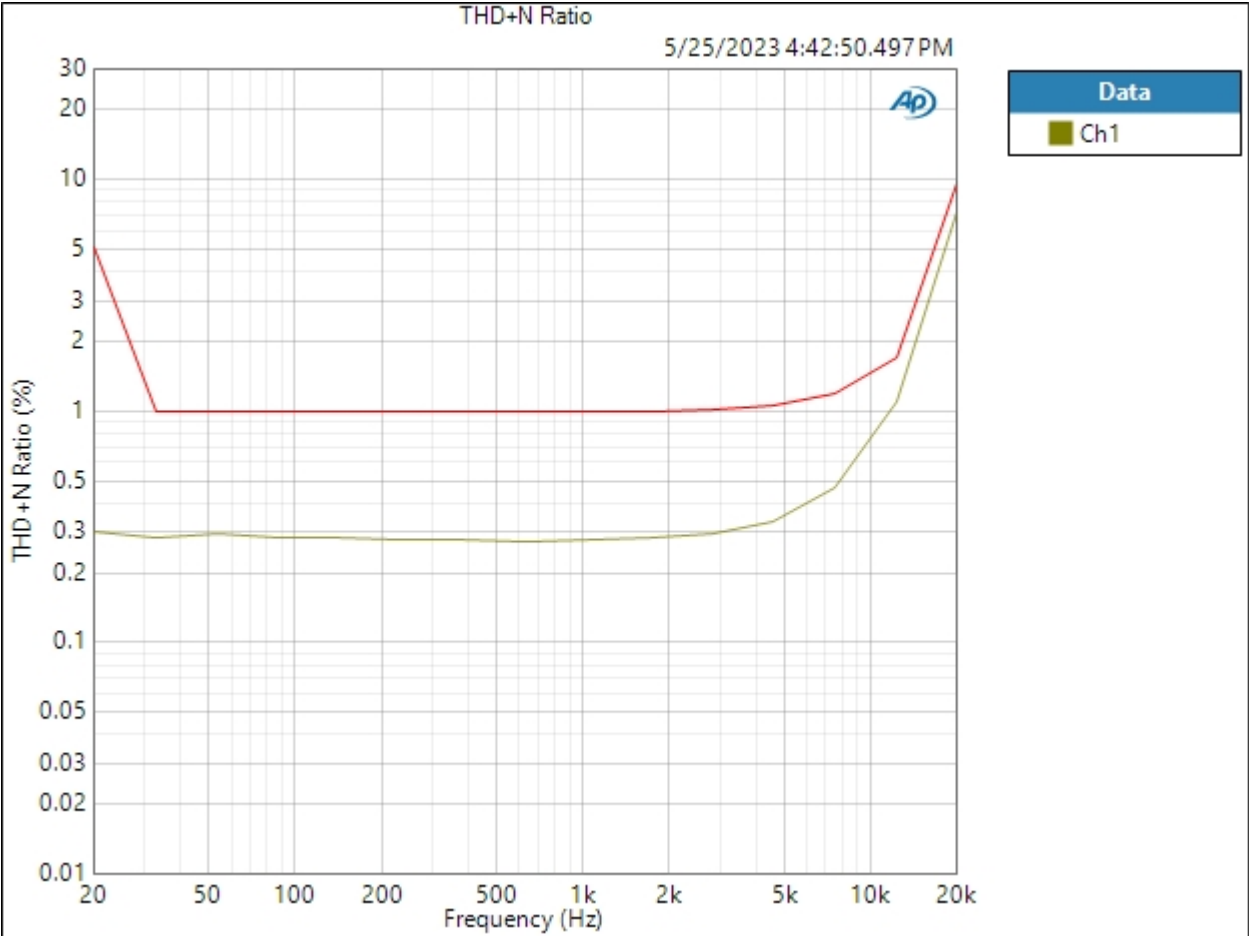


# Sequence Report



Result: ✔ PASSED

THD+N Ratio (5/25/2023 4:42:50.497 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 (5/25/2023 4:42:56.553 PM)

Ch1 1.353 Vrms

Gain (5/25/2023 4:42:56.553 PM)

Ch1 14.842 dB

THD+N Ratio (5/25/2023 4:42:56.553 PM)

Ch1 0.391213 %

Frequency (5/25/2023 4:42:56.553 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 (5/25/2023 4:42:59.749 PM)

| Channel | Lower Limit | Value      | Upper Limit |   |
|---------|-------------|------------|-------------|---|
| Ch1     | +3.500 dBu  | +4.841 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 (5/25/2023 4:43:05.639 PM)

Ch1 419.5 mVrms

Gain (5/25/2023 4:43:05.639 PM)

Ch1 4.673 dB

THD+N Ratio (5/25/2023 4:43:05.639 PM)

Ch1 0.389610 %

Frequency (5/25/2023 4:43:05.639 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 (5/25/2023 4:43:08.906 PM)

| Channel | Lower Limit | Value      | Upper Limit |   |
|---------|-------------|------------|-------------|---|
| Ch1     | -6.500 dBu  | -5.327 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  
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 0 600 Termination : Verify Connections

Waveform: Sine

Generator Level: -10.000 dBu

DC Offset: 0.000 V

Frequency: 1.00000 kHz

RMS Level (5/25/2023 4:43:14.965 PM)

Ch1 731.4 mVrms

Gain (5/25/2023 4:43:14.965 PM)

Ch1 9.503 dB

THD+N Ratio (5/25/2023 4:43:14.965 PM)

Ch1 0.341095 %

Frequency (5/25/2023 4:43:14.965 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 (5/25/2023 4:43:18.249 PM)

| Channel | Lower Limit | Value      | Upper Limit |   |
|---------|-------------|------------|-------------|---|
| Ch1     | -1.500 dBu  | -0.498 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 (5/25/2023 4:43:24.135 PM)

Ch1 2.384 Vrms

Gain (5/25/2023 4:43:24.135 PM)

Ch1 19.765 dB

THD+N Ratio (5/25/2023 4:43:24.135 PM)

Ch1 0.507303 %

Frequency (5/25/2023 4:43:24.135 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 (5/25/2023 4:43:27.457 PM)

| Channel | Lower Limit | Value      | Upper Limit |   |
|---------|-------------|------------|-------------|---|
| Ch1     | +8.500 dBu  | +9.763 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 (5/25/2023 4:43:33.407 PM)

Ch1 857.9 mVrms

Gain (5/25/2023 4:43:33.407 PM)

Ch1 20.888 dB

THD+N Ratio (5/25/2023 4:43:33.407 PM)

Ch1 0.997318 %

Frequency (5/25/2023 4:43:33.407 PM)

Ch1 1.00000 kHz

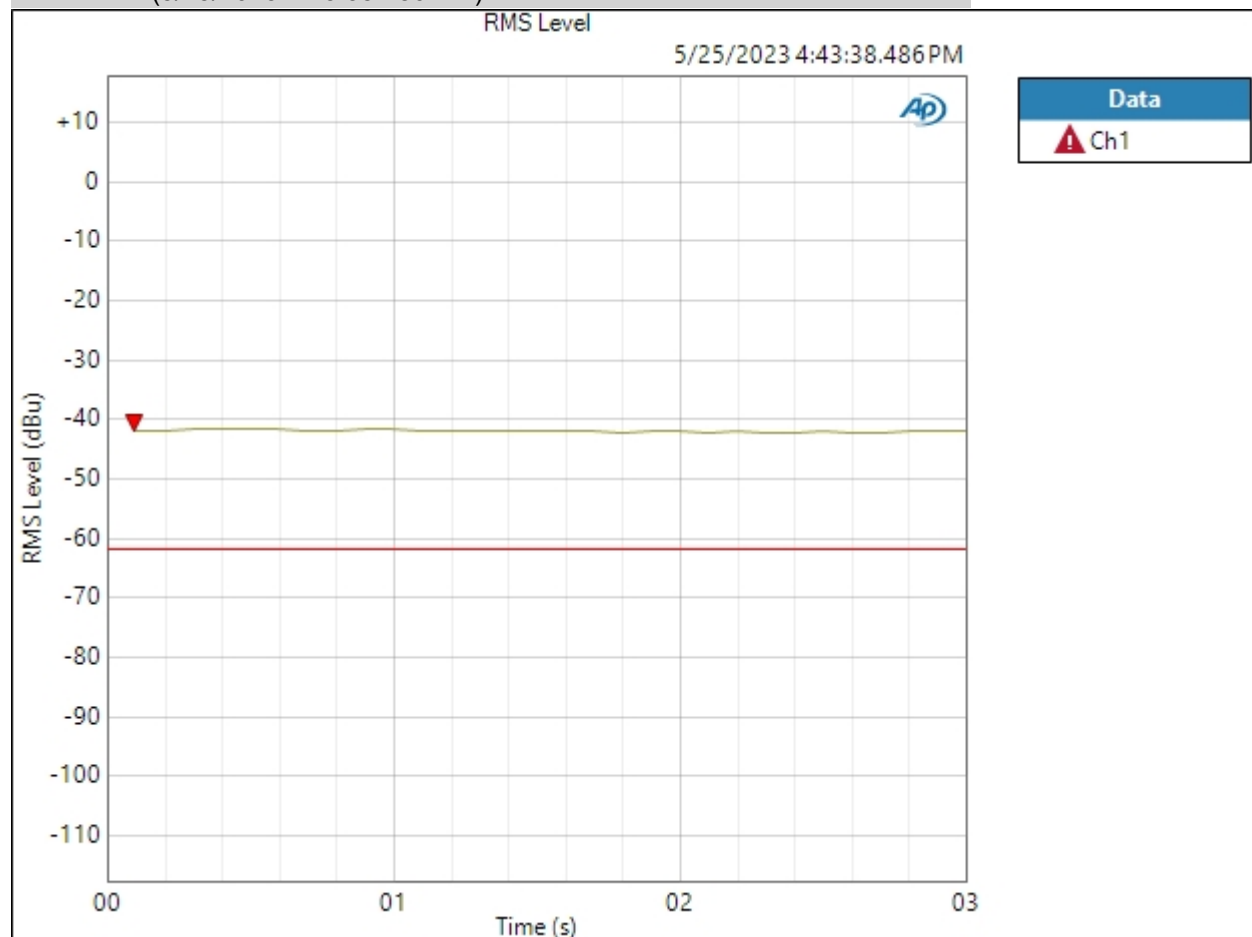
## Sequence Report



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 5/25/2023 4:43:38 PM

RMS Level (5/25/2023 4:43:38.486 PM)



Ch1 Failed Upper Limit

Result: FAILED

5/25/2023 4:44 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 (5/25/2023 4:43:44.535 PM)

Ch1 57.58 uVrms

Gain (5/25/2023 4:43:44.535 PM)

Ch1 -62.572 dB

THD+N Ratio (5/25/2023 4:43:44.535 PM)

Ch1 ---- %

Frequency (5/25/2023 4:43:44.535 PM)

Ch1 ---- Hz

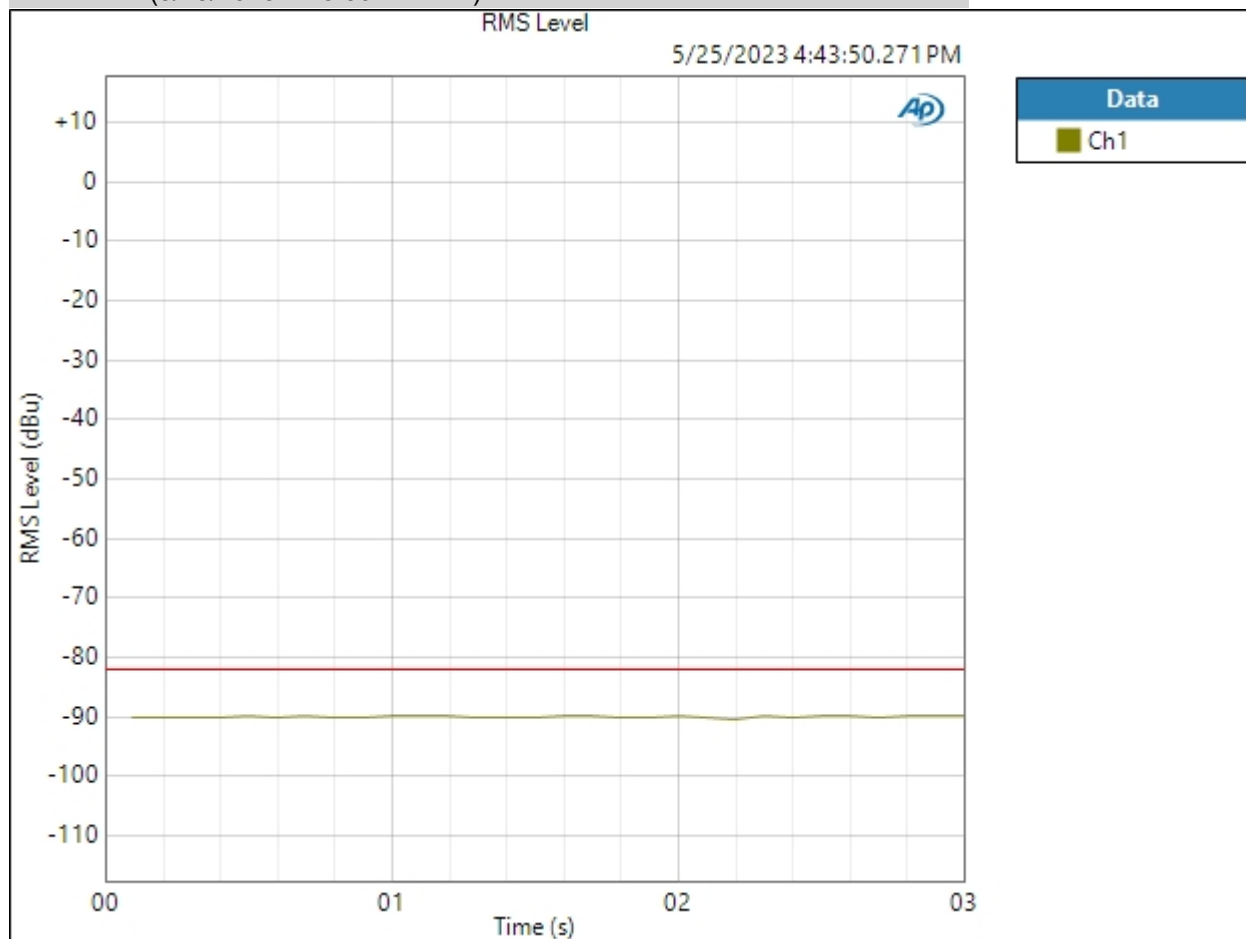
## Sequence Report



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 5/25/2023 4:43:50 PM

RMS Level (5/25/2023 4:43:50.271 PM)



Ch1 PASSED

Result: PASSED

5/25/2023 4:44 PM

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## Hi Z Gain -10 2.2M 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      |
| 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 (5/25/2023 4:43:55.991 PM)

Ch1 2.046 mVrms

Gain (5/25/2023 4:43:55.991 PM)

Ch1 -29.268 dB

THD+N Ratio (5/25/2023 4:43:55.991 PM)

Ch1 ---- %

Frequency (5/25/2023 4:43:55.991 PM)

Ch1 ---- 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 (5/25/2023 4:43:59.905 PM)

| Channel | Lower Limit | Value      | Upper Limit |   |
|---------|-------------|------------|-------------|---|
| Ch1     | -2.000 dBu  | +0.052 dBu | +2.000 dBu  | ✓ |

Result: ✓ PASSED

## 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

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 47k 200k Termination : Verify Connections

Waveform: Sine

Generator Level: -22.300 dBu

DC Offset: 0.000 V

Frequency: 1.00000 kHz

RMS Level (5/25/2023 4:44:05.818 PM)

Ch1 398.1 mVrms

Gain (5/25/2023 4:44:05.818 PM)

Ch1 16.518 dB

THD+N Ratio (5/25/2023 4:44:05.818 PM)

Ch1 0.681318 %

Frequency (5/25/2023 4:44:05.818 PM)

Ch1 1.00000 kHz

### 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 (5/25/2023 4:44:09.148 PM)

| Channel | Lower Limit | Value      | Upper Limit |   |
|---------|-------------|------------|-------------|---|
| Ch1     | -8.000 dBu  | -5.782 dBu | -4.000 dBu  | ✓ |

Result: ✓ PASSED

## 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 (5/25/2023 4:44:13.323 PM)

Ch1 70.81 uVrms

Ch2 7.367 uVrms