Schiit APx555 Test Suite: Lyr 5

Notes:

This is a test of a representative sample. If you have measurements that differ significantly from these, first check your analyzer and setup carefully, and (ideally) see if you can replicate the results on another analyzer. If the odd results persist, contact info@schiit.com so we can have a look.

Summary

Low Gain SS	
Level and Gain	PASSED
DC Level	PASSED
Signal Analyzer	PASSED
Frequency Response	PASSED
Signal to Noise Ratio	PASSED
THD+N	PASSED
IMD Level Sweep (CCIF)	PASSED
IMD Frequency Sweep (CCIF)	PASSED
Crosstalk, One Channel Undriven	PASSED
Stepped Level Sweep	PASSED
High Gain SS	
Level and Gain	PASSED
DC Level	PASSED
Signal Analyzer	PASSED
Frequency Response	PASSED
Signal to Noise Ratio	PASSED
THD+N	PASSED
IMD Level Sweep (CCIF)	PASSED
IMD Frequency Sweep (CCIF)	PASSED
Crosstalk, One Channel Undriven	PASSED
Stepped Level Sweep	PASSED
Low Gain Tube	
Level and Gain	PASSED
DC Level	PASSED
Signal Analyzer	PASSED
Frequency Response	PASSED
Signal to Noise Ratio	PASSED
THD+N	PASSED
IMD Level Sweep (CCIF)	PASSED
IMD Frequency Sweep (CCIF)	PASSED
Crosstalk, One Channel Undriven	PASSED
Stepped Level Sweep	PASSED
High Gain Tube	

Level and Gain	PASSED
DC Level	PASSED
Signal Analyzer	PASSED
Frequency Response	PASSED
Signal to Noise Ratio	PASSED
THD+N	PASSED
IMD Level Sweep (CCIF)	PASSED
IMD Frequency Sweep (CCIF)	PASSED
Crosstalk, One Channel Undriven	PASSED
Stepped Level Sweep	PASSED

Preamp SS

Level and Gain	PASSED
DC Level	PASSED
Signal Analyzer	PASSED
Frequency Response	PASSED
Signal to Noise Ratio	PASSED
THD+N	PASSED
IMD Level Sweep (CCIF)	PASSED
IMD Frequency Sweep (CCIF)	PASSED
Crosstalk, One Channel Undriven	PASSED
Stepped Level Sweep	PASSED

Preamp Tube

Level and Gain	PASSED
DC Level	PASSED
Signal Analyzer	PASSED
Frequency Response	PASSED
Signal to Noise Ratio	PASSED
THD+N	PASSED
IMD Level Sweep (CCIF)	PASSED
IMD Frequency Sweep (CCIF)	PASSED
Crosstalk, One Channel Undriven	PASSED
Stepped Level Sweep	PASSED

Sequence Result:

Sequence Result: PASSED

APx Instrument

Instrument ID:	11571
Calibration Date:	3/23/2021
APx Version:	6.0.2.600.149330

300 Ohm Low Gain SS : Signal Path Setup

Output Connector:	Analog Unbalanced
Channels:	2
Generator Mode:	High Performance Sine Generator
Precision Tune:	Disabled
Source Impedance:	20 ohm, 20 ohm
AG52 Generator Option:	Installed
Auto Range:	Enabled
Output EQ:	None
Input 1:	Analog Unbalanced
Input Bandwidth:	AC (<10 Hz) - 20 kHz (44.1 kHz SR)
Input EQ:	None
Channels:	2
Termination:	300 ohm
High Performance Sine Analyzer:	Enabled
Input 2:	None
Device Delay:	0.000 s

• 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

Analog Input

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

DCX is not detected.

• 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

300 Ohm Low Gain SS : Level and Gain

Waveform:	Sine
Generator Mode:	High Performance Sine Generator
Precision Tune:	Disabled
Generator Level:	1.700 Vrms
Frequency:	1.00000 kHz
Low-pass Filter:	Signal Path

RMS Level (4/6/2026 10:21:58.991 AM)

Ch1 1.957 Vrms
Ch2 1.957 Vrms

300 Ohm Low Gain SS : DC Level

Waveform:	Sine
Generator Level:	0.000 Vrms
DC Offset:	0.000 V
Frequency:	1.00000 kHz
Delay Time:	100.0 ms
Acquisition Time:	333.0 ms

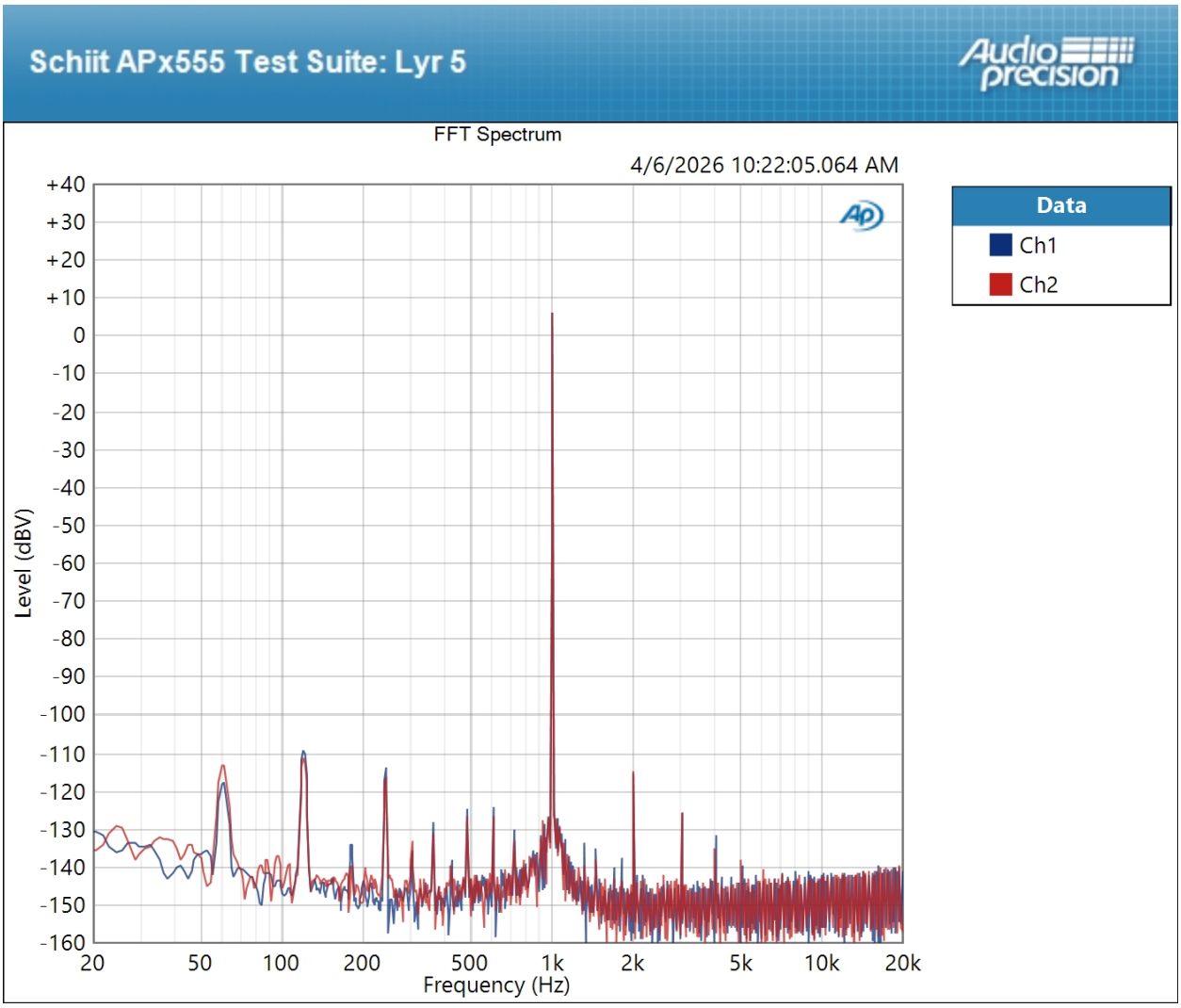
DC Level (4/6/2026 10:22:00.564 AM)

Ch1 184.1 uV
Ch2 -438.8 uV

300 Ohm Low Gain SS : Signal Analyzer

Waveform:	Sine
Generator Mode:	High Performance Sine Generator
Precision Tune:	Disabled
Generator Level:	1.700 Vrms
Frequency:	1.00000 kHz
Secondary Source:	None
Measured 1	4/6/2026 10:22:05 AM
Acquisition Type:	Auto
Trigger:	Free Run
Delay Time:	250.0 ms
Input Bandwidth:	Use Signal Path
FFT Length:	32K
Averaging:	Power
Averages:	3
Window:	AP-Equiripple
Record Acquisition:	False
Recording Type:	Multiple Mono PCM (.wav)

FFT Spectrum (4/6/2026 10:22:05.064 AM)

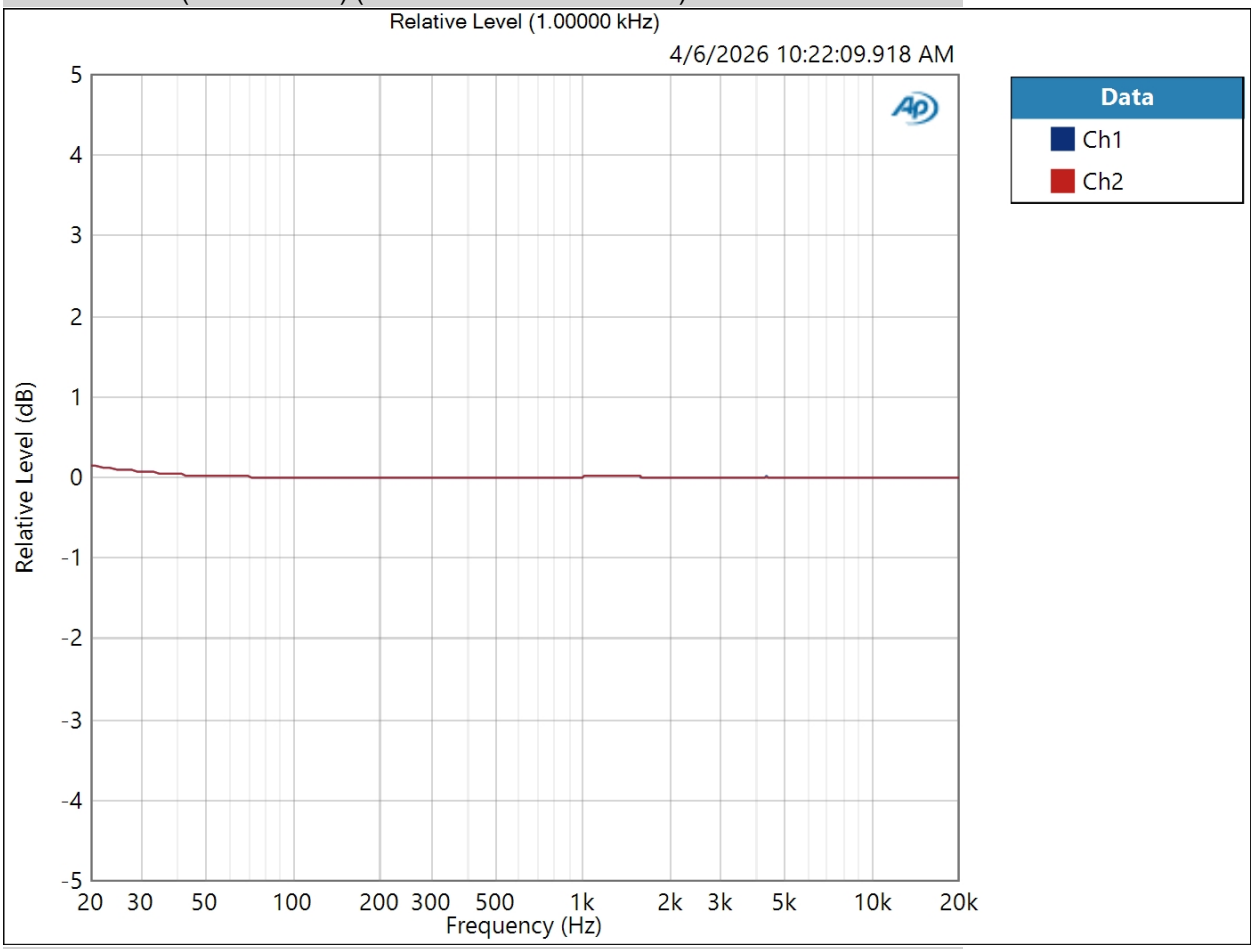


Result: PASSED

300 Ohm Low Gain SS : Frequency Response

Start Frequency:	20.0000 Hz
Stop Frequency:	20.0000 kHz
Generator Level:	1.700 Vrms
DC Offset:	0.000 V
EQ:	None
Pre-Sweep:	100.0 ms
Sweep:	350.0 ms
Extend Acquisition By:	1.000 s
Secondary Source:	None
Measured 1	4/6/2026 10:22:09 AM

Relative Level (1.00000 kHz) (4/6/2026 10:22:09.918 AM)



Relative Level (1.00000 kHz) Parameters

Mode: Normalized at Reference

Ref Frequency: 1.00000 kHz

Result: PASSED

Deviation (20.0000 Hz - 20.0000 kHz) (4/6/2026 10:22:09.918 AM)

Ch1 ±0.077 dB

Ch2 ±0.078 dB

Deviation (20.0000 Hz - 20.0000 kHz) Parameters

Min: 20.0000 Hz

Max: 20.0000 kHz

300 Ohm Low Gain SS : Signal to Noise Ratio

Waveform:	Sine
Generator Mode:	High Performance Sine Generator
Precision Tune:	Disabled
Generator Level:	1.700 Vrms
Frequency:	1.00000 kHz
High-pass Filter:	Elliptic
High-pass Frequency:	20 Hz
Low-pass Filter:	Elliptic
Low-pass Frequency:	20 kHz
Weighting Filter:	A-wt.

Signal to Noise Ratio (4/6/2026 10:22:12.819 AM)

Ch1 118.305 dB

Ch2 118.972 dB

300 Ohm Low Gain SS : THD+N

Waveform:	Sine
Generator Mode:	High Performance Sine Generator
Precision Tune:	Disabled
Generator Level:	1.700 Vrms
Frequency:	1.00000 kHz
High-pass Filter:	Elliptic
High-pass Frequency:	20 Hz
Low-pass Filter:	Elliptic
Low-pass Frequency:	20 kHz
Weighting Filter:	Signal Path
Notch Tuning Mode:	Measured Frequency

THD+N Ratio (4/6/2026 10:22:15.912 AM)

Ch1	0.000294 %
Ch2	0.000282 %

THD Ratio (4/6/2026 10:22:15.912 AM)

Ch1	0.000096 %
Ch2	0.000099 %

Noise Ratio (4/6/2026 10:22:15.912 AM)

Ch1	0.000278 %
Ch2	0.000262 %

Distortion Product Ratio (4/6/2026 10:22:15.912 AM)

Channel	F	H2	H3	H4	H5	H6	H7	H8	H9	H10
	1.000k	2.000k	3.000k	4.000k	5.000k	6.000k	7.000k	8.000k	9.000k	10.00k
Ch1	-0.00	-121.18	-130.93	-138.01	-145.31	-148.45	-144.82	-143.81	-147.40	-145.25
	1.000k	2.000k	3.000k	4.000k	5.000k	6.000k	7.000k	8.000k	9.000k	10.00k
Ch2	-0.00	-120.98	-129.93	-138.85	-144.33	-142.86	-141.61	-142.66	-145.44	-144.60

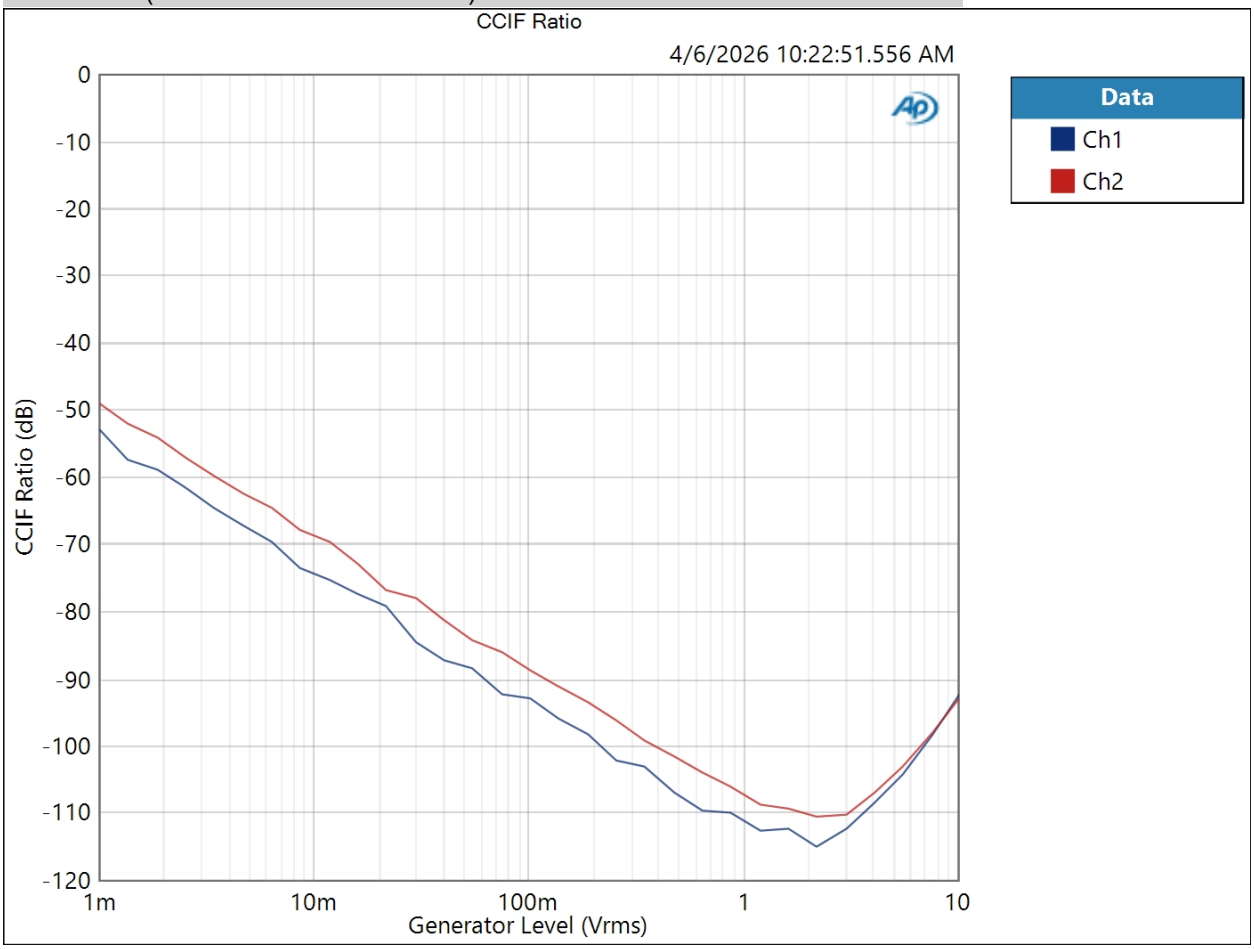
Distortion Product Ratio Parameters

Frequency Unit:	Hz
Ratio Unit:	dB
Channel:	Ch1

300 Ohm Low Gain SS : IMD Level Sweep (CCIF)

IMD Type:	CCIF
Mean Frequency:	12.5000 kHz
Diff Frequency:	80.0000 Hz
IMD Split:	False
Start Level:	1.000 mVrms
Stop Level:	10.00 Vrms
Step Type:	Logarithmic
Number of Points:	31
Mode:	d2+d3
Measured 1	4/6/2026 10:22:51 AM

CCIF Ratio (4/6/2026 10:22:51.556 AM)

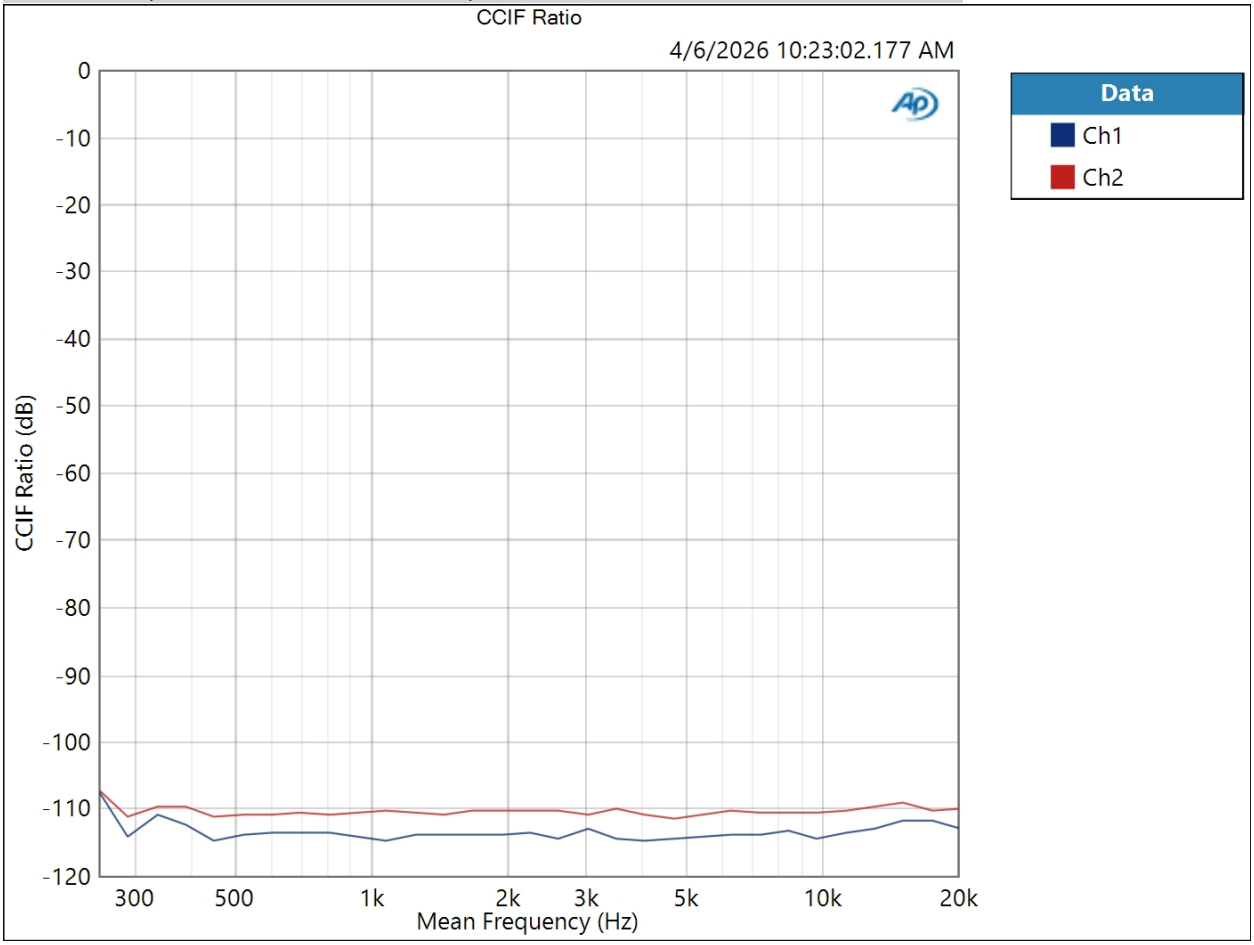


Result: PASSED

300 Ohm Low Gain SS : IMD Frequency Sweep (CCIF)

Generator Level:	1.700 Vrms
DC Offset:	0.000 V
Sweep Frequency:	Mean Frequency
Diff Frequency:	80.0000 Hz
IMD Split:	False
Start Frequency:	20.0000 kHz
Stop Frequency:	250.000 Hz
Step Type:	Logarithmic
Number of Points:	31
Mode:	d2+d3
Measured 1	4/6/2026 10:23:02 AM

CCIF Ratio (4/6/2026 10:23:02.177 AM)



Result: PASSED

300 Ohm Low Gain SS : Crosstalk, One Channel Undriven

Waveform:	Sine
Generator Mode:	High Performance Sine Generator
Precision Tune:	Disabled
Generator Level:	1.700 Vrms
Frequency:	10.0000 kHz

Crosstalk (4/6/2026 10:23:04.459 AM)

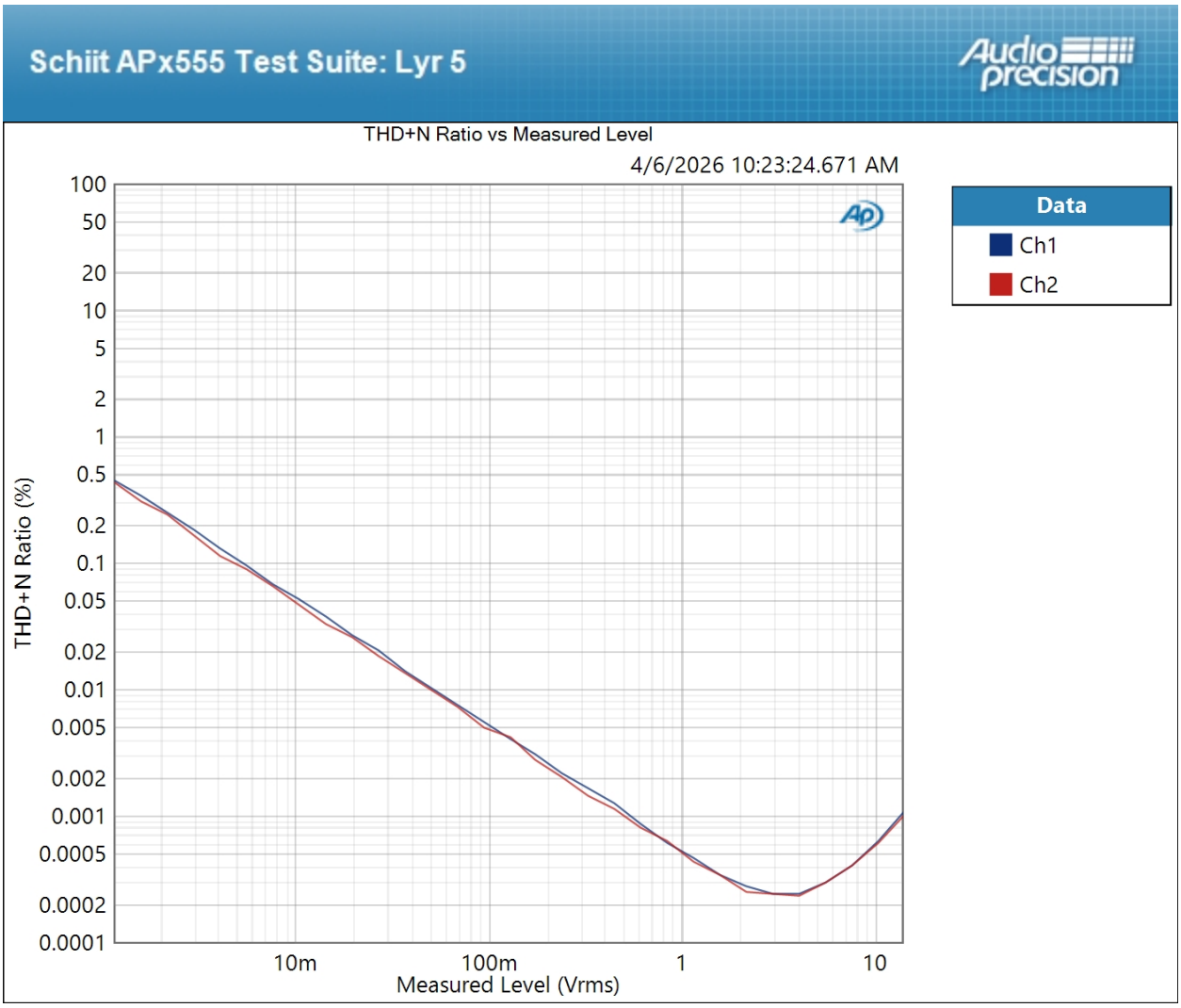
Ch1 -83.964 dB

Ch2 -83.970 dB

300 Ohm Low Gain SS : Stepped Level Sweep

Waveform:	Sine
Generator Mode:	High Performance Sine Generator
Precision Tune:	Disabled
Frequency:	1.00000 kHz
Start Level:	1.000 mVrms
Stop Level:	12.00 Vrms
Step Type:	Logarithmic
Number of Points:	31
High-pass Filter:	Elliptic
High-pass Frequency:	20 Hz
Low-pass Filter:	Elliptic
Low-pass Frequency:	20 kHz
Weighting Filter:	Signal Path
Notch Tuning Mode:	Generator Frequency
Measured 1	4/6/2026 10:23:24 AM

THD+N Ratio vs Measured Level (4/6/2026 10:23:24.671 AM)



Result: PASSED

300 Ohm High Gain SS : Signal Path Setup

Output Connector:	Analog Unbalanced
Channels:	2
Generator Mode:	High Performance Sine Generator
Precision Tune:	Disabled
Source Impedance:	20 ohm, 20 ohm
AG52 Generator Option:	Installed
Auto Range:	Enabled
Output EQ:	None
Input 1:	Analog Unbalanced
Input Bandwidth:	AC (<10 Hz) - 20 kHz (44.1 kHz SR)
Input EQ:	None
Channels:	2
Termination:	300 ohm
High Performance Sine Analyzer:	Enabled
Input 2:	None
Device Delay:	0.000 s

• 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

Analog Input

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

DCX is not detected.

• 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

300 Ohm High Gain SS : Level and Gain

Waveform:	Sine
Generator Mode:	High Performance Sine Generator
Precision Tune:	Disabled
Generator Level:	280.0 mVrms
Frequency:	1.00000 kHz
Low-pass Filter:	Signal Path

RMS Level (4/6/2026 10:26:14.296 AM)

Ch1 2.044 Vrms
Ch2 2.052 Vrms

300 Ohm High Gain SS : DC Level

Waveform:	Sine
Generator Level:	0.000 Vrms
DC Offset:	0.000 V
Frequency:	1.00000 kHz
Delay Time:	100.0 ms
Acquisition Time:	333.0 ms

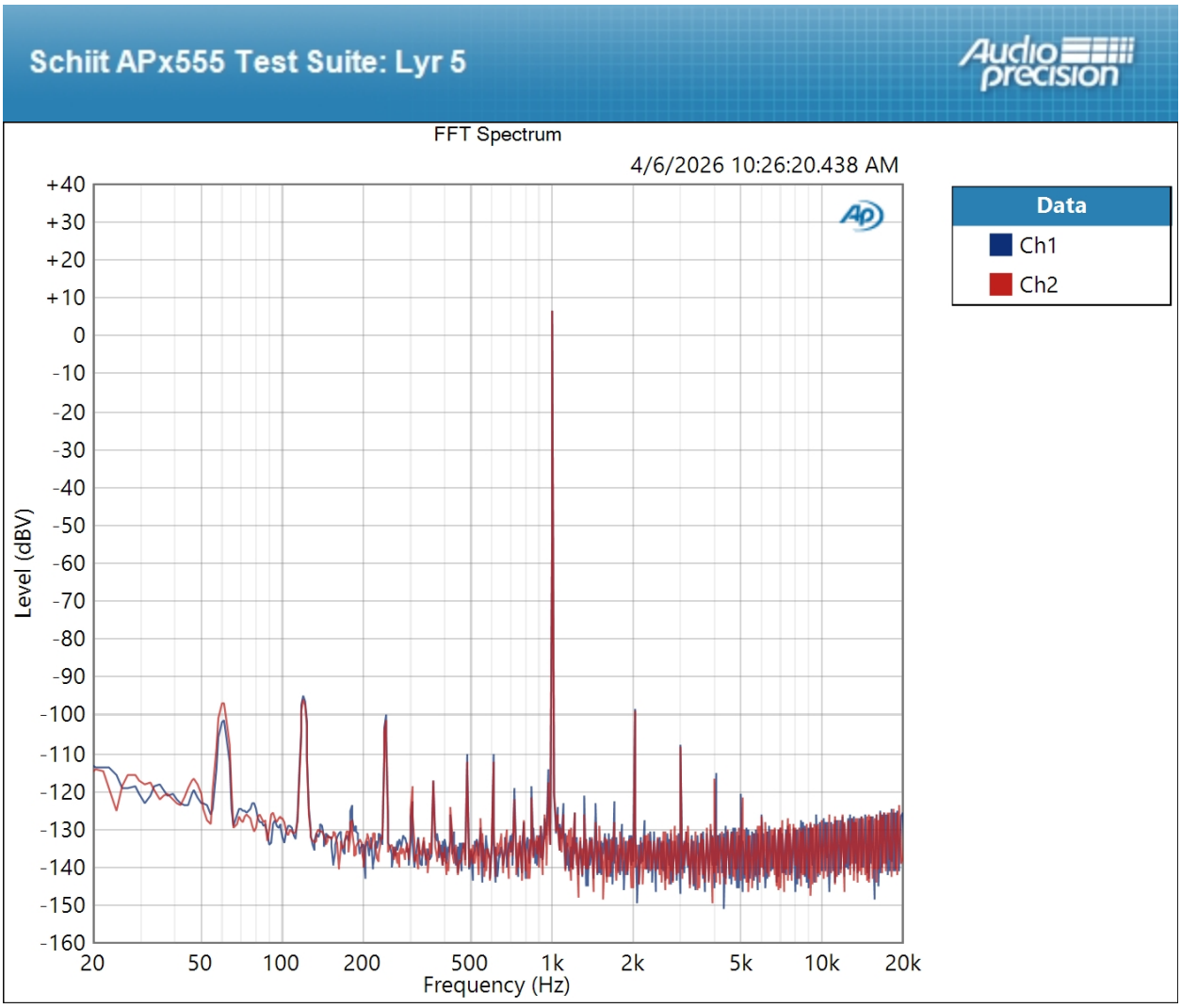
DC Level (4/6/2026 10:26:15.925 AM)

Ch1 199.6 uV
Ch2 -405.2 uV

300 Ohm High Gain SS : Signal Analyzer

Waveform:	Sine
Generator Mode:	High Performance Sine Generator
Precision Tune:	Disabled
Generator Level:	280.0 mVrms
Frequency:	1.00000 kHz
Secondary Source:	None
Measured 1	4/6/2026 10:26:20 AM
Acquisition Type:	Auto
Trigger:	Free Run
Delay Time:	250.0 ms
Input Bandwidth:	Use Signal Path
FFT Length:	32K
Averaging:	Power
Averages:	3
Window:	AP-Equiripple
Record Acquisition:	False
Recording Type:	Multiple Mono PCM (.wav)

FFT Spectrum (4/6/2026 10:26:20.438 AM)

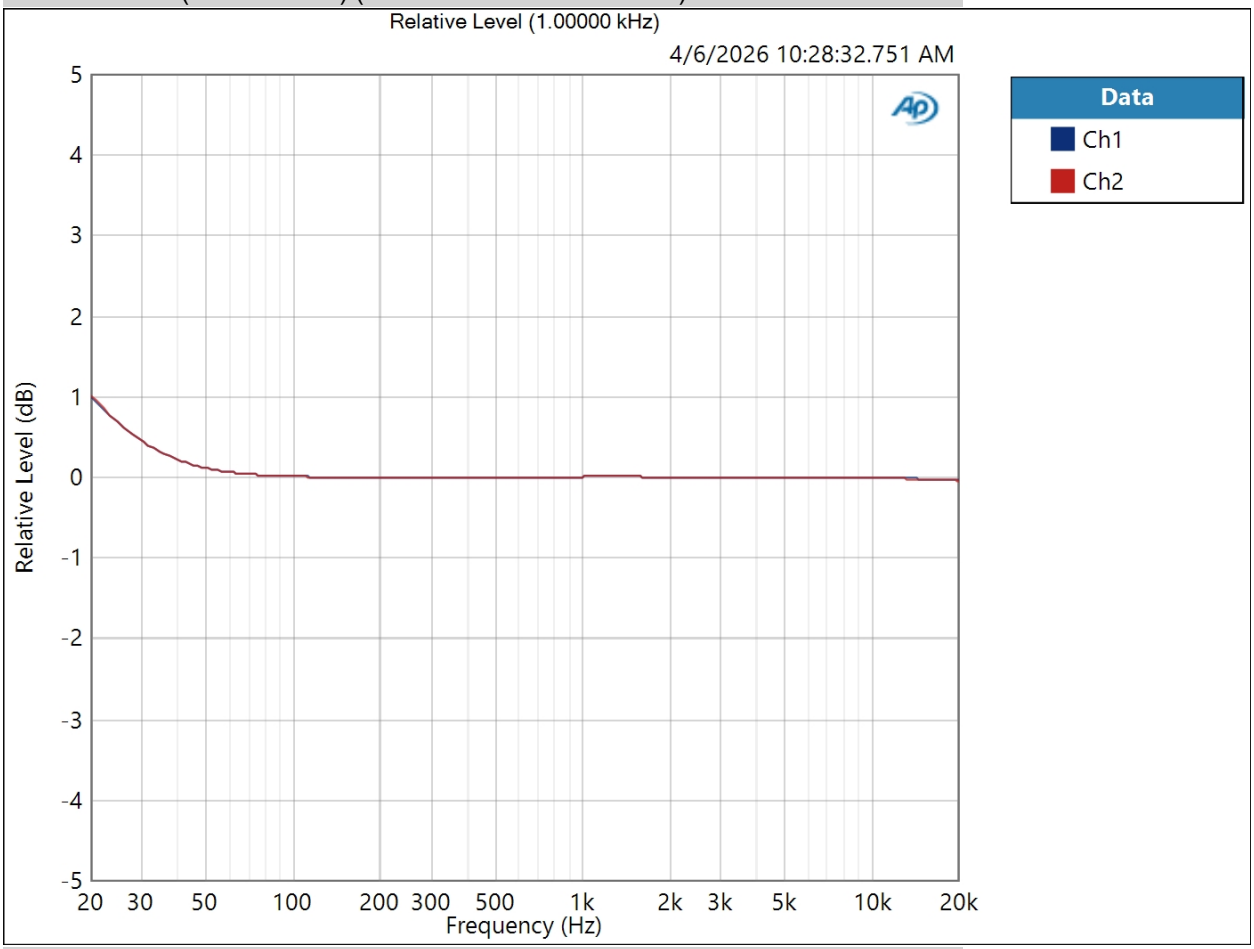


Result: PASSED

300 Ohm High Gain SS : Frequency Response

Start Frequency:	20.0000 Hz
Stop Frequency:	20.0000 kHz
Generator Level:	280.0 mVrms
DC Offset:	0.000 V
EQ:	None
Pre-Sweep:	100.0 ms
Sweep:	350.0 ms
Extend Acquisition By:	1.000 s
Secondary Source:	None
Measured 1	4/6/2026 10:28:32 AM

Relative Level (1.00000 kHz) (4/6/2026 10:28:32.751 AM)



Relative Level (1.00000 kHz) Parameters

Mode:	Normalized at Reference

Ref Frequency: 1.00000 kHz

Result: PASSED

Deviation (20.0000 Hz - 20.0000 kHz) (4/6/2026 10:28:32.751 AM)

Ch1 ±0.518 dB

Ch2 ±0.524 dB

Deviation (20.0000 Hz - 20.0000 kHz) Parameters

Min: 20.0000 Hz

Max: 20.0000 kHz

300 Ohm High Gain SS : Signal to Noise Ratio

Waveform:	Sine
Generator Mode:	High Performance Sine Generator
Precision Tune:	Disabled
Generator Level:	280.0 mVrms
Frequency:	1.00000 kHz
High-pass Filter:	Elliptic
High-pass Frequency:	20 Hz
Low-pass Filter:	Elliptic
Low-pass Frequency:	20 kHz
Weighting Filter:	A-wt.

Signal to Noise Ratio (4/6/2026 10:26:30.607 AM)

Ch1 103.733 dB

Ch2 104.019 dB

300 Ohm High Gain SS : THD+N

Waveform:	Sine
Generator Mode:	High Performance Sine Generator
Precision Tune:	Disabled
Generator Level:	280.0 mVrms
Frequency:	1.00000 kHz
High-pass Filter:	Elliptic
High-pass Frequency:	20 Hz
Low-pass Filter:	Elliptic
Low-pass Frequency:	20 kHz
Weighting Filter:	Signal Path
Notch Tuning Mode:	Measured Frequency

THD+N Ratio (4/6/2026 10:26:34.011 AM)

Ch1 0.001559 %

Ch2 0.001543 %

THD Ratio (4/6/2026 10:26:34.011 AM)

Ch1 0.000656 %

Ch2 0.000611 %

Noise Ratio (4/6/2026 10:26:34.011 AM)

Ch1 0.001421 %

Ch2 0.001446 %

Distortion Product Ratio (4/6/2026 10:26:34.011 AM)

Channel	F	H2	H3	H4	H5	H6	H7	H8	H9	H10
	1.000k	2.000k	3.000k	4.000k	5.000k	6.000k	7.000k	8.000k	9.000k	10.00k
Ch1	-0.00	-104.39	-114.26	-122.27	-126.08	-132.61	-129.70	-131.52	-129.93	-131.84
	1.000k	2.000k	3.000k	4.000k	5.000k	6.000k	7.000k	8.000k	9.000k	10.00k
Ch2	-0.00	-105.06	-114.48	-121.85	-129.30	-129.02	-131.69	-128.18	-129.57	-131.42

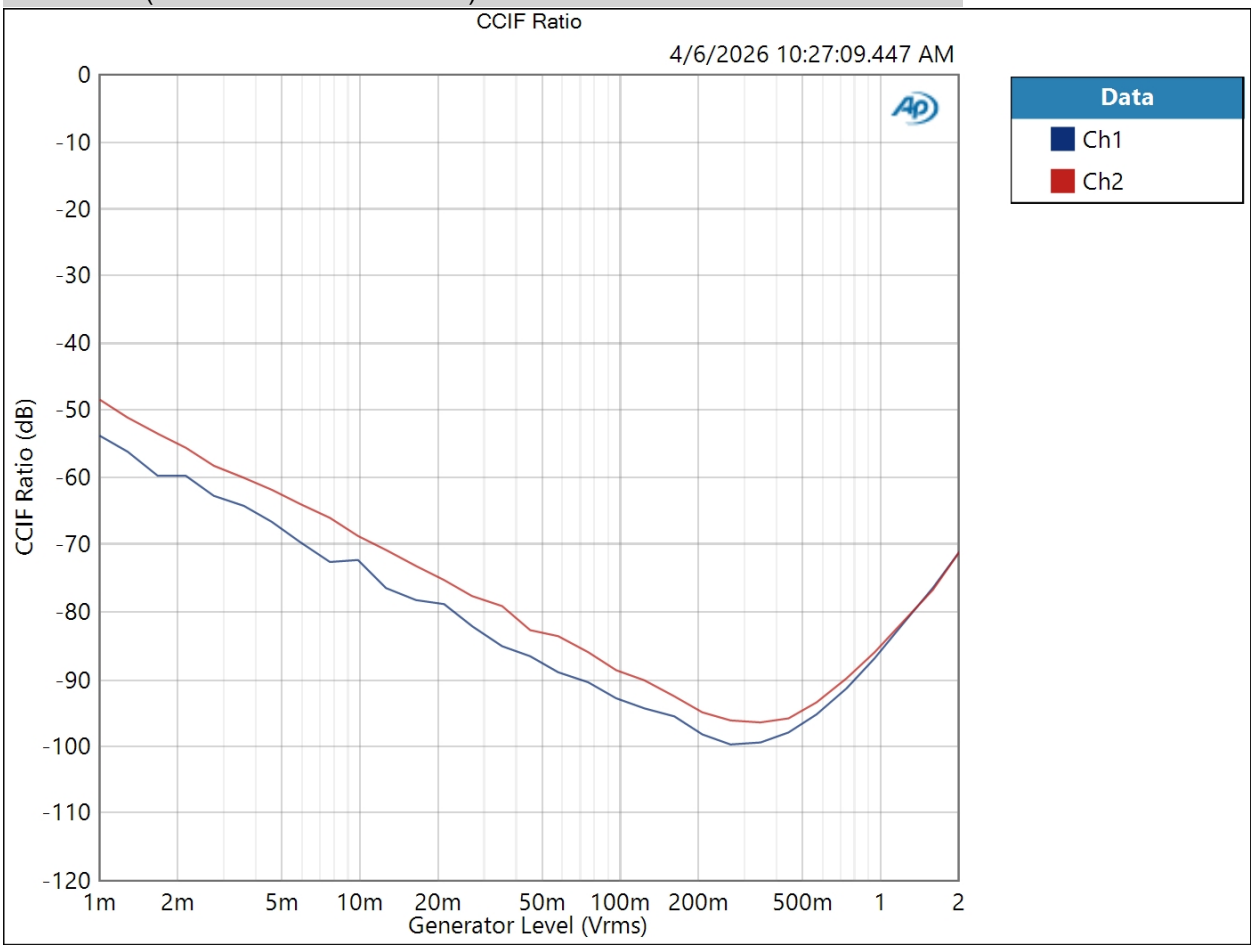
Distortion Product Ratio Parameters

Frequency Unit:	Hz
Ratio Unit:	dB
Channel:	Ch1

300 Ohm High Gain SS : IMD Level Sweep (CCIF)

IMD Type:	CCIF
Mean Frequency:	12.5000 kHz
Diff Frequency:	80.0000 Hz
IMD Split:	False
Start Level:	1.000 mVrms
Stop Level:	2.000 Vrms
Step Type:	Logarithmic
Number of Points:	31
Mode:	d2+d3
Measured 1	4/6/2026 10:27:09 AM

CCIF Ratio (4/6/2026 10:27:09.447 AM)

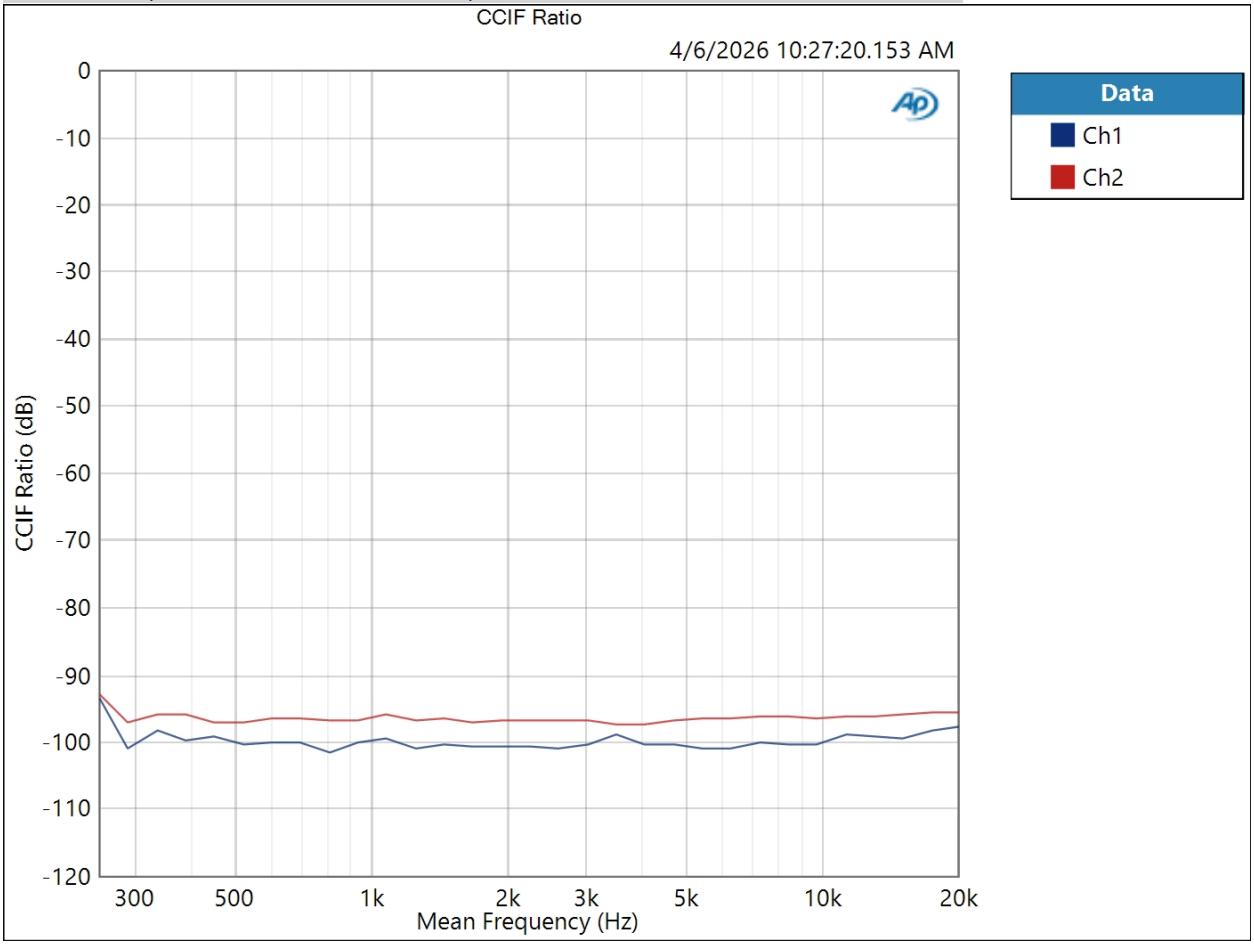


Result: PASSED

300 Ohm High Gain SS : IMD Frequency Sweep (CCIF)

Generator Level:	280.0 mVrms
DC Offset:	0.000 V
Sweep Frequency:	Mean Frequency
Diff Frequency:	80.0000 Hz
IMD Split:	False
Start Frequency:	20.0000 kHz
Stop Frequency:	250.000 Hz
Step Type:	Logarithmic
Number of Points:	31
Mode:	d2+d3
Measured 1	4/6/2026 10:27:20 AM

CCIF Ratio (4/6/2026 10:27:20.153 AM)



Result: PASSED

300 Ohm High Gain SS : Crosstalk, One Channel Undriven

Waveform:	Sine
Generator Mode:	High Performance Sine Generator
Precision Tune:	Disabled
Generator Level:	280.0 mVrms
Frequency:	10.0000 kHz

Crosstalk (4/6/2026 10:27:22.501 AM)

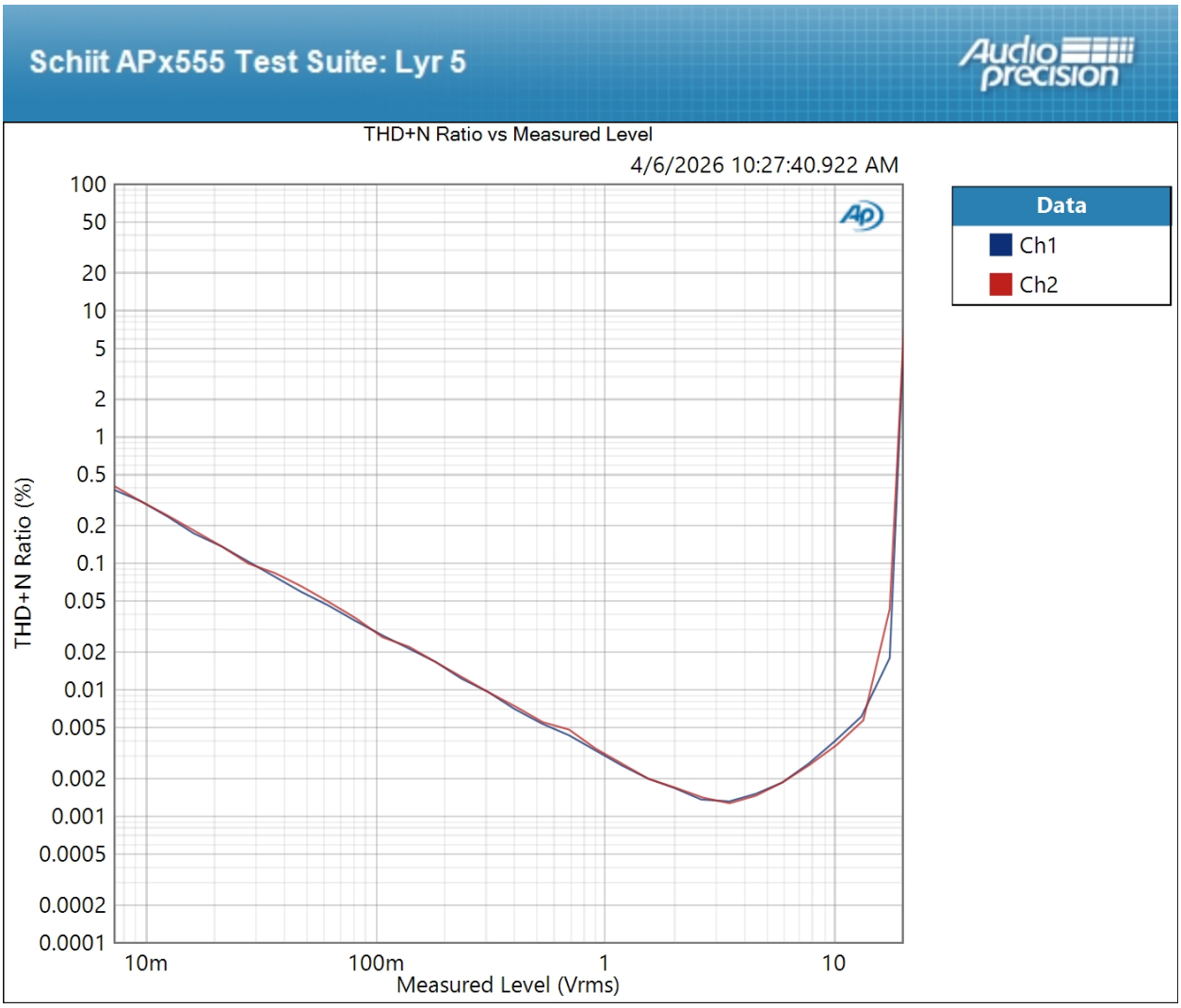
Ch1 -80.247 dB

Ch2 -80.991 dB

300 Ohm High Gain SS : Stepped Level Sweep

Waveform:	Sine
Generator Mode:	High Performance Sine Generator
Precision Tune:	Disabled
Frequency:	1.00000 kHz
Start Level:	1.000 mVrms
Stop Level:	3.000 Vrms
Step Type:	Logarithmic
Number of Points:	31
High-pass Filter:	Elliptic
High-pass Frequency:	20 Hz
Low-pass Filter:	Elliptic
Low-pass Frequency:	20 kHz
Weighting Filter:	Signal Path
Notch Tuning Mode:	Generator Frequency
Measured 1	4/6/2026 10:27:40 AM

THD+N Ratio vs Measured Level (4/6/2026 10:27:40.922 AM)



Result: PASSED

300 Ohm Low Gain Tube : Signal Path Setup

Output Connector:	Analog Unbalanced
Channels:	2
Generator Mode:	High Performance Sine Generator
Precision Tune:	Disabled
Source Impedance:	20 ohm, 20 ohm
AG52 Generator Option:	Installed
Auto Range:	Enabled
Output EQ:	None
Input 1:	Analog Unbalanced
Input Bandwidth:	AC (<10 Hz) - 20 kHz (44.1 kHz SR)
Input EQ:	None
Channels:	2
Termination:	300 ohm
High Performance Sine Analyzer:	Enabled
Input 2:	None
Device Delay:	0.000 s

• 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

Analog Input

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

DCX is not detected.

• 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

300 Ohm Low Gain Tube : Level and Gain

Waveform:	Sine
Generator Mode:	High Performance Sine Generator
Precision Tune:	Disabled
Generator Level:	1.800 Vrms
Frequency:	1.00000 kHz
Low-pass Filter:	Signal Path

RMS Level (4/6/2026 10:18:53.379 AM)

Ch1 1.977 Vrms
Ch2 1.976 Vrms

300 Ohm Low Gain Tube : DC Level

Waveform:	Sine
Generator Level:	0.000 Vrms
DC Offset:	0.000 V
Frequency:	1.00000 kHz
Delay Time:	100.0 ms
Acquisition Time:	333.0 ms

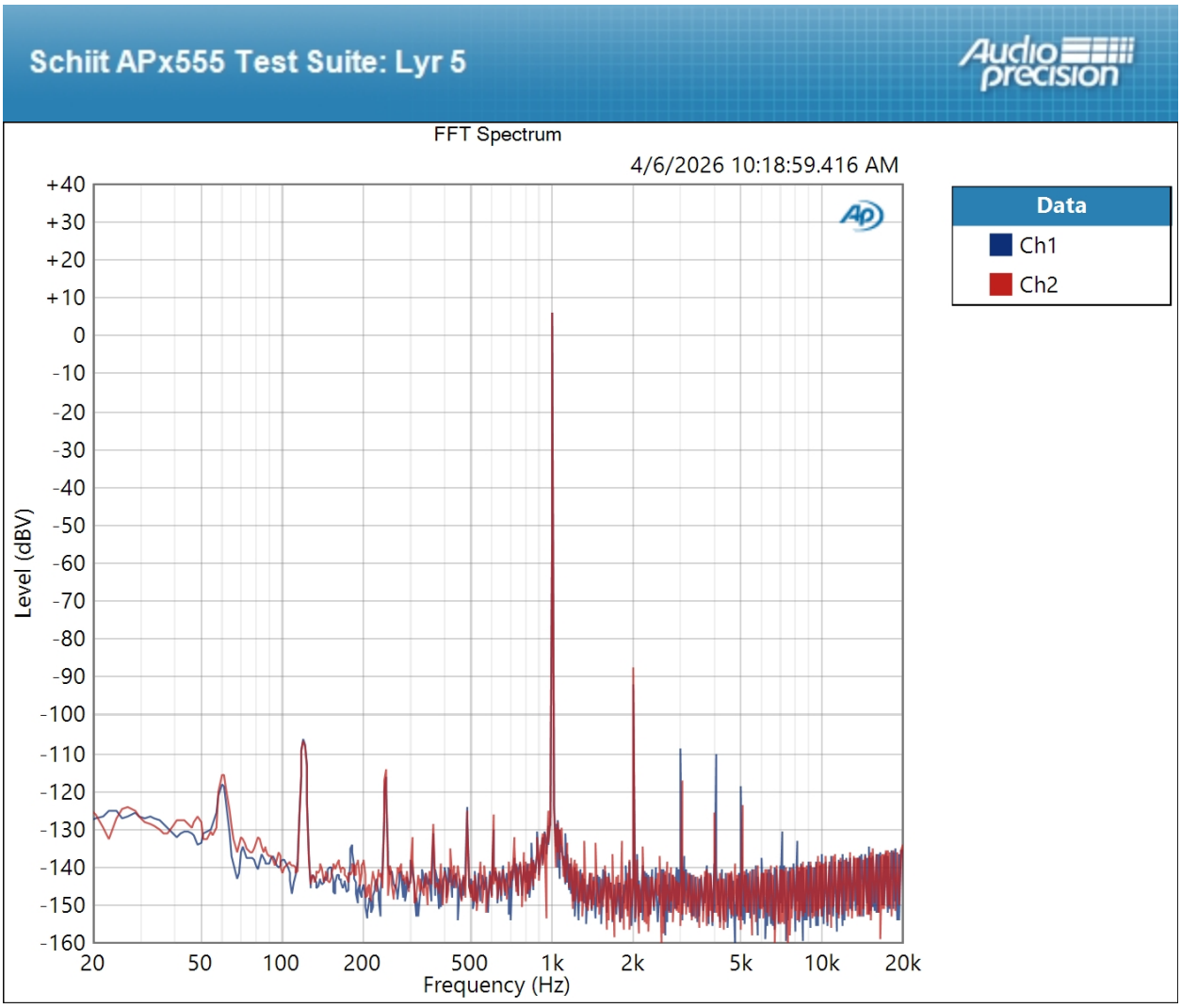
DC Level (4/6/2026 10:18:54.941 AM)

Ch1 15.49 uV
Ch2 -514.5 uV

300 Ohm Low Gain Tube : Signal Analyzer

Waveform:	Sine
Generator Mode:	High Performance Sine Generator
Precision Tune:	Disabled
Generator Level:	1.800 Vrms
Frequency:	1.00000 kHz
Secondary Source:	None
Measured 1	4/6/2026 10:18:59 AM
Acquisition Type:	Auto
Trigger:	Free Run
Delay Time:	250.0 ms
Input Bandwidth:	Use Signal Path
FFT Length:	32K
Averaging:	Power
Averages:	3
Window:	AP-Equiripple
Record Acquisition:	False
Recording Type:	Multiple Mono PCM (.wav)

FFT Spectrum (4/6/2026 10:18:59.416 AM)

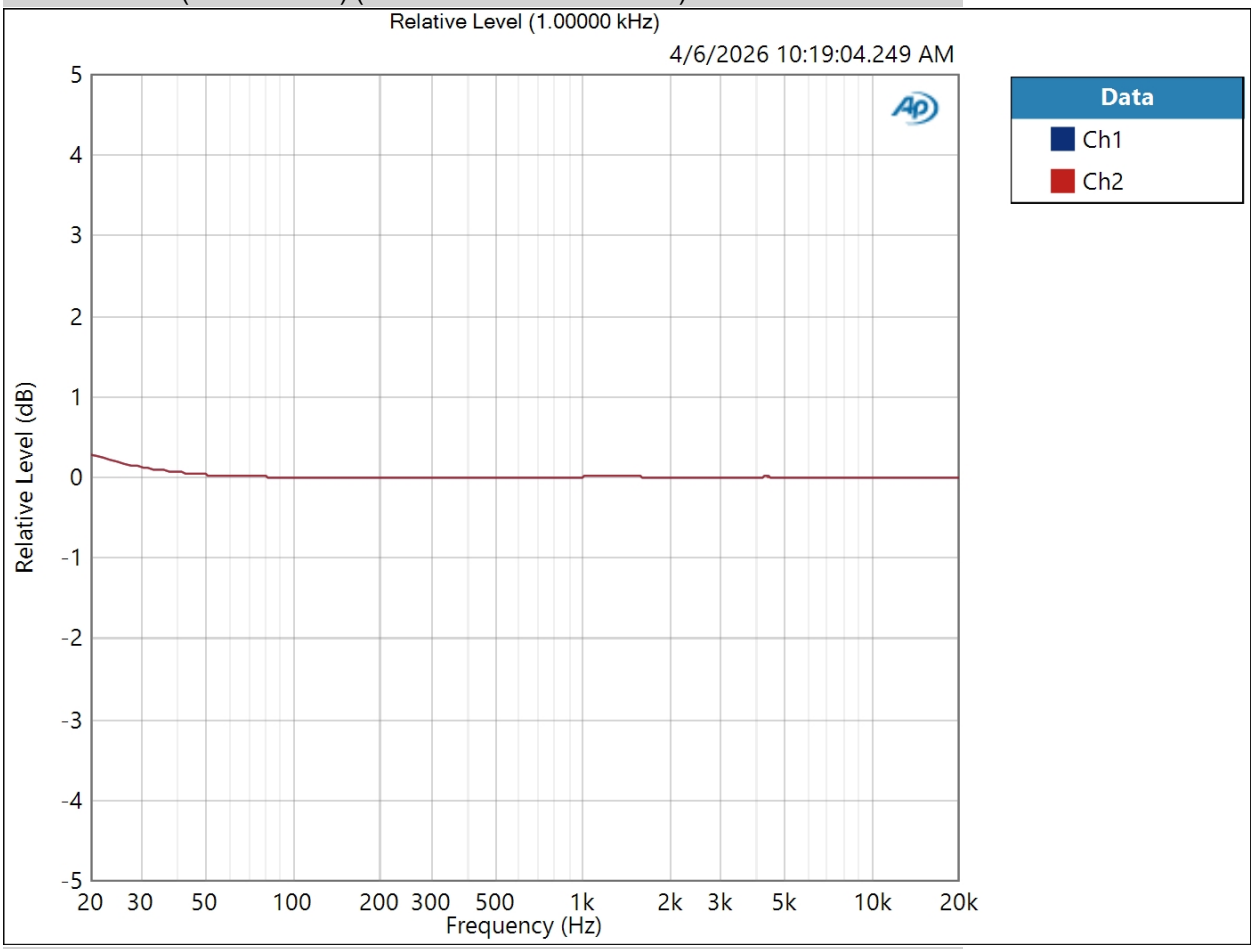


Result: PASSED

300 Ohm Low Gain Tube : Frequency Response

Start Frequency:	20.0000 Hz
Stop Frequency:	20.0000 kHz
Generator Level:	1.800 Vrms
DC Offset:	0.000 V
EQ:	None
Pre-Sweep:	100.0 ms
Sweep:	350.0 ms
Extend Acquisition By:	1.000 s
Secondary Source:	None
Measured 1	4/6/2026 10:19:04 AM

Relative Level (1.00000 kHz) (4/6/2026 10:19:04.249 AM)



Relative Level (1.00000 kHz) Parameters

Mode:	Normalized at Reference

Ref Frequency: 1.00000 kHz

Result: PASSED

Deviation (20.0000 Hz - 20.0000 kHz) (4/6/2026 10:19:04.249 AM)

Ch1 ±0.141 dB

Ch2 ±0.142 dB

Deviation (20.0000 Hz - 20.0000 kHz) Parameters

Min: 20.0000 Hz

Max: 20.0000 kHz

300 Ohm Low Gain Tube : Signal to Noise Ratio

Waveform:	Sine
Generator Mode:	High Performance Sine Generator
Precision Tune:	Disabled
Generator Level:	1.800 Vrms
Frequency:	1.00000 kHz
High-pass Filter:	Elliptic
High-pass Frequency:	20 Hz
Low-pass Filter:	Elliptic
Low-pass Frequency:	20 kHz
Weighting Filter:	A-wt.

Signal to Noise Ratio (4/6/2026 10:19:07.202 AM)

Ch1 114.828 dB

Ch2 114.690 dB

300 Ohm Low Gain Tube : THD+N

Waveform:	Sine
Generator Mode:	High Performance Sine Generator
Precision Tune:	Disabled
Generator Level:	1.800 Vrms
Frequency:	1.00000 kHz
High-pass Filter:	Elliptic
High-pass Frequency:	20 Hz
Low-pass Filter:	Elliptic
Low-pass Frequency:	20 kHz
Weighting Filter:	Signal Path
Notch Tuning Mode:	Measured Frequency

THD+N Ratio (4/6/2026 10:19:10.870 AM)

Ch1 0.001390 %

Ch2 0.002122 %

THD Ratio (4/6/2026 10:19:10.870 AM)

Ch1 0.001357 %

Ch2 0.002084 %

Noise Ratio (4/6/2026 10:19:10.870 AM)

Ch1 0.000381 %

Ch2 0.000388 %

Distortion Product Ratio (4/6/2026 10:19:10.870 AM)

Channel	F	H2	H3	H4	H5	H6	H7	H8	H9	H10
	1.000k	2.000k	3.000k	4.000k	5.000k	6.000k	7.000k	8.000k	9.000k	10.00k
Ch1	-0.00	-97.52	-114.46	-115.52	-124.41	-139.32	-134.13	-138.27	-139.23	-142.38
	1.000k	2.000k	3.000k	4.000k	5.000k	6.000k	7.000k	8.000k	9.000k	10.00k
Ch2	-0.00	-93.63	-122.23	-131.15	-129.02	-142.63	-138.72	-142.81	-142.72	-136.83

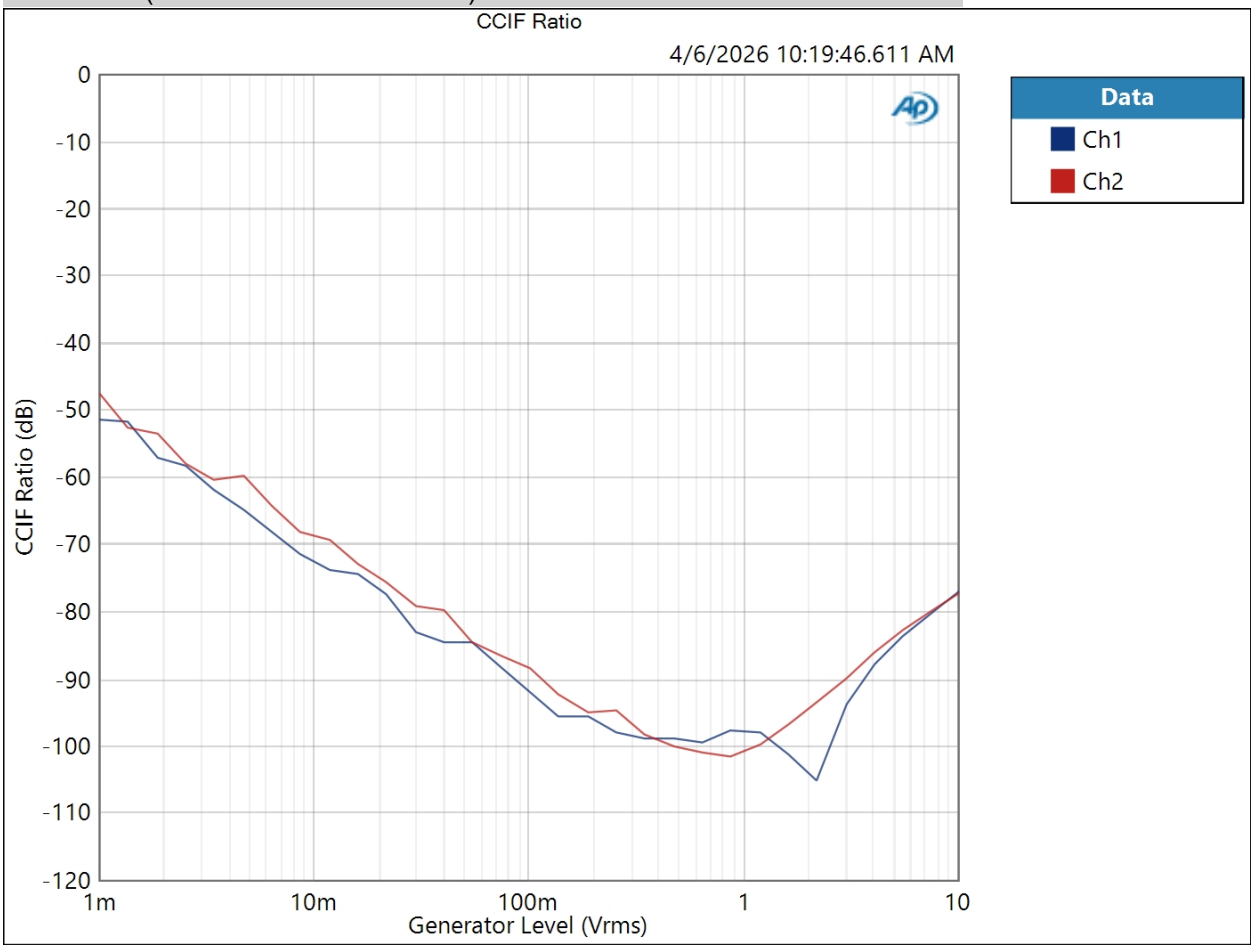
Distortion Product Ratio Parameters

Frequency Unit:	Hz
Ratio Unit:	dB
Channel:	Ch1

300 Ohm Low Gain Tube : IMD Level Sweep (CCIF)

IMD Type:	CCIF
Mean Frequency:	12.5000 kHz
Diff Frequency:	80.0000 Hz
IMD Split:	False
Start Level:	1.000 mVrms
Stop Level:	10.00 Vrms
Step Type:	Logarithmic
Number of Points:	31
Mode:	d2+d3
Measured 1	4/6/2026 10:19:46 AM

CCIF Ratio (4/6/2026 10:19:46.611 AM)

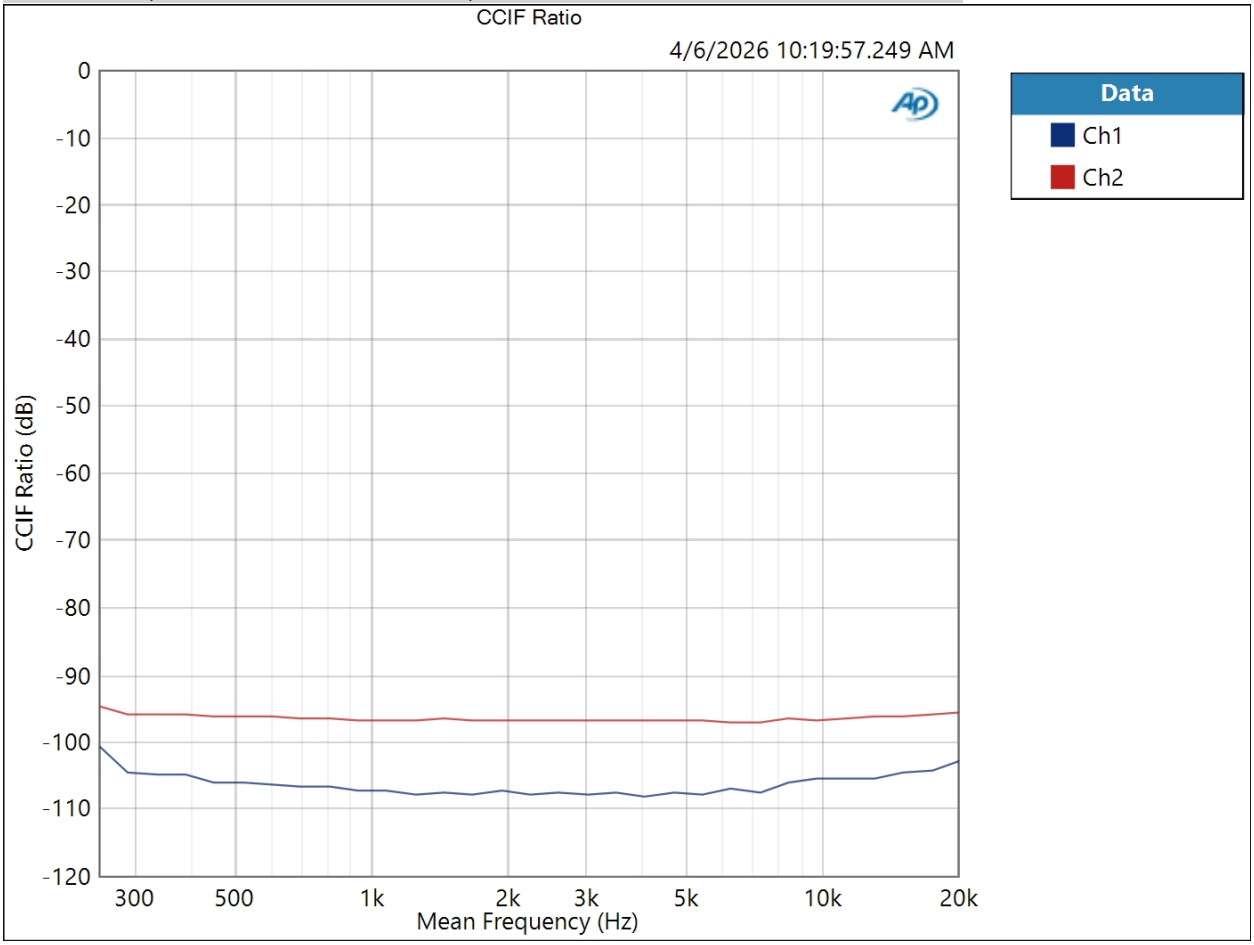


Result: PASSED

300 Ohm Low Gain Tube : IMD Frequency Sweep (CCIF)

Generator Level:	1.700 Vrms
DC Offset:	0.000 V
Sweep Frequency:	Mean Frequency
Diff Frequency:	80.0000 Hz
IMD Split:	False
Start Frequency:	20.0000 kHz
Stop Frequency:	250.000 Hz
Step Type:	Logarithmic
Number of Points:	31
Mode:	d2+d3
Measured 1	4/6/2026 10:19:57 AM

CCIF Ratio (4/6/2026 10:19:57.249 AM)

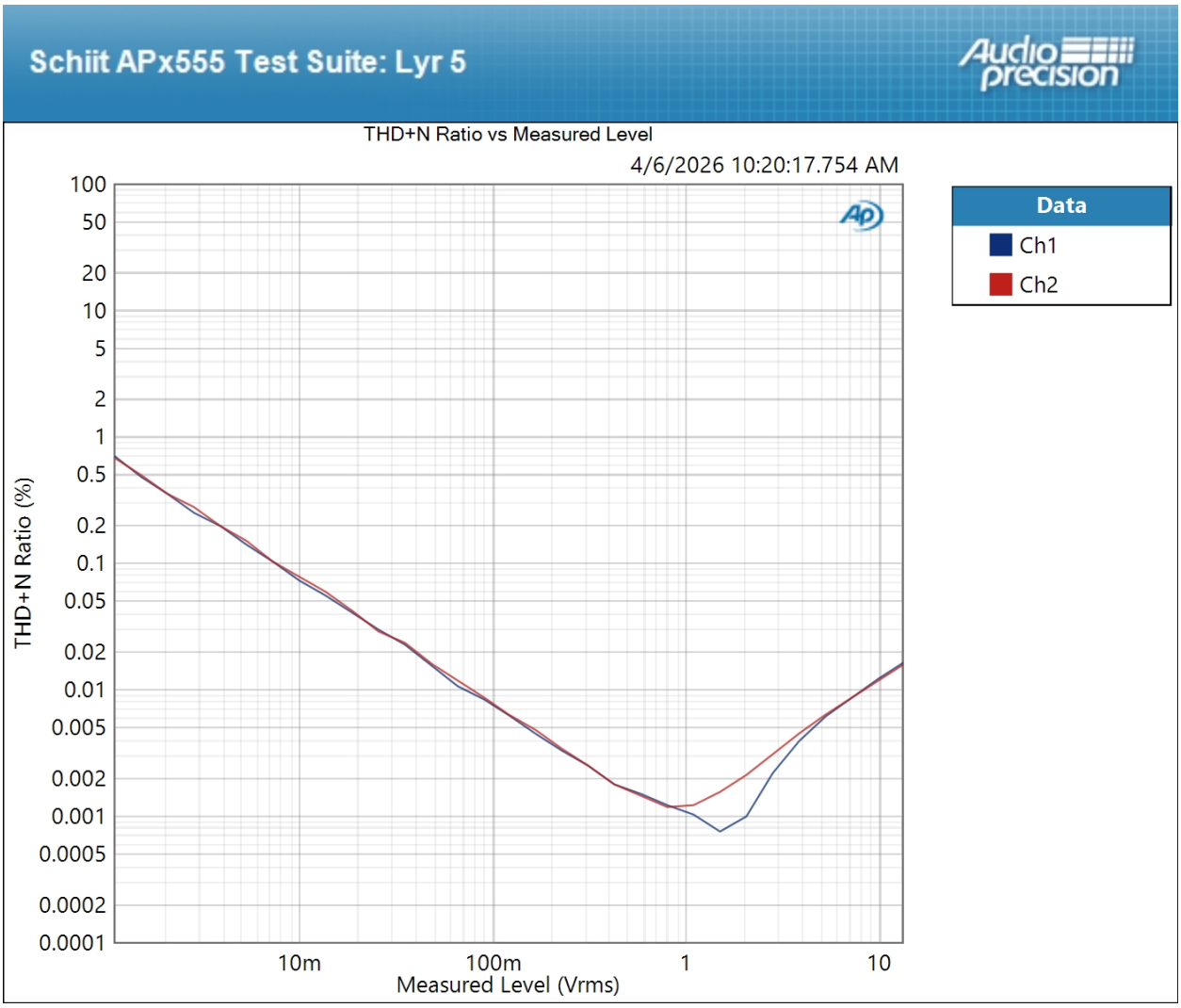


Result: PASSED

300 Ohm Low Gain Tube : Stepped Level Sweep

Waveform:	Sine
Generator Mode:	High Performance Sine Generator
Precision Tune:	Disabled
Frequency:	1.00000 kHz
Start Level:	1.000 mVrms
Stop Level:	12.00 Vrms
Step Type:	Logarithmic
Number of Points:	31
High-pass Filter:	Elliptic
High-pass Frequency:	20 Hz
Low-pass Filter:	Elliptic
Low-pass Frequency:	20 kHz
Weighting Filter:	Signal Path
Notch Tuning Mode:	Generator Frequency
Measured 1	4/6/2026 10:20:17 AM

THD+N Ratio vs Measured Level (4/6/2026 10:20:17.754 AM)



Result: PASSED

High Gain Tube : Signal Path Setup

Output Connector:	Analog Unbalanced
Channels:	2
Generator Mode:	High Performance Sine Generator
Precision Tune:	Disabled
Source Impedance:	20 ohm, 20 ohm
AG52 Generator Option:	Installed
Auto Range:	Enabled
Output EQ:	None
Input 1:	Analog Unbalanced
Input Bandwidth:	AC (<10 Hz) - 20 kHz (44.1 kHz SR)
Input EQ:	None
Channels:	2
Termination:	300 ohm
High Performance Sine Analyzer:	Enabled
Input 2:	None
Device Delay:	0.000 s

• 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

Analog Input

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

DCX is not detected.

• 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

High Gain Tube : Level and Gain

Waveform:	Sine
Generator Mode:	High Performance Sine Generator
Precision Tune:	Disabled
Generator Level:	280.0 mVrms
Frequency:	1.00000 kHz
Low-pass Filter:	Signal Path

RMS Level (4/6/2026 10:35:48.977 AM)

Ch1 1.946 Vrms
Ch2 1.954 Vrms

High Gain Tube : DC Level

Waveform:	Sine
Generator Level:	0.000 Vrms
DC Offset:	0.000 V
Frequency:	1.00000 kHz
Delay Time:	100.0 ms
Acquisition Time:	333.0 ms

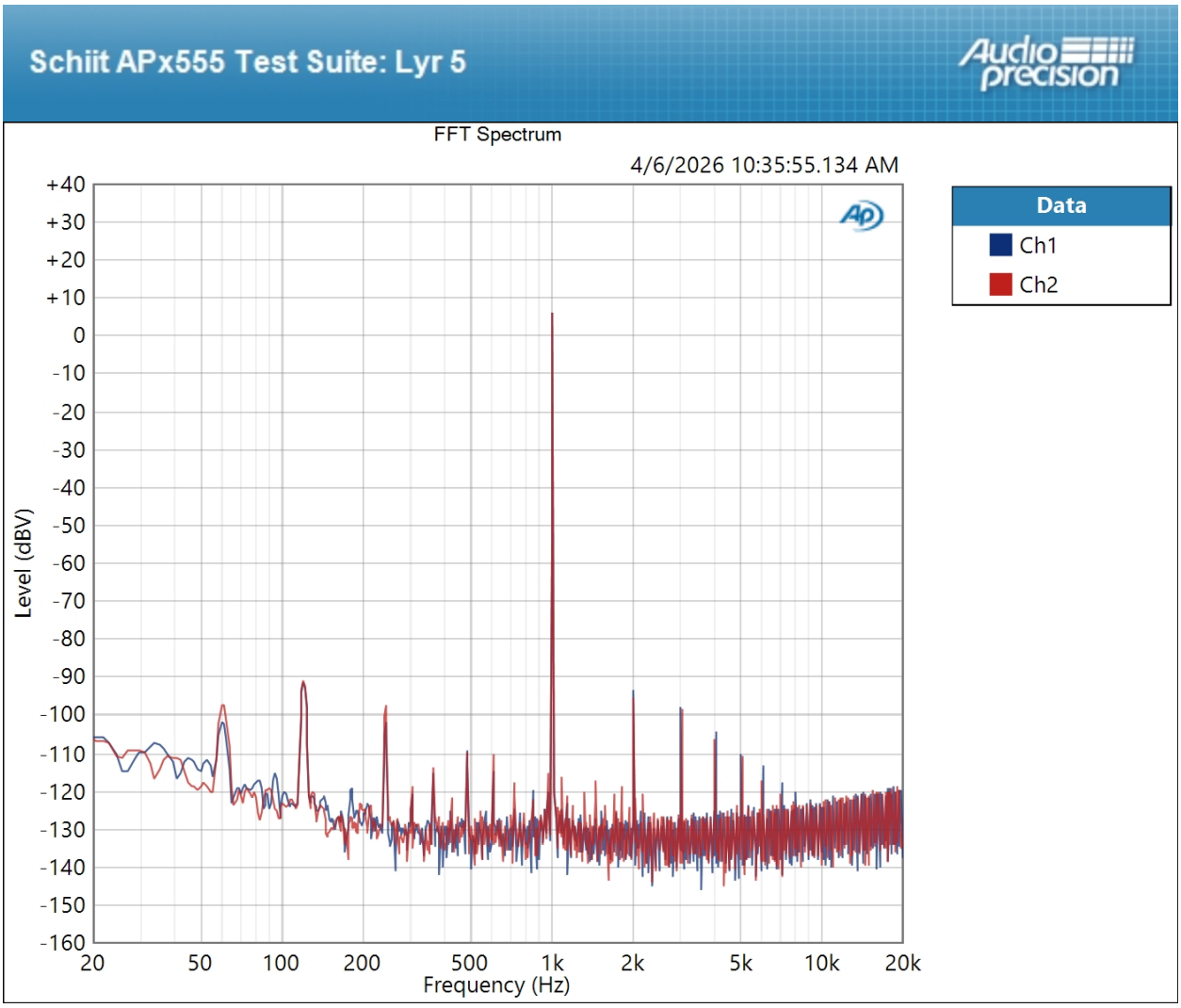
DC Level (4/6/2026 10:35:50.565 AM)

Ch1 277.2 uV
Ch2 -572.3 uV

High Gain Tube : Signal Analyzer

Waveform:	Sine
Generator Mode:	High Performance Sine Generator
Precision Tune:	Disabled
Generator Level:	280.0 mVrms
Frequency:	1.00000 kHz
Secondary Source:	None
Measured 1	4/6/2026 10:35:55 AM
Acquisition Type:	Auto
Trigger:	Free Run
Delay Time:	250.0 ms
Input Bandwidth:	Use Signal Path
FFT Length:	32K
Averaging:	Power
Averages:	3
Window:	AP-Equiripple
Record Acquisition:	False
Recording Type:	Multiple Mono PCM (.wav)

FFT Spectrum (4/6/2026 10:35:55.134 AM)

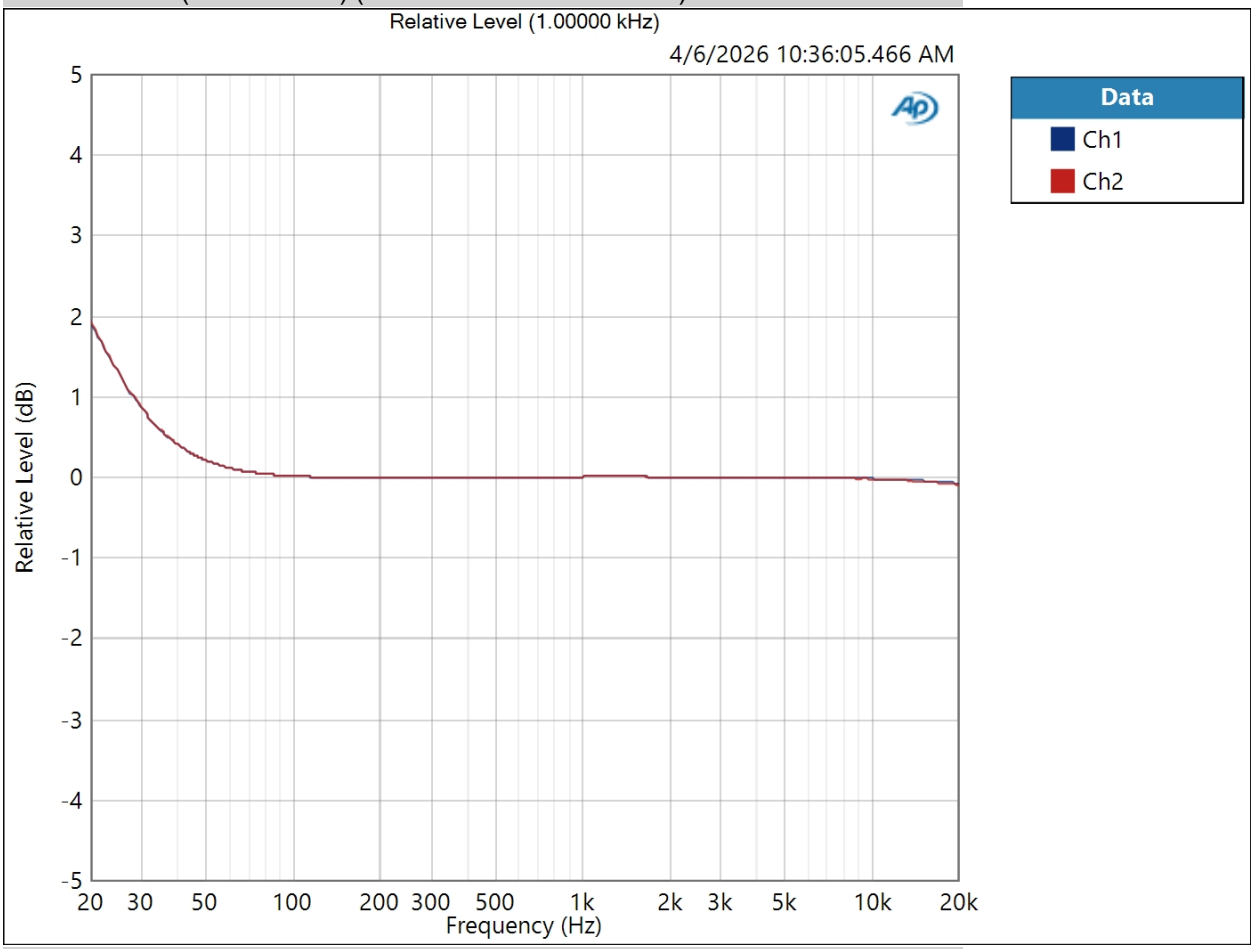


Result: PASSED

High Gain Tube : Frequency Response

Start Frequency:	20.0000 Hz
Stop Frequency:	20.0000 kHz
Generator Level:	280.0 mVrms
DC Offset:	0.000 V
EQ:	None
Pre-Sweep:	1.000 s
Sweep:	3.000 s
Extend Acquisition By:	100.0 ms
Secondary Source:	None
Measured 1	4/6/2026 10:36:05 AM

Relative Level (1.00000 kHz) (4/6/2026 10:36:05.466 AM)



Relative Level (1.00000 kHz) Parameters

Mode:	Normalized at Reference

Ref Frequency: 1.00000 kHz

Result: PASSED

Deviation (20.0000 Hz - 20.0000 kHz) (4/6/2026 10:36:05.466 AM)

Ch1 ±0.991 dB

Ch2 ±1.010 dB

Deviation (20.0000 Hz - 20.0000 kHz) Parameters

Min: 20.0000 Hz

Max: 20.0000 kHz

High Gain Tube : Signal to Noise Ratio

Waveform:	Sine
Generator Mode:	High Performance Sine Generator
Precision Tune:	Disabled
Generator Level:	280.0 mVrms
Frequency:	1.00000 kHz
High-pass Filter:	Elliptic
High-pass Frequency:	20 Hz
Low-pass Filter:	Elliptic
Low-pass Frequency:	20 kHz
Weighting Filter:	A-wt.

Signal to Noise Ratio (4/6/2026 10:36:08.478 AM)

Ch1 98.974 dB

Ch2 98.631 dB

High Gain Tube : THD+N

Waveform:	Sine
Generator Mode:	High Performance Sine Generator
Precision Tune:	Disabled
Generator Level:	340.0 mVrms
Frequency:	1.00000 kHz
High-pass Filter:	Elliptic
High-pass Frequency:	20 Hz
Low-pass Filter:	Elliptic
Low-pass Frequency:	20 kHz
Weighting Filter:	Signal Path
Notch Tuning Mode:	Measured Frequency

THD+N Ratio (4/6/2026 10:36:12.240 AM)

Ch1 0.002376 %

Ch2 0.002417 %

THD Ratio (4/6/2026 10:36:12.240 AM)

Ch1 0.001461 %

Ch2 0.001315 %

Noise Ratio (4/6/2026 10:36:12.240 AM)

Ch1 0.001879 %

Ch2 0.002013 %

Distortion Product Ratio (4/6/2026 10:36:12.240 AM)

Channel	F	H2	H3	H4	H5	H6	H7	H8	H9	H10
	1.000k	2.000k	3.000k	4.000k	5.000k	6.000k	7.000k	8.000k	9.000k	10.00k
Ch1	-0.00	-98.27	-103.45	-109.81	-115.95	-119.46	-124.44	-125.69	-128.74	-131.00
	1.000k	2.000k	3.000k	4.000k	5.000k	6.000k	7.000k	8.000k	9.000k	10.00k
Ch2	-0.00	-99.66	-103.29	-111.63	-115.06	-119.28	-121.91	-125.93	-126.59	-132.46

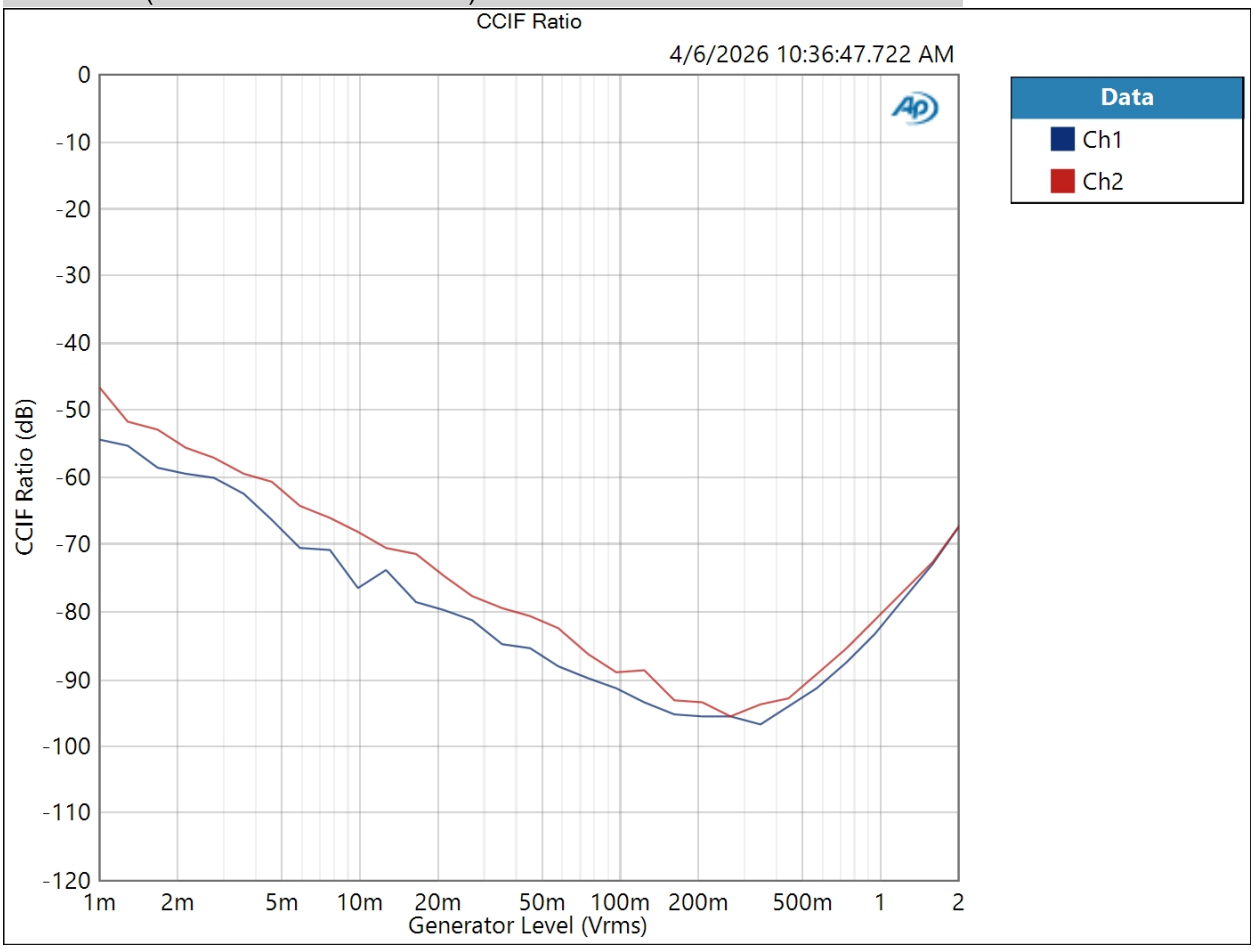
Distortion Product Ratio Parameters

Frequency Unit:	Hz
Ratio Unit:	dB
Channel:	Ch1

High Gain Tube : IMD Level Sweep (CCIF)

IMD Type:	CCIF
Mean Frequency:	12.5000 kHz
Diff Frequency:	80.0000 Hz
IMD Split:	False
Start Level:	1.000 mVrms
Stop Level:	2.000 Vrms
Step Type:	Logarithmic
Number of Points:	31
Mode:	d2+d3
Measured 1	4/6/2026 10:36:47 AM

CCIF Ratio (4/6/2026 10:36:47.722 AM)

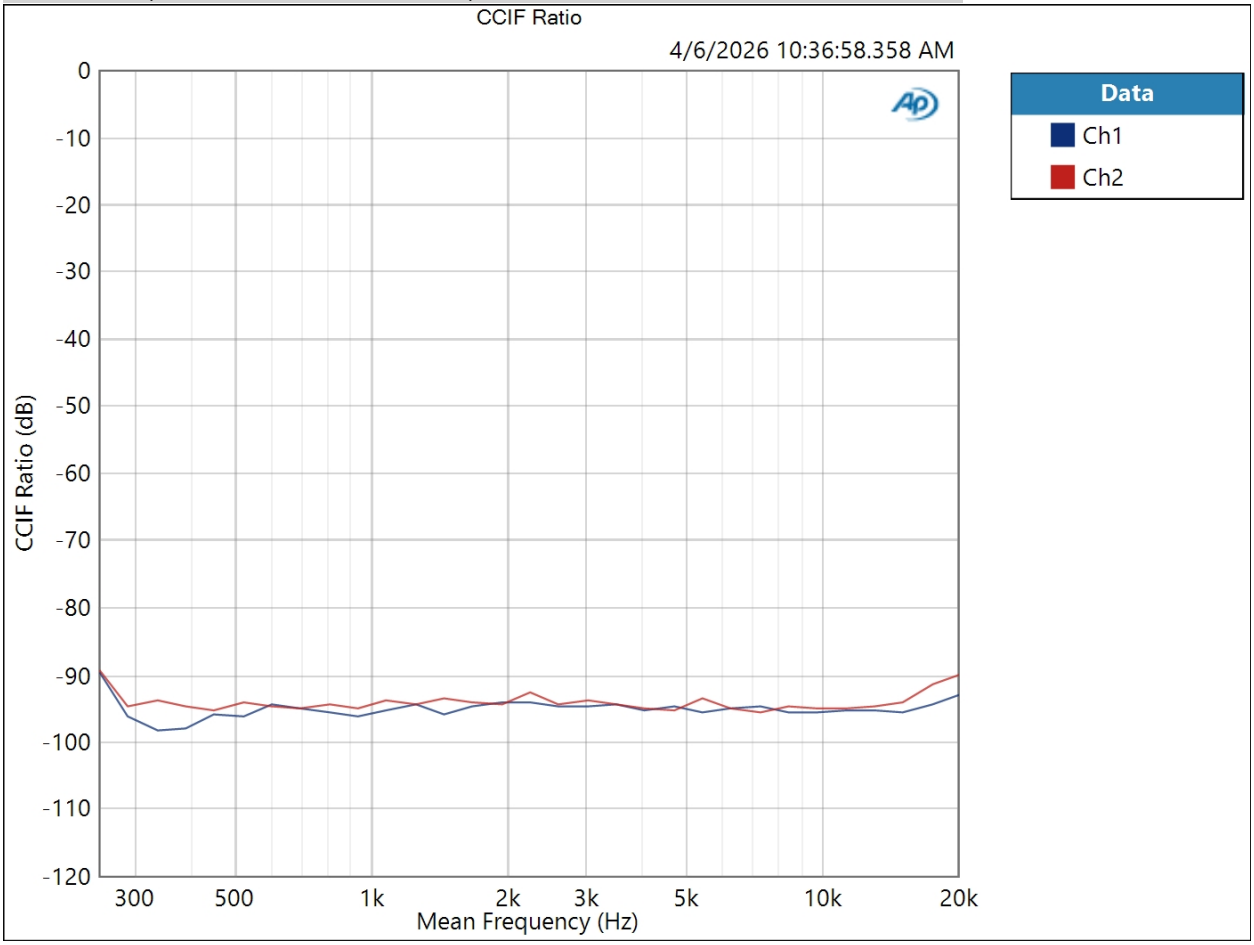


Result: PASSED

High Gain Tube : IMD Frequency Sweep (CCIF)

Generator Level:	280.0 mVrms
DC Offset:	0.000 V
Sweep Frequency:	Mean Frequency
Diff Frequency:	80.0000 Hz
IMD Split:	False
Start Frequency:	20.0000 kHz
Stop Frequency:	250.000 Hz
Step Type:	Logarithmic
Number of Points:	31
Mode:	d2+d3
Measured 1	4/6/2026 10:36:58 AM

CCIF Ratio (4/6/2026 10:36:58.358 AM)



Result: PASSED

High Gain Tube : Crosstalk, One Channel Undriven

Waveform:	Sine
Generator Mode:	High Performance Sine Generator
Precision Tune:	Disabled
Generator Level:	280.0 mVrms
Frequency:	10.0000 kHz

Crosstalk (4/6/2026 10:37:00.765 AM)

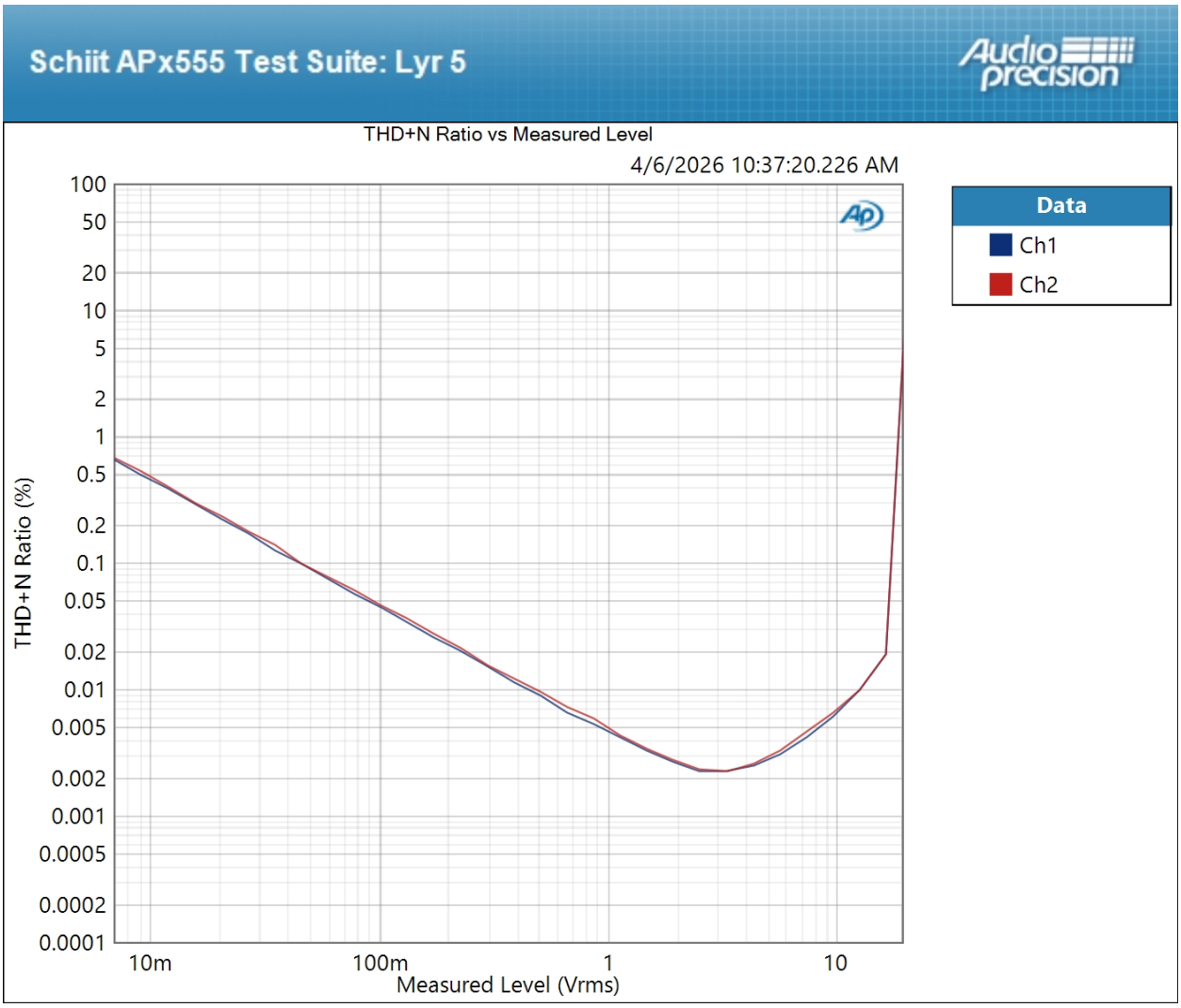
Ch1 -71.520 dB

Ch2 -82.034 dB

High Gain Tube : Stepped Level Sweep

Waveform:	Sine
Generator Mode:	High Performance Sine Generator
Precision Tune:	Disabled
Frequency:	1.00000 kHz
Start Level:	1.000 mVrms
Stop Level:	3.000 Vrms
Step Type:	Logarithmic
Number of Points:	31
High-pass Filter:	Elliptic
High-pass Frequency:	20 Hz
Low-pass Filter:	Elliptic
Low-pass Frequency:	20 kHz
Weighting Filter:	Signal Path
Notch Tuning Mode:	Generator Frequency
Measured 1	4/6/2026 10:37:20 AM

THD+N Ratio vs Measured Level (4/6/2026 10:37:20.226 AM)



Result: PASSED

Preamp SS : Signal Path Setup

Output Connector:	Analog Unbalanced
Channels:	2
Generator Mode:	High Performance Sine Generator
Precision Tune:	Disabled
Source Impedance:	20 ohm, 20 ohm
AG52 Generator Option:	Installed
Auto Range:	Enabled
Output EQ:	None
Input 1:	Analog Unbalanced
Input Bandwidth:	AC (<10 Hz) - 20 kHz (44.1 kHz SR)
Input EQ:	None
Channels:	2
Termination:	100 kohm
High Performance Sine Analyzer:	Enabled
Input 2:	None
Device Delay:	0.000 s

• 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

Analog Input

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

DCX is not detected.

• 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

Preamp SS : Level and Gain

Waveform:	Sine
Generator Mode:	High Performance Sine Generator
Precision Tune:	Disabled
Generator Level:	1.750 Vrms
Frequency:	1.00000 kHz
Low-pass Filter:	Signal Path

RMS Level (4/6/2026 10:11:36.136 AM)

Ch1 2.019 Vrms
Ch2 2.018 Vrms

Preamp SS : DC Level

Waveform:	Sine
Generator Level:	0.000 Vrms
DC Offset:	0.000 V
Frequency:	1.00000 kHz
Delay Time:	100.0 ms
Acquisition Time:	333.0 ms

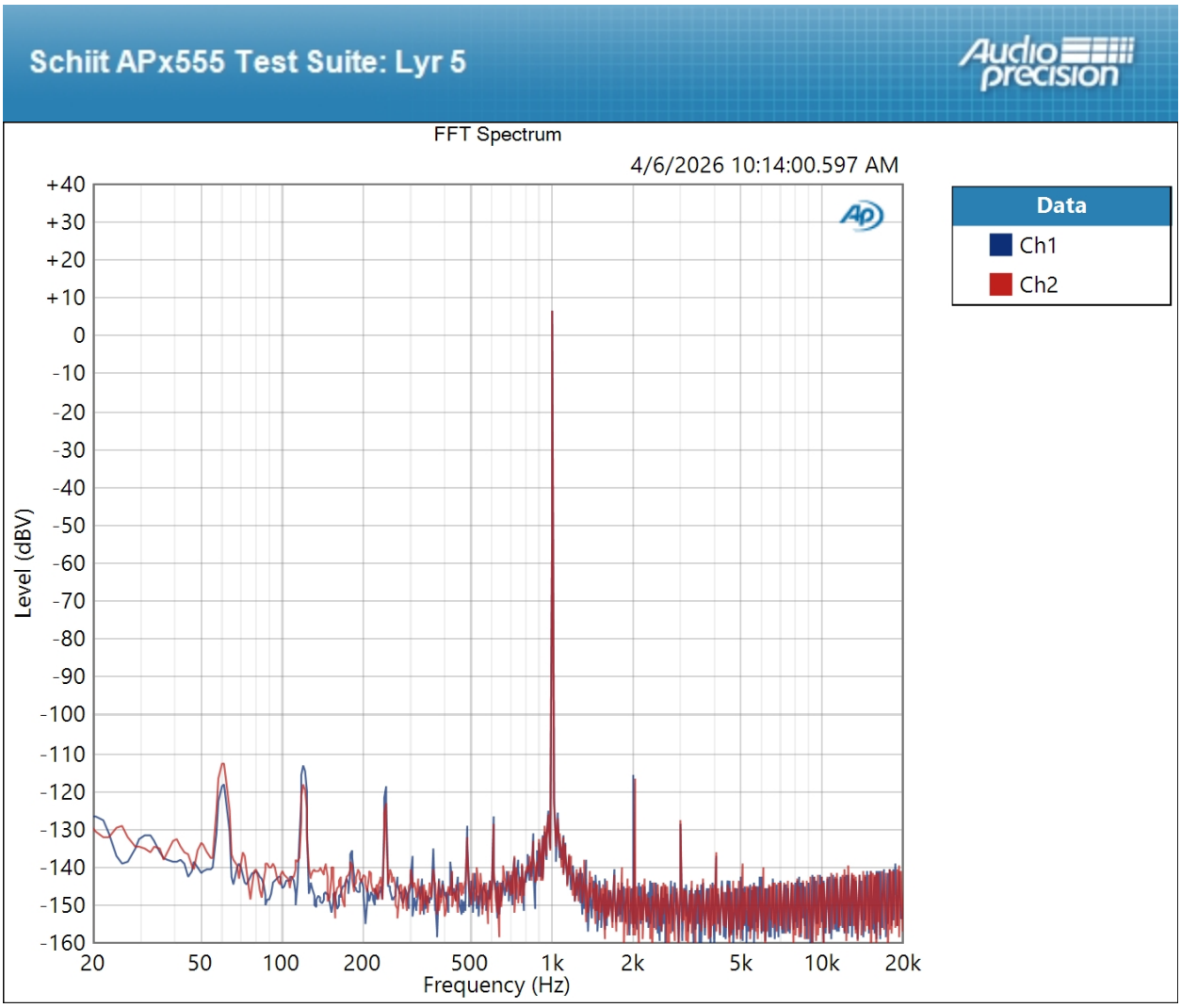
DC Level (4/6/2026 10:11:37.798 AM)

Ch1 9.025 uV
Ch2 -564.9 uV

Preamp SS : Signal Analyzer

Waveform:	Sine
Generator Mode:	High Performance Sine Generator
Precision Tune:	Disabled
Generator Level:	1.750 Vrms
Frequency:	1.00000 kHz
Secondary Source:	None
Measured 1	4/6/2026 10:14:00 AM
Acquisition Type:	Auto
Trigger:	Free Run
Delay Time:	250.0 ms
Input Bandwidth:	Use Signal Path
FFT Length:	32K
Averaging:	Power
Averages:	3
Window:	AP-Equiripple
Record Acquisition:	False
Recording Type:	Multiple Mono PCM (.wav)

FFT Spectrum (4/6/2026 10:14:00.597 AM)

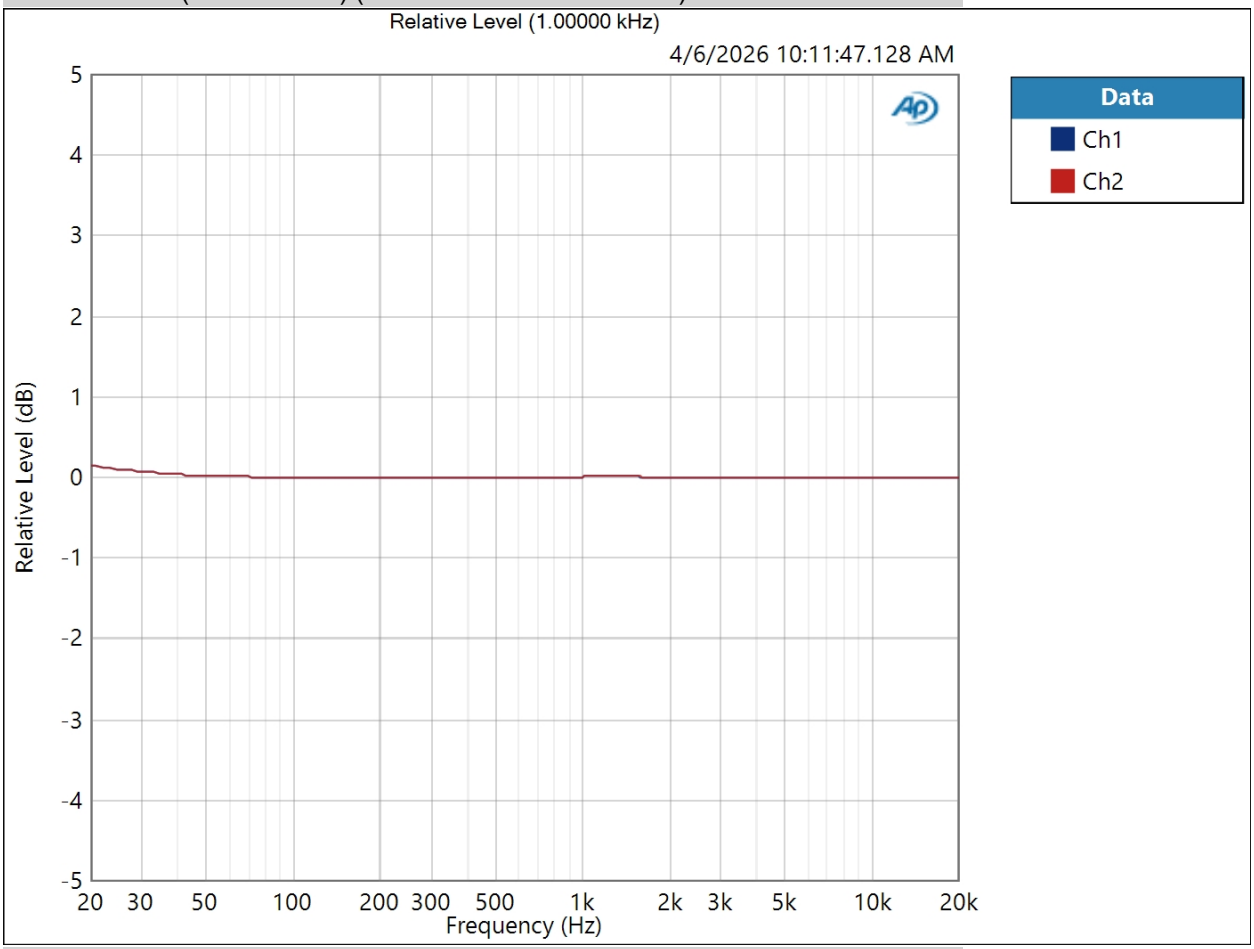


Result: PASSED

Preamp SS : Frequency Response

Start Frequency:	20.0000 Hz
Stop Frequency:	20.0000 kHz
Generator Level:	1.750 Vrms
DC Offset:	0.000 V
EQ:	None
Pre-Sweep:	100.0 ms
Sweep:	350.0 ms
Extend Acquisition By:	1.000 s
Secondary Source:	None
Measured 1	4/6/2026 10:11:47 AM

Relative Level (1.00000 kHz) (4/6/2026 10:11:47.128 AM)



Relative Level (1.00000 kHz) Parameters

Mode: Normalized at Reference

Ref Frequency: 1.00000 kHz

Result: PASSED

Deviation (20.0000 Hz - 20.0000 kHz) (4/6/2026 10:11:47.128 AM)

Ch1 ±0.077 dB

Ch2 ±0.078 dB

Deviation (20.0000 Hz - 20.0000 kHz) Parameters

Min: 20.0000 Hz

Max: 20.0000 kHz

Preamp SS : Signal to Noise Ratio

Waveform:	Sine
Generator Mode:	High Performance Sine Generator
Precision Tune:	Disabled
Generator Level:	1.750 Vrms
Frequency:	1.00000 kHz
High-pass Filter:	Elliptic
High-pass Frequency:	20 Hz
Low-pass Filter:	Elliptic
Low-pass Frequency:	20 kHz
Weighting Filter:	Signal Path

Signal to Noise Ratio (4/6/2026 10:11:50.066 AM)

Ch1 113.804 dB

Ch2 114.172 dB

Preamp SS : THD+N

Waveform:	Sine
Generator Mode:	High Performance Sine Generator
Precision Tune:	Disabled
Generator Level:	1.750 Vrms
Frequency:	1.00000 kHz
High-pass Filter:	Elliptic
High-pass Frequency:	20 Hz
Low-pass Filter:	Elliptic
Low-pass Frequency:	20 kHz
Weighting Filter:	Signal Path
Notch Tuning Mode:	Measured Frequency

THD+N Ratio (4/6/2026 10:11:53.175 AM)

Ch1 0.000228 %

Ch2 0.000227 %

THD Ratio (4/6/2026 10:11:53.175 AM)

Ch1 0.000087 %

Ch2 0.000080 %

Noise Ratio (4/6/2026 10:11:53.175 AM)

Ch1 0.000213 %

Ch2 0.000213 %

Distortion Product Ratio (4/6/2026 10:11:53.175 AM)

Channel	F	H2	H3	H4	H5	H6	H7	H8	H9	H10
	1.000k	2.000k	3.000k	4.000k	5.000k	6.000k	7.000k	8.000k	9.000k	10.00k
Ch1	-0.00	-121.72	-135.27	-139.42	-145.90	-149.92	-145.26	-142.83	-145.78	-147.14
	1.000k	2.000k	3.000k	4.000k	5.000k	6.000k	7.000k	8.000k	9.000k	10.00k
Ch2	-0.00	-122.69	-134.51	-145.44	-152.18	-140.66	-146.07	-145.60	-148.99	-146.57

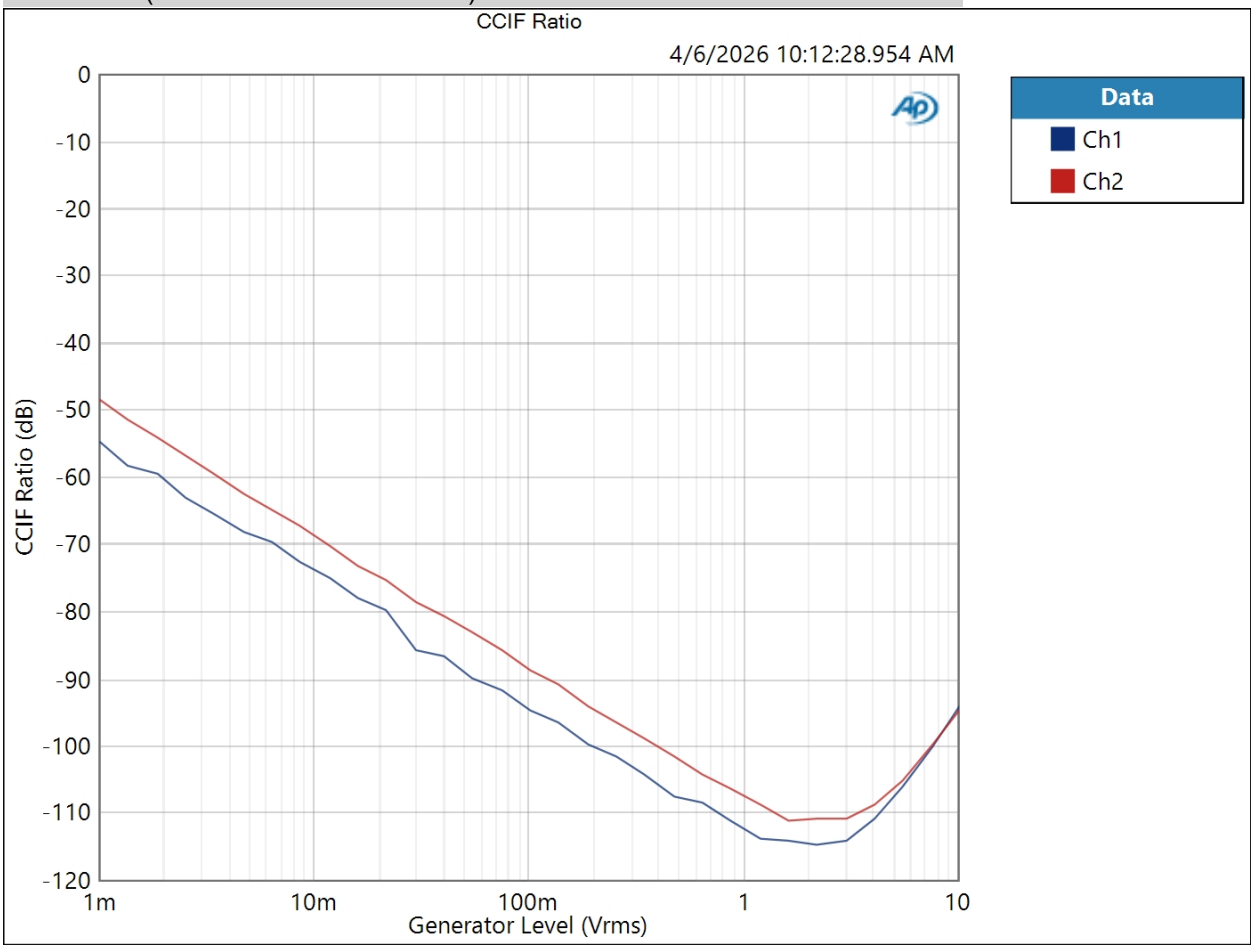
Distortion Product Ratio Parameters

Frequency Unit:	Hz
Ratio Unit:	dB
Channel:	Ch1

Preamp SS : IMD Level Sweep (CCIF)

IMD Type:	CCIF
Mean Frequency:	12.5000 kHz
Diff Frequency:	80.0000 Hz
IMD Split:	False
Start Level:	1.000 mVrms
Stop Level:	10.00 Vrms
Step Type:	Logarithmic
Number of Points:	31
Mode:	d2+d3
Measured 1	4/6/2026 10:12:28 AM

CCIF Ratio (4/6/2026 10:12:28.954 AM)

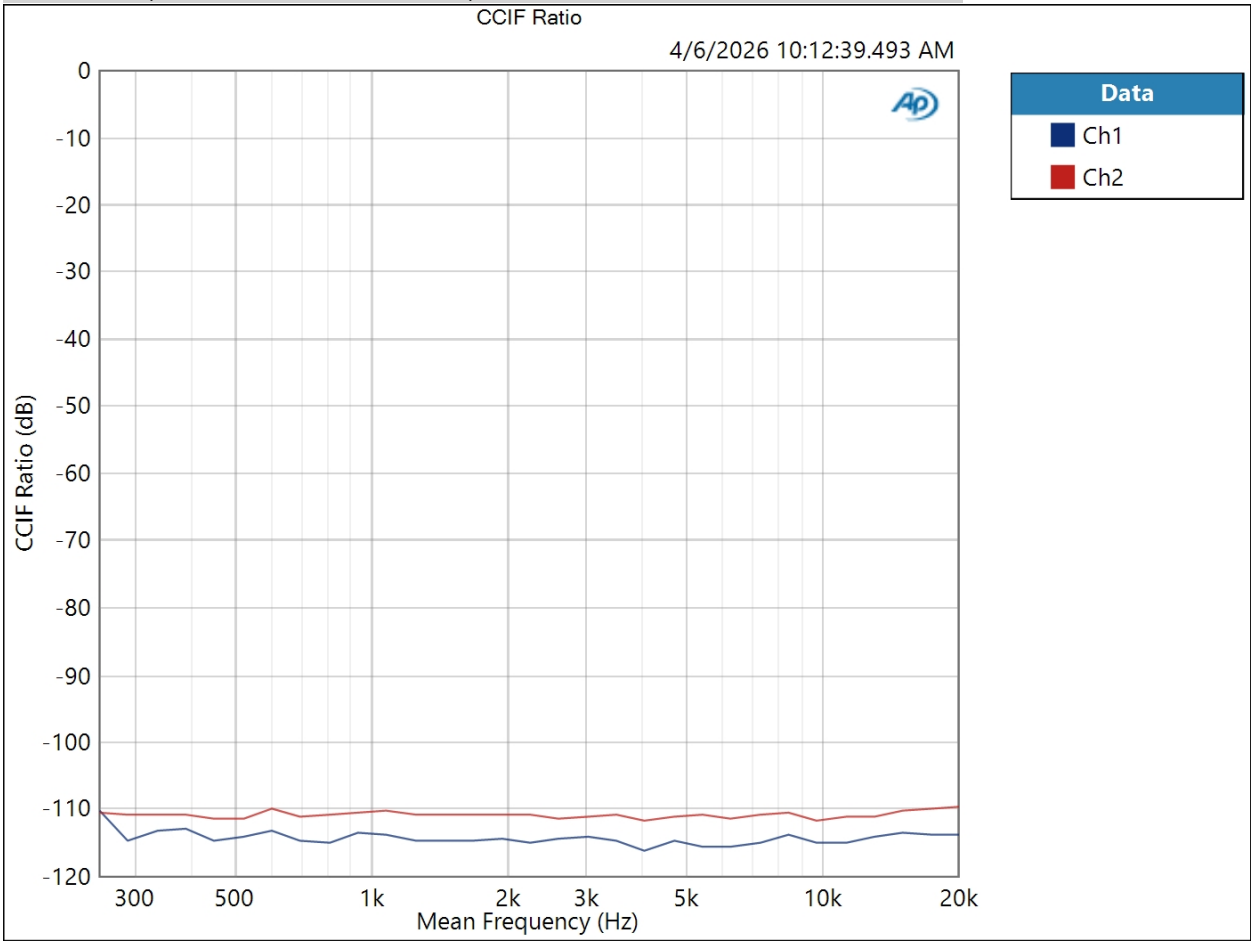


Result: PASSED

Preamp SS : IMD Frequency Sweep (CCIF)

Generator Level:	1.750 Vrms
DC Offset:	0.000 V
Sweep Frequency:	Mean Frequency
Diff Frequency:	80.0000 Hz
IMD Split:	False
Start Frequency:	20.0000 kHz
Stop Frequency:	250.000 Hz
Step Type:	Logarithmic
Number of Points:	31
Mode:	d2+d3
Measured 1	4/6/2026 10:12:39 AM

CCIF Ratio (4/6/2026 10:12:39.493 AM)



Result: PASSED

Preamp SS : Crosstalk, One Channel Undriven

Waveform:	Sine
Generator Mode:	High Performance Sine Generator
Precision Tune:	Disabled
Generator Level:	1.750 Vrms
Frequency:	10.0000 kHz

Crosstalk (4/6/2026 10:12:41.819 AM)

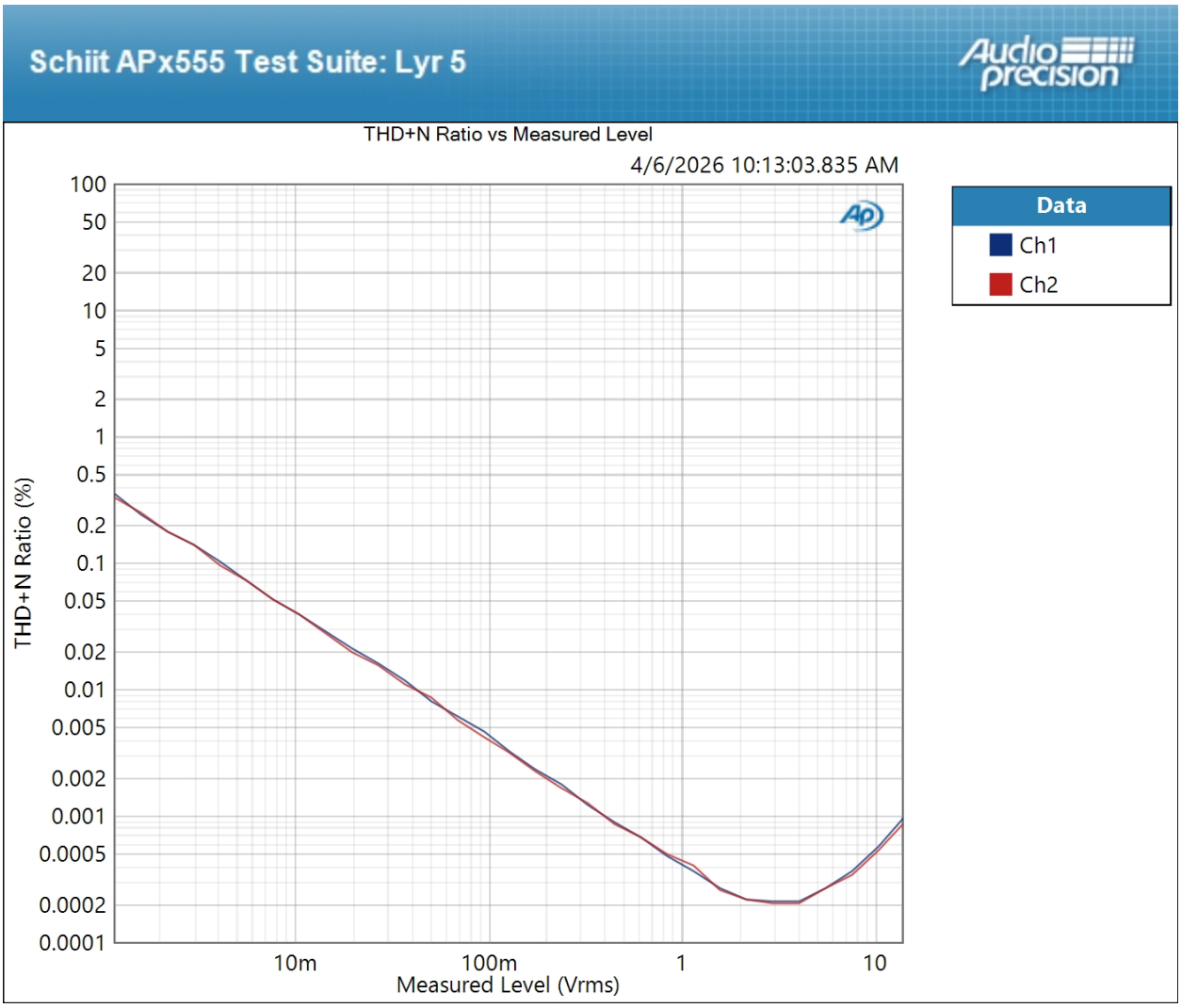
Ch1 -89.071 dB

Ch2 -90.850 dB

Preamp SS : Stepped Level Sweep

Waveform:	Sine
Generator Mode:	High Performance Sine Generator
Precision Tune:	Disabled
Frequency:	1.00000 kHz
Start Level:	1.000 mVrms
Stop Level:	12.00 Vrms
Step Type:	Logarithmic
Number of Points:	31
High-pass Filter:	Elliptic
High-pass Frequency:	20 Hz
Low-pass Filter:	Elliptic
Low-pass Frequency:	20 kHz
Weighting Filter:	Signal Path
Notch Tuning Mode:	Generator Frequency
Measured 1	4/6/2026 10:13:03 AM

THD+N Ratio vs Measured Level (4/6/2026 10:13:03.835 AM)



Result: PASSED

Preamp Tube : Signal Path Setup

Output Connector:	Analog Unbalanced
Channels:	2
Generator Mode:	High Performance Sine Generator
Precision Tune:	Disabled
Source Impedance:	20 ohm, 20 ohm
AG52 Generator Option:	Installed
Auto Range:	Enabled
Output EQ:	None
Input 1:	Analog Unbalanced
Input Bandwidth:	AC (<10 Hz) - 20 kHz (44.1 kHz SR)
Input EQ:	None
Channels:	2
Termination:	100 kohm
High Performance Sine Analyzer:	Enabled
Input 2:	None
Device Delay:	0.000 s

• 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

Analog Input

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

DCX is not detected.

• 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

Preamp Tube : Level and Gain

Waveform:	Sine
Generator Mode:	High Performance Sine Generator
Precision Tune:	Disabled
Generator Level:	1.800 Vrms
Frequency:	1.00000 kHz
Low-pass Filter:	Signal Path

RMS Level (4/6/2026 10:16:18.732 AM)

Ch1 1.982 Vrms
Ch2 1.980 Vrms

Preamp Tube : DC Level

Waveform:	Sine
Generator Level:	0.000 Vrms
DC Offset:	0.000 V
Frequency:	1.00000 kHz
Delay Time:	100.0 ms
Acquisition Time:	333.0 ms

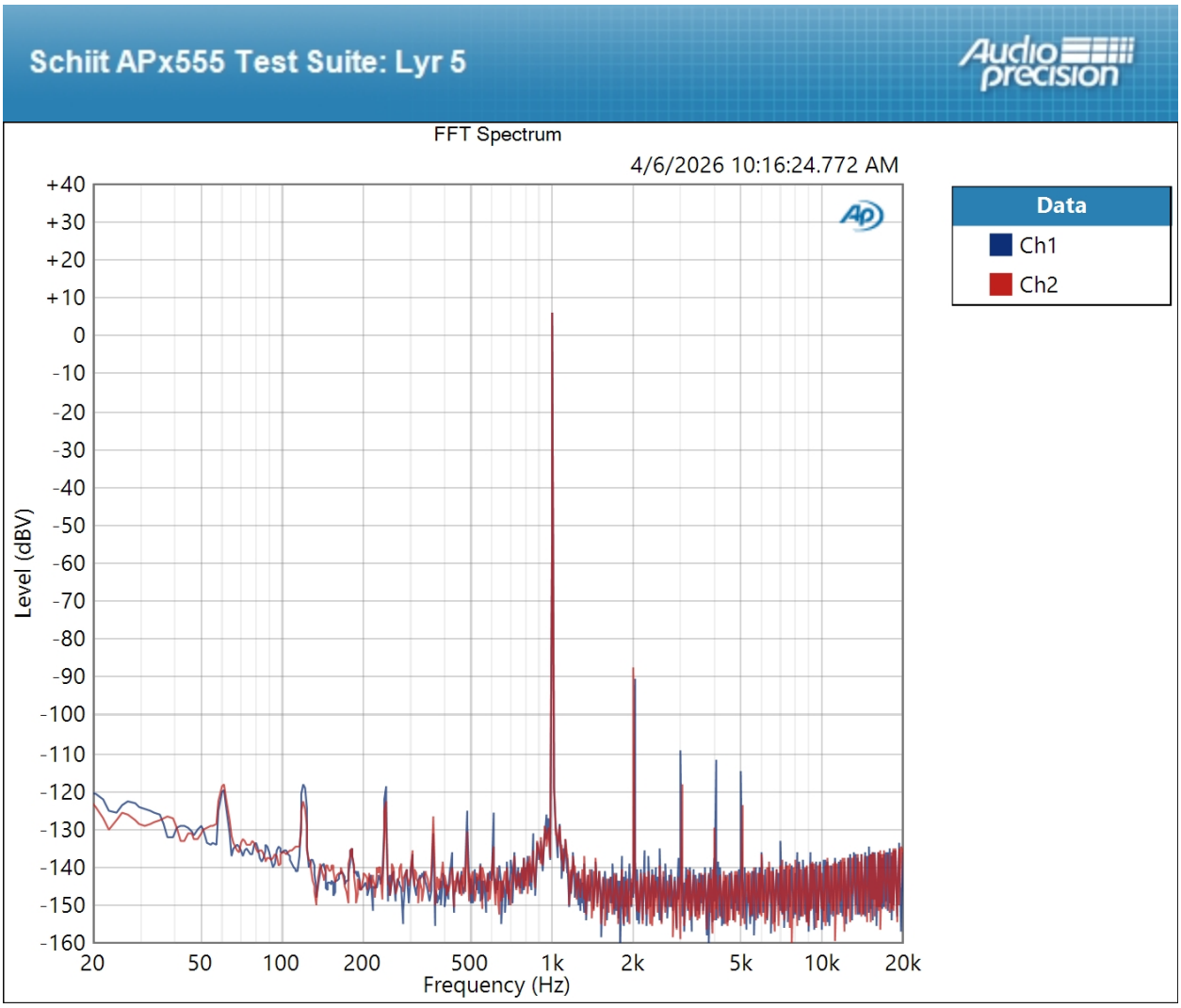
DC Level (4/6/2026 10:16:20.304 AM)

Ch1 -210.2 uV
Ch2 -758.6 uV

Preamp Tube : Signal Analyzer

Waveform:	Sine
Generator Mode:	High Performance Sine Generator
Precision Tune:	Disabled
Generator Level:	1.800 Vrms
Frequency:	1.00000 kHz
Secondary Source:	None
Measured 1	4/6/2026 10:16:24 AM
Acquisition Type:	Auto
Trigger:	Free Run
Delay Time:	250.0 ms
Input Bandwidth:	Use Signal Path
FFT Length:	32K
Averaging:	Power
Averages:	3
Window:	AP-Equiripple
Record Acquisition:	False
Recording Type:	Multiple Mono PCM (.wav)

FFT Spectrum (4/6/2026 10:16:24.772 AM)

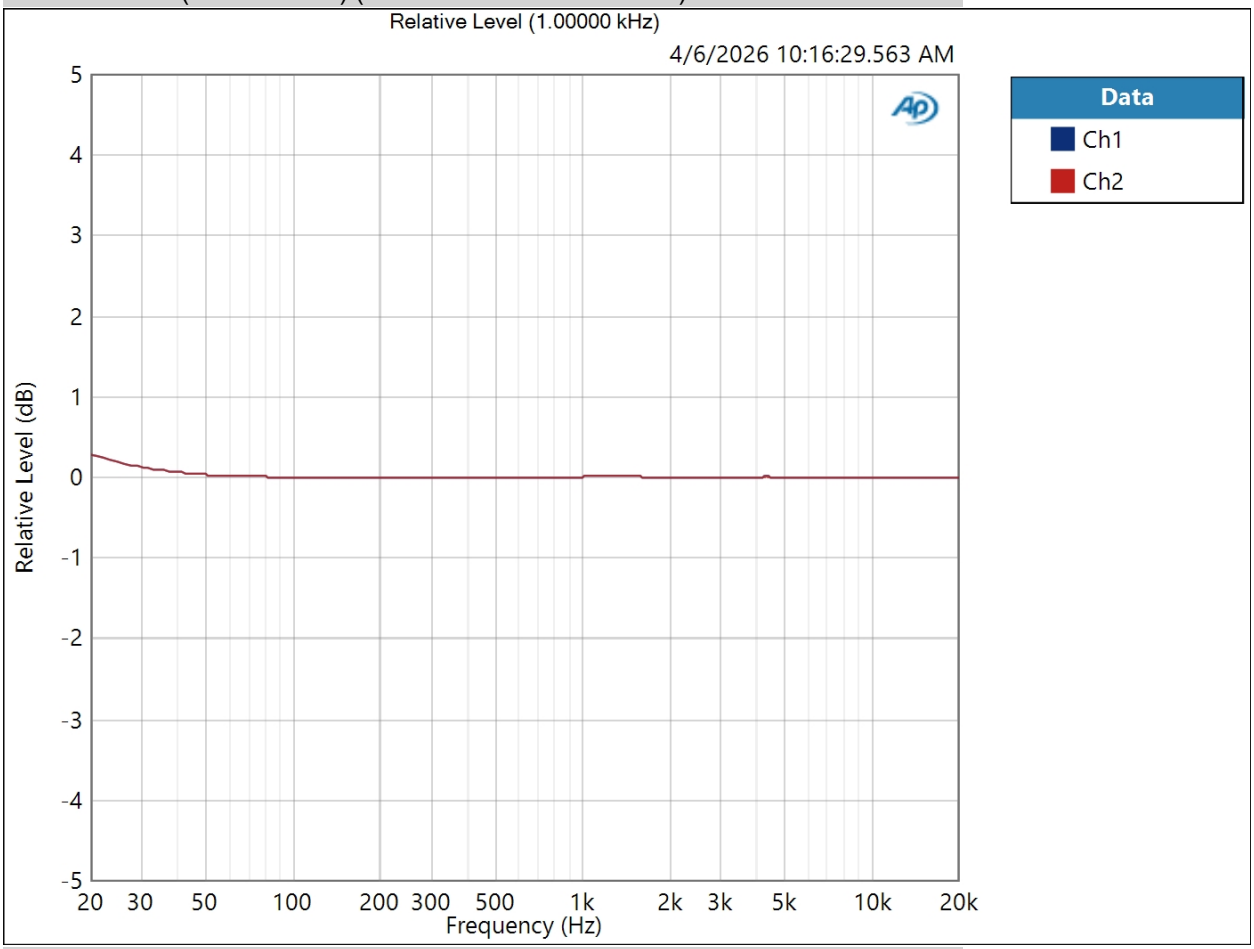


Result: PASSED

Preamp Tube : Frequency Response

Start Frequency:	20.0000 Hz
Stop Frequency:	20.0000 kHz
Generator Level:	1.800 Vrms
DC Offset:	0.000 V
EQ:	None
Pre-Sweep:	100.0 ms
Sweep:	350.0 ms
Extend Acquisition By:	1.000 s
Secondary Source:	None
Measured 1	4/6/2026 10:16:29 AM

Relative Level (1.00000 kHz) (4/6/2026 10:16:29.563 AM)



Relative Level (1.00000 kHz) Parameters

Mode: Normalized at Reference

Ref Frequency: 1.00000 kHz

Result: PASSED

Deviation (20.0000 Hz - 20.0000 kHz) (4/6/2026 10:16:29.563 AM)

Ch1 ±0.140 dB

Ch2 ±0.142 dB

Deviation (20.0000 Hz - 20.0000 kHz) Parameters

Min: 20.0000 Hz

Max: 20.0000 kHz

Preamp Tube : Signal to Noise Ratio

Waveform:	Sine
Generator Mode:	High Performance Sine Generator
Precision Tune:	Disabled
Generator Level:	1.800 Vrms
Frequency:	1.00000 kHz
High-pass Filter:	Elliptic
High-pass Frequency:	20 Hz
Low-pass Filter:	Elliptic
Low-pass Frequency:	20 kHz
Weighting Filter:	Signal Path

Signal to Noise Ratio (4/6/2026 10:16:32.459 AM)

Ch1 110.491 dB

Ch2 110.836 dB

Preamp Tube : THD+N

Waveform:	Sine
Generator Mode:	High Performance Sine Generator
Precision Tune:	Disabled
Generator Level:	1.800 Vrms
Frequency:	1.00000 kHz
High-pass Filter:	Elliptic
High-pass Frequency:	20 Hz
Low-pass Filter:	Elliptic
Low-pass Frequency:	20 kHz
Weighting Filter:	Signal Path
Notch Tuning Mode:	Measured Frequency

THD+N Ratio (4/6/2026 10:16:36.429 AM)

Ch1 0.001578 %

Ch2 0.002184 %

THD Ratio (4/6/2026 10:16:36.429 AM)

Ch1 0.001573 %

Ch2 0.002162 %

Noise Ratio (4/6/2026 10:16:36.429 AM)

Ch1 0.000294 %

Ch2 0.000286 %

Distortion Product Ratio (4/6/2026 10:16:36.429 AM)

Channel	F	H2	H3	H4	H5	H6	H7	H8	H9	H10
	1.000k	2.000k	3.000k	4.000k	5.000k	6.000k	7.000k	8.000k	9.000k	10.00k
Ch1	-0.00	-96.19	-114.96	-115.82	-121.85	-137.33	-138.04	-135.04	-136.48	-141.23
	1.000k	2.000k	3.000k	4.000k	5.000k	6.000k	7.000k	8.000k	9.000k	10.00k
Ch2	-0.00	-93.31	-124.88	-135.72	-130.42	-140.80	-140.37	-144.09	-138.75	-135.39

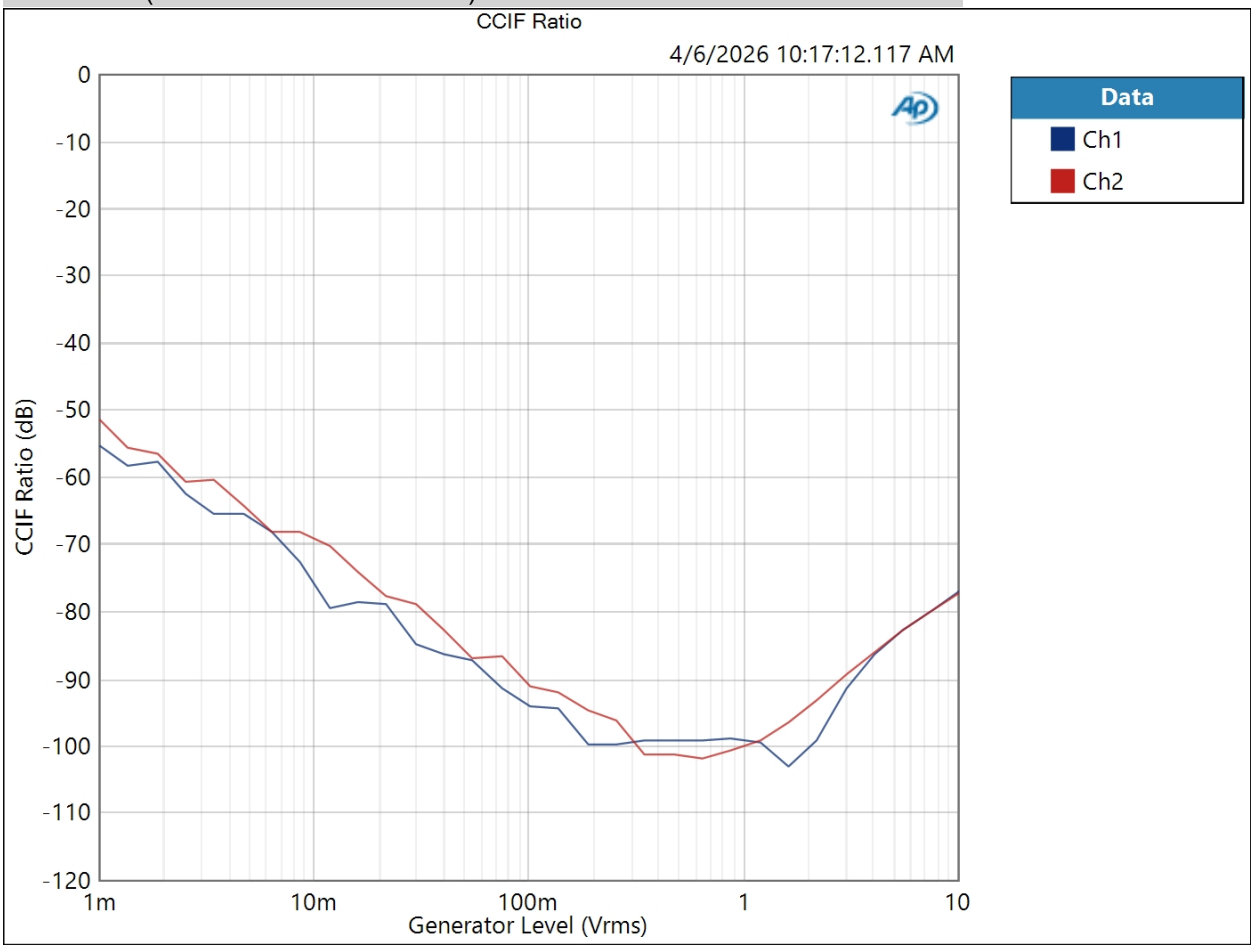
Distortion Product Ratio Parameters

Frequency Unit:	Hz
Ratio Unit:	dB
Channel:	Ch1

Preamp Tube : IMD Level Sweep (CCIF)

IMD Type:	CCIF
Mean Frequency:	12.5000 kHz
Diff Frequency:	80.0000 Hz
IMD Split:	False
Start Level:	1.000 mVrms
Stop Level:	10.00 Vrms
Step Type:	Logarithmic
Number of Points:	31
Mode:	d2+d3
Measured 1	4/6/2026 10:17:12 AM

CCIF Ratio (4/6/2026 10:17:12.117 AM)

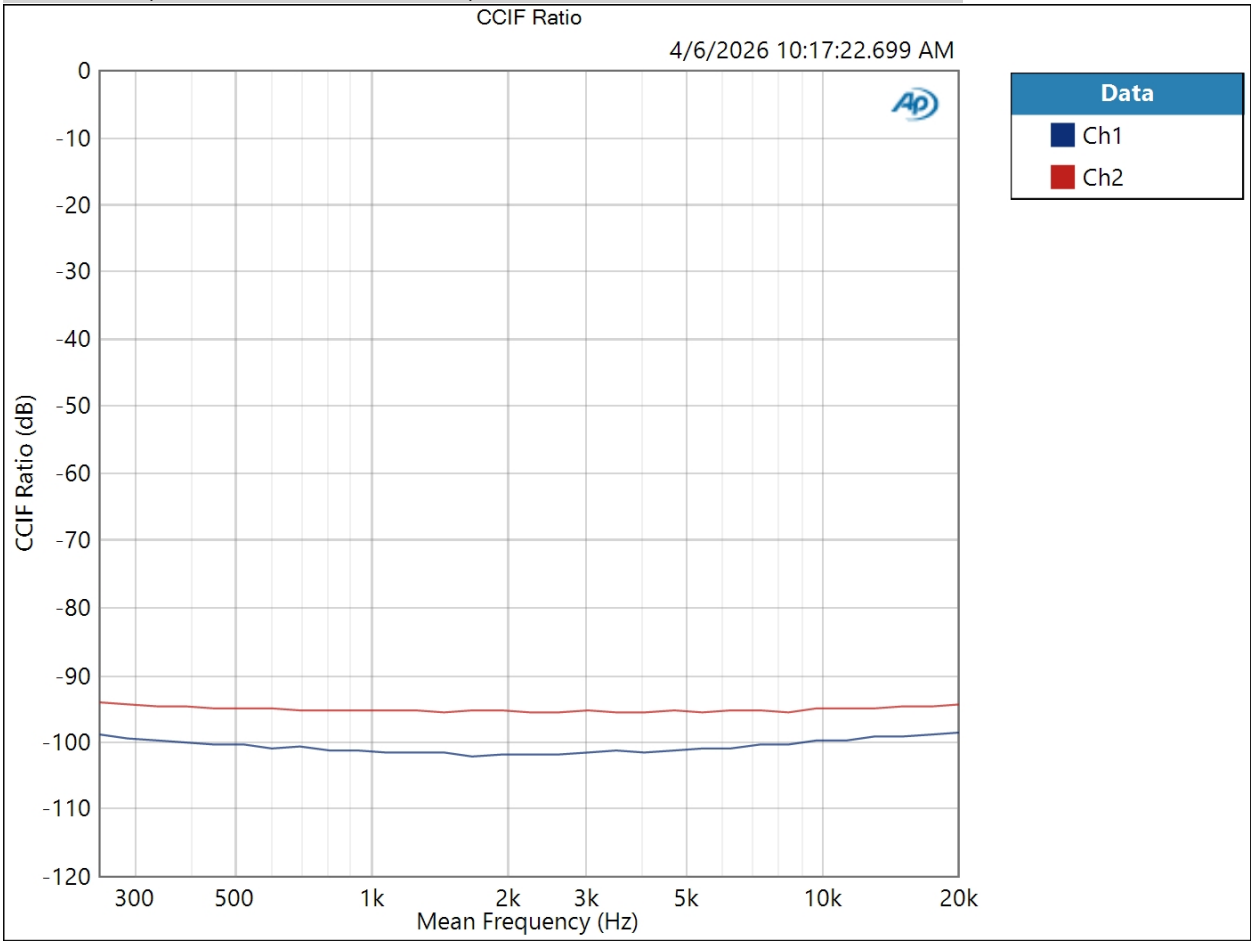


Result: PASSED

Preamp Tube : IMD Frequency Sweep (CCIF)

Generator Level:	1.800 Vrms
DC Offset:	0.000 V
Sweep Frequency:	Mean Frequency
Diff Frequency:	80.0000 Hz
IMD Split:	False
Start Frequency:	20.0000 kHz
Stop Frequency:	250.000 Hz
Step Type:	Logarithmic
Number of Points:	31
Mode:	d2+d3
Measured 1	4/6/2026 10:17:22 AM

CCIF Ratio (4/6/2026 10:17:22.699 AM)



Result: PASSED

Preamp Tube : Crosstalk, One Channel Undriven

Waveform:	Sine
Generator Mode:	High Performance Sine Generator
Precision Tune:	Disabled
Generator Level:	1.800 Vrms
Frequency:	10.0000 kHz

Crosstalk (4/6/2026 10:17:25.053 AM)

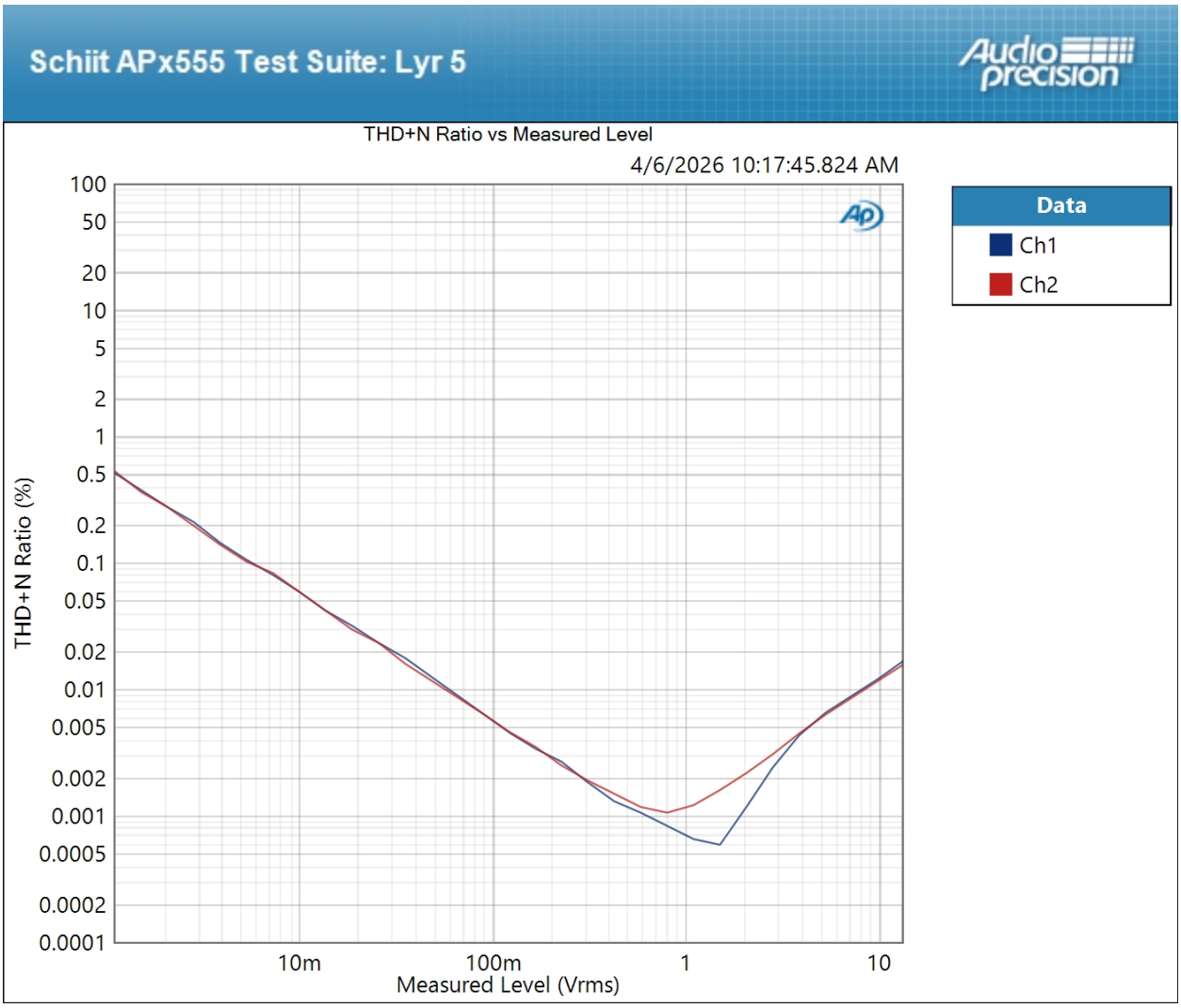
Ch1 -80.732 dB

Ch2 -104.633 dB

Preamp Tube : Stepped Level Sweep

Waveform:	Sine
Generator Mode:	High Performance Sine Generator
Precision Tune:	Disabled
Frequency:	1.00000 kHz
Start Level:	1.000 mVrms
Stop Level:	12.00 Vrms
Step Type:	Logarithmic
Number of Points:	31
High-pass Filter:	Elliptic
High-pass Frequency:	20 Hz
Low-pass Filter:	Elliptic
Low-pass Frequency:	20 kHz
Weighting Filter:	Signal Path
Notch Tuning Mode:	Generator Frequency
Measured 1	4/6/2026 10:17:45 AM

THD+N Ratio vs Measured Level (4/6/2026 10:17:45.824 AM)



Result: PASSED