

Sequence Report



Summary

Mic500 200k Termination

Signal Path Setup PASSED

Stepped Frequency Sweep MIC 500 FAILED

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 FAILED

Line Gain +5 600 Termination

Signal Path Setup PASSED

Level and Gain +5 FAILED

Line Gain -5 600 Termination

Signal Path Setup PASSED

Level and Gain -5 FAILED

Line Gain 0 600 Termination

Signal Path Setup PASSED

Level and Gain 0 FAILED

Line Gain +10 600 Termination

Signal Path Setup PASSED

Level and Gain +10 FAILED

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
AG52 Generator Option:	Installed
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

DC Output 1:	0.000 V
DC Output 1:	Off
DC Output 2:	0.000 V
DC Output 2:	Off
Port A (hex):	00
Port B (hex):	00

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Port C (hex): 00
Port D (hex): 00
• Clocks
Output Rate: Track Output SR
Sync Out Level: 3.300 V
Sync Out Polarity: Normal
Timebase Reference: Internal
Jitter: Disabled
• Triggers
Source: Off
Input Logic Level: 3.300 V
Edge: Rising

Mic500 200k Termination : Verify Connections

Waveform: Sine
Generator Level: -42.300 dBu
DC Offset: 0.000 V
Frequency: 1.00000 kHz

RMS Level (5/8/2023 1:57:09.349 PM)

Ch1 286.4 mVrms

Gain (5/8/2023 1:57:09.349 PM)

Ch1 33.659 dB

THD+N Ratio (5/8/2023 1:57:09.349 PM)

Ch1 ---- %

Frequency (5/8/2023 1:57:09.349 PM)

Ch1 ---- Hz

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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

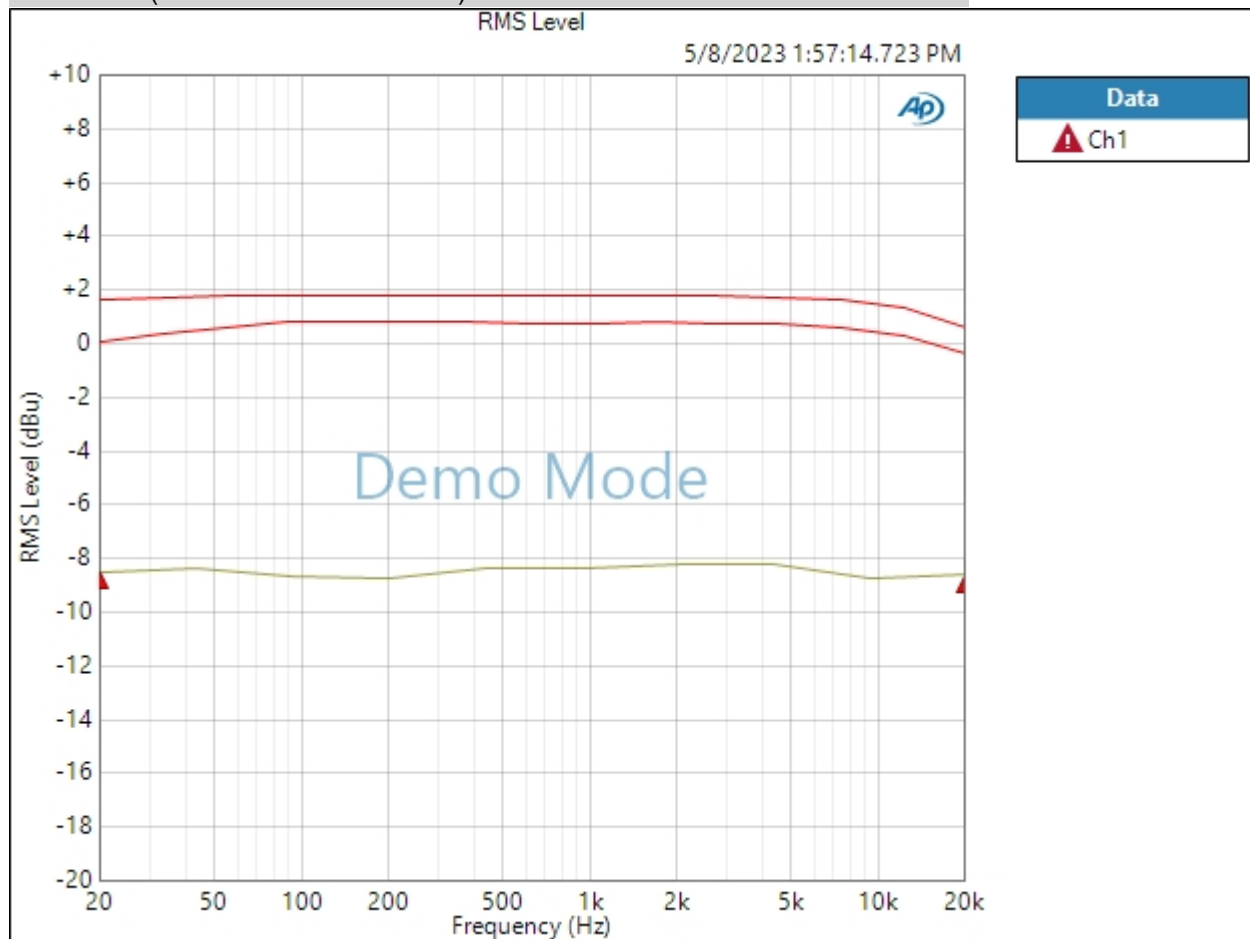
Weighting Filter: Signal Path

High-pass Filter: 20 Hz

Phase Ref Channel: Ch1

Measured 1 5/8/2023 1:57:14 PM

RMS Level (5/8/2023 1:57:14.723 PM)



Ch1 Failed Lower Limit

5/8/2023 1:59 PM

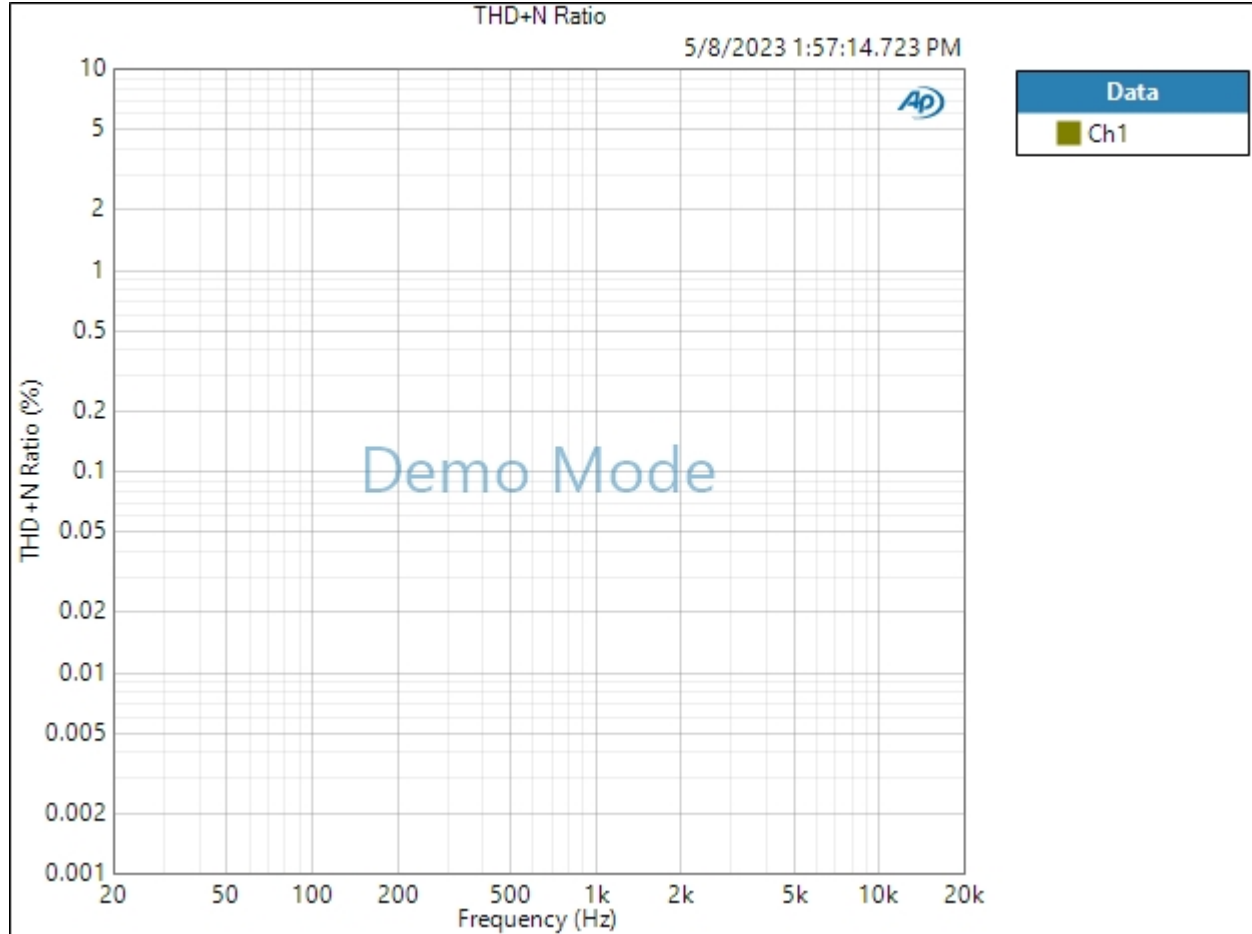
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Result: ▲ FAILED

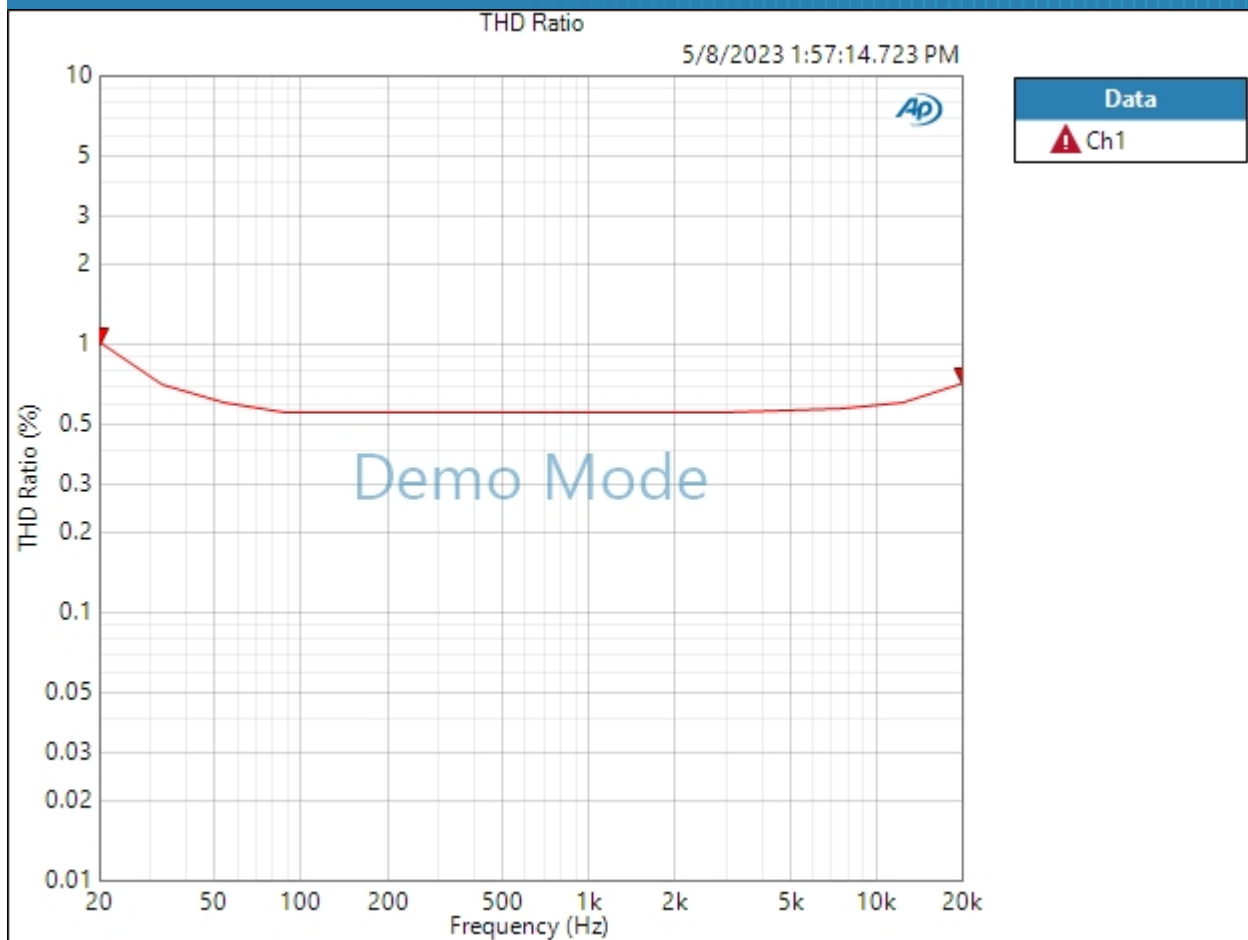
THD+N Ratio (5/8/2023 1:57:14.723 PM)



Result: ✔ PASSED

THD Ratio (5/8/2023 1:57:14.723 PM)

Sequence Report



Ch1 Failed Upper Limit

Result: FAILED

Sequence Report



Mic 2k 200k termination : Signal Path Setup

Output Connector:	Analog Balanced
Channels:	1
Source Impedance:	100 ohm
AG52 Generator Option:	Installed
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

DC Output 1:	0.000 V
DC Output 1:	Off
DC Output 2:	0.000 V
DC Output 2:	Off
Port A (hex):	00
Port B (hex):	00
Port C (hex):	00

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Port D (hex): 00

- Clocks

Output Rate: Track Output SR

Sync Out Level: 3.300 V

Sync Out Polarity: Normal

Timebase Reference: Internal

Jitter: Disabled

- Triggers

Source: Off

Input Logic Level: 3.300 V

Edge: Rising

Mic 2k 200k termination : Verify Connections

Waveform: Sine

Generator Level: -42.300 dBu

DC Offset: 0.000 V

Frequency: 1.00000 kHz

RMS Level (5/8/2023 1:57:19.436 PM)

Ch1 288.3 mVrms

Gain (5/8/2023 1:57:19.436 PM)

Ch1 33.717 dB

THD+N Ratio (5/8/2023 1:57:19.436 PM)

Ch1 ---- %

Frequency (5/8/2023 1:57:19.436 PM)

Ch1 ---- Hz

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

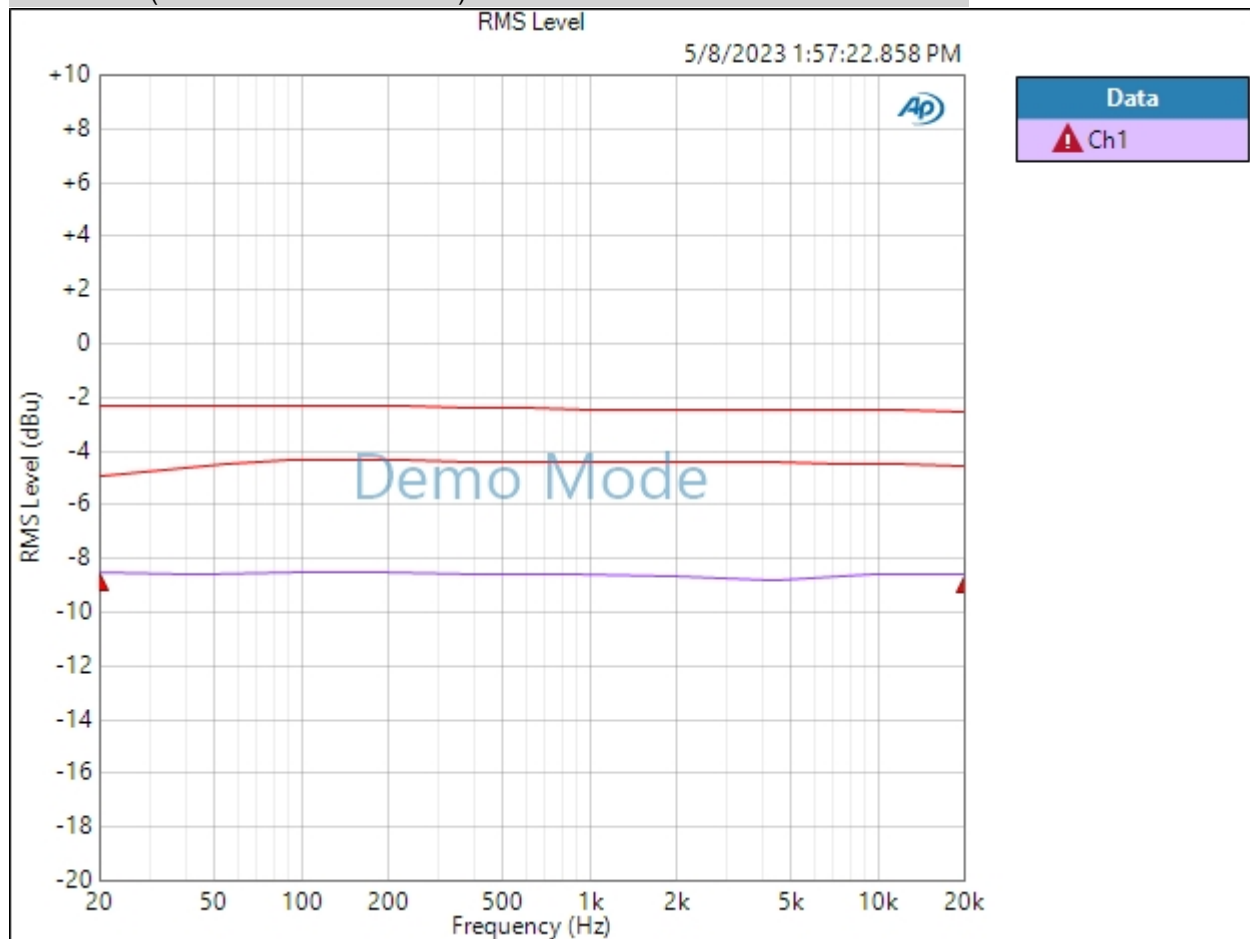
Weighting Filter: Signal Path

High-pass Filter: 20 Hz

Phase Ref Channel: Ch1

Measured 1 5/8/2023 1:57:22 PM

RMS Level (5/8/2023 1:57:22.858 PM)

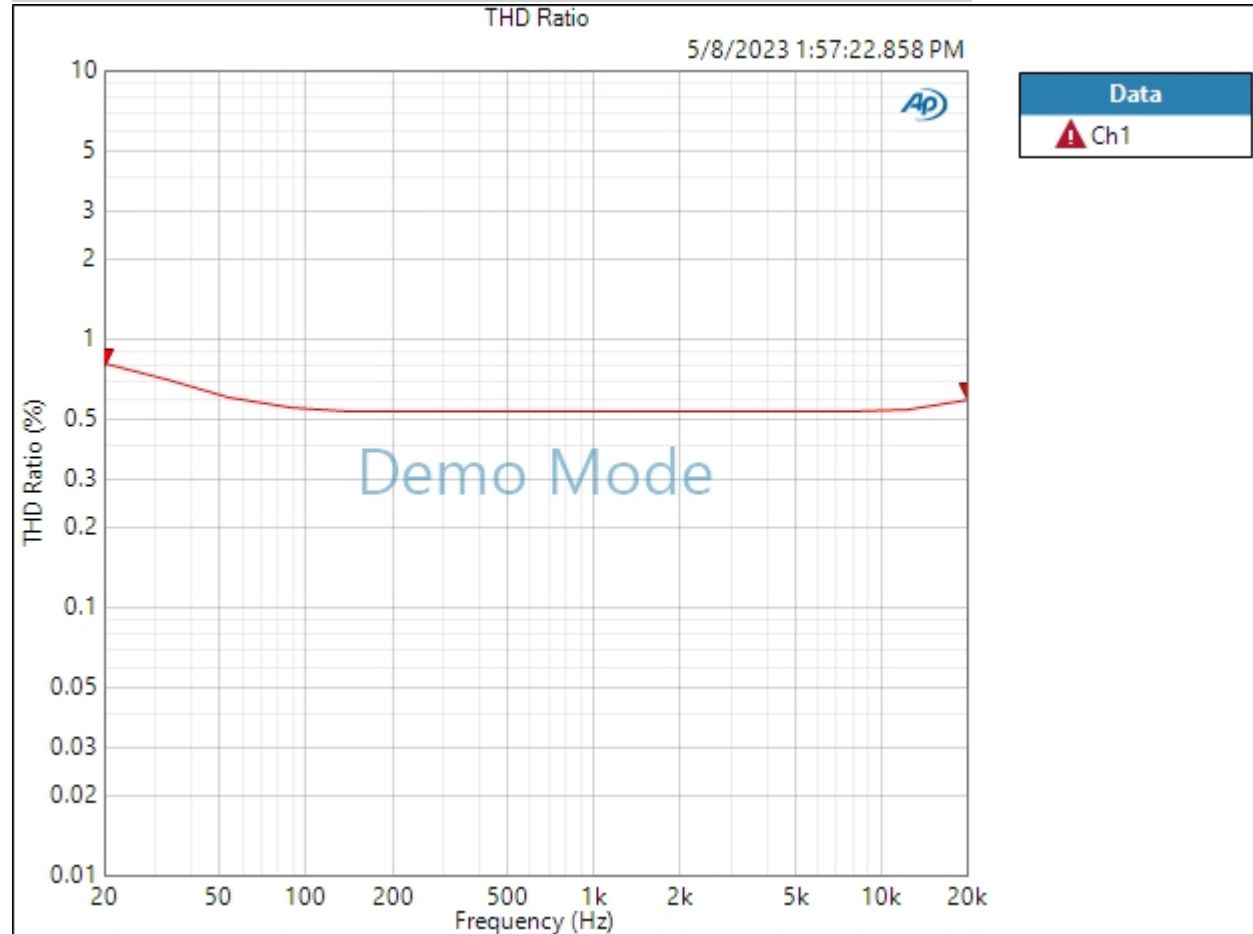


Sequence Report



Result: ▲ FAILED

THD Ratio (5/8/2023 1:57:22.858 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
AG52 Generator Option: Installed
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

DC Output 1: 0.000 V
DC Output 1: Off
DC Output 2: 0.000 V
DC Output 2: Off
Port A (hex): 00
Port B (hex): 00
Port C (hex): 00

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Port D (hex): 00

- Clocks

Output Rate: Track Output SR

Sync Out Level: 3.300 V

Sync Out Polarity: Normal

Timebase Reference: Internal

Jitter: Disabled

- Triggers

Source: Off

Input Logic Level: 3.300 V

Edge: Rising

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 (5/8/2023 1:57:27.596 PM)

Ch1 293.8 mVrms

Gain (5/8/2023 1:57:27.596 PM)

Ch1 33.880 dB

THD+N Ratio (5/8/2023 1:57:27.596 PM)

Ch1 ---- %

Frequency (5/8/2023 1:57:27.596 PM)

Ch1 ---- Hz

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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

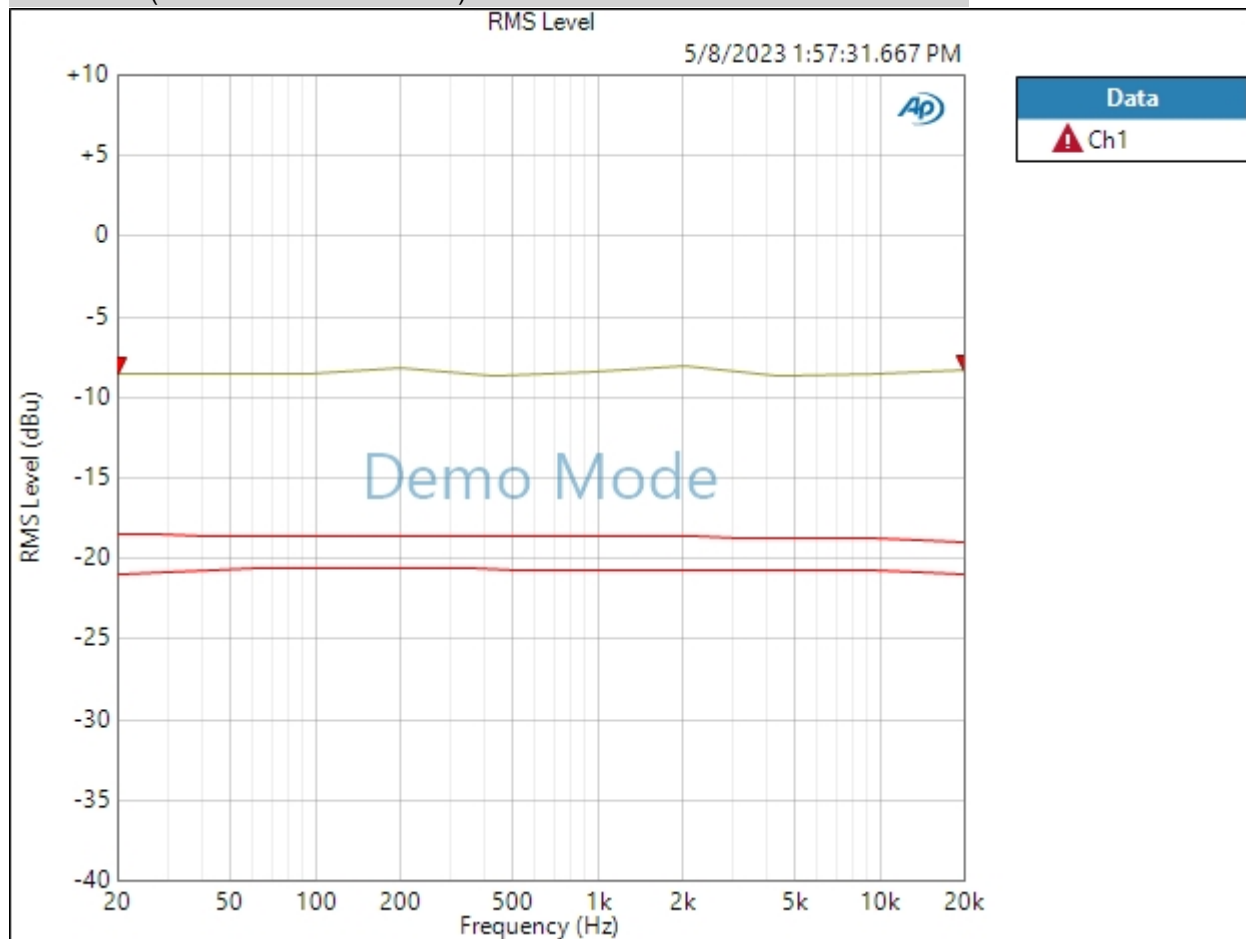
Weighting Filter: Signal Path

High-pass Filter: 20 Hz

Phase Ref Channel: Ch1

Measured 1 5/8/2023 1:57:31 PM

RMS Level (5/8/2023 1:57:31.667 PM)



Ch1 Failed Upper Limit

5/8/2023 1:59 PM

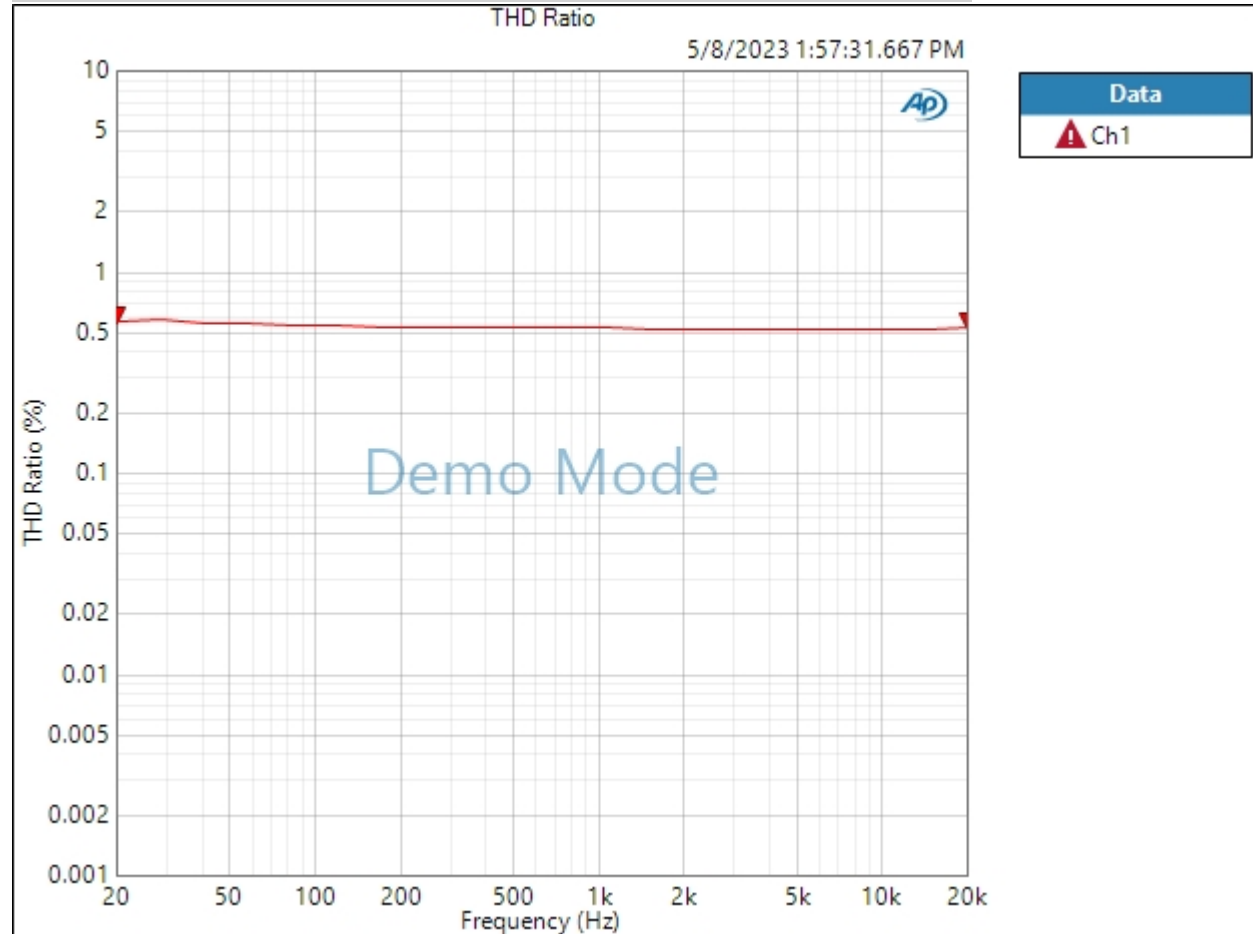
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Result: ▲ FAILED

THD Ratio (5/8/2023 1:57:31.667 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
AG52 Generator Option: Installed
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

DC Output 1: 0.000 V
DC Output 1: Off
DC Output 2: 0.000 V
DC Output 2: Off
Port A (hex): 00
Port B (hex): 00
Port C (hex): 00

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Port D (hex): 00

- Clocks

Output Rate: Track Output SR

Sync Out Level: 3.300 V

Sync Out Polarity: Normal

Timebase Reference: Internal

Jitter: Disabled

- Triggers

Source: Off

Input Logic Level: 3.300 V

Edge: Rising

Line Gain -10 200kTermination : Verify Connections

Waveform: Sine

Generator Level: 0.000 dBu

DC Offset: 0.000 V

Frequency: 1.00000 kHz

RMS Level (5/8/2023 1:57:36.542 PM)

Ch1 282.5 mVrms

Gain (5/8/2023 1:57:36.542 PM)

Ch1 -8.761 dB

THD+N Ratio (5/8/2023 1:57:36.542 PM)

Ch1 ---- %

Frequency (5/8/2023 1:57:36.542 PM)

Ch1 ---- Hz

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

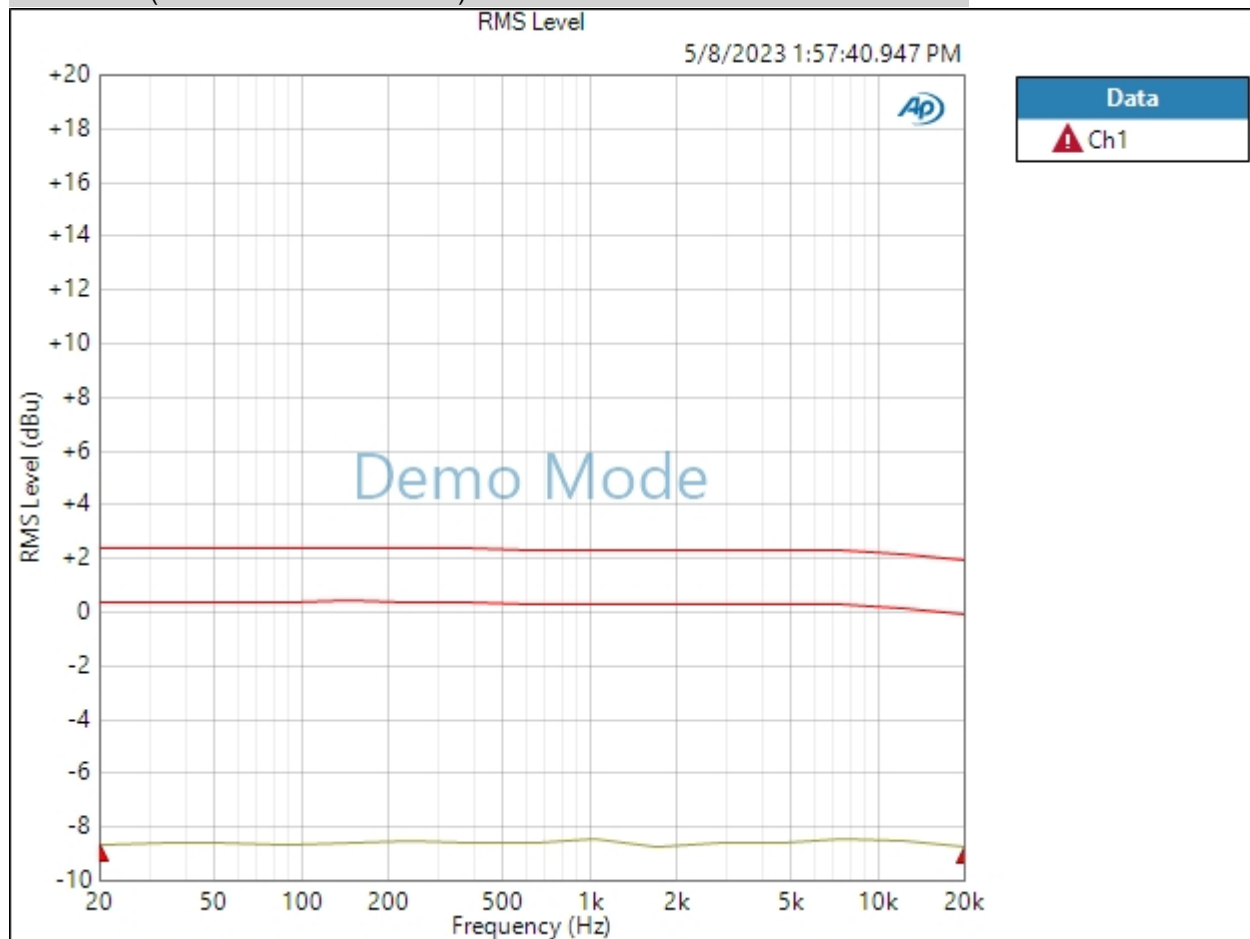
Weighting Filter: Signal Path

High-pass Filter: 20 Hz

Phase Ref Channel: Ch1

Measured 1 5/8/2023 1:57:40 PM

RMS Level (5/8/2023 1:57:40.947 PM)



Ch1 ▲ Failed Lower Limit

5/8/2023 1:59 PM

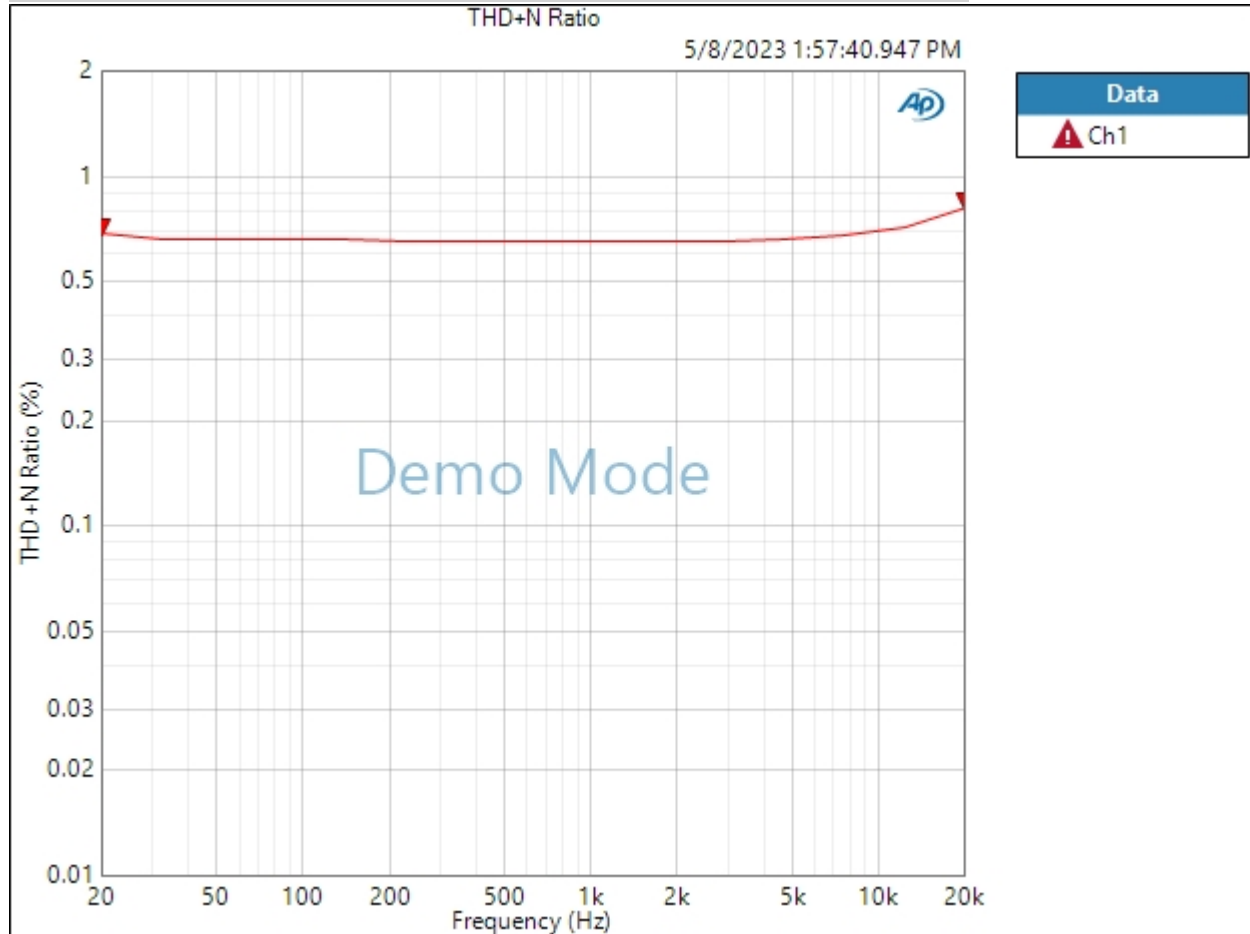
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Result: ▲ FAILED

THD+N Ratio (5/8/2023 1:57:40.947 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
AG52 Generator Option:	Installed
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

DC Output 1:	0.000 V
DC Output 1:	Off
DC Output 2:	0.000 V
DC Output 2:	Off
Port A (hex):	00
Port B (hex):	00
Port C (hex):	00

5/8/2023 1:59 PM

Sequence Report



Port D (hex): 00

- Clocks

Output Rate: Track Output SR

Sync Out Level: 3.300 V

Sync Out Polarity: Normal

Timebase Reference: Internal

Jitter: Disabled

- Triggers

Source: Off

Input Logic Level: 3.300 V

Edge: Rising

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 (5/8/2023 1:57:45.986 PM)

Ch1 283.3 mVrms

Gain (5/8/2023 1:57:45.986 PM)

Ch1 1.263 dB

THD+N Ratio (5/8/2023 1:57:45.986 PM)

Ch1 ---- %

Frequency (5/8/2023 1:57:45.986 PM)

Ch1 ---- Hz

Sequence Report



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 (5/8/2023 1:57:48.561 PM)

Channel	Lower Limit	Value	Upper Limit	
Ch1	-11.500 dBu	-8.599 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
AG52 Generator Option: Installed
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

DC Output 1: 0.000 V
DC Output 1: Off
DC Output 2: 0.000 V
DC Output 2: Off
Port A (hex): 00
Port B (hex): 00
Port C (hex): 00

5/8/2023 1:59 PM

Sequence Report



Port D (hex): 00

- Clocks

Output Rate: Track Output SR

Sync Out Level: 3.300 V

Sync Out Polarity: Normal

Timebase Reference: Internal

Jitter: Disabled

- Triggers

Source: Off

Input Logic Level: 3.300 V

Edge: Rising

Line Gain +5 200kTermination : Verify Connections

Waveform: Sine

Generator Level: 0.000 dBu

DC Offset: 0.000 V

Frequency: 1.00000 kHz

RMS Level (5/8/2023 1:57:53.460 PM)

Ch1 286.2 mVrms

Gain (5/8/2023 1:57:53.460 PM)

Ch1 -8.648 dB

THD+N Ratio (5/8/2023 1:57:53.460 PM)

Ch1 ---- %

Frequency (5/8/2023 1:57:53.460 PM)

Ch1 ---- Hz

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

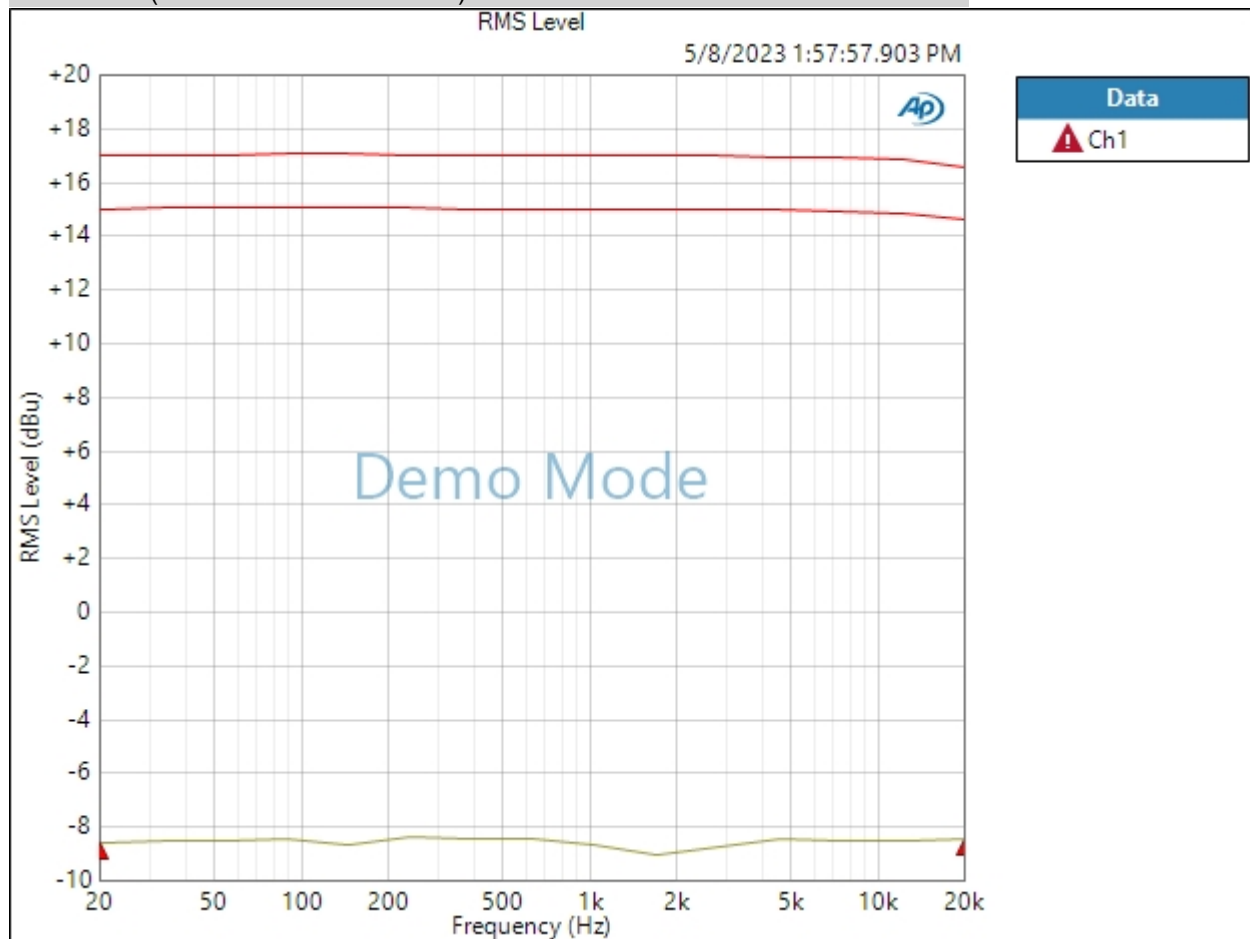
Weighting Filter: Signal Path

High-pass Filter: 20 Hz

Phase Ref Channel: Ch1

Measured 1 5/8/2023 1:57:57 PM

RMS Level (5/8/2023 1:57:57.903 PM)



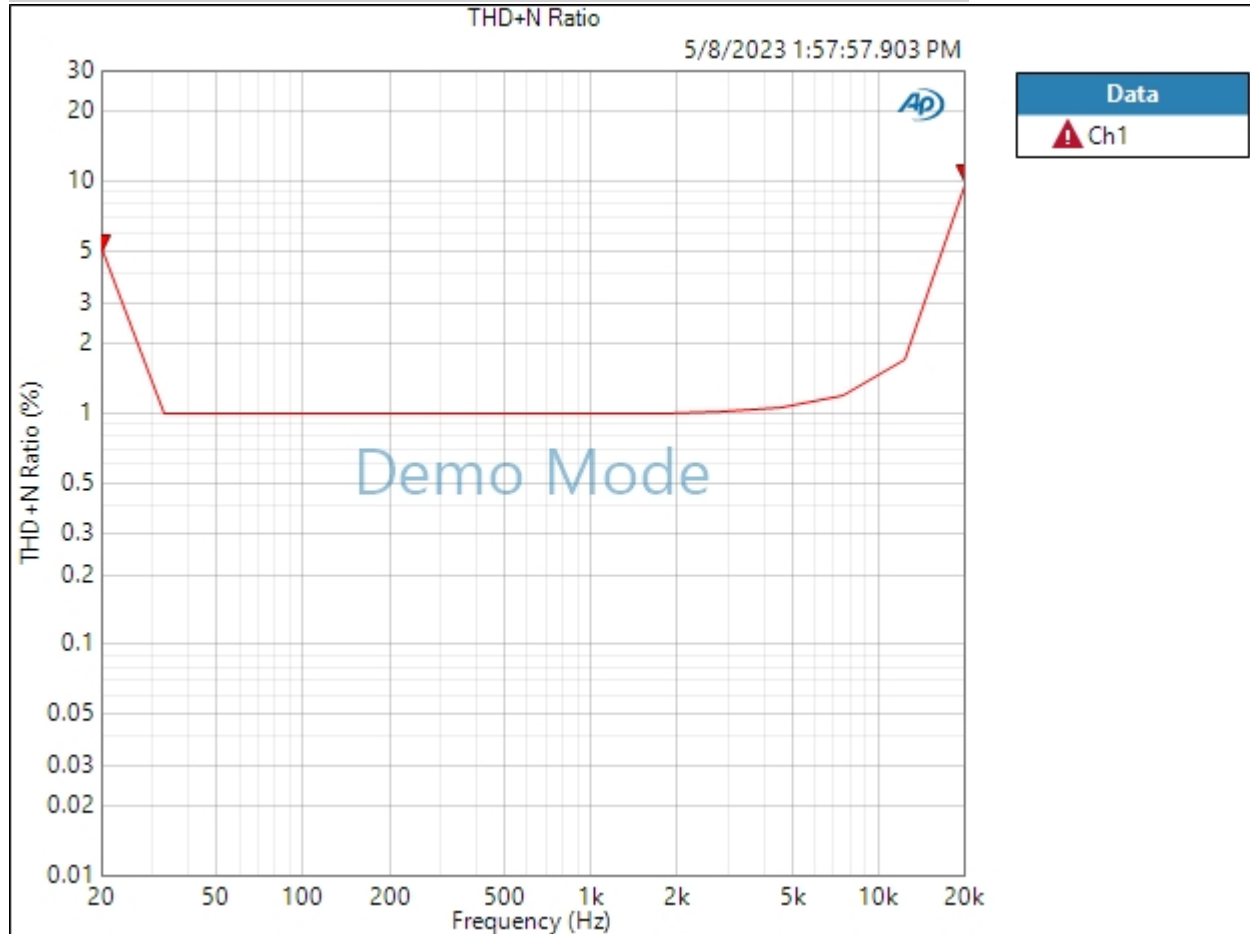
Ch1 Failed Lower Limit

Sequence Report



Result: ▲ FAILED

THD+N Ratio (5/8/2023 1:57:57.903 PM)



Ch1 ▲ Failed Upper Limit

Result: ▲ FAILED

Sequence Report



Line Gain +5 600 Termination : Signal Path Setup

Output Connector:	Analog Balanced
Channels:	1
Source Impedance:	100 ohm
AG52 Generator Option:	Installed
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

DC Output 1:	0.000 V
DC Output 1:	Off
DC Output 2:	0.000 V
DC Output 2:	Off
Port A (hex):	00
Port B (hex):	00
Port C (hex):	00

5/8/2023 1:59 PM

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Port D (hex): 00

- Clocks

Output Rate: Track Output SR

Sync Out Level: 3.300 V

Sync Out Polarity: Normal

Timebase Reference: Internal

Jitter: Disabled

- Triggers

Source: Off

Input Logic Level: 3.300 V

Edge: Rising

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 (5/8/2023 1:58:03.083 PM)

Ch1 282.0 mVrms

Gain (5/8/2023 1:58:03.083 PM)

Ch1 1.224 dB

THD+N Ratio (5/8/2023 1:58:03.083 PM)

Ch1 ---- %

Frequency (5/8/2023 1:58:03.083 PM)

Ch1 ---- Hz

Sequence Report



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 (5/8/2023 1:58:05.722 PM)

Channel	Lower Limit	Value	Upper Limit	
Ch1	+3.500 dBu	-8.578 dBu	+6.500 dBu	

Result:  FAILED

Sequence Report



Line Gain -5 600 Termination : Signal Path Setup

Output Connector:	Analog Balanced
Channels:	1
Source Impedance:	100 ohm
AG52 Generator Option:	Installed
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

DC Output 1:	0.000 V
DC Output 1:	Off
DC Output 2:	0.000 V
DC Output 2:	Off
Port A (hex):	00
Port B (hex):	00
Port C (hex):	00

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Port D (hex): 00

- Clocks

Output Rate: Track Output SR

Sync Out Level: 3.300 V

Sync Out Polarity: Normal

Timebase Reference: Internal

Jitter: Disabled

- Triggers

Source: Off

Input Logic Level: 3.300 V

Edge: Rising

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 (5/8/2023 1:58:10.857 PM)

Ch1 292.6 mVrms

Gain (5/8/2023 1:58:10.857 PM)

Ch1 1.544 dB

THD+N Ratio (5/8/2023 1:58:10.857 PM)

Ch1 ---- %

Frequency (5/8/2023 1:58:10.857 PM)

Ch1 ---- Hz

Sequence Report



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 (5/8/2023 1:58:13.558 PM)

Channel	Lower Limit	Value	Upper Limit	
Ch1	-6.500 dBu	-8.455 dBu	-3.500 dBu	

Result:  FAILED

Sequence Report



Line Gain 0 600 Termination : Signal Path Setup

Output Connector: Analog Balanced
Channels: 1
Source Impedance: 100 ohm
AG52 Generator Option: Installed
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

DC Output 1: 0.000 V
DC Output 1: Off
DC Output 2: 0.000 V
DC Output 2: Off
Port A (hex): 00
Port B (hex): 00
Port C (hex): 00

5/8/2023 1:59 PM

Sequence Report



Port D (hex): 00

- Clocks

Output Rate: Track Output SR

Sync Out Level: 3.300 V

Sync Out Polarity: Normal

Timebase Reference: Internal

Jitter: Disabled

- Triggers

Source: Off

Input Logic Level: 3.300 V

Edge: Rising

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 (5/8/2023 1:58:18.676 PM)

Ch1 293.0 mVrms

Gain (5/8/2023 1:58:18.676 PM)

Ch1 1.554 dB

THD+N Ratio (5/8/2023 1:58:18.676 PM)

Ch1 ---- %

Frequency (5/8/2023 1:58:18.676 PM)

Ch1 ---- Hz

Sequence Report



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 (5/8/2023 1:58:21.190 PM)

Channel	Lower Limit	Value	Upper Limit	
Ch1	-1.500 dBu	-8.479 dBu	+1.500 dBu	

Result:  FAILED

Sequence Report



Line Gain +10 600 Termination : Signal Path Setup

Output Connector:	Analog Balanced
Channels:	1
Source Impedance:	100 ohm
AG52 Generator Option:	Installed
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

DC Output 1:	0.000 V
DC Output 1:	Off
DC Output 2:	0.000 V
DC Output 2:	Off
Port A (hex):	00
Port B (hex):	00
Port C (hex):	00

5/8/2023 1:59 PM

Sequence Report



Port D (hex): 00

- Clocks

Output Rate: Track Output SR

Sync Out Level: 3.300 V

Sync Out Polarity: Normal

Timebase Reference: Internal

Jitter: Disabled

- Triggers

Source: Off

Input Logic Level: 3.300 V

Edge: Rising

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 (5/8/2023 1:58:26.404 PM)

Ch1 297.6 mVrms

Gain (5/8/2023 1:58:26.404 PM)

Ch1 1.692 dB

THD+N Ratio (5/8/2023 1:58:26.404 PM)

Ch1 ---- %

Frequency (5/8/2023 1:58:26.404 PM)

Ch1 ---- Hz

Sequence Report



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 (5/8/2023 1:58:28.999 PM)

Channel	Lower Limit	Value	Upper Limit	
Ch1	+8.500 dBu	-8.496 dBu	+11.500 dBu	

Result:  FAILED

Sequence Report



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

Output Connector: Analog Balanced
Channels: 1
Source Impedance: 100 ohm
AG52 Generator Option: Installed
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

DC Output 1: 0.000 V
DC Output 1: Off
DC Output 2: 0.000 V
DC Output 2: Off
Port A (hex): 00
Port B (hex): 00
Port C (hex): 00

5/8/2023 1:59 PM

Sequence Report



Port D (hex): 00

- Clocks

Output Rate: Track Output SR

Sync Out Level: 3.300 V

Sync Out Polarity: Normal

Timebase Reference: Internal

Jitter: Disabled

- Triggers

Source: Off

Input Logic Level: 3.300 V

Edge: Rising

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 (5/8/2023 1:58:34.767 PM)

Ch1 293.8 mVrms

Gain (5/8/2023 1:58:34.767 PM)

Ch1 11.580 dB

THD+N Ratio (5/8/2023 1:58:34.767 PM)

Ch1 ---- %

Frequency (5/8/2023 1:58:34.767 PM)

Ch1 ---- Hz

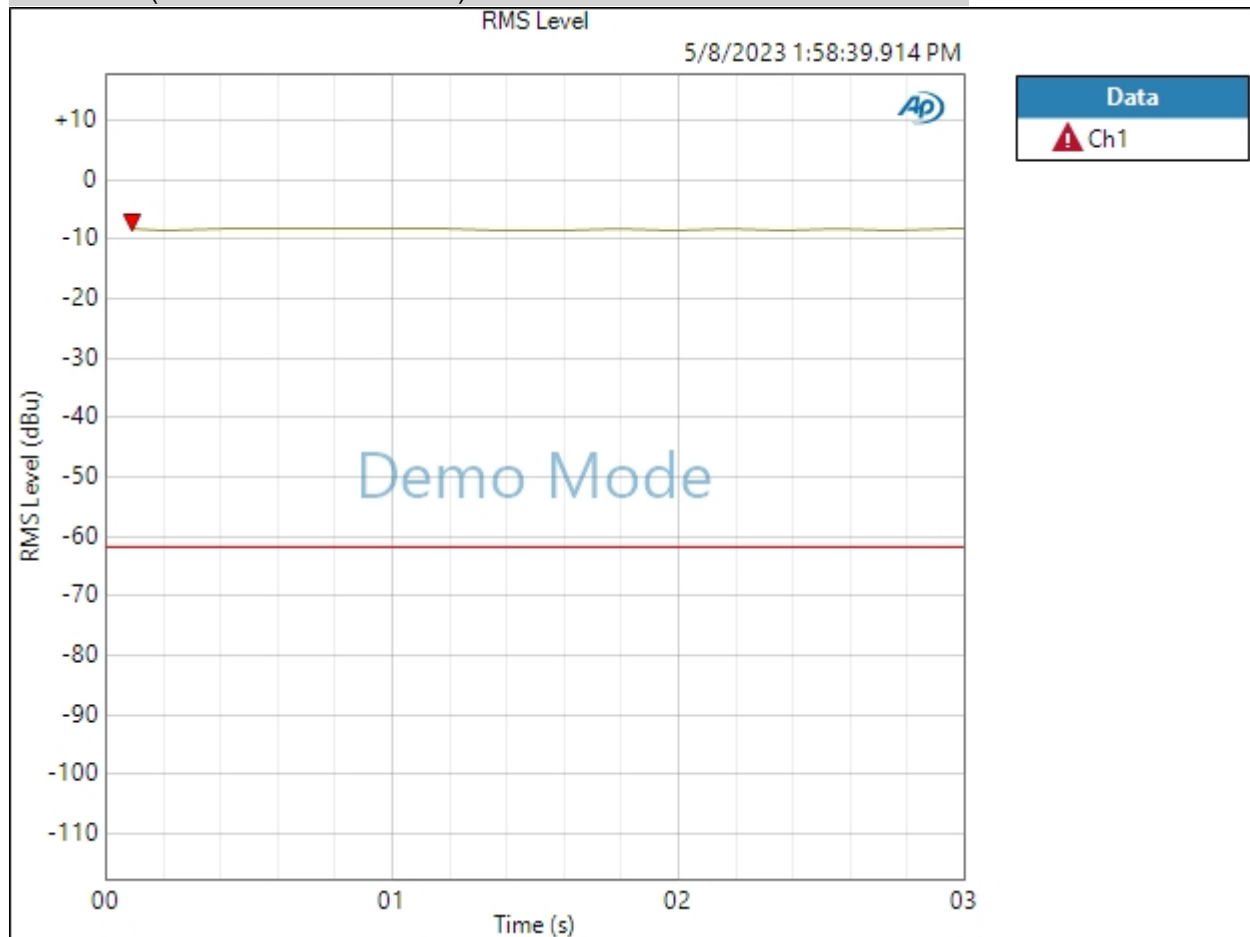
Sequence Report



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 5/8/2023 1:58:39 PM

RMS Level (5/8/2023 1:58:39.914 PM)



Ch1 Failed Upper Limit

Result: FAILED

5/8/2023 1:59 PM

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Sequence Report



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

Output Connector:	Analog Balanced
Channels:	1
Source Impedance:	100 ohm
AG52 Generator Option:	Installed
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

DC Output 1:	0.000 V
DC Output 1:	Off
DC Output 2:	0.000 V
DC Output 2:	Off
Port A (hex):	00
Port B (hex):	00
Port C (hex):	00

5/8/2023 1:59 PM

Sequence Report



Port D (hex): 00

- Clocks

Output Rate: Track Output SR

Sync Out Level: 3.300 V

Sync Out Polarity: Normal

Timebase Reference: Internal

Jitter: Disabled

- Triggers

Source: Off

Input Logic Level: 3.300 V

Edge: Rising

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 (5/8/2023 1:58:45.056 PM)

Ch1 280.7 mVrms

Gain (5/8/2023 1:58:45.056 PM)

Ch1 11.184 dB

THD+N Ratio (5/8/2023 1:58:45.056 PM)

Ch1 ---- %

Frequency (5/8/2023 1:58:45.056 PM)

Ch1 ---- Hz

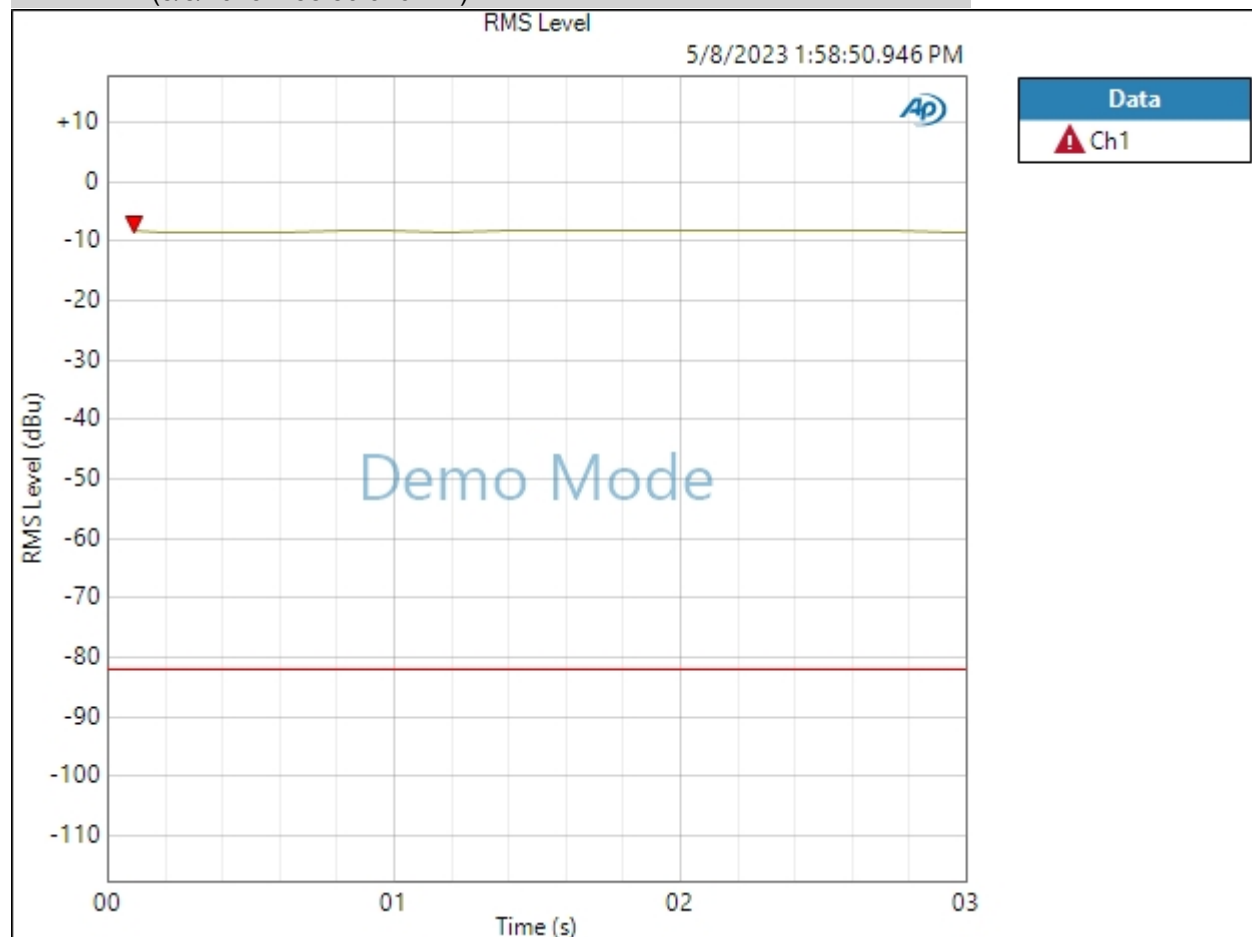
Sequence Report



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 5/8/2023 1:58:50 PM

RMS Level (5/8/2023 1:58:50.946 PM)



Ch1 Failed Upper Limit

Result: FAILED

5/8/2023 1:59 PM

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Sequence Report



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

Output Connector:	Analog Balanced
Channels:	2
Source Impedance:	100 ohm
AG52 Generator Option:	Installed
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

DC Output 1:	0.000 V
DC Output 1:	Off
DC Output 2:	0.000 V
DC Output 2:	Off
Port A (hex):	00
Port B (hex):	00
Port C (hex):	00

5/8/2023 1:59 PM

Sequence Report



Port D (hex): 00

- Clocks

Output Rate: Track Output SR

Sync Out Level: 3.300 V

Sync Out Polarity: Normal

Timebase Reference: Internal

Jitter: Disabled

- Triggers

Source: Off

Input Logic Level: 3.300 V

Edge: Rising

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 (5/8/2023 1:58:56.341 PM)

Ch1 268.7 mVrms

Gain (5/8/2023 1:58:56.341 PM)

Ch1 13.103 dB

THD+N Ratio (5/8/2023 1:58:56.341 PM)

Ch1 ---- %

Frequency (5/8/2023 1:58:56.341 PM)

Ch1 ---- Hz

Sequence Report



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 (5/8/2023 1:58:59.652 PM)

Channel	Lower Limit	Value	Upper Limit	
Ch1	-2.000 dBu	-8.445 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
AG52 Generator Option: Installed
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

DC Output 1: 0.000 V
DC Output 1: Off
DC Output 2: 0.000 V
DC Output 2: Off
Port A (hex): 00
Port B (hex): 00
Port C (hex): 00

5/8/2023 1:59 PM

Sequence Report



Port D (hex): 00

- Clocks

Output Rate: Track Output SR

Sync Out Level: 3.300 V

Sync Out Polarity: Normal

Timebase Reference: Internal

Jitter: Disabled

- Triggers

Source: Off

Input Logic Level: 3.300 V

Edge: Rising

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 (5/8/2023 1:59:04.976 PM)

Ch1 296.0 mVrms

Gain (5/8/2023 1:59:04.976 PM)

Ch1 13.944 dB

THD+N Ratio (5/8/2023 1:59:04.976 PM)

Ch1 ---- %

Frequency (5/8/2023 1:59:04.976 PM)

Ch1 ---- Hz

Sequence Report



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 (5/8/2023 1:59:07.686 PM)

Channel	Lower Limit	Value	Upper Limit	
Ch1	-8.000 dBu	-8.656 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
AG52 Generator Option:	Installed
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

DC Output 1:	0.000 V
DC Output 1:	Off
DC Output 2:	0.000 V
DC Output 2:	Off
Port A (hex):	00
Port B (hex):	00
Port C (hex):	00
Port D (hex):	00

5/8/2023 1:59 PM

Sequence Report



- Clocks

Output Rate:	Track Output SR
Sync Out Level:	3.300 V
Sync Out Polarity:	Normal
Timebase Reference:	Internal
Jitter:	Disabled

- Triggers

Source:	Off
Input Logic Level:	3.300 V
Edge:	Rising

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 (5/8/2023 1:59:12.265 PM)

Ch1	295.5 mVrms
Ch2	281.9 mVrms