Sequence Report

Audio precision

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

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
dBSPL1:	10.00 mVrms
dBSPL2:	10.00 mVrms
dBSPL1 Calibrator Level:	94.000 dBSPL
dBSPL2 Calibrator Level:	94.000 dBSPL
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

Mic500 200k Termination : Verify Connections

Waveform: Sine

Generator Level: -42.300 dBu

DC Offset: 0.000 V

Frequency: 1.00000 kHz

RMS Level (4/29/2023 11:51:47.008 PM)

Ch1 289.1 mVrms

Gain (4/29/2023 11:51:47.008 PM)

Ch1 33.741 dB

THD+N Ratio (4/29/2023 11:51:47.008 PM)

Ch1 ---- %

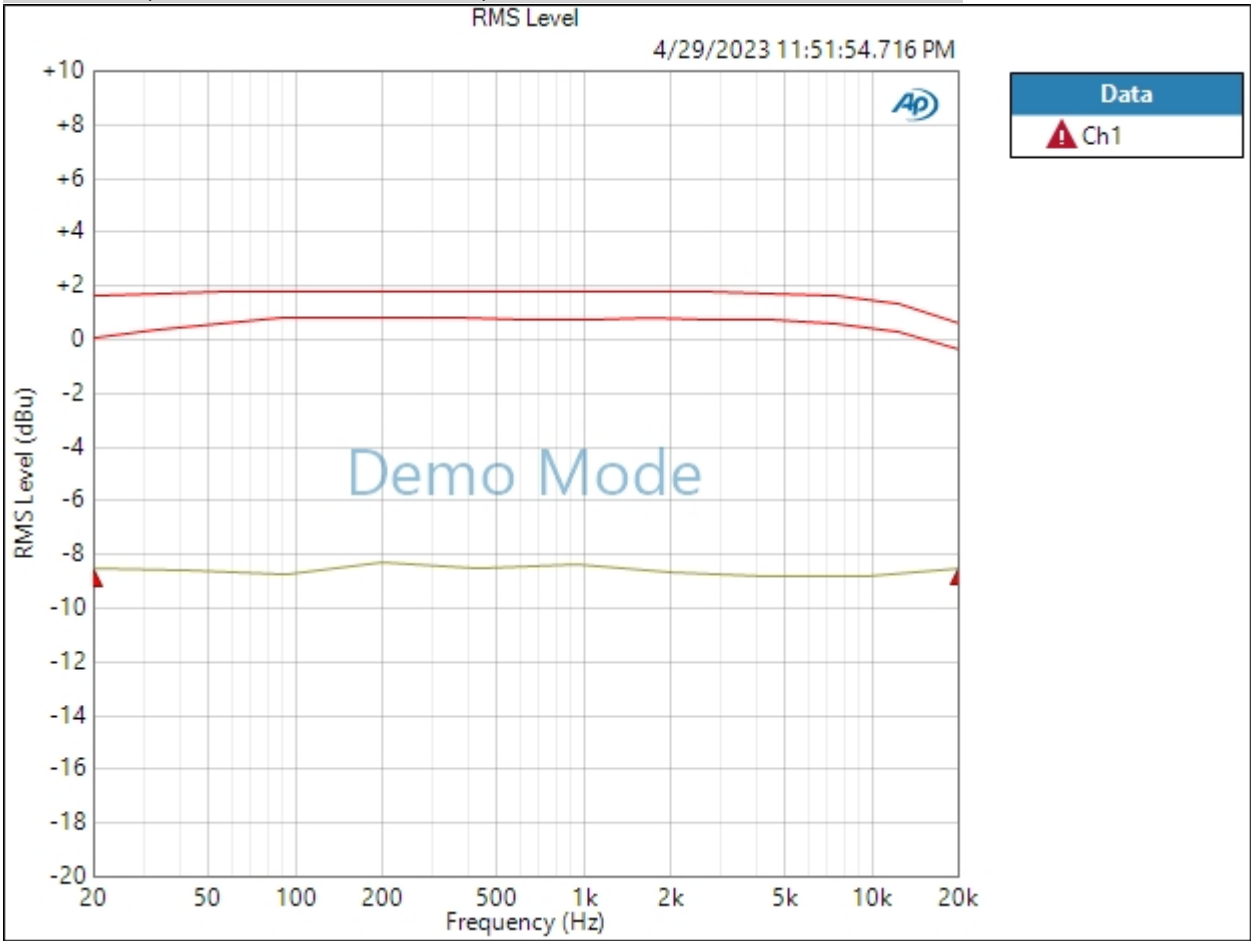
Frequency (4/29/2023 11:51:47.008 PM)

Ch1 ---- Hz

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	4/29/2023 11:51:54 PM

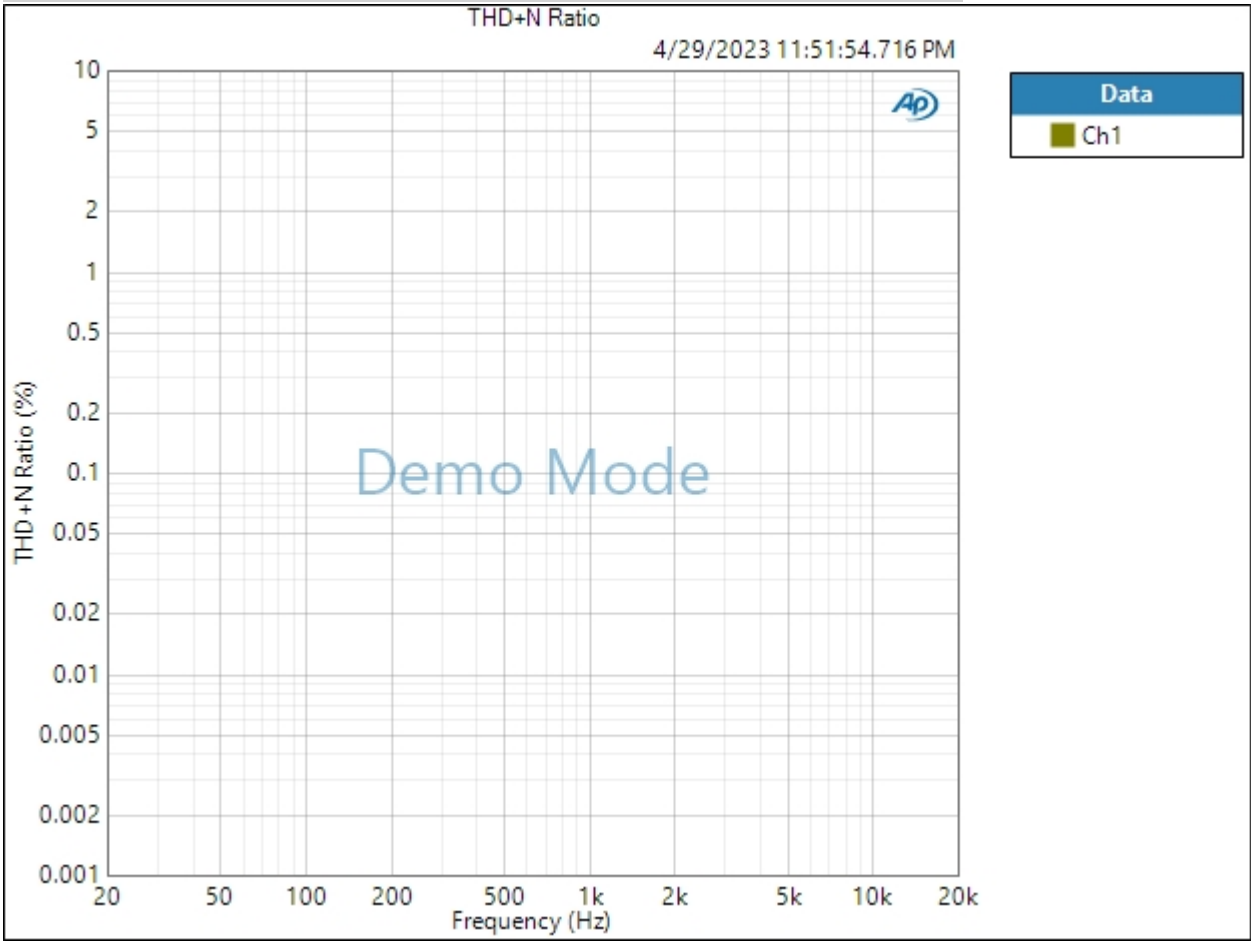
RMS Level (4/29/2023 11:51:54.716 PM)



Ch1 ⚠ Failed Lower Limit

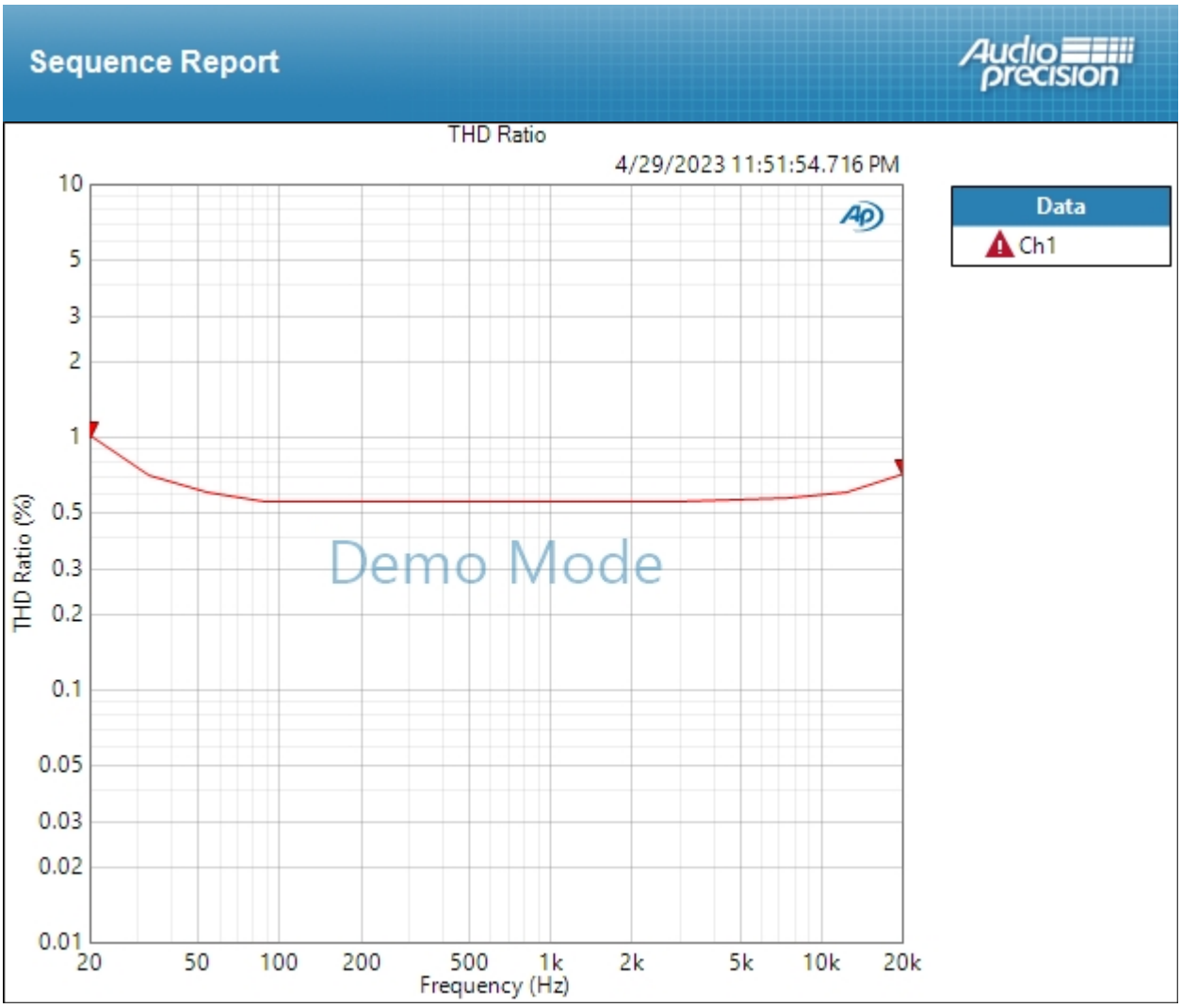
Result: FAILED

THD+N Ratio (4/29/2023 11:51:54.716 PM)



Result: PASSED

THD Ratio (4/29/2023 11:51:54.716 PM)



Ch1 ⚠ Failed Upper Limit

Result: ⚠ FAILED

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
dBSPL1:	10.00 mVrms
dBSPL2:	10.00 mVrms
dBSPL1 Calibrator Level:	94.000 dBSPL
dBSPL2 Calibrator Level:	94.000 dBSPL
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

Mic 2k 200k termination : Verify Connections

Waveform: Sine

Generator Level: -42.300 dBu

DC Offset: 0.000 V

Frequency: 1.00000 kHz

RMS Level (4/29/2023 11:51:59.777 PM)

Ch1 281.0 mVrms

Gain (4/29/2023 11:51:59.777 PM)

Ch1 33.492 dB

THD+N Ratio (4/29/2023 11:51:59.777 PM)

Ch1 ---- %

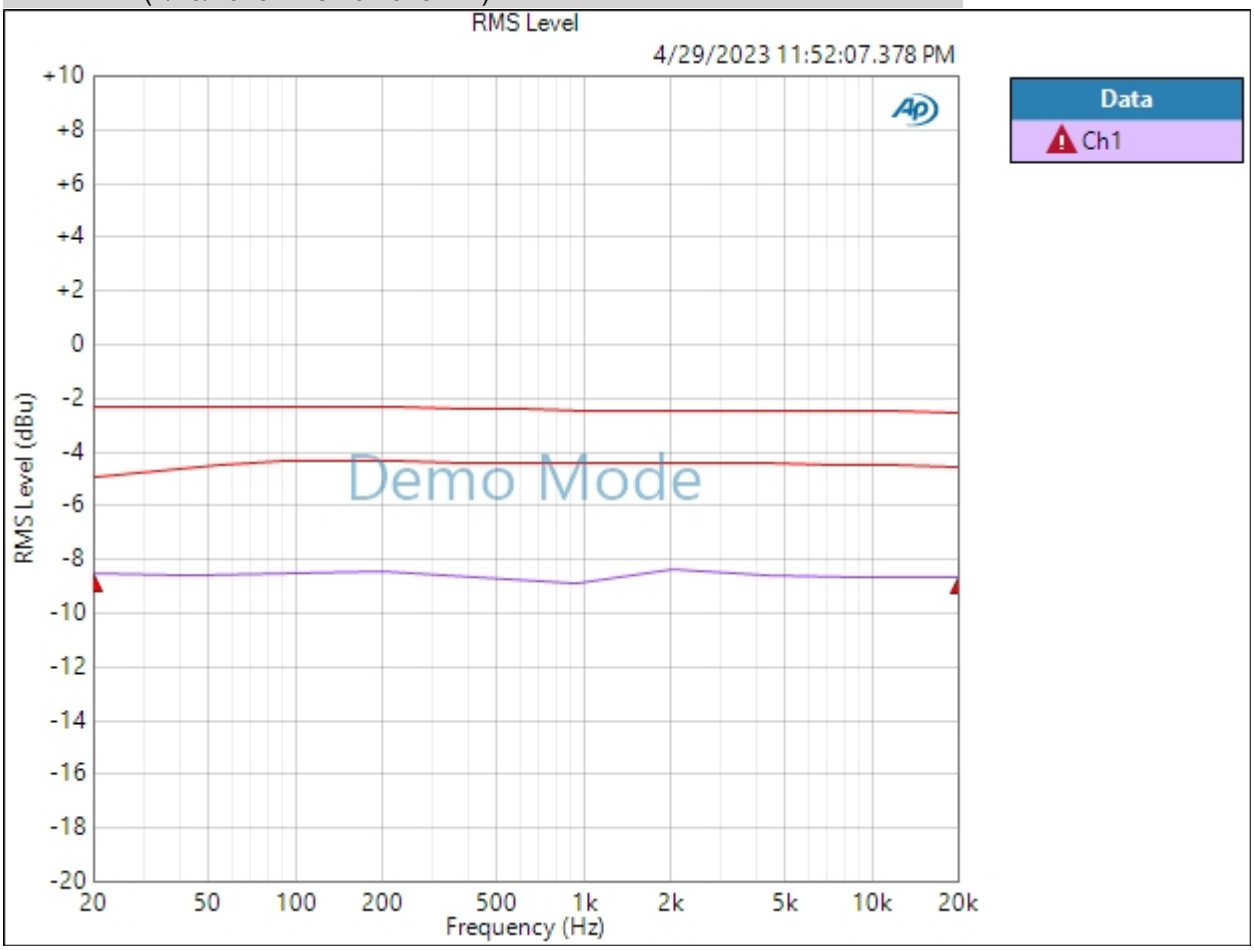
Frequency (4/29/2023 11:51:59.777 PM)

Ch1 ---- Hz

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	4/29/2023 11:52:07 PM

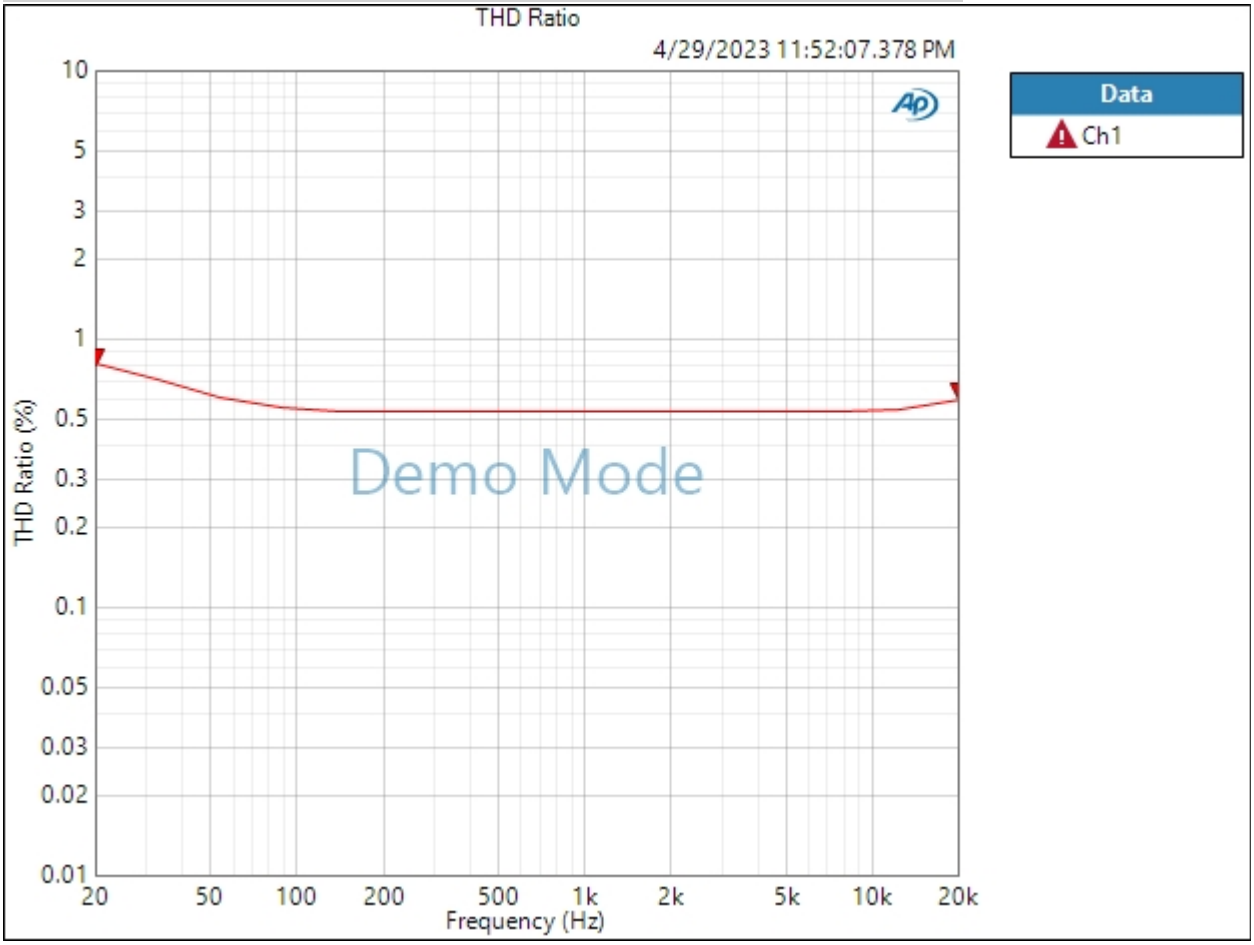
RMS Level (4/29/2023 11:52:07.378 PM)



Ch1 ⚠ Failed Lower Limit

Result: FAILED

THD Ratio (4/29/2023 11:52:07.378 PM)



Ch1 Failed Upper Limit

Result: FAILED

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 dBSPL
dBSPL2 Calibrator Level:	94.000 dBSPL
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

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 (4/29/2023 11:52:13.517 PM)

Ch1 291.0 mVrms

Gain (4/29/2023 11:52:13.517 PM)

Ch1 33.796 dB

THD+N Ratio (4/29/2023 11:52:13.517 PM)

Ch1 ---- %

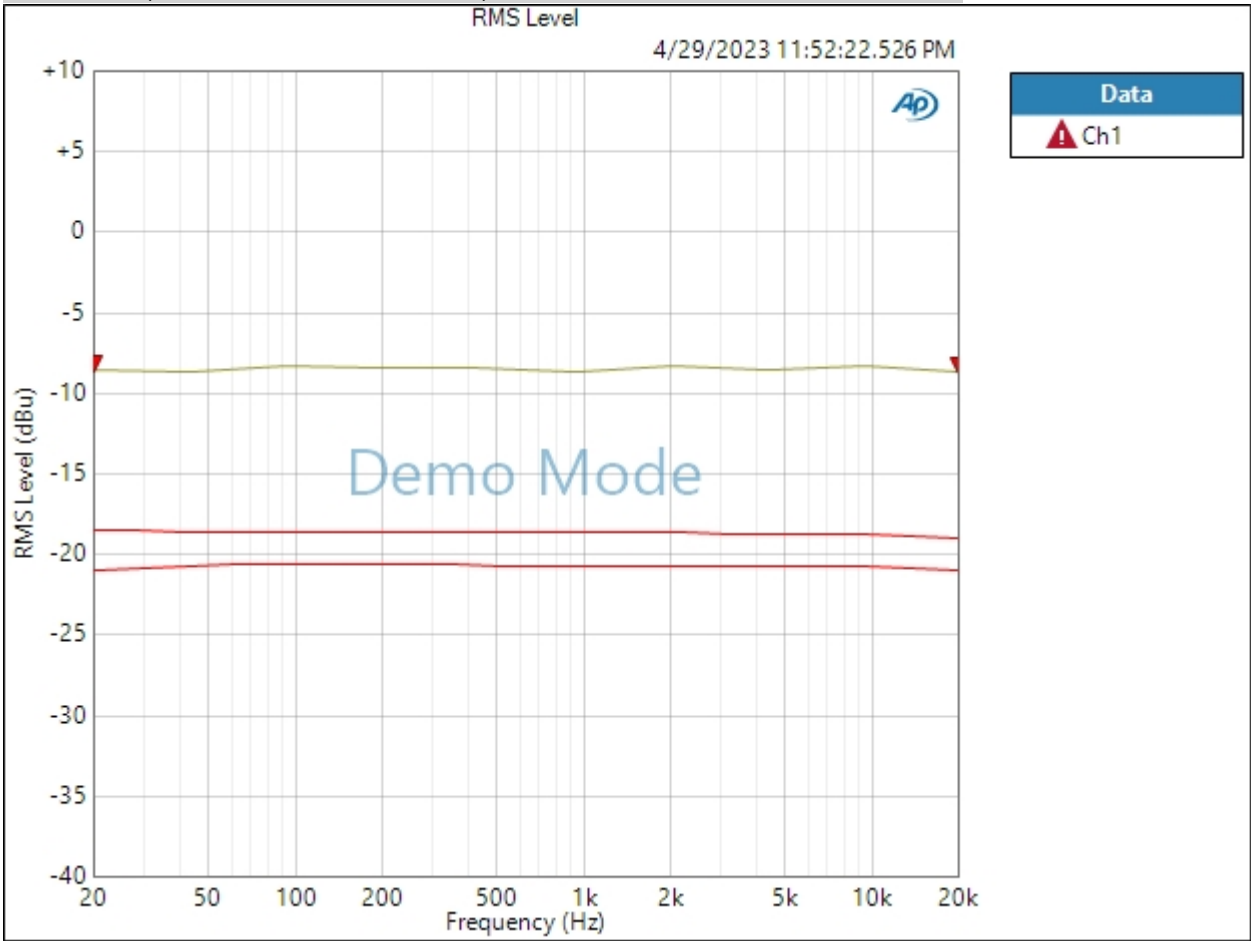
Frequency (4/29/2023 11:52:13.517 PM)

Ch1 ---- Hz

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	4/29/2023 11:52:22 PM

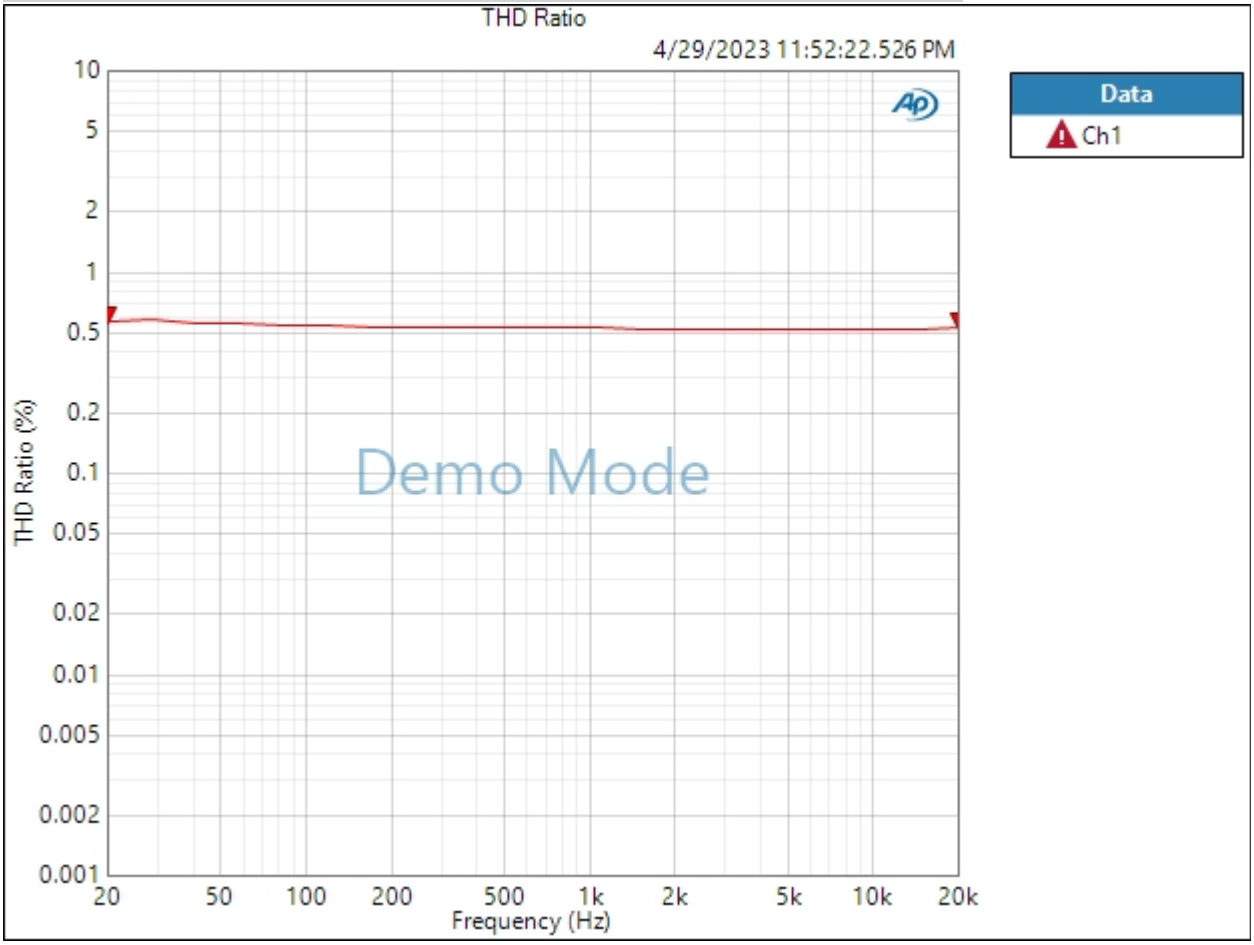
RMS Level (4/29/2023 11:52:22.526 PM)



Ch1 ⚠ Failed Upper Limit

Result: FAILED

THD Ratio (4/29/2023 11:52:22.526 PM)



Ch1 Failed Upper Limit

Result: FAILED

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 dBSPL
dBSPL2 Calibrator Level:	94.000 dBSPL
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

Line Gain -10 200kTermination : Verify Connections

Waveform: Sine

Generator Level: 0.000 dBu

DC Offset: 0.000 V

Frequency: 1.00000 kHz

RMS Level (4/29/2023 11:52:27.626 PM)

Ch1 286.9 mVrms

Gain (4/29/2023 11:52:27.626 PM)

Ch1 -8.628 dB

THD+N Ratio (4/29/2023 11:52:27.626 PM)

Ch1 ---- %

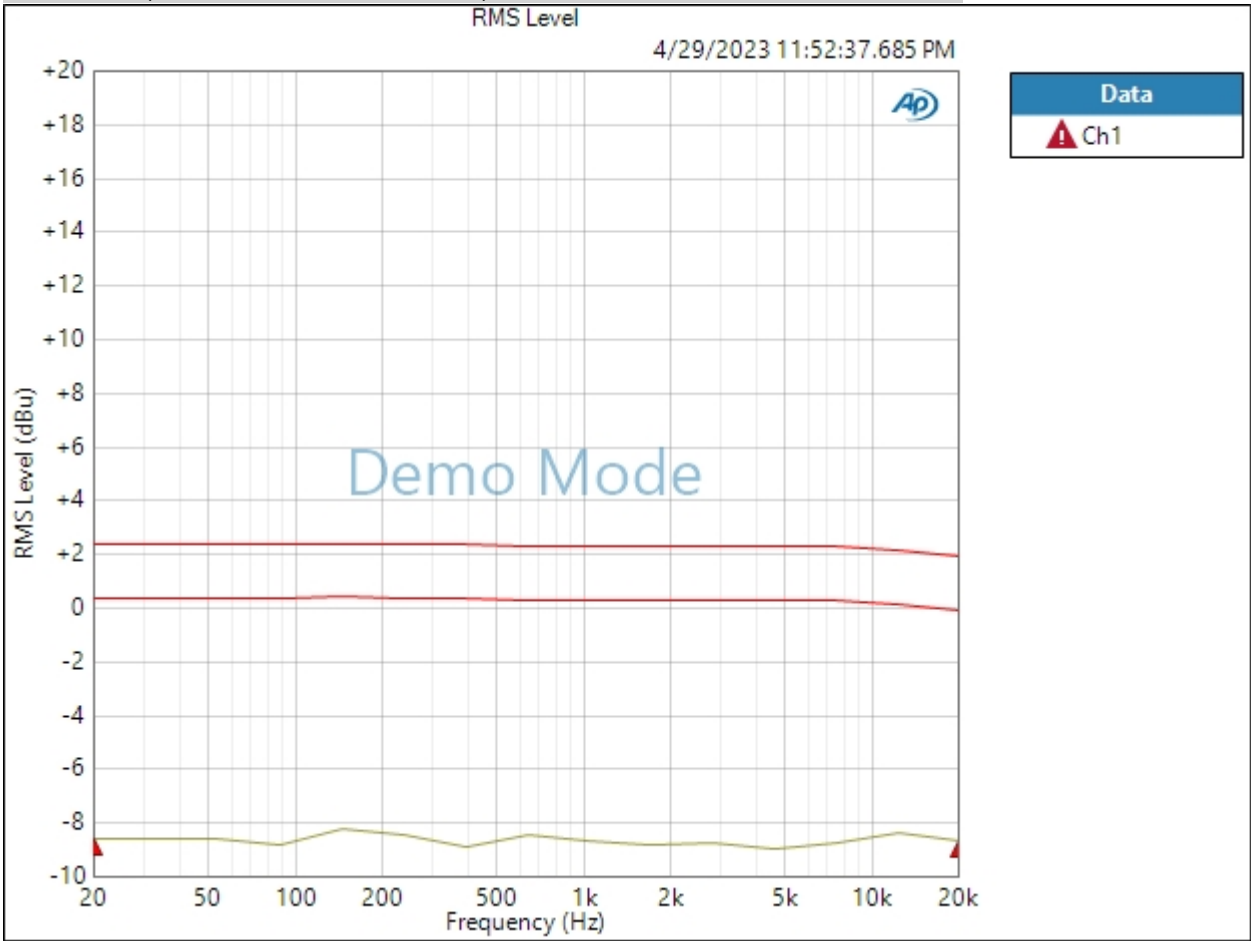
Frequency (4/29/2023 11:52:27.626 PM)

Ch1 ---- Hz

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	4/29/2023 11:52:37 PM

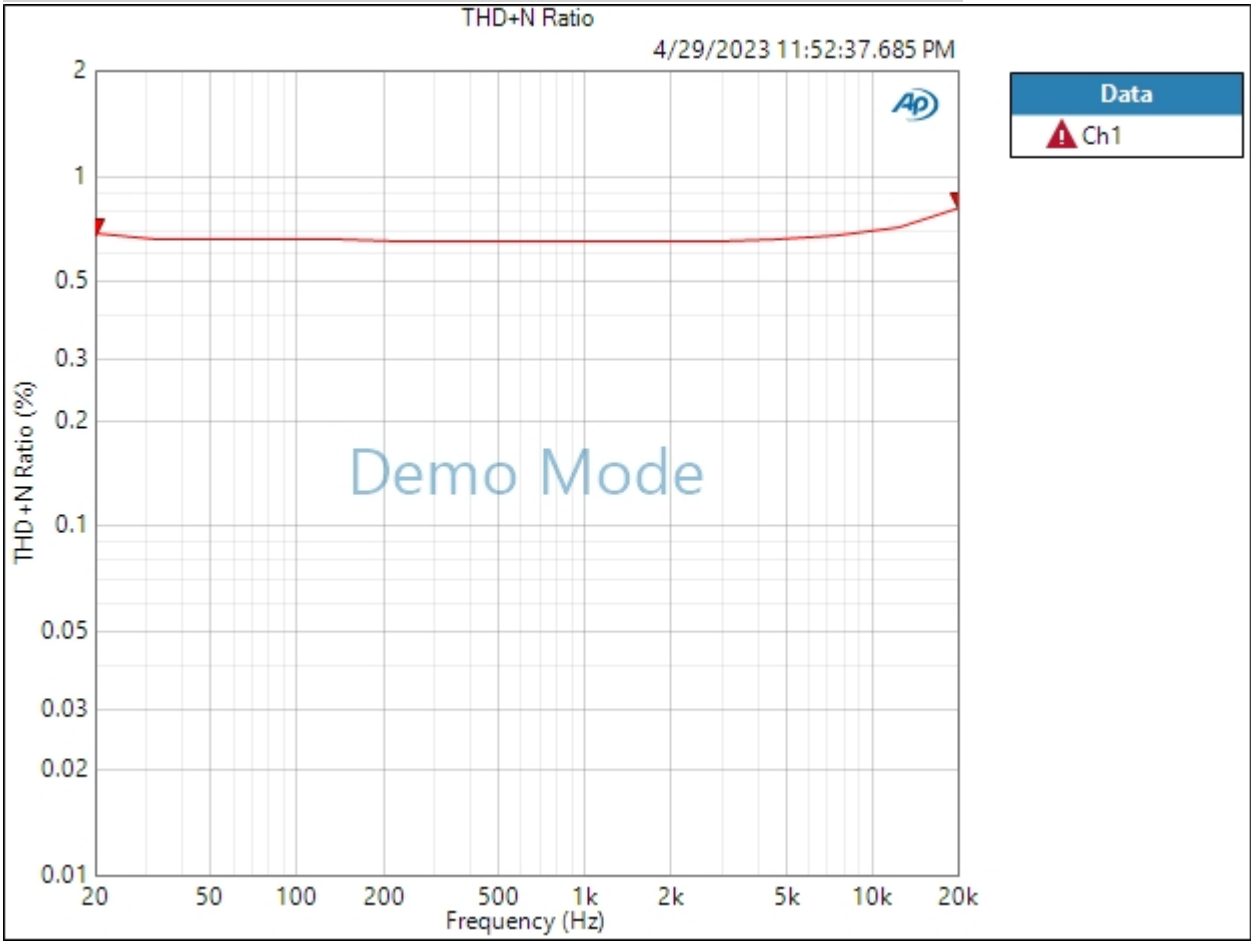
RMS Level (4/29/2023 11:52:37.685 PM)



Ch1 ⚠ Failed Lower Limit

Result: FAILED

THD+N Ratio (4/29/2023 11:52:37.685 PM)



Ch1 Failed Upper Limit

Result: FAILED

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
dBSPL1:	10.00 mVrms
dBSPL2:	10.00 mVrms
dBSPL1 Calibrator Level:	94.000 dBSPL
dBSPL2 Calibrator Level:	94.000 dBSPL
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

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 (4/29/2023 11:52:43.053 PM)

Ch1 299.3 mVrms

Gain (4/29/2023 11:52:43.053 PM)

Ch1 1.741 dB

THD+N Ratio (4/29/2023 11:52:43.053 PM)

Ch1 ---- %

Frequency (4/29/2023 11:52:43.053 PM)

Ch1 ---- Hz

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 (4/29/2023 11:52:45.464 PM)

Channel	Lower Limit	Value	Upper Limit	
Ch1	-11.500 dBu	-8.588 dBu	-8.500 dBu	✓

Result: ✓ PASSED

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 dBSPL
dBSPL2 Calibrator Level:	94.000 dBSPL
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

Line Gain +5 200kTermination : Verify Connections

Waveform: Sine

Generator Level: 0.000 dBu

DC Offset: 0.000 V

Frequency: 1.00000 kHz

RMS Level (4/29/2023 11:52:50.771 PM)

Ch1 277.7 mVrms

Gain (4/29/2023 11:52:50.771 PM)

Ch1 -8.909 dB

THD+N Ratio (4/29/2023 11:52:50.771 PM)

Ch1 ---- %

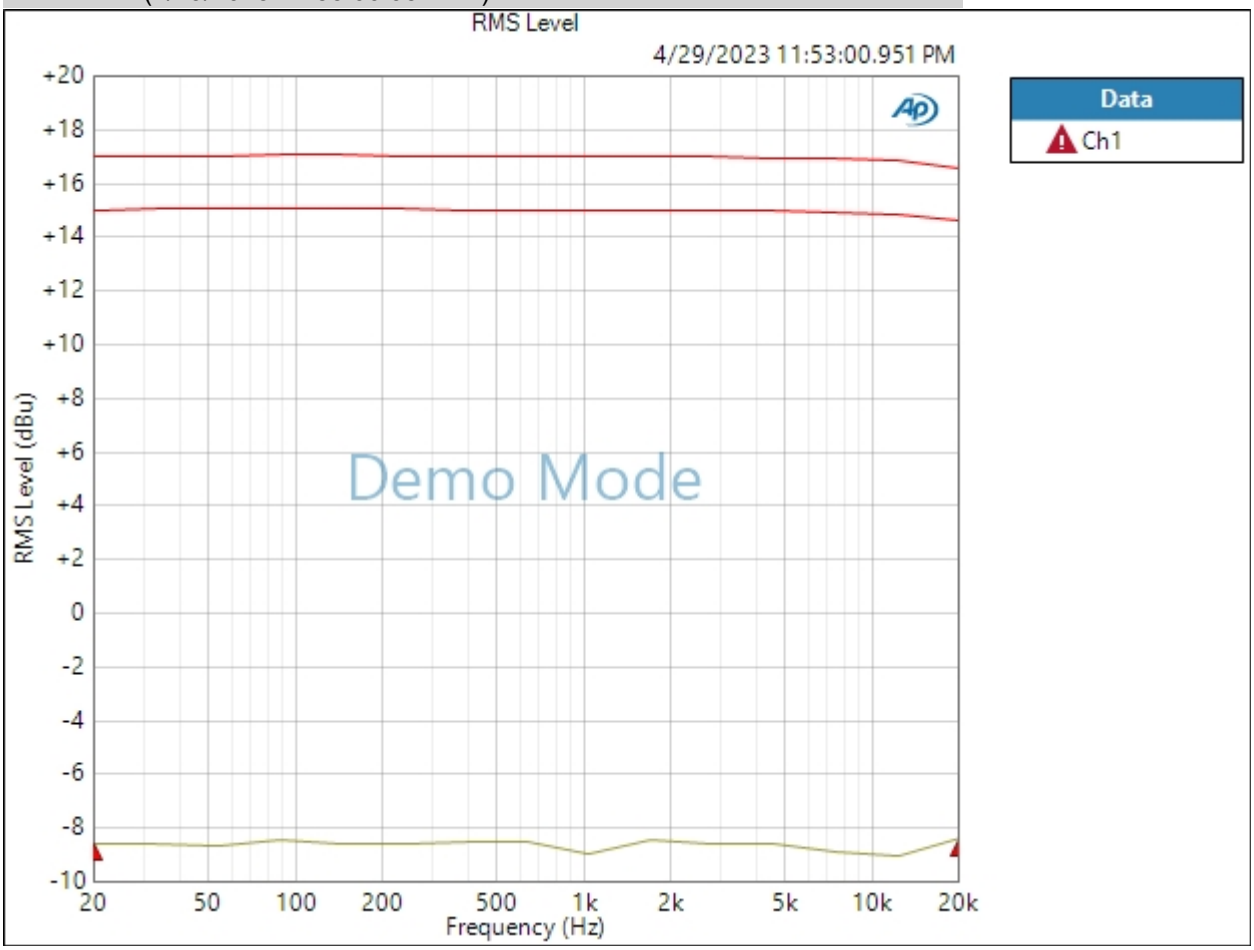
Frequency (4/29/2023 11:52:50.771 PM)

Ch1 ---- Hz

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	4/29/2023 11:53:00 PM

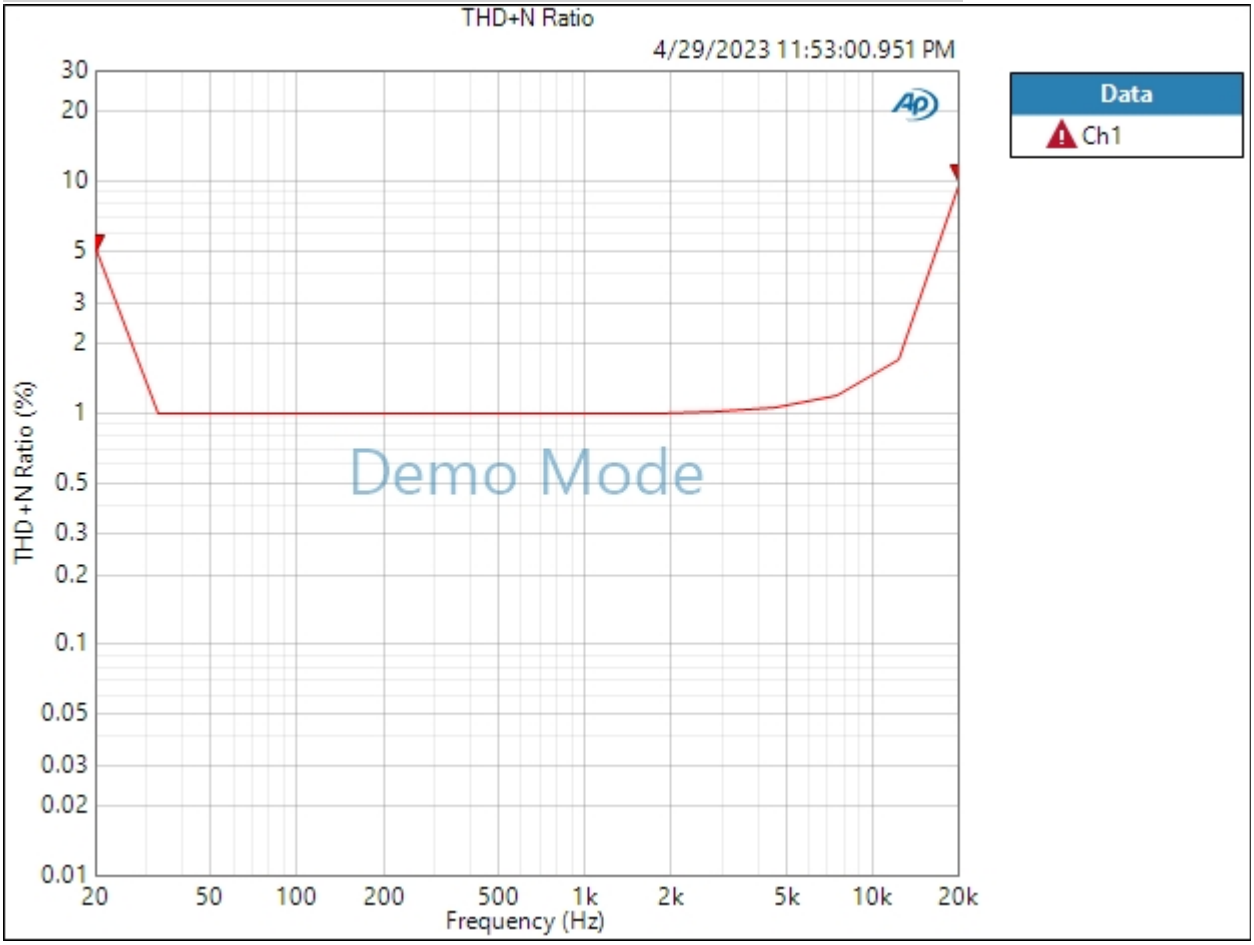
RMS Level (4/29/2023 11:53:00.951 PM)



Ch1 ⚠ Failed Lower Limit

Result: FAILED

THD+N Ratio (4/29/2023 11:53:00.951 PM)



Ch1 Failed Upper Limit

Result: FAILED

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
dBSPL1:	10.00 mVrms
dBSPL2:	10.00 mVrms
dBSPL1 Calibrator Level:	94.000 dBSPL
dBSPL2 Calibrator Level:	94.000 dBSPL
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

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 (4/29/2023 11:53:06.278 PM)

Ch1 289.8 mVrms

Gain (4/29/2023 11:53:06.278 PM)

Ch1 1.461 dB

THD+N Ratio (4/29/2023 11:53:06.278 PM)

Ch1 ---- %

Frequency (4/29/2023 11:53:06.278 PM)

Ch1 ---- Hz

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 (4/29/2023 11:53:10.081 PM)

Channel	Lower Limit	Value	Upper Limit	
Ch1	+3.500 dBu	-8.516 dBu	+6.500 dBu	⚠

Result: ⚠ FAILED

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
dBSPL1:	10.00 mVrms
dBSPL2:	10.00 mVrms
dBSPL1 Calibrator Level:	94.000 dBSPL
dBSPL2 Calibrator Level:	94.000 dBSPL
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

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 (4/29/2023 11:53:15.353 PM)

Ch1 290.3 mVrms

Gain (4/29/2023 11:53:15.353 PM)

Ch1 1.477 dB

THD+N Ratio (4/29/2023 11:53:15.353 PM)

Ch1 ---- %

Frequency (4/29/2023 11:53:15.353 PM)

Ch1 ---- Hz

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 (4/29/2023 11:53:19.117 PM)

Channel	Lower Limit	Value	Upper Limit	
Ch1	-6.500 dBu	-8.740 dBu	-3.500 dBu	⚠

Result: ⚠ FAILED

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 dBSPL
dBSPL2 Calibrator Level:	94.000 dBSPL
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

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 (4/29/2023 11:53:24.370 PM)

Ch1 299.1 mVrms

Gain (4/29/2023 11:53:24.370 PM)

Ch1 1.733 dB

THD+N Ratio (4/29/2023 11:53:24.370 PM)

Ch1 ---- %

Frequency (4/29/2023 11:53:24.370 PM)

Ch1 ---- Hz

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 (4/29/2023 11:53:28.163 PM)

Channel	Lower Limit	Value	Upper Limit	
Ch1	-1.500 dBu	-8.560 dBu	+1.500 dBu	⚠

Result: ⚠ FAILED

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
dBSPL1:	10.00 mVrms
dBSPL2:	10.00 mVrms
dBSPL1 Calibrator Level:	94.000 dBSPL
dBSPL2 Calibrator Level:	94.000 dBSPL
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

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 (4/29/2023 11:53:33.487 PM)

Ch1 285.0 mVrms

Gain (4/29/2023 11:53:33.487 PM)

Ch1 1.315 dB

THD+N Ratio (4/29/2023 11:53:33.487 PM)

Ch1 ---- %

Frequency (4/29/2023 11:53:33.487 PM)

Ch1 ---- Hz

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 (4/29/2023 11:53:37.512 PM)

Channel	Lower Limit	Value	Upper Limit	
Ch1	+8.500 dBu	-8.632 dBu	+11.500 dBu	⚠

Result: ⚠ FAILED

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 dBSPL
dBSPL2 Calibrator Level:	94.000 dBSPL
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

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 (4/29/2023 11:53:43.144 PM)

Ch1 291.4 mVrms

Gain (4/29/2023 11:53:43.144 PM)

Ch1 11.509 dB

THD+N Ratio (4/29/2023 11:53:43.144 PM)

Ch1 ---- %

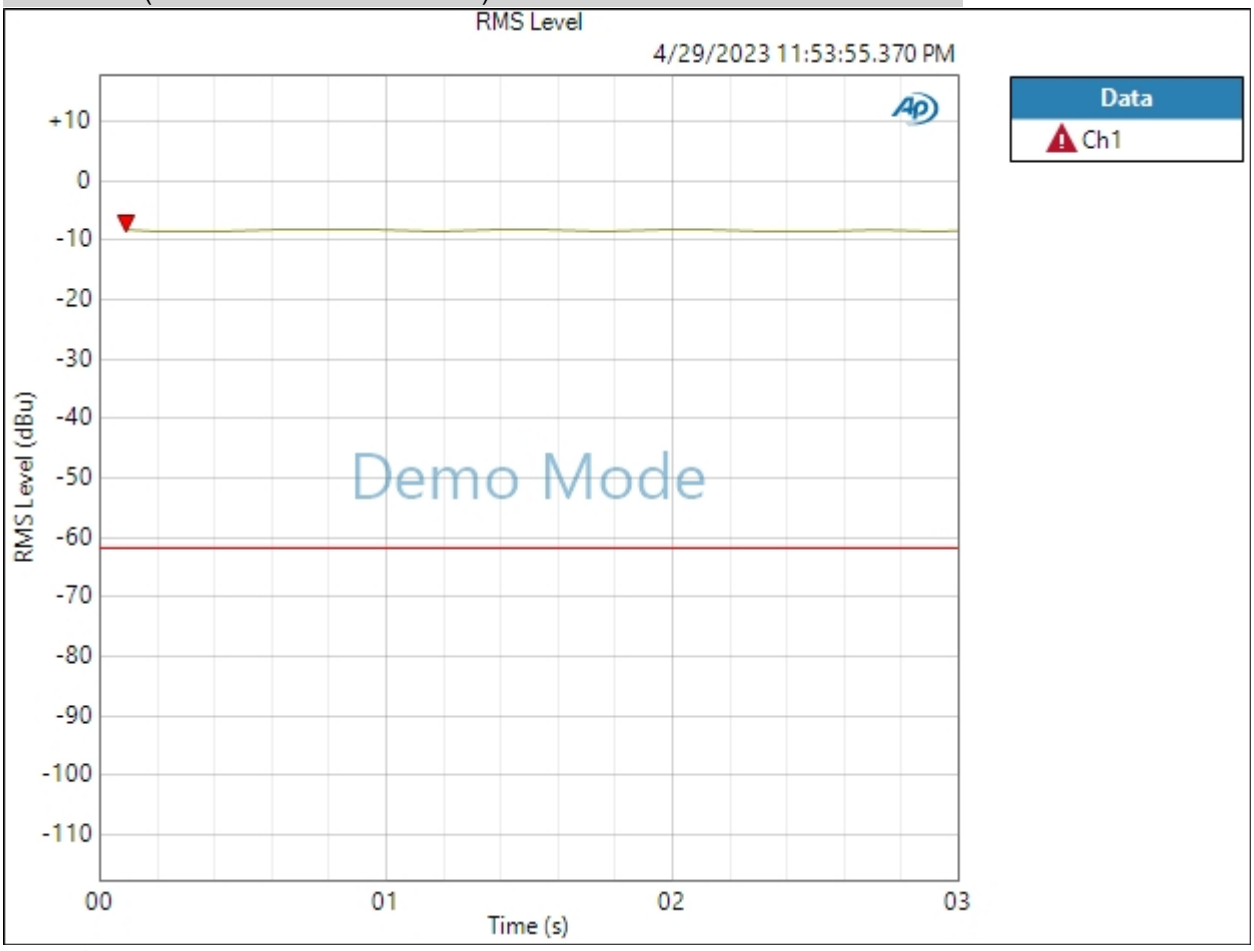
Frequency (4/29/2023 11:53:43.144 PM)

Ch1 ---- Hz

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	4/29/2023 11:53:55 PM

RMS Level (4/29/2023 11:53:55.370 PM)



Ch1 ⚠ Failed Upper Limit

Result: ⚠ FAILED

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
dBSPL1:	10.00 mVrms
dBSPL2:	10.00 mVrms
dBSPL1 Calibrator Level:	94.000 dBSPL
dBSPL2 Calibrator Level:	94.000 dBSPL
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

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 (4/29/2023 11:54:00.762 PM)

Ch1 282.3 mVrms

Gain (4/29/2023 11:54:00.762 PM)

Ch1 11.231 dB

THD+N Ratio (4/29/2023 11:54:00.762 PM)

Ch1 ---- %

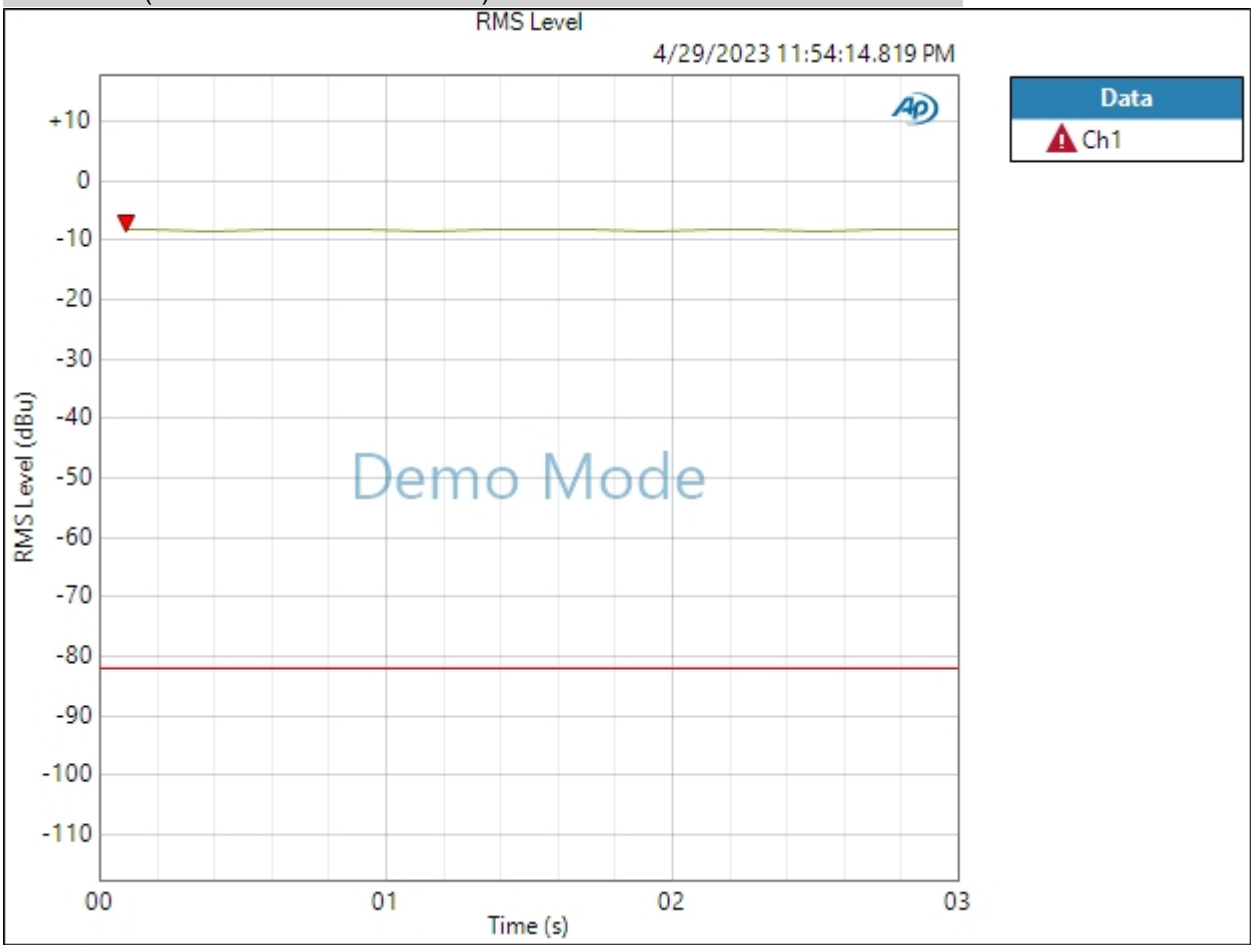
Frequency (4/29/2023 11:54:00.762 PM)

Ch1 ---- Hz

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	4/29/2023 11:54:14 PM

RMS Level (4/29/2023 11:54:14.819 PM)



Ch1 ⚠ Failed Upper Limit

Result: ⚠ FAILED

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
dBSPL1:	10.00 mVrms
dBSPL2:	10.00 mVrms
dBSPL1 Calibrator Level:	94.000 dBSPL
dBSPL2 Calibrator Level:	94.000 dBSPL
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

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 (4/29/2023 11:54:20.086 PM)

Ch1 283.7 mVrms

Gain (4/29/2023 11:54:20.086 PM)

Ch1 13.577 dB

THD+N Ratio (4/29/2023 11:54:20.086 PM)

Ch1 ---- %

Frequency (4/29/2023 11:54:20.086 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 (4/29/2023 11:54:25.536 PM)

Channel	Lower Limit	Value	Upper Limit	
Ch1	-2.000 dBu	-8.471 dBu	+2.000 dBu	⚠

Result: ⚠ FAILED

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 dBSPL
dBSPL2 Calibrator Level:	94.000 dBSPL
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

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 (4/29/2023 11:54:30.917 PM)

Ch1 293.4 mVrms

Gain (4/29/2023 11:54:30.917 PM)

Ch1 13.868 dB

THD+N Ratio (4/29/2023 11:54:30.917 PM)

Ch1 ---- %

Frequency (4/29/2023 11:54:30.917 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 (4/29/2023 11:54:34.814 PM)

Channel	Lower Limit	Value	Upper Limit	
Ch1	-8.000 dBu	-8.766 dBu	-4.000 dBu	⚠

Result: ⚠ FAILED

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
dBSPL1:	10.00 mVrms
dBSPL2:	10.00 mVrms
dBSPL1 Calibrator Level:	94.000 dBSPL
dBSPL2 Calibrator Level:	94.000 dBSPL
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

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 (4/29/2023 11:54:38.460 PM)

Ch1 288.4 mVrms

Ch2 286.2 mVrms