Schiit APx Report for Skoll F

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

40dB	
Signal Path Setup	PASSED
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

40dB SE Out	
Signal Path Setup	PASSED
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

40dB Balanced In	
Signal Path Setup	PASSED
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
50dB	
Signal Path Setup	PASSED
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
60dB	
Signal Path Setup	PASSED
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
70dB	
Signal Path Setup	PASSED
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
RIAA and LF Filter	
Signal Path Setup	PASSED
Level and Gain	PASSED
RIAA Accuracy	PASSED

LF Filter	PASSED

Sequence Result:

Sequence Result:	PASSED

APx Instrument

Instrument ID:	100546525
Calibration Date:	2/10/2021
APx Version:	7.1.0.321

40dB : Signal Path Setup

Output Connector:	Analog Unbalanced
Channels:	2
Source Impedance:	20 ohm
Auto Range:	Enabled
Output EQ:	None
Input 1:	Analog Balanced
Measure:	Auto
Channels:	Auto (2 Channels)
Ch1	Data from Ch1, Sensitivity = 0.00 dB, Gain = 0.00 dB
Ch2	Data from Ch2, Sensitivity = 0.00 dB, Gain = 0.00 dB
Input Bandwidth:	AC (<10 Hz) - 20 kHz (44.1 kHz SR)
Input EQ:	None
Termination:	200 kohm
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.

40dB : Verify Connections

Waveform:	Sine
Generator Level:	38.00 mVrms
DC Offset:	0.000 V
Frequency:	1.00000 kHz

Gain (2/20/2025 12:57:05.990 PM)

Ch1 40.703 dB
Ch2 40.728 dB

40dB : Level and Gain

Waveform:	Sine
Generator Level:	38.00 mVrms
DC Offset:	0.000 V
Frequency:	1.00000 kHz
Low-pass Filter:	Signal Path

RMS Level (2/20/2025 12:57:08.092 PM)

Ch1 4.120 Vrms
Ch2 4.132 Vrms

40dB : DC Level

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

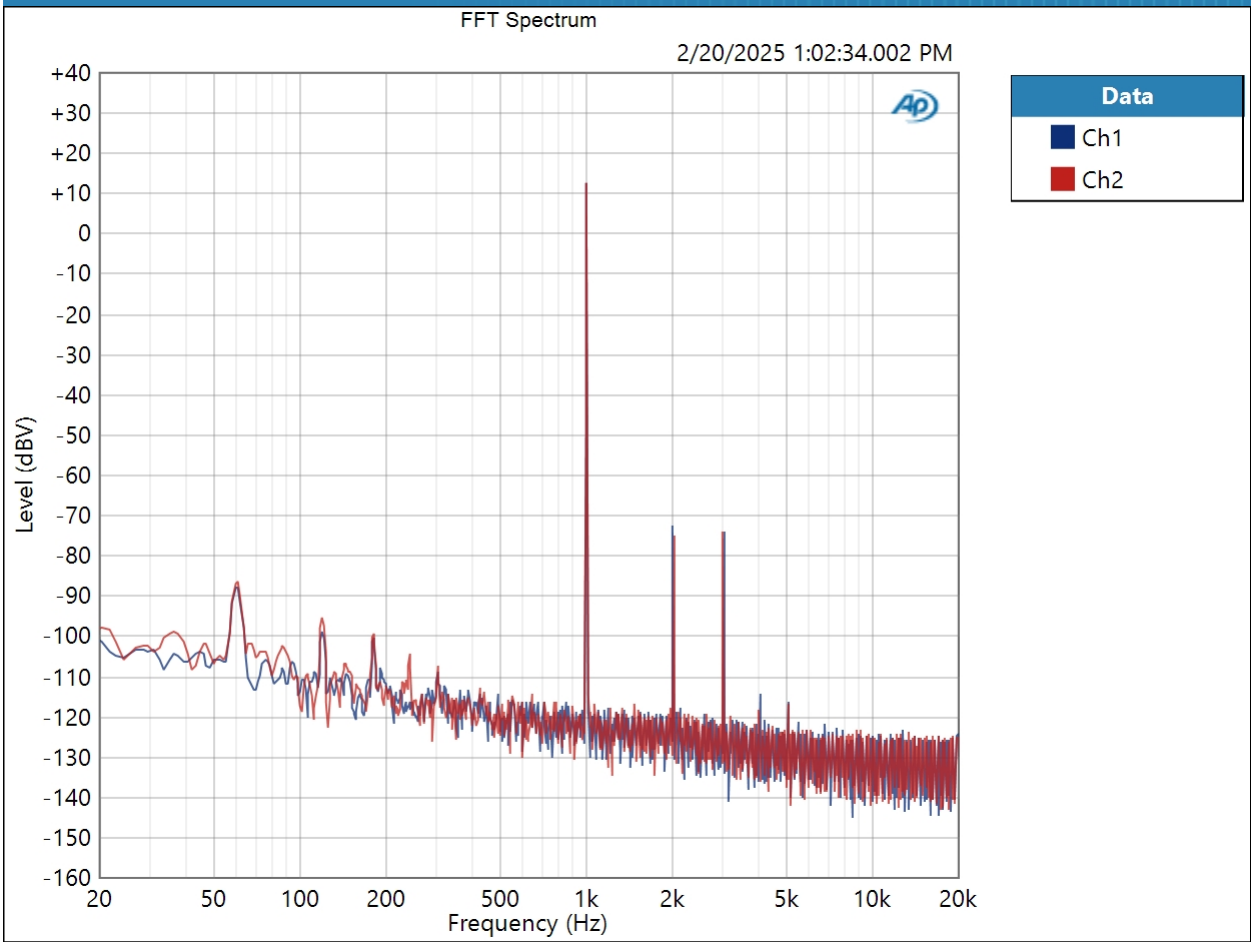
DC Level (2/20/2025 12:57:09.236 PM)

Ch1 -6.484 mV
Ch2 3.481 mV

40dB : Signal Analyzer

Waveform:	Sine
Generator Level:	38.00 mVrms
DC Offset:	0.000 V
Frequency:	1.00000 kHz
Secondary Source:	None
Measured 1	2/20/2025 1:02:34 PM
Acquisition Type:	Auto
Trigger:	Free Run
Delay Time:	250.0 ms
Input Bandwidth:	Use Signal Path
FFT Length:	32768
Averaging:	Power
Averages:	3
Window:	AP-Equiripple
Record Acquisition:	False
Recording Type:	Multiple Mono PCM (.wav)

FFT Spectrum (2/20/2025 1:02:34.002 PM)

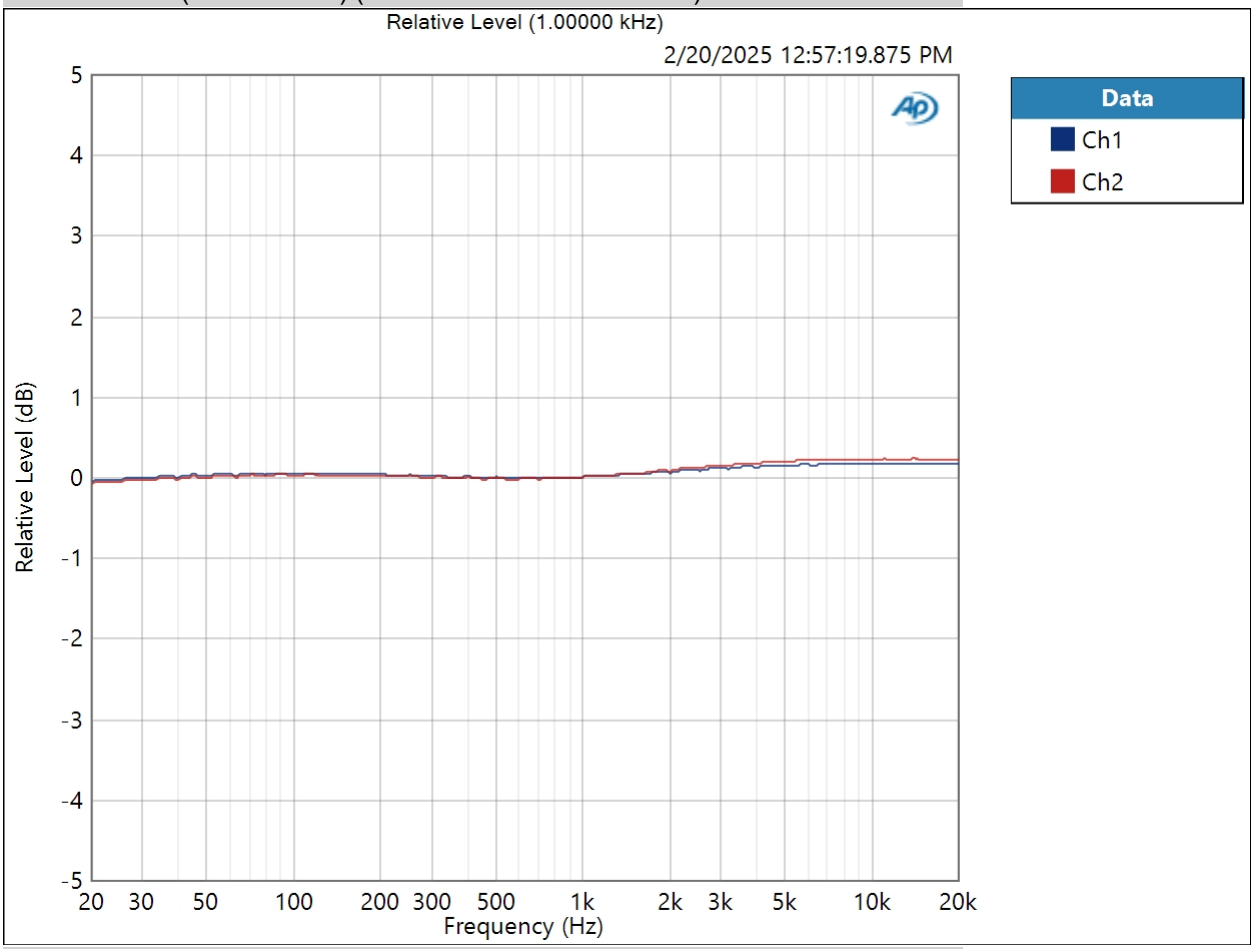


Result: PASSED

40dB : Frequency Response

Start Frequency:	20.0000 Hz
Stop Frequency:	20.0000 kHz
Generator Level:	38.00 mVrms
DC Offset:	0.000 V
EQ:	Relative
Pre-Sweep:	100.0 ms
Sweep:	350.0 ms
Extend Acquisition By:	2.000 s
Secondary Source:	None
Measured 1	2/20/2025 12:57:19 PM

Relative Level (1.00000 kHz) (2/20/2025 12:57:19.875 PM)



Relative Level (1.00000 kHz) Parameters

Mode:	Normalized at Reference

Ref Frequency: 1.00000 kHz

Result: PASSED

Deviation (20.0000 Hz - 20.0000 kHz) (2/20/2025 12:57:19.875 PM)

Ch1 ±0.109 dB

Ch2 ±0.151 dB

Deviation (20.0000 Hz - 20.0000 kHz) Parameters

Min: 20.0000 Hz

Max: 20.0000 kHz

40dB : Signal to Noise Ratio

Waveform:	Sine
Generator Level:	38.00 mVrms
DC Offset:	0.000 V
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 (2/20/2025 12:57:22.096 PM)

Ch1 103.266 dB

Ch2 103.470 dB

40dB : THD+N

Waveform:	Sine
Generator Level:	38.00 mVrms
DC Offset:	0.000 V
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.
Notch Tuning Mode:	Measured Frequency

THD+N Ratio (2/20/2025 12:57:24.065 PM)

Ch1 0.008827 %

Ch2 0.007566 %

THD Ratio (2/20/2025 12:57:24.065 PM)

Ch1 0.008812 %

Ch2 0.007541 %

Noise Ratio (2/20/2025 12:57:24.065 PM)

Ch1 0.000621 %

Ch2 0.000651 %

Distortion Product Ratio (2/20/2025 12:57:24.065 PM)

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	-83.27	-85.16	-124.13	-128.20	-133.06	-136.31	-131.32	-133.33	-138.17
	1.000k	2.000k	3.000k	4.000k	5.000k	6.000k	7.000k	8.000k	9.000k	10.00k
Ch2	-0.00	-85.84	-85.11	-127.25	-123.75	-131.13	-132.32	-131.39	-133.47	-141.13

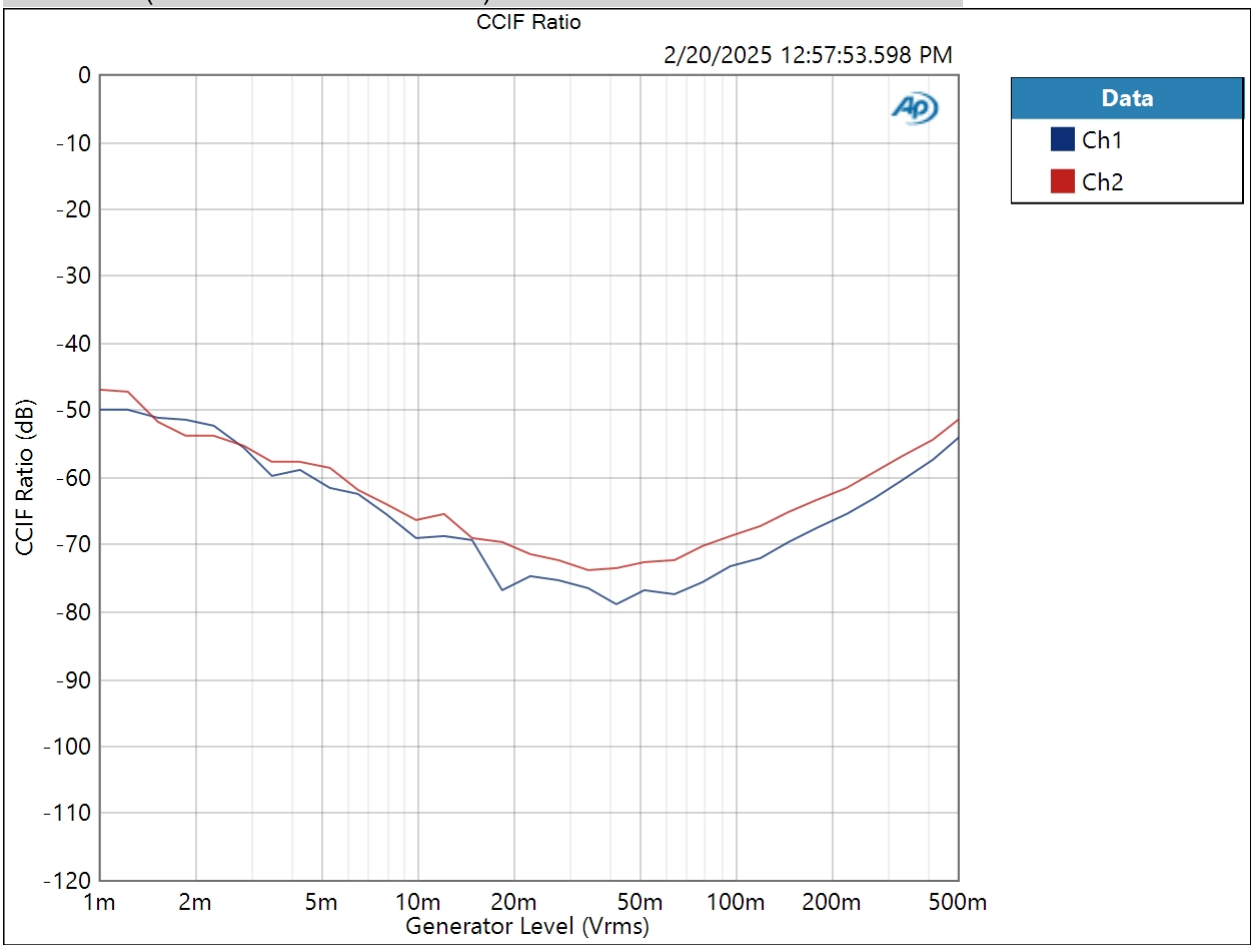
Distortion Product Ratio Parameters

Frequency Unit:	Hz
Ratio Unit:	dB
Channel:	Ch1

40dB : 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:	500.0 mVrms
Step Type:	Logarithmic
Number of Points:	31
Mode:	d2+d3
Measured 1	2/20/2025 12:57:53 PM

CCIF Ratio (2/20/2025 12:57:53.598 PM)

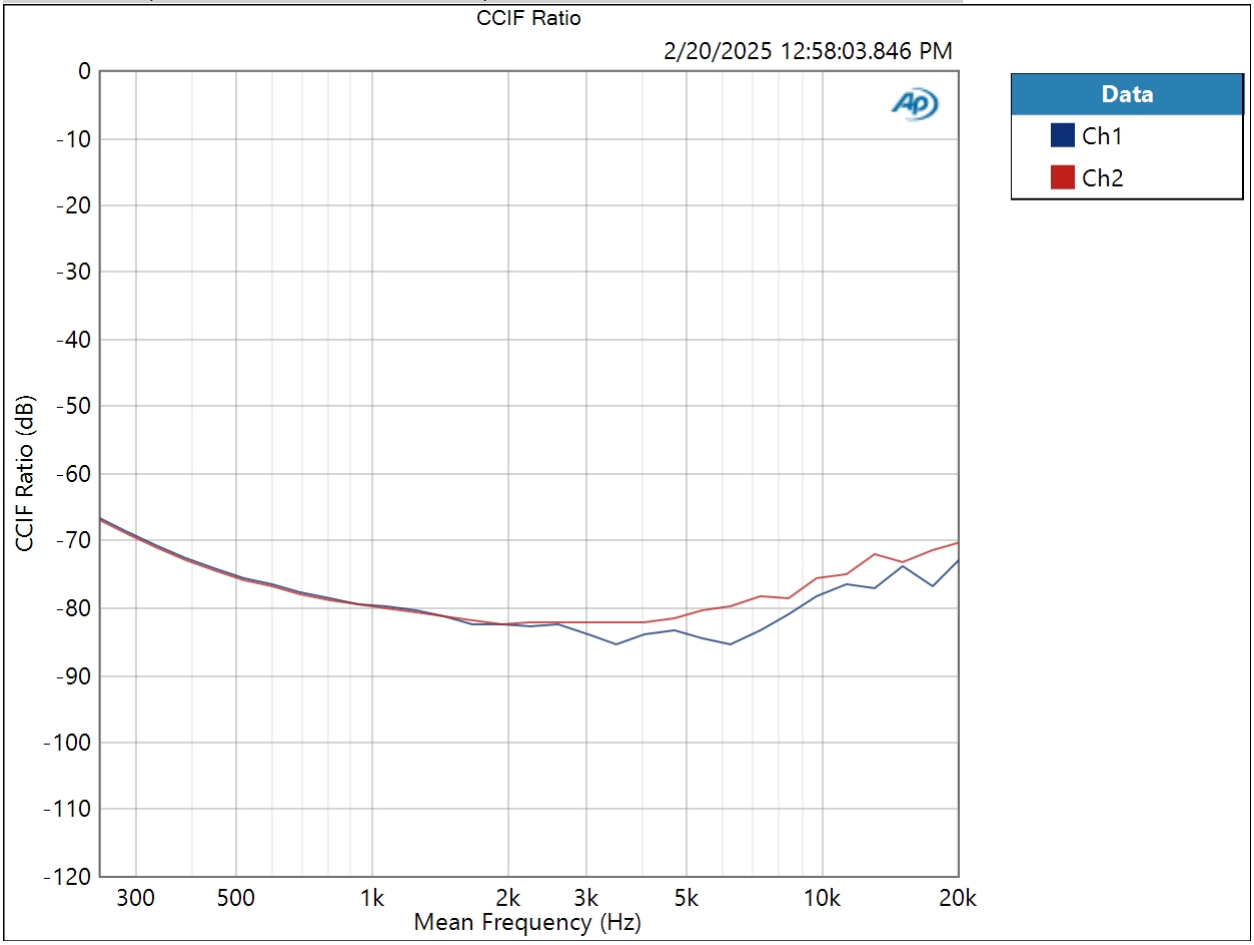


Result: PASSED

40dB : IMD Frequency Sweep (CCIF)

Generator Level:	38.00 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	2/20/2025 12:58:03 PM

CCIF Ratio (2/20/2025 12:58:03.846 PM)



Result: PASSED

40dB : Crosstalk, One Channel Undriven

Waveform:	Sine
Generator Level:	38.00 mVrms
DC Offset:	0.000 V
Frequency:	10.0000 kHz

Crosstalk (2/20/2025 12:58:08.929 PM)

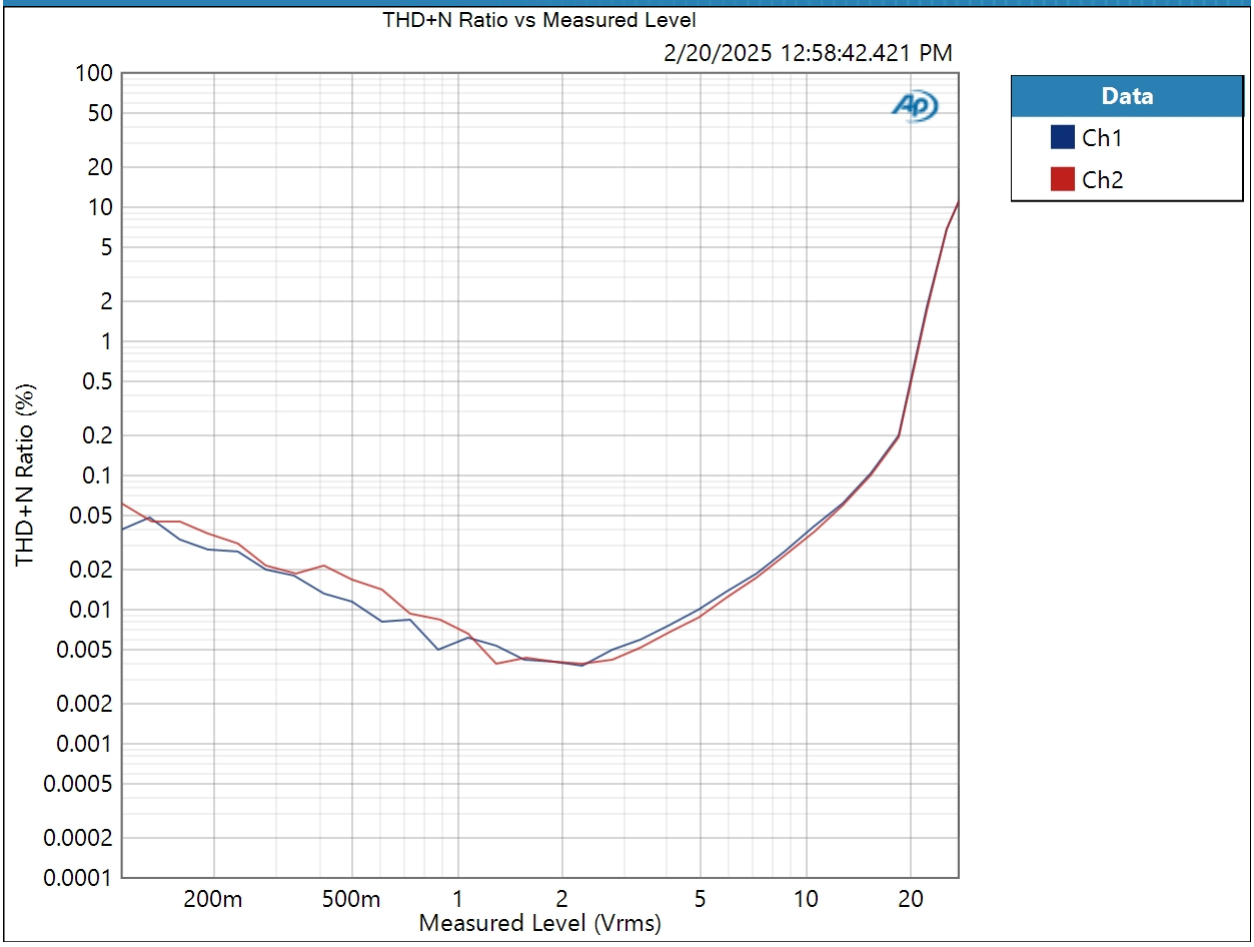
Ch1 -108.863 dB

Ch2 -110.459 dB

40dB : Stepped Level Sweep

Waveform:	Sine
Frequency:	1.00000 kHz
Start Level:	1.000 mVrms
Stop Level:	300.0 mVrms
Step Type:	Logarithmic
Number of Points:	31
Offset:	0.000 V
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	2/20/2025 12:58:42 PM

THD+N Ratio vs Measured Level (2/20/2025 12:58:42.421 PM)



Result: PASSED

40dB SE Out : Signal Path Setup

Output Connector:	Analog Unbalanced
Channels:	2
Source Impedance:	20 ohm
Auto Range:	Enabled
Output EQ:	None
Input 1:	Analog Unbalanced
Measure:	Auto
Channels:	Auto (2 Channels)
Ch1	Data from Ch1, Sensitivity = 0.00 dB, Gain = 0.00 dB
Ch2	Data from Ch2, Sensitivity = 0.00 dB, Gain = 0.00 dB
Input Bandwidth:	AC (<10 Hz) - 20 kHz (44.1 kHz SR)
Input EQ:	None
Termination:	100 kohm
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.

40dB SE Out : Verify Connections

Waveform:	Sine
Generator Level:	38.00 mVrms
DC Offset:	0.000 V
Frequency:	1.00000 kHz

Gain (2/20/2025 12:59:52.668 PM)

Ch1 33.875 dB
Ch2 33.898 dB

40dB SE Out : Level and Gain

Waveform:	Sine
Generator Level:	40.00 mVrms
DC Offset:	0.000 V
Frequency:	1.00000 kHz
Low-pass Filter:	Signal Path

RMS Level (2/20/2025 12:59:54.546 PM)

Ch1 1.976 Vrms
Ch2 1.981 Vrms

40dB SE Out : DC Level

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

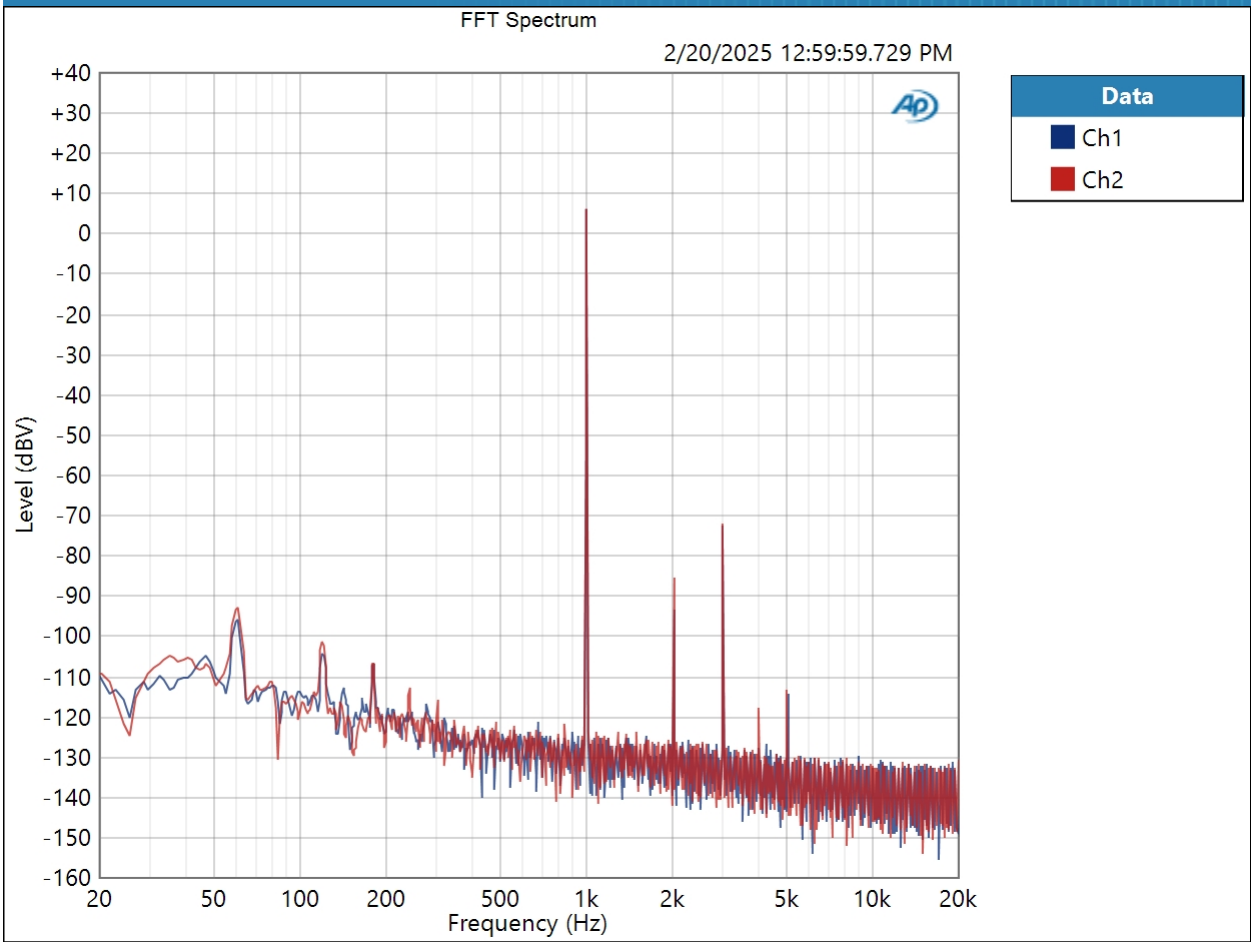
DC Level (2/20/2025 12:59:55.681 PM)

Ch1 3.143 mV
Ch2 2.090 mV

40dB SE Out : Signal Analyzer

Waveform:	Sine
Generator Level:	40.00 mVrms
DC Offset:	0.000 V
Frequency:	1.00000 kHz
Secondary Source:	None
Measured 1	2/20/2025 12:59:59 PM
Acquisition Type:	Auto
Trigger:	Free Run
Delay Time:	250.0 ms
Input Bandwidth:	Use Signal Path
FFT Length:	32768
Averaging:	Power
Averages:	3
Window:	AP-Equiripple
Record Acquisition:	False
Recording Type:	Multiple Mono PCM (.wav)

FFT Spectrum (2/20/2025 12:59:59.729 PM)

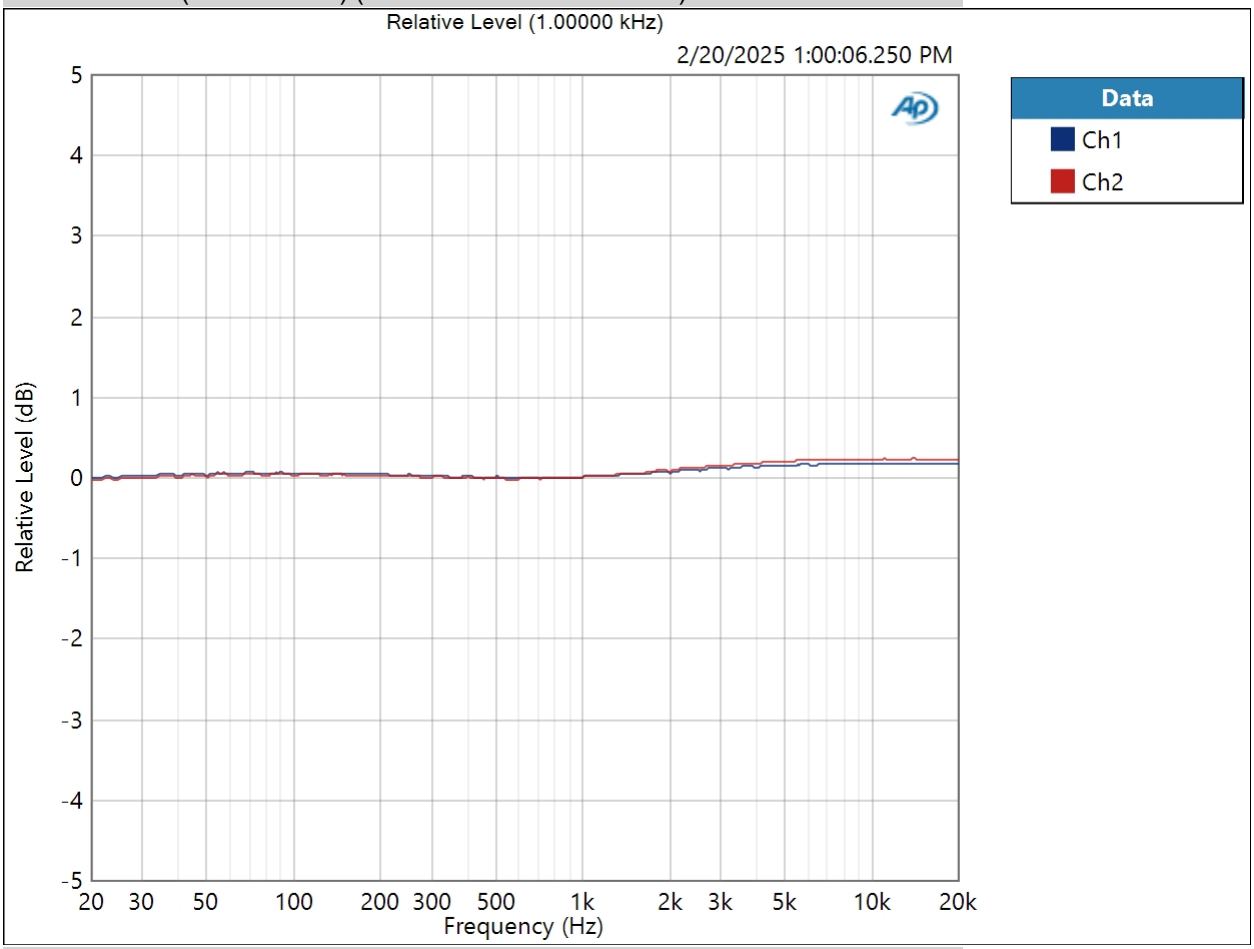


Result: PASSED

40dB SE Out : Frequency Response

Start Frequency:	20.0000 Hz
Stop Frequency:	20.0000 kHz
Generator Level:	40.00 mVrms
DC Offset:	0.000 V
EQ:	Relative
Pre-Sweep:	100.0 ms
Sweep:	350.0 ms
Extend Acquisition By:	2.000 s
Secondary Source:	None
Measured 1	2/20/2025 1:00:06 PM

Relative Level (1.00000 kHz) (2/20/2025 1:00:06.250 PM)



Relative Level (1.00000 kHz) Parameters

Mode: Normalized at Reference

Ref Frequency: 1.00000 kHz

Result: PASSED

Deviation (20.0000 Hz - 20.0000 kHz) (2/20/2025 1:00:06.250 PM)

Ch1 ±0.092 dB

Ch2 ±0.133 dB

Deviation (20.0000 Hz - 20.0000 kHz) Parameters

Min: 20.0000 Hz

Max: 20.0000 kHz

40dB SE Out : Signal to Noise Ratio

Waveform:	Sine
Generator Level:	40.00 mVrms
DC Offset:	0.000 V
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 (2/20/2025 1:00:08.451 PM)

Ch1 103.750 dB

Ch2 103.700 dB

40dB SE Out : THD+N

Waveform:	Sine
Generator Level:	40.00 mVrms
DC Offset:	0.000 V
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.
Notch Tuning Mode:	Measured Frequency

THD+N Ratio (2/20/2025 1:00:10.521 PM)

Ch1 0.013740 %

Ch2 0.014561 %

THD Ratio (2/20/2025 1:00:10.521 PM)

Ch1 0.013668 %

Ch2 0.014464 %

Noise Ratio (2/20/2025 1:00:10.521 PM)

Ch1 0.000583 %

Ch2 0.000581 %

Distortion Product Ratio (2/20/2025 1:00:10.521 PM)

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	-98.14	-77.32	-129.50	-117.98	-129.97	-135.14	-134.52	-135.66	-137.22
	1.000k	2.000k	3.000k	4.000k	5.000k	6.000k	7.000k	8.000k	9.000k	10.00k
Ch2	-0.00	-90.05	-77.01	-123.08	-119.63	-130.77	-131.05	-130.52	-137.30	-136.42

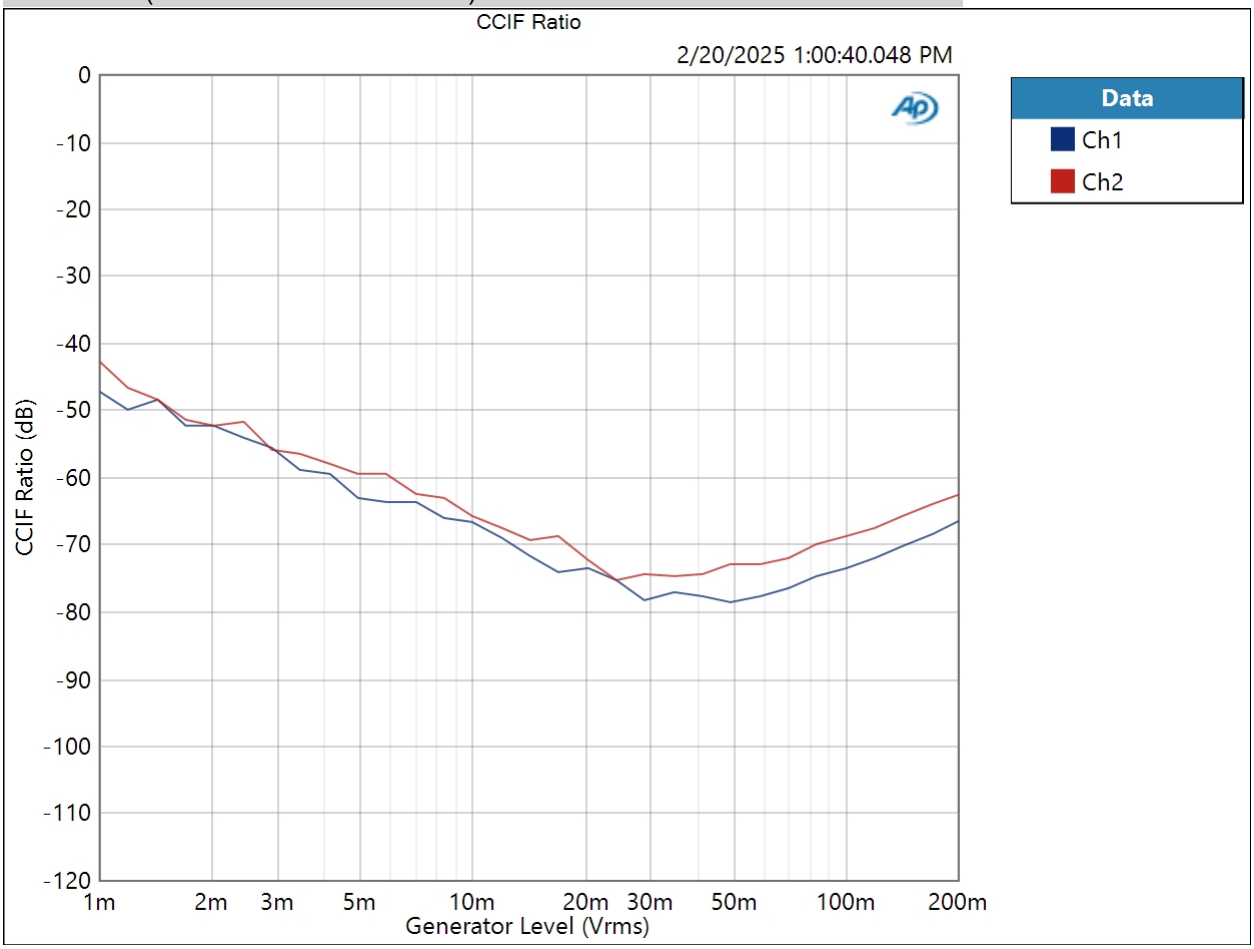
Distortion Product Ratio Parameters

Frequency Unit:	Hz
Ratio Unit:	dB
Channel:	Ch1

40dB SE Out : 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:	200.0 mVrms
Step Type:	Logarithmic
Number of Points:	31
Mode:	d2+d3
Measured 1	2/20/2025 1:00:40 PM

CCIF Ratio (2/20/2025 1:00:40.048 PM)

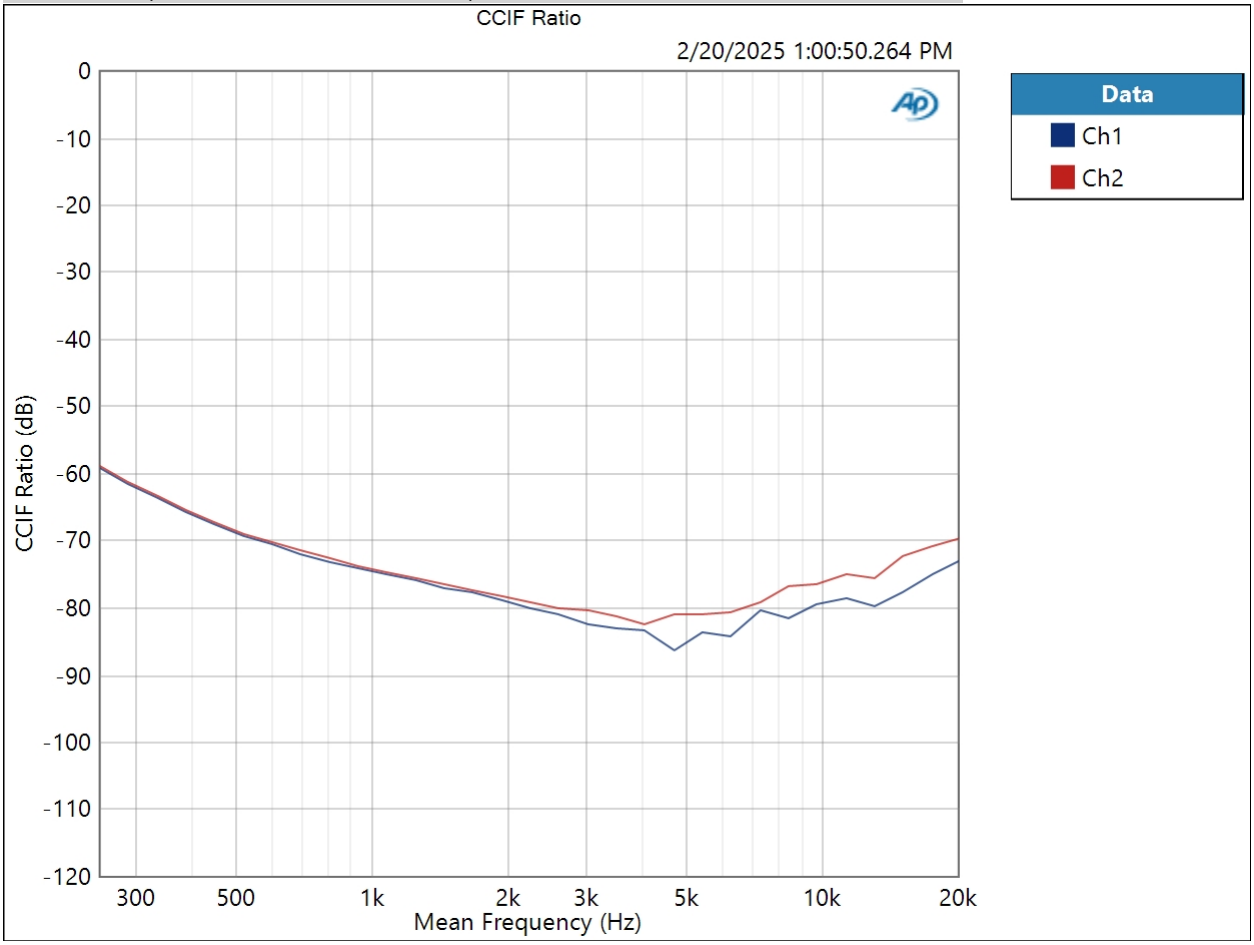


Result: PASSED

40dB SE Out : IMD Frequency Sweep (CCIF)

Generator Level:	40.00 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	2/20/2025 1:00:50 PM

CCIF Ratio (2/20/2025 1:00:50.264 PM)



Result: PASSED

40dB SE Out : Crosstalk, One Channel Undriven

Waveform:	Sine
Generator Level:	40.00 mVrms
DC Offset:	0.000 V
Frequency:	10.0000 kHz

Crosstalk (2/20/2025 1:00:52.046 PM)

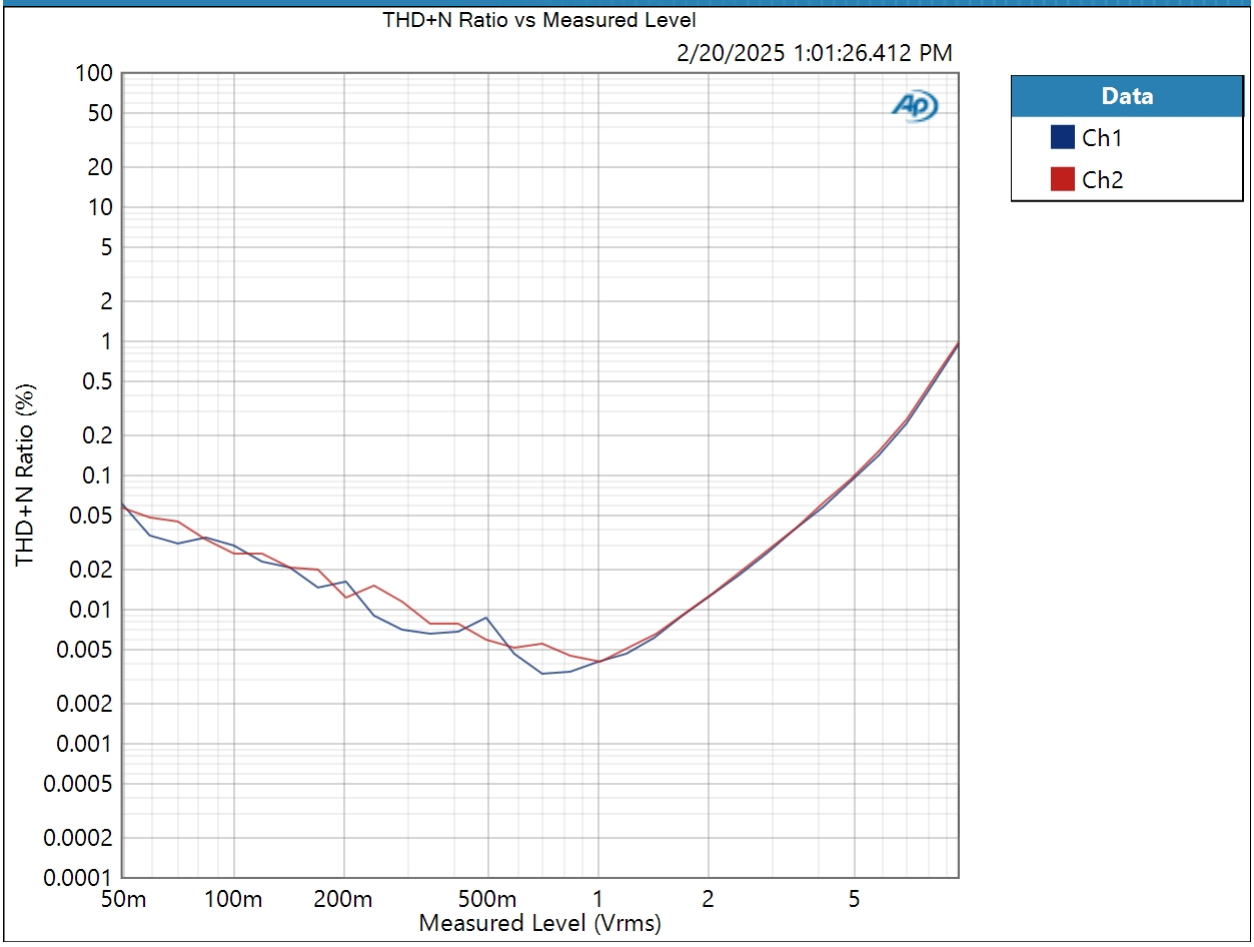
Ch1 -80.817 dB

Ch2 -86.994 dB

40dB SE Out : Stepped Level Sweep

Waveform:	Sine
Frequency:	1.00000 kHz
Start Level:	1.000 mVrms
Stop Level:	200.0 mVrms
Step Type:	Logarithmic
Number of Points:	31
Offset:	0.000 V
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	2/20/2025 1:01:26 PM

THD+N Ratio vs Measured Level (2/20/2025 1:01:26.412 PM)



Result: PASSED

40dB Balanced In : Signal Path Setup

Output Connector:	Analog Balanced
Channels:	2
Configuration:	Normal (Differential)
Source Impedance:	40 ohm
Auto Range:	Enabled
Output EQ:	None
Input 1:	Analog Balanced
Measure:	Auto
Channels:	Auto (2 Channels)
Ch1	Data from Ch1, Sensitivity = 0.00 dB, Gain = 0.00 dB
Ch2	Data from Ch2, Sensitivity = 0.00 dB, Gain = 0.00 dB
Input Bandwidth:	AC (<10 Hz) - 20 kHz (44.1 kHz SR)
Input EQ:	None
Termination:	200 kohm
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.

40dB Balanced In : Verify Connections

Waveform:	Sine
Generator Level:	38.00 mVrms
DC Offset:	0.000 V
Frequency:	1.00000 kHz

Gain (2/20/2025 1:03:11.731 PM)

Ch1 40.696 dB
Ch2 40.721 dB

40dB Balanced In : Level and Gain

Waveform:	Sine
Generator Level:	38.00 mVrms
DC Offset:	0.000 V
Frequency:	1.00000 kHz
Low-pass Filter:	Signal Path

RMS Level (2/20/2025 1:03:13.596 PM)

Ch1 4.117 Vrms
Ch2 4.129 Vrms

40dB Balanced In : DC Level

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

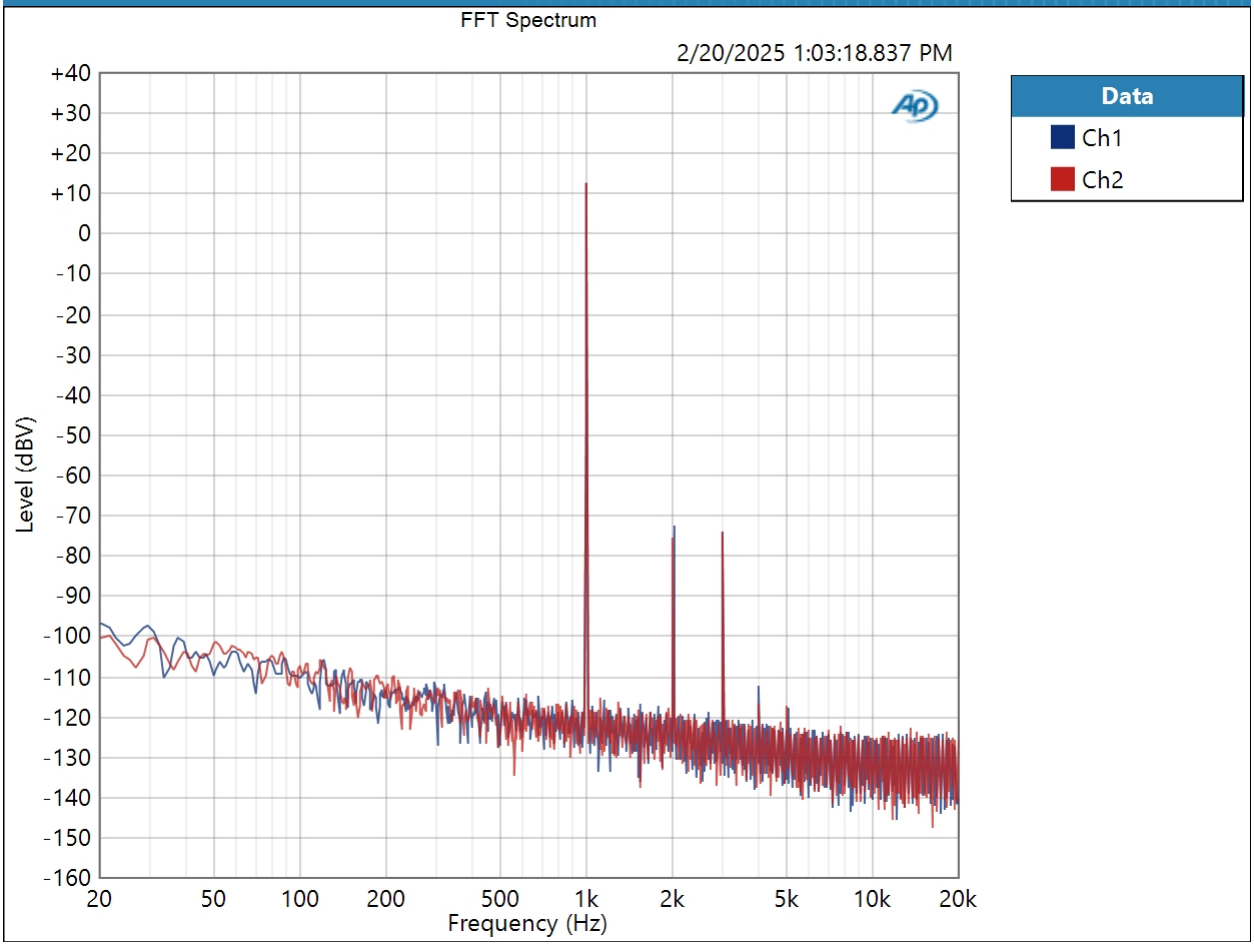
DC Level (2/20/2025 1:03:14.753 PM)

Ch1 -5.907 mV
Ch2 1.821 mV

40dB Balanced In : Signal Analyzer

Waveform:	Sine
Generator Level:	38.00 mVrms
DC Offset:	0.000 V
Frequency:	1.00000 kHz
Secondary Source:	None
Measured 1	2/20/2025 1:03:18 PM
Acquisition Type:	Auto
Trigger:	Free Run
Delay Time:	250.0 ms
Input Bandwidth:	Use Signal Path
FFT Length:	32768
Averaging:	Power
Averages:	3
Window:	AP-Equiripple
Record Acquisition:	False
Recording Type:	Multiple Mono PCM (.wav)

FFT Spectrum (2/20/2025 1:03:18.837 PM)

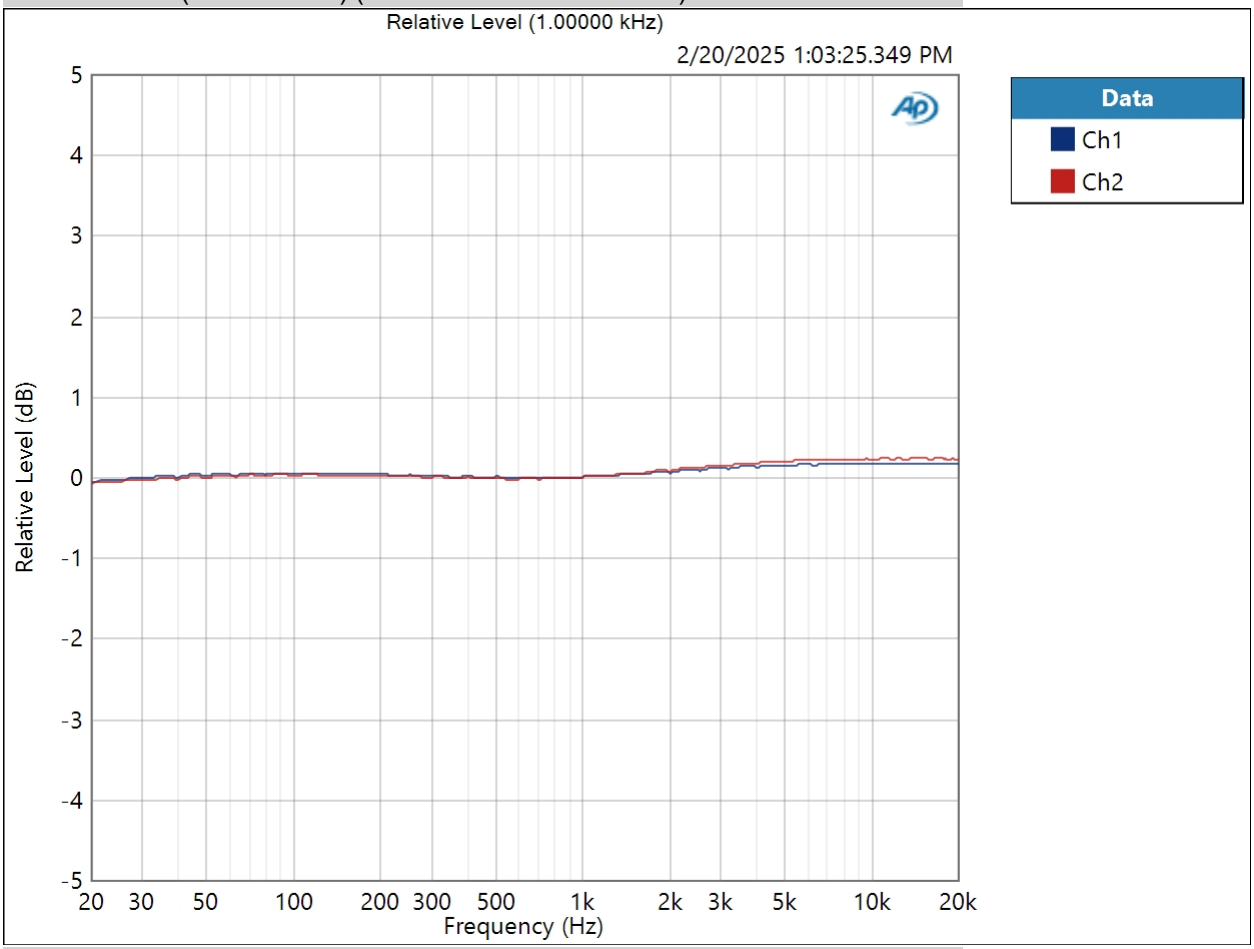


Result: PASSED

40dB Balanced In : Frequency Response

Start Frequency:	20.0000 Hz
Stop Frequency:	20.0000 kHz
Generator Level:	38.00 mVrms
DC Offset:	0.000 V
EQ:	Relative
Pre-Sweep:	100.0 ms
Sweep:	350.0 ms
Extend Acquisition By:	2.000 s
Secondary Source:	None
Measured 1	2/20/2025 1:03:25 PM

Relative Level (1.00000 kHz) (2/20/2025 1:03:25.349 PM)



Relative Level (1.00000 kHz) Parameters

Mode:	Normalized at Reference

Ref Frequency: 1.00000 kHz

Result: PASSED

Deviation (20.0000 Hz - 20.0000 kHz) (2/20/2025 1:03:25.349 PM)

Ch1 ±0.117 dB

Ch2 ±0.155 dB

Deviation (20.0000 Hz - 20.0000 kHz) Parameters

Min: 20.0000 Hz

Max: 20.0000 kHz

40dB Balanced In : Signal to Noise Ratio

Waveform:	Sine
Generator Level:	38.00 mVrms
DC Offset:	0.000 V
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 (2/20/2025 1:03:27.535 PM)

Ch1 103.196 dB

Ch2 103.228 dB

40dB Balanced In : THD+N

Waveform:	Sine
Generator Level:	38.00 mVrms
DC Offset:	0.000 V
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.
Notch Tuning Mode:	Measured Frequency

THD+N Ratio (2/20/2025 1:03:29.318 PM)

Ch1 0.008478 %

Ch2 0.007347 %

THD Ratio (2/20/2025 1:03:29.318 PM)

Ch1 0.008463 %

Ch2 0.007331 %

Noise Ratio (2/20/2025 1:03:29.318 PM)

Ch1 0.000624 %

Ch2 0.000621 %

Distortion Product Ratio (2/20/2025 1:03:29.318 PM)

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	-83.93	-85.06	-126.42	-127.38	-131.52	-133.99	-129.39	-132.73	-135.68
	1.000k	2.000k	3.000k	4.000k	5.000k	6.000k	7.000k	8.000k	9.000k	10.00k
Ch2	-0.00	-86.53	-85.02	-126.90	-128.57	-127.94	-137.47	-138.24	-133.47	-136.11

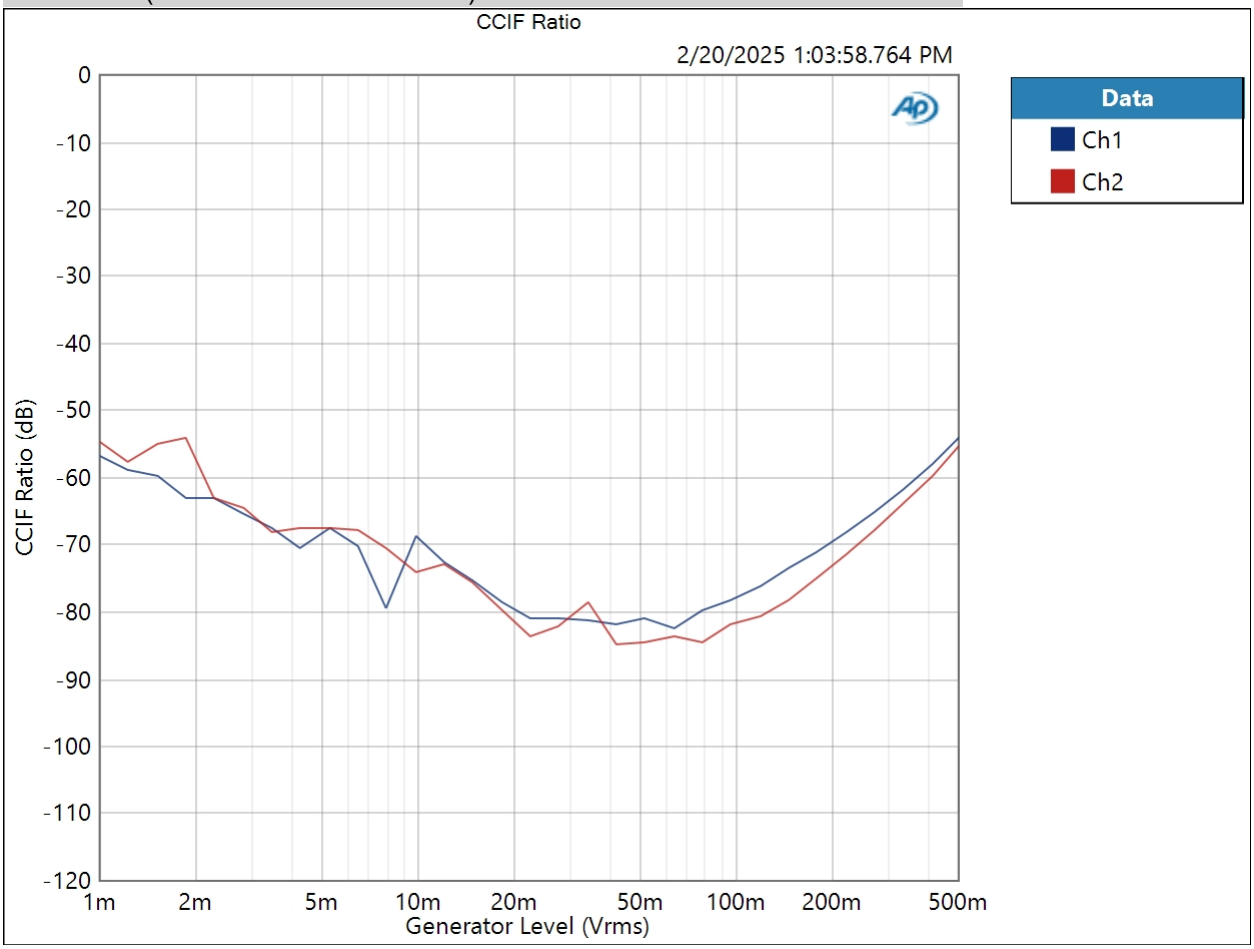
Distortion Product Ratio Parameters

Frequency Unit:	Hz
Ratio Unit:	dB
Channel:	Ch1

40dB Balanced In : 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:	500.0 mVrms
Step Type:	Logarithmic
Number of Points:	31
Mode:	d2+d3
Measured 1	2/20/2025 1:03:58 PM

CCIF Ratio (2/20/2025 1:03:58.764 PM)

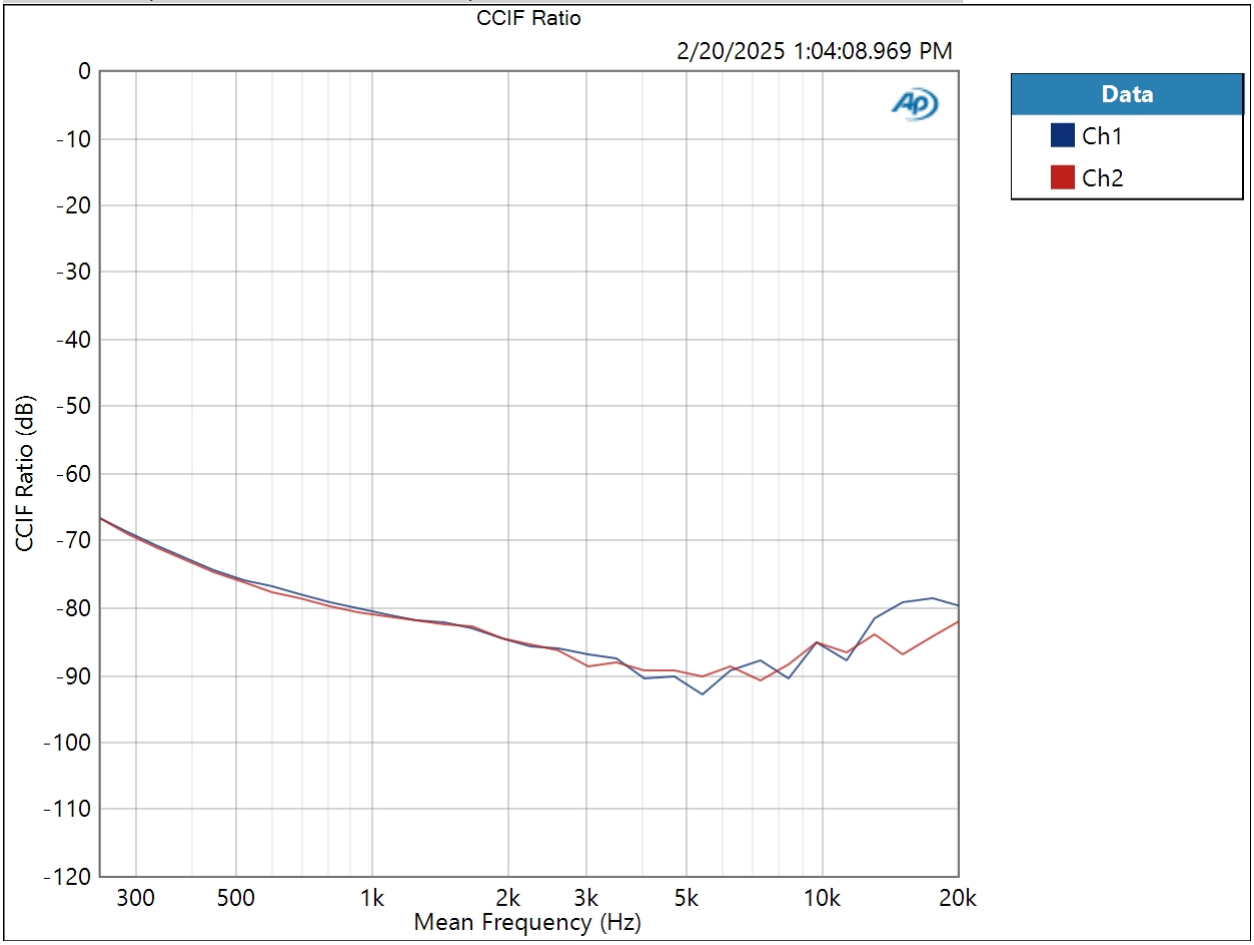


Result: PASSED

40dB Balanced In : IMD Frequency Sweep (CCIF)

Generator Level:	38.00 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	2/20/2025 1:04:08 PM

CCIF Ratio (2/20/2025 1:04:08.969 PM)



Result: PASSED

40dB Balanced In : Crosstalk, One Channel Undriven

Waveform:	Sine
Generator Level:	38.00 mVrms
DC Offset:	0.000 V
Frequency:	10.0000 kHz

Crosstalk (2/20/2025 1:04:14.083 PM)

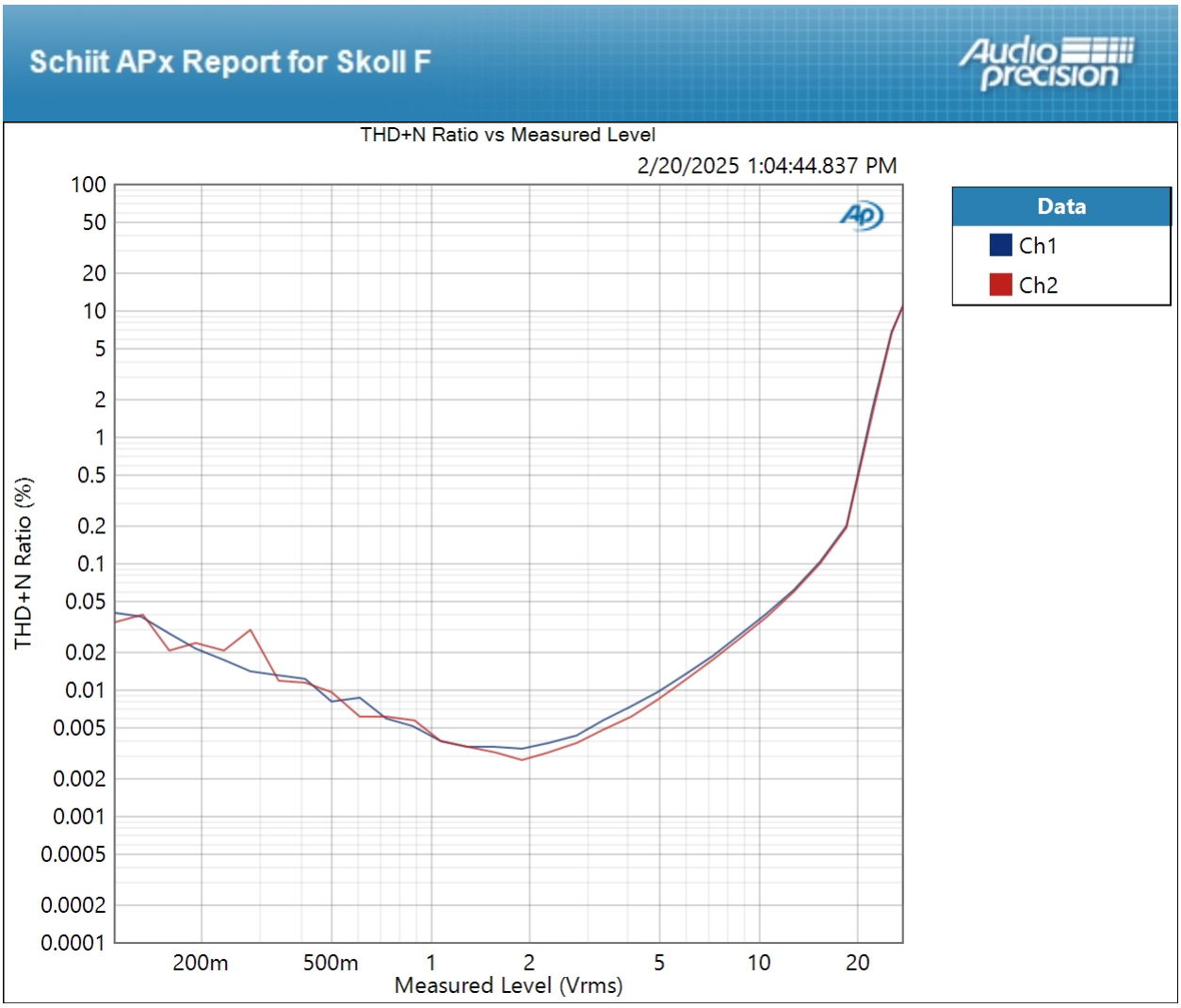
Ch1 -110.269 dB

Ch2 -111.642 dB

40dB Balanced In : Stepped Level Sweep

Waveform:	Sine
Frequency:	1.00000 kHz
Start Level:	1.000 mVrms
Stop Level:	300.0 mVrms
Step Type:	Logarithmic
Number of Points:	31
Offset:	0.000 V
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	2/20/2025 1:04:44 PM

THD+N Ratio vs Measured Level (2/20/2025 1:04:44.837 PM)



Result: PASSED

50dB : Signal Path Setup

Output Connector:	Analog Unbalanced
Channels:	2
Source Impedance:	20 ohm
Auto Range:	Enabled
Output EQ:	None
Input 1:	Analog Balanced
Measure:	Auto
Channels:	Auto (2 Channels)
Ch1	Data from Ch1, Sensitivity = 0.00 dB, Gain = 0.00 dB
Ch2	Data from Ch2, Sensitivity = 0.00 dB, Gain = 0.00 dB
Input Bandwidth:	AC (<10 Hz) - 20 kHz (44.1 kHz SR)
Input EQ:	None
Termination:	200 kohm
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.

50dB : Verify Connections

Waveform:	Sine
Generator Level:	38.00 mVrms
DC Offset:	0.000 V
Frequency:	1.00000 kHz

Gain (2/20/2025 1:05:48.963 PM)

Ch1 52.007 dB
Ch2 52.038 dB

50dB : Level and Gain

Waveform:	Sine
Generator Level:	10.00 mVrms
DC Offset:	0.000 V
Frequency:	1.00000 kHz
Low-pass Filter:	Signal Path

RMS Level (2/20/2025 1:05:50.443 PM)

Ch1 4.013 Vrms
Ch2 4.028 Vrms

50dB : 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

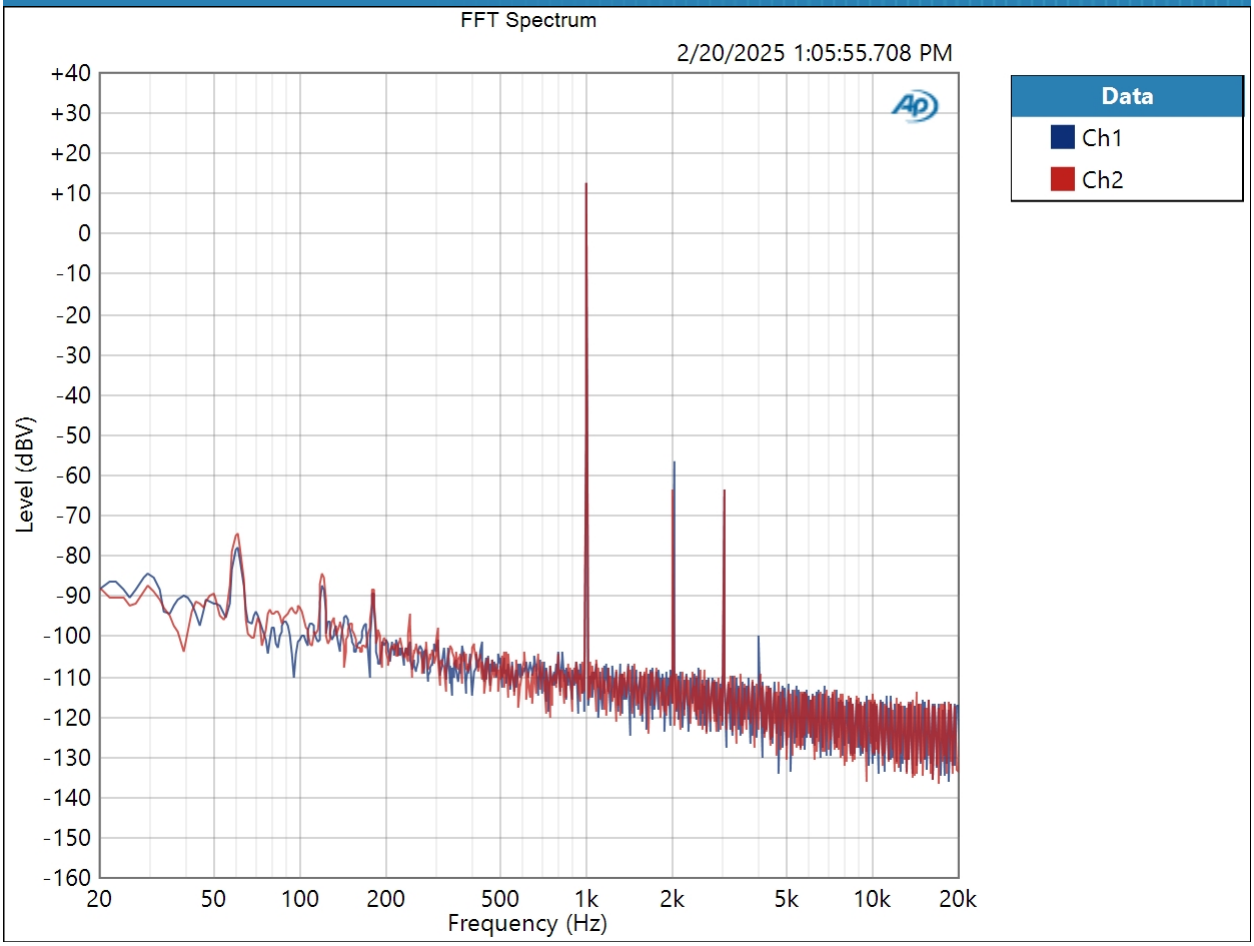
DC Level (2/20/2025 1:05:51.660 PM)

Ch1 -1.106 mV
Ch2 8.656 mV

50dB : Signal Analyzer

Waveform:	Sine
Generator Level:	10.00 mVrms
DC Offset:	0.000 V
Frequency:	1.00000 kHz
Secondary Source:	None
Measured 1	2/20/2025 1:05:55 PM
Acquisition Type:	Auto
Trigger:	Free Run
Delay Time:	250.0 ms
Input Bandwidth:	Use Signal Path
FFT Length:	32768
Averaging:	Power
Averages:	3
Window:	AP-Equiripple
Record Acquisition:	False
Recording Type:	Multiple Mono PCM (.wav)

FFT Spectrum (2/20/2025 1:05:55.708 PM)

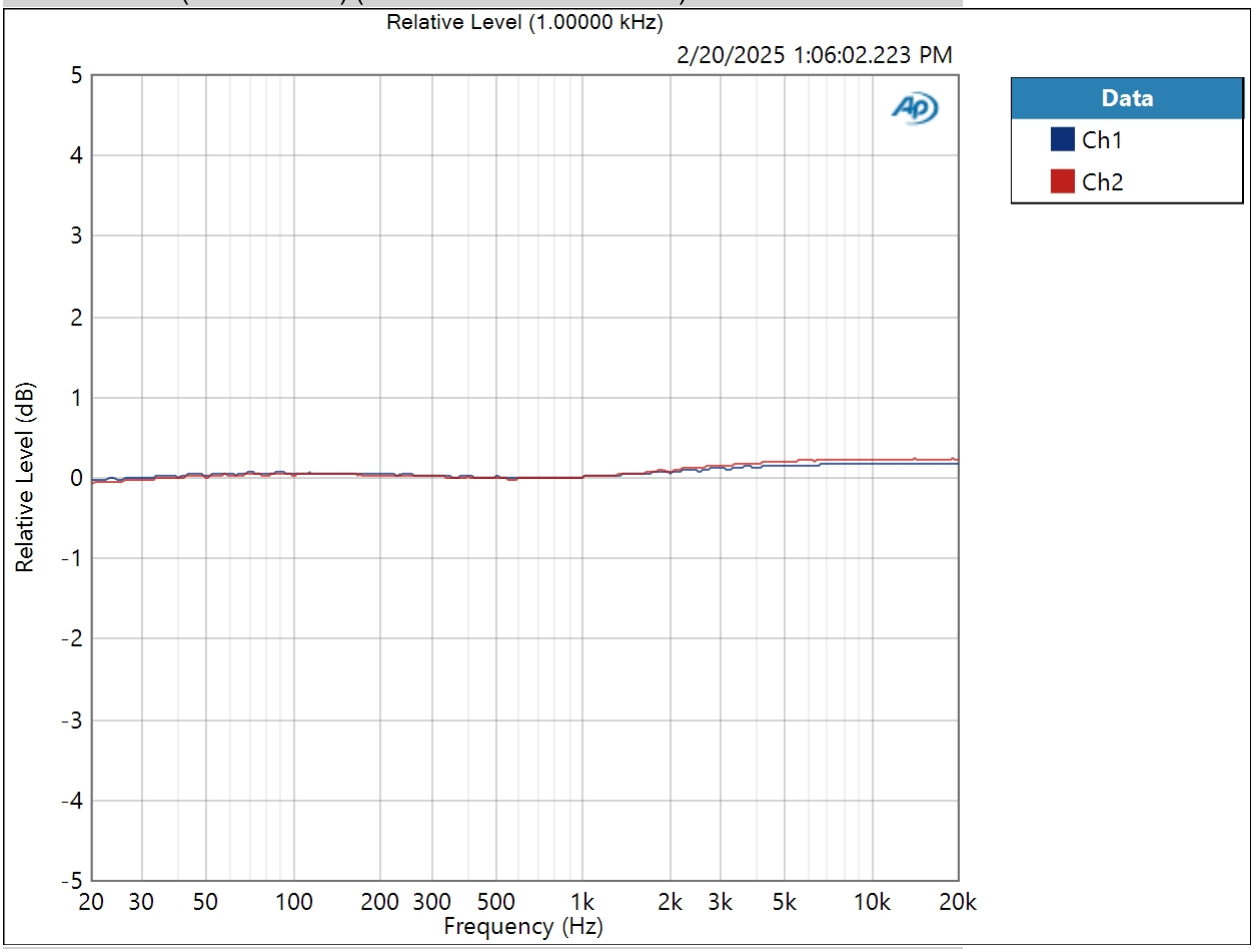


Result: PASSED

50dB : Frequency Response

Start Frequency:	20.0000 Hz
Stop Frequency:	20.0000 kHz
Generator Level:	10.00 mVrms
DC Offset:	0.000 V
EQ:	Relative
Pre-Sweep:	100.0 ms
Sweep:	350.0 ms
Extend Acquisition By:	2.000 s
Secondary Source:	None
Measured 1	2/20/2025 1:06:02 PM

Relative Level (1.00000 kHz) (2/20/2025 1:06:02.223 PM)



Relative Level (1.00000 kHz) Parameters

Mode: Normalized at Reference

Ref Frequency: 1.00000 kHz

Result: PASSED

Deviation (20.0000 Hz - 20.0000 kHz) (2/20/2025 1:06:02.223 PM)

Ch1 ±0.105 dB

Ch2 ±0.153 dB

Deviation (20.0000 Hz - 20.0000 kHz) Parameters

Min: 20.0000 Hz

Max: 20.0000 kHz

50dB : Signal to Noise Ratio

Waveform:	Sine
Generator Level:	10.00 mVrms
DC Offset:	0.000 V
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 (2/20/2025 1:06:04.411 PM)

Ch1 92.248 dB

Ch2 92.295 dB

50dB : THD+N

Waveform:	Sine
Generator Level:	10.00 mVrms
DC Offset:	0.000 V
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.
Notch Tuning Mode:	Measured Frequency

THD+N Ratio (2/20/2025 1:06:06.145 PM)

Ch1 0.046093 %

Ch2 0.026070 %

THD Ratio (2/20/2025 1:06:06.145 PM)

Ch1 0.045868 %

Ch2 0.025683 %

Noise Ratio (2/20/2025 1:06:06.145 PM)

Ch1 0.002084 %

Ch2 0.002132 %

Distortion Product Ratio (2/20/2025 1:06:06.145 PM)

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	-67.56	-74.58	-111.72	-116.18	-120.57	-125.97	-123.29	-124.99	-125.25
	1.000k	2.000k	3.000k	4.000k	5.000k	6.000k	7.000k	8.000k	9.000k	10.00k
Ch2	-0.00	-74.86	-74.77	-123.78	-116.67	-123.17	-124.75	-123.70	-126.54	-127.74

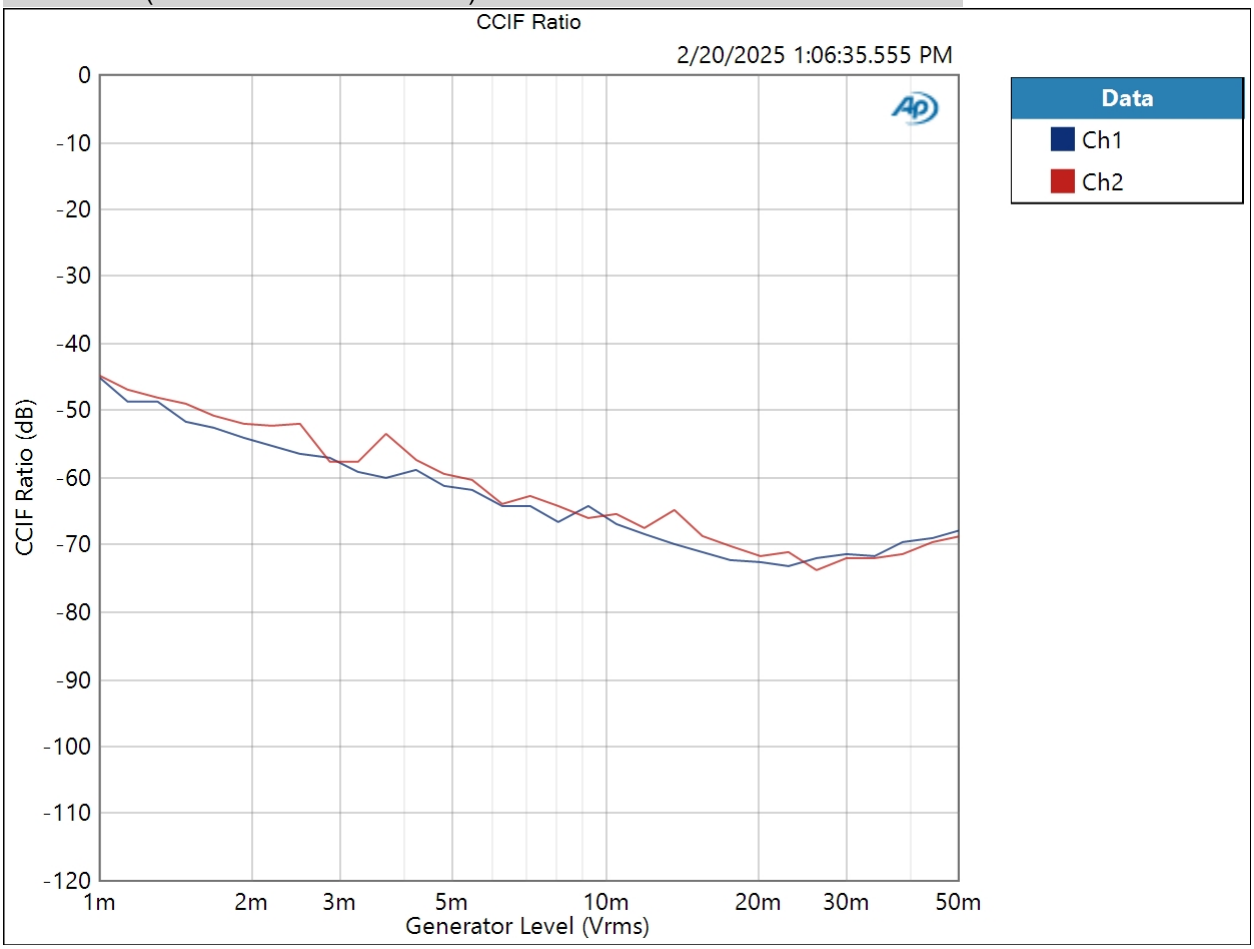
Distortion Product Ratio Parameters

Frequency Unit:	Hz
Ratio Unit:	dB
Channel:	Ch1

50dB : 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:	50.00 mVrms
Step Type:	Logarithmic
Number of Points:	31
Mode:	d2+d3
Measured 1	2/20/2025 1:06:35 PM

CCIF Ratio (2/20/2025 1:06:35.555 PM)

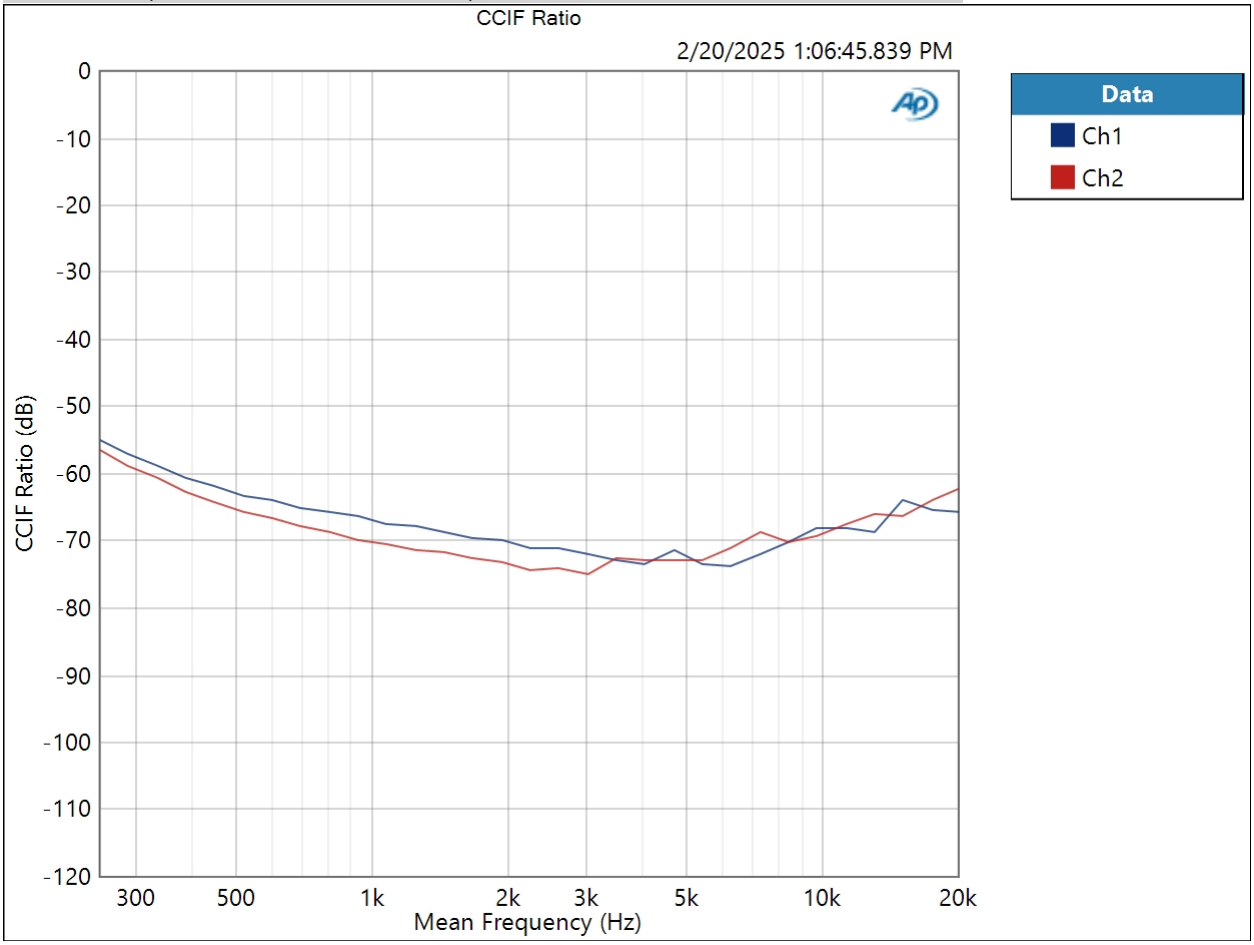


Result: PASSED

50dB : IMD Frequency Sweep (CCIF)

Generator Level:	10.00 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	2/20/2025 1:06:45 PM

CCIF Ratio (2/20/2025 1:06:45.839 PM)



Result: PASSED

50dB : Crosstalk, One Channel Undriven

Waveform:	Sine
Generator Level:	10.00 mVrms
DC Offset:	0.000 V
Frequency:	10.0000 kHz

Crosstalk (2/20/2025 1:06:50.925 PM)

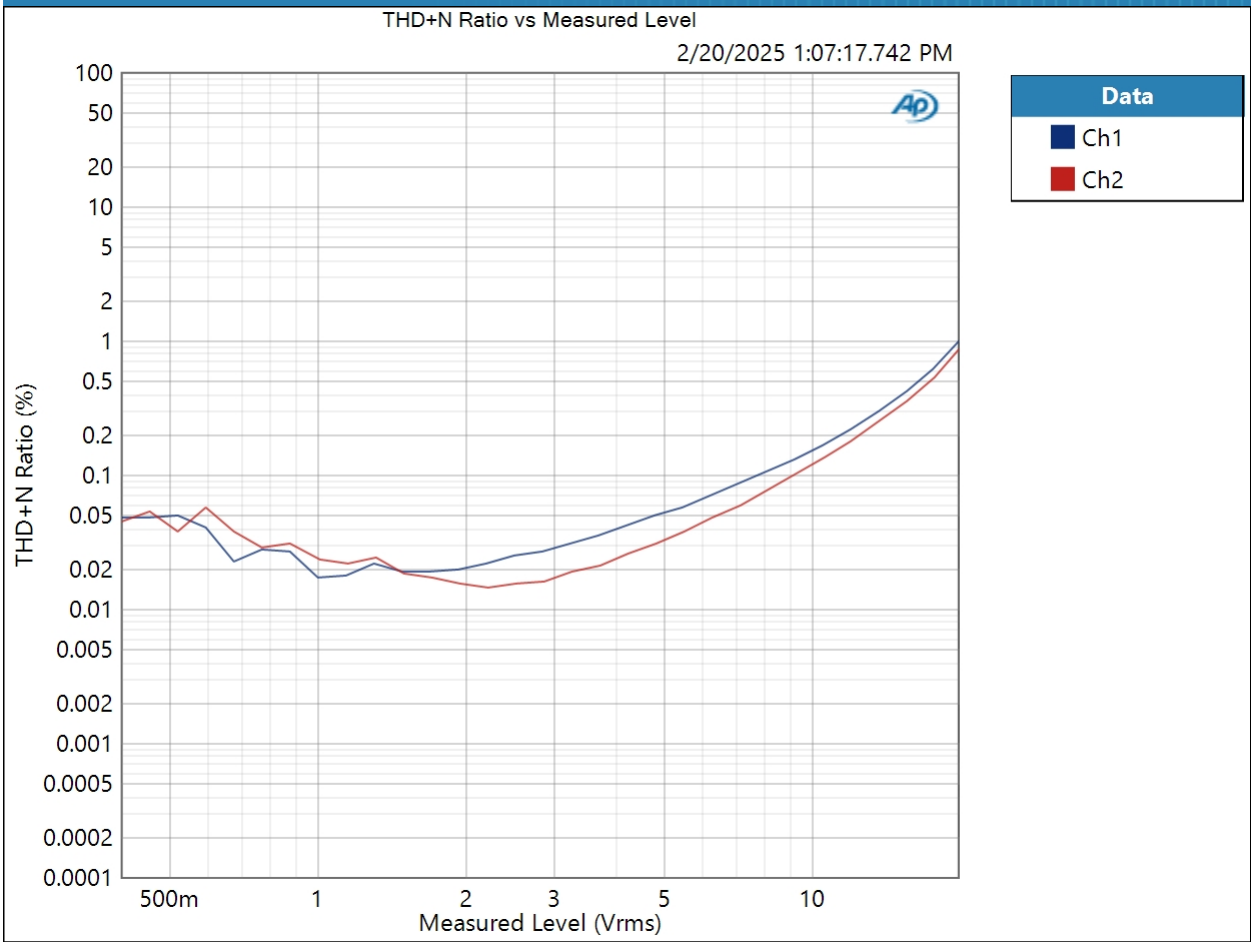
Ch1 -101.508 dB

Ch2 -100.462 dB

50dB : Stepped Level Sweep

Waveform:	Sine
Frequency:	1.00000 kHz
Start Level:	1.000 mVrms
Stop Level:	50.00 mVrms
Step Type:	Logarithmic
Number of Points:	31
Offset:	0.000 V
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	2/20/2025 1:07:17 PM

THD+N Ratio vs Measured Level (2/20/2025 1:07:17.742 PM)



Result: PASSED

60dB : Signal Path Setup

Output Connector:	Analog Unbalanced
Channels:	2
Source Impedance:	20 ohm
Auto Range:	Enabled
Output EQ:	None
Input 1:	Analog Balanced
Measure:	Auto
Channels:	Auto (2 Channels)
Ch1	Data from Ch1, Sensitivity = 0.00 dB, Gain = 0.00 dB
Ch2	Data from Ch2, Sensitivity = 0.00 dB, Gain = 0.00 dB
Input Bandwidth:	AC (<10 Hz) - 20 kHz (44.1 kHz SR)
Input EQ:	None
Termination:	200 kohm
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.

60dB : Verify Connections

Waveform:	Sine
Generator Level:	38.00 mVrms
DC Offset:	0.000 V
Frequency:	1.00000 kHz

Gain (2/20/2025 1:07:46.720 PM)

Ch1 57.317 dB
Ch2 57.338 dB

60dB : Level and Gain

Waveform:	Sine
Generator Level:	4.500 mVrms
DC Offset:	0.000 V
Frequency:	1.00000 kHz
Low-pass Filter:	Signal Path

RMS Level (2/20/2025 1:07:48.535 PM)

Ch1 4.155 Vrms
Ch2 4.171 Vrms

60dB : 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 (2/20/2025 1:07:49.800 PM)

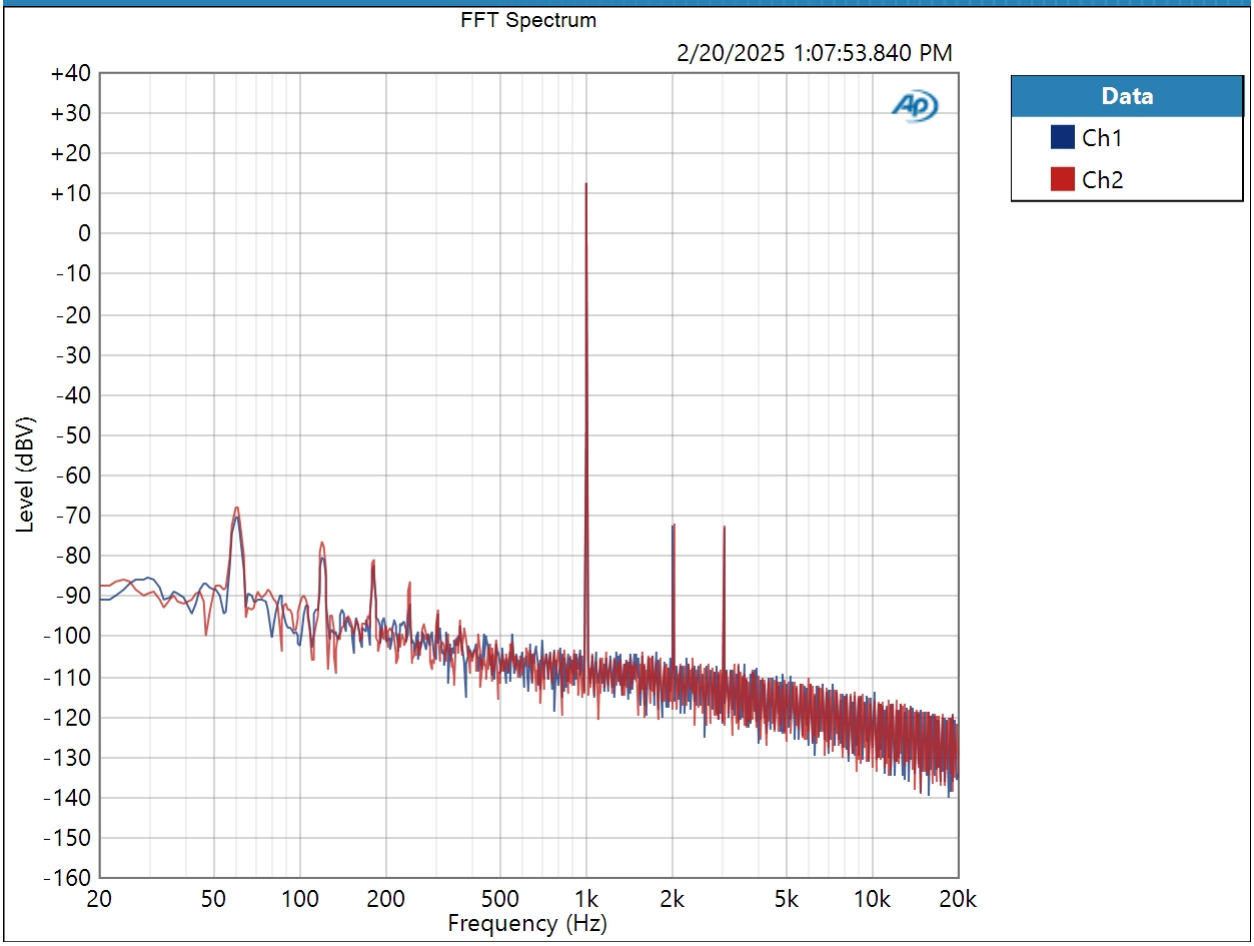
Ch1 29.68 mV
Ch2 30.87 mV

60dB : Signal Analyzer

Waveform:	Sine
Generator Level:	4.500 mVrms
DC Offset:	0.000 V
Frequency:	1.00000 kHz
Secondary Source:	None
Measured 1	2/20/2025 1:07:53 PM
Acquisition Type:	Auto
Trigger:	Free Run
Delay Time:	250.0 ms
Input Bandwidth:	Use Signal Path
FFT Length:	32768
Averaging:	Power
Averages:	3
Window:	AP-Equiripple
Record Acquisition:	False
Recording Type:	Multiple Mono PCM (.wav)

FFT Spectrum (2/20/2025 1:07:53.840 PM)

Schiit APx Report for Skoll F

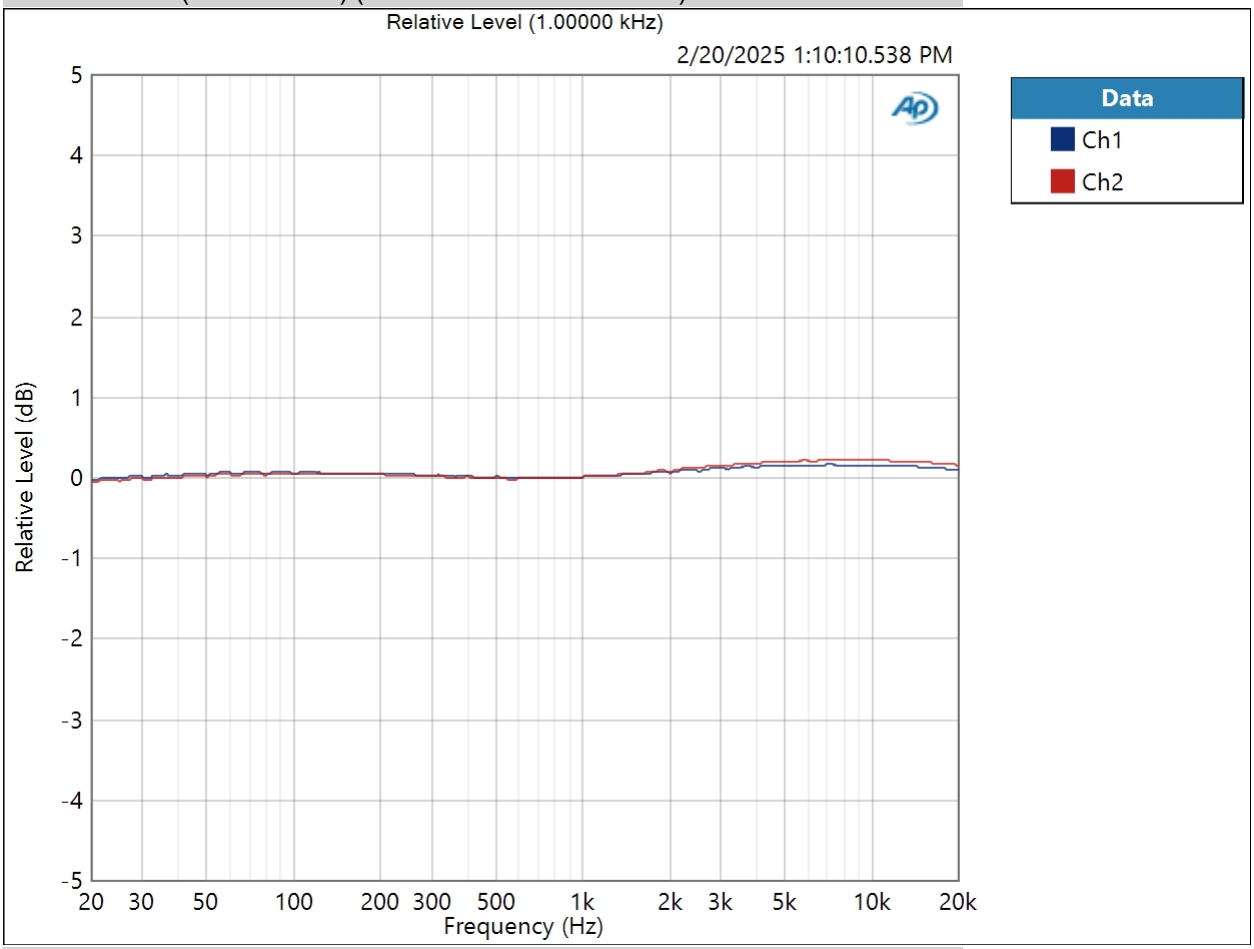


Result: PASSED

60dB : Frequency Response

Start Frequency:	20.0000 Hz
Stop Frequency:	20.0000 kHz
Generator Level:	4.500 mVrms
DC Offset:	0.000 V
EQ:	Relative
Pre-Sweep:	100.0 ms
Sweep:	2.000 s
Extend Acquisition By:	3.000 s
Secondary Source:	None
Measured 1	2/20/2025 1:10:10 PM

Relative Level (1.00000 kHz) (2/20/2025 1:10:10.538 PM)



Relative Level (1.00000 kHz) Parameters

Mode:	Normalized at Reference

Ref Frequency: 1.00000 kHz

Result: PASSED

Deviation (20.0000 Hz - 20.0000 kHz) (2/20/2025 1:10:10.538 PM)

Ch1 ±0.096 dB

Ch2 ±0.138 dB

Deviation (20.0000 Hz - 20.0000 kHz) Parameters

Min: 20.0000 Hz

Max: 20.0000 kHz

60dB : Signal to Noise Ratio

Waveform:	Sine
Generator Level:	4.500 mVrms
DC Offset:	0.000 V
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 (2/20/2025 1:08:02.652 PM)

Ch1 90.021 dB

Ch2 89.931 dB

60dB : THD+N

Waveform:	Sine
Generator Level:	4.500 mVrms
DC Offset:	0.000 V
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.
Notch Tuning Mode:	Measured Frequency

THD+N Ratio (2/20/2025 1:08:04.443 PM)

Ch1 0.009665 %

Ch2 0.009679 %

THD Ratio (2/20/2025 1:08:04.443 PM)

Ch1 0.009178 %

Ch2 0.009310 %

Noise Ratio (2/20/2025 1:08:04.443 PM)

Ch1 0.002688 %

Ch2 0.002755 %

Distortion Product Ratio (2/20/2025 1:08:04.443 PM)

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	-83.50	-84.04	-118.31	-114.58	-118.04	-122.69	-122.68	-126.85	-129.02
	1.000k	2.000k	3.000k	4.000k	5.000k	6.000k	7.000k	8.000k	9.000k	10.00k
Ch2	-0.00	-83.25	-84.06	-117.92	-119.65	-119.08	-125.47	-121.30	-125.19	-130.93

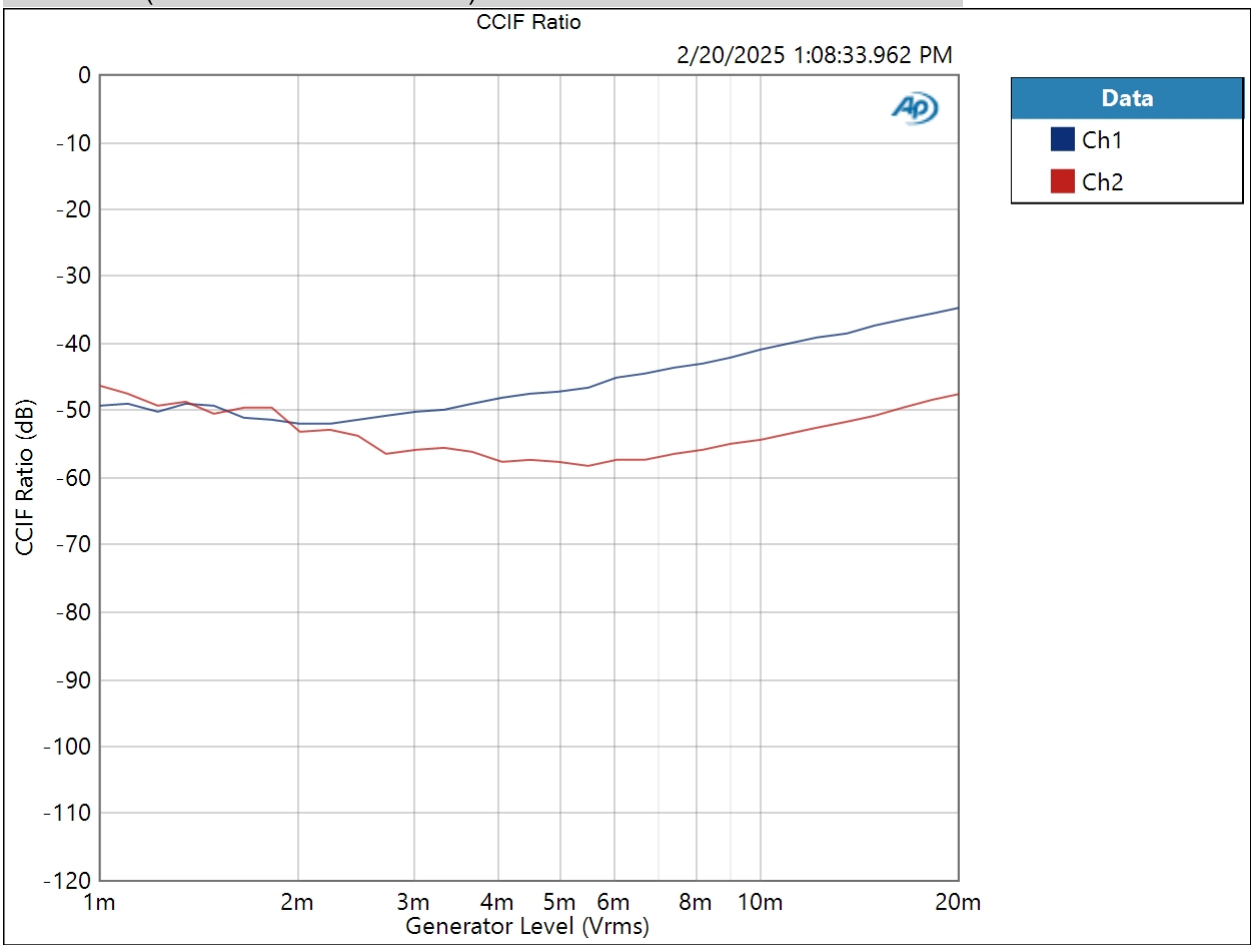
Distortion Product Ratio Parameters

Frequency Unit:	Hz
Ratio Unit:	dB
Channel:	Ch1

60dB : 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:	20.00 mVrms
Step Type:	Logarithmic
Number of Points:	31
Mode:	d2+d3
Measured 1	2/20/2025 1:08:33 PM

CCIF Ratio (2/20/2025 1:08:33.962 PM)

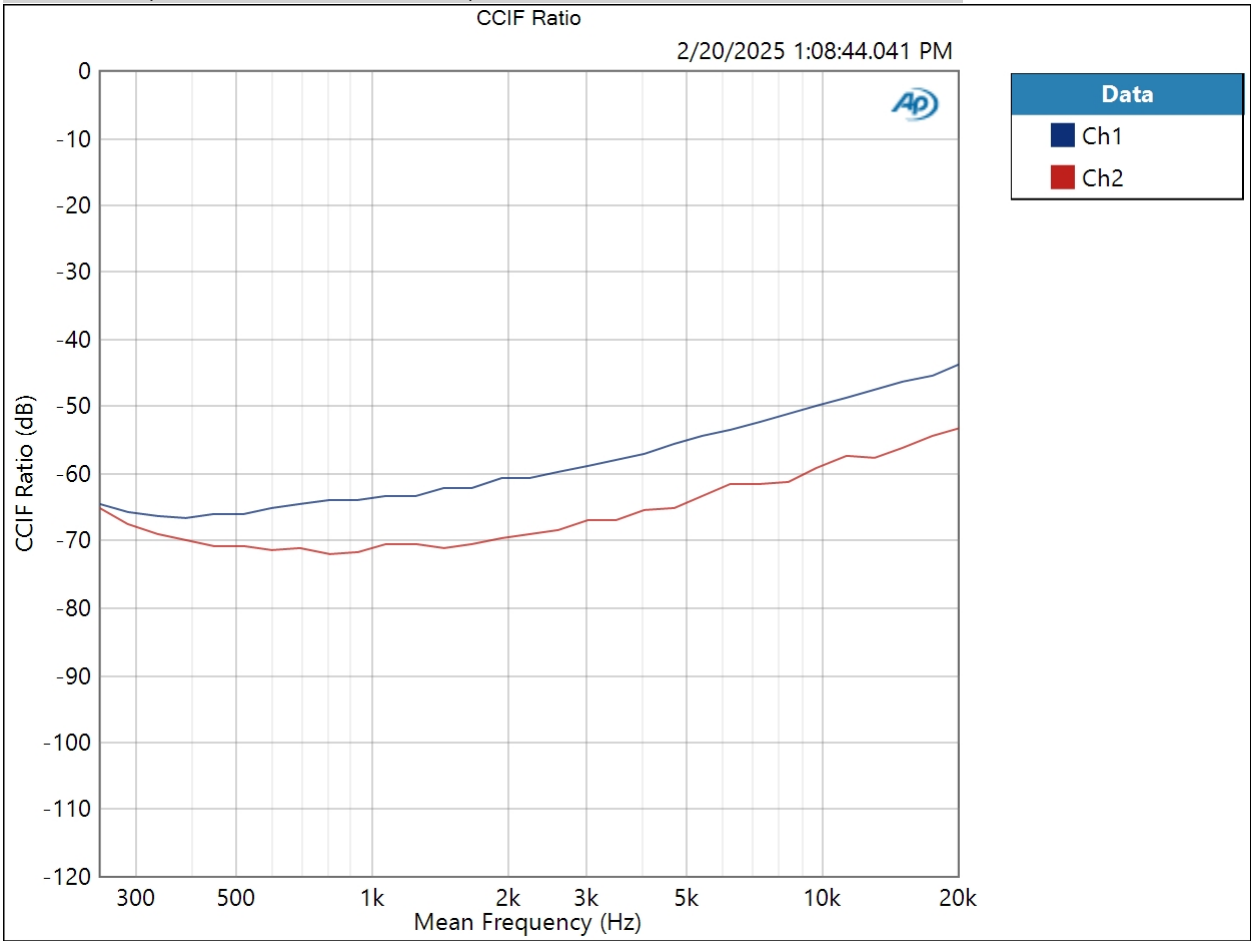


Result: PASSED

60dB : IMD Frequency Sweep (CCIF)

Generator Level:	4.500 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	2/20/2025 1:08:44 PM

CCIF Ratio (2/20/2025 1:08:44.041 PM)



Result: PASSED

60dB : Crosstalk, One Channel Undriven

Waveform:	Sine
Generator Level:	4.500 mVrms
DC Offset:	0.000 V
Frequency:	10.0000 kHz

Crosstalk (2/20/2025 1:08:49.217 PM)

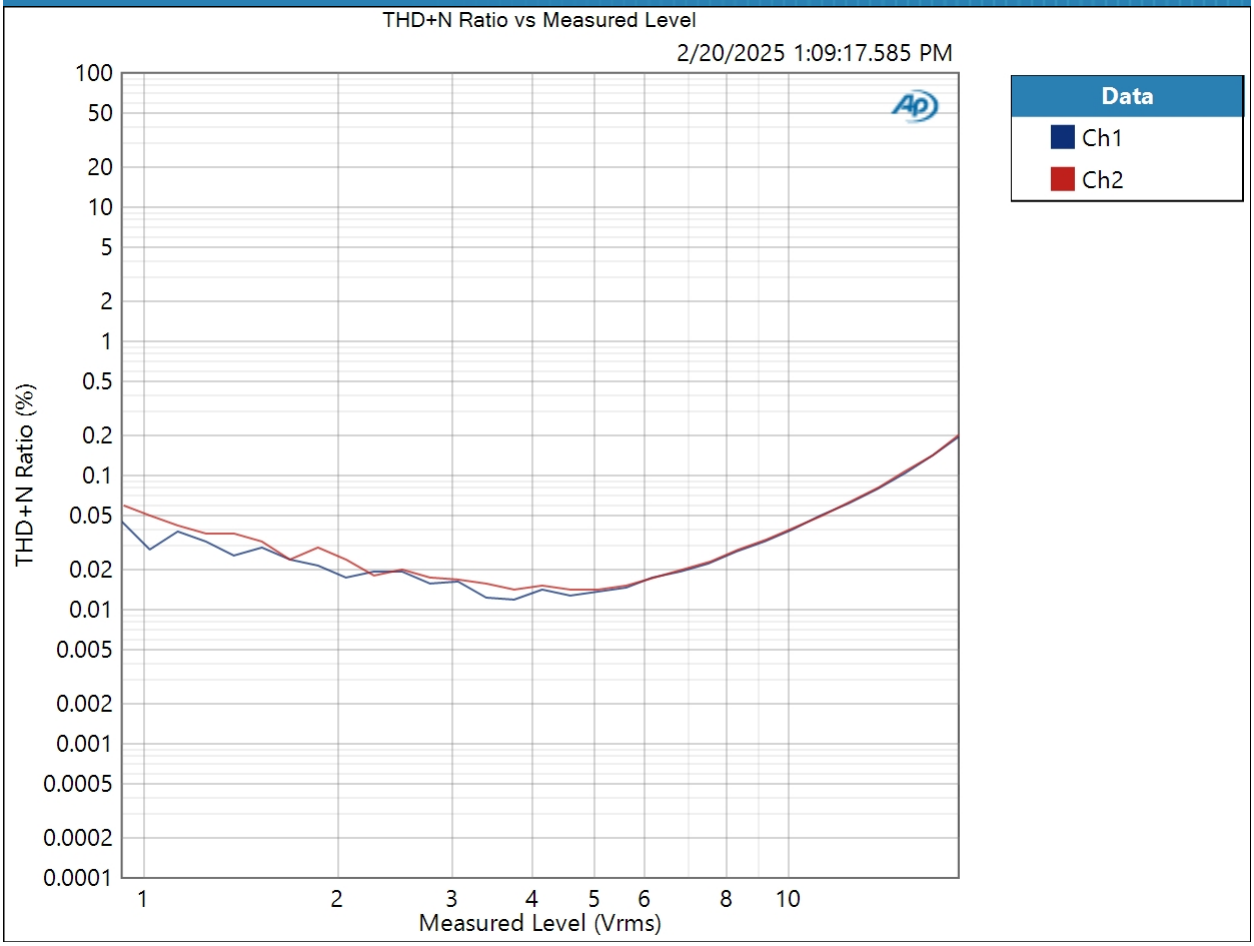
Ch1 -101.130 dB

Ch2 -100.669 dB

60dB : Stepped Level Sweep

Waveform:	Sine
Frequency:	1.00000 kHz
Start Level:	1.000 mVrms
Stop Level:	20.00 mVrms
Step Type:	Logarithmic
Number of Points:	31
Offset:	0.000 V
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	2/20/2025 1:09:17 PM

THD+N Ratio vs Measured Level (2/20/2025 1:09:17.585 PM)



Result: PASSED

70dB : Signal Path Setup

Output Connector:	Analog Unbalanced
Channels:	2
Source Impedance:	20 ohm
Auto Range:	Enabled
Output EQ:	None
Input 1:	Analog Balanced
Measure:	Auto
Channels:	Auto (2 Channels)
Ch1	Data from Ch1, Sensitivity = 0.00 dB, Gain = 0.00 dB
Ch2	Data from Ch2, Sensitivity = 0.00 dB, Gain = 0.00 dB
Input Bandwidth:	AC (<10 Hz) - 20 kHz (44.1 kHz SR)
Input EQ:	None
Termination:	200 kohm
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.

70dB : Verify Connections

Waveform:	Sine
Generator Level:	1.250 mVrms
DC Offset:	0.000 V
Frequency:	1.00000 kHz

Gain (2/20/2025 1:11:03.272 PM)

Ch1 70.670 dB
Ch2 70.706 dB

70dB : Level and Gain

Waveform:	Sine
Generator Level:	1.250 mVrms
DC Offset:	0.000 V
Frequency:	1.00000 kHz
Low-pass Filter:	Signal Path

RMS Level (2/20/2025 1:11:04.864 PM)

Ch1 4.270 Vrms
Ch2 4.288 Vrms

70dB : 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 (2/20/2025 1:11:06.048 PM)

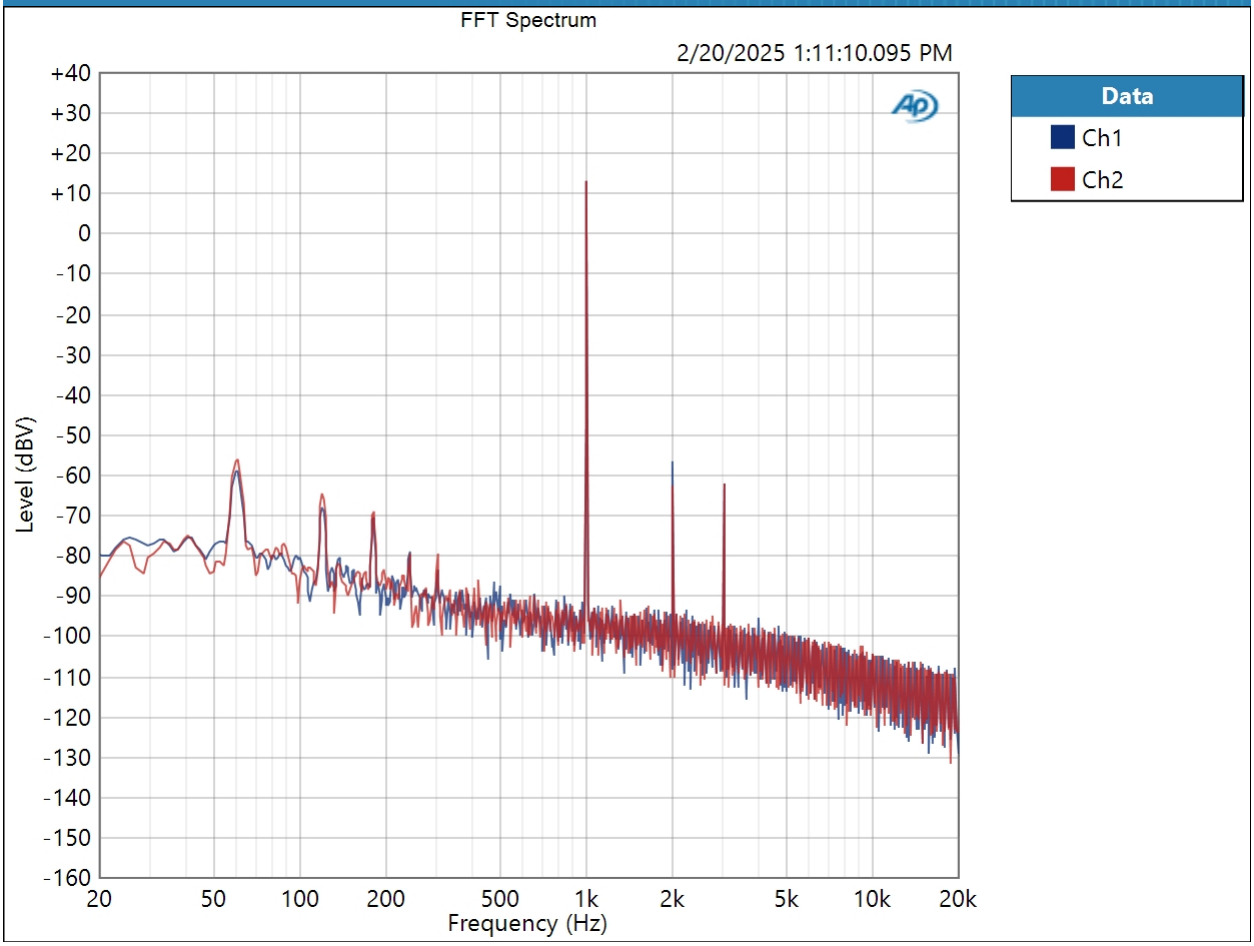
Ch1 28.34 mV
Ch2 12.69 mV

70dB : Signal Analyzer

Waveform:	Sine
Generator Level:	1.250 mVrms
DC Offset:	0.000 V
Frequency:	1.00000 kHz
Secondary Source:	None
Measured 1	2/20/2025 1:11:10 PM
Acquisition Type:	Auto
Trigger:	Free Run
Delay Time:	250.0 ms
Input Bandwidth:	Use Signal Path
FFT Length:	32768
Averaging:	Power
Averages:	3
Window:	AP-Equiripple
Record Acquisition:	False
Recording Type:	Multiple Mono PCM (.wav)

FFT Spectrum (2/20/2025 1:11:10.095 PM)

Schiit APx Report for Skoll F

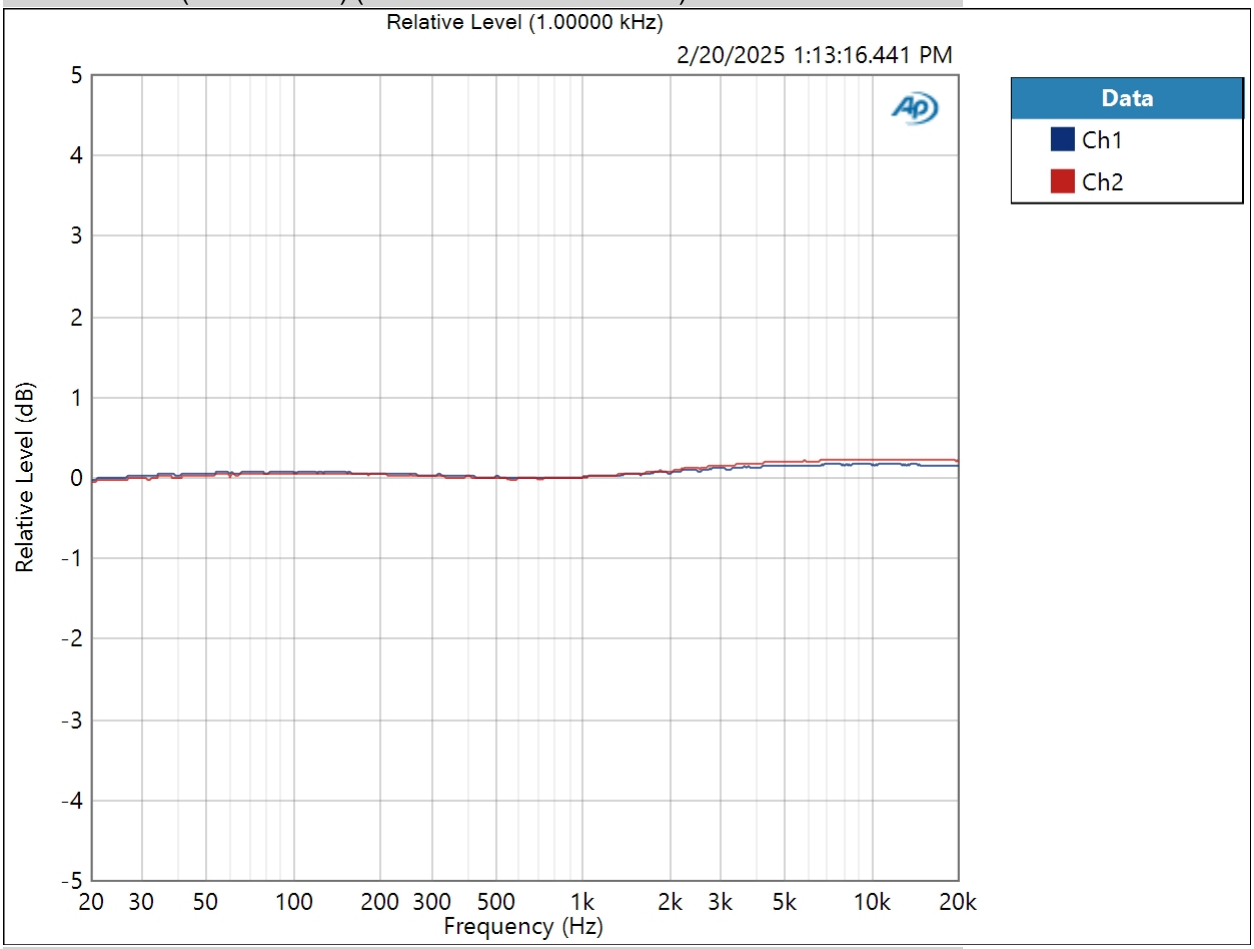


Result: PASSED

70dB : Frequency Response

Start Frequency:	20.0000 Hz
Stop Frequency:	20.0000 kHz
Generator Level:	1.250 mVrms
DC Offset:	0.000 V
EQ:	Relative
Pre-Sweep:	100.0 ms
Sweep:	2.000 s
Extend Acquisition By:	3.000 s
Secondary Source:	None
Measured 1	2/20/2025 1:13:16 PM

Relative Level (1.00000 kHz) (2/20/2025 1:13:16.441 PM)



Relative Level (1.00000 kHz) Parameters

Mode: Normalized at Reference

Ref Frequency: 1.00000 kHz

Result: PASSED

Deviation (20.0000 Hz - 20.0000 kHz) (2/20/2025 1:13:16.441 PM)

Ch1 ±0.096 dB

Ch2 ±0.139 dB

Deviation (20.0000 Hz - 20.0000 kHz) Parameters

Min: 20.0000 Hz

Max: 20.0000 kHz

70dB : Signal to Noise Ratio

Waveform:	Sine
Generator Level:	1.250 mVrms
DC Offset:	0.000 V
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 (2/20/2025 1:11:18.913 PM)

Ch1 79.018 dB

Ch2 78.628 dB

70dB : THD+N

Waveform:	Sine
Generator Level:	1.250 mVrms
DC Offset:	0.000 V
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.
Notch Tuning Mode:	Measured Frequency

THD+N Ratio (2/20/2025 1:11:20.705 PM)

Ch1 0.042522 %

Ch2 0.030045 %

THD Ratio (2/20/2025 1:11:20.705 PM)

Ch1 0.041273 %

Ch2 0.027819 %

Noise Ratio (2/20/2025 1:11:20.705 PM)

Ch1 0.009955 %

Ch2 0.010120 %

Distortion Product Ratio (2/20/2025 1:11:20.705 PM)

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	-68.96	-73.64	-107.74	-106.40	-109.29	-114.13	-112.31	-119.22	-113.74
	1.000k	2.000k	3.000k	4.000k	5.000k	6.000k	7.000k	8.000k	9.000k	10.00k
Ch2	-0.00	-74.97	-73.42	-106.57	-106.13	-106.20	-113.24	-114.82	-117.79	-111.77

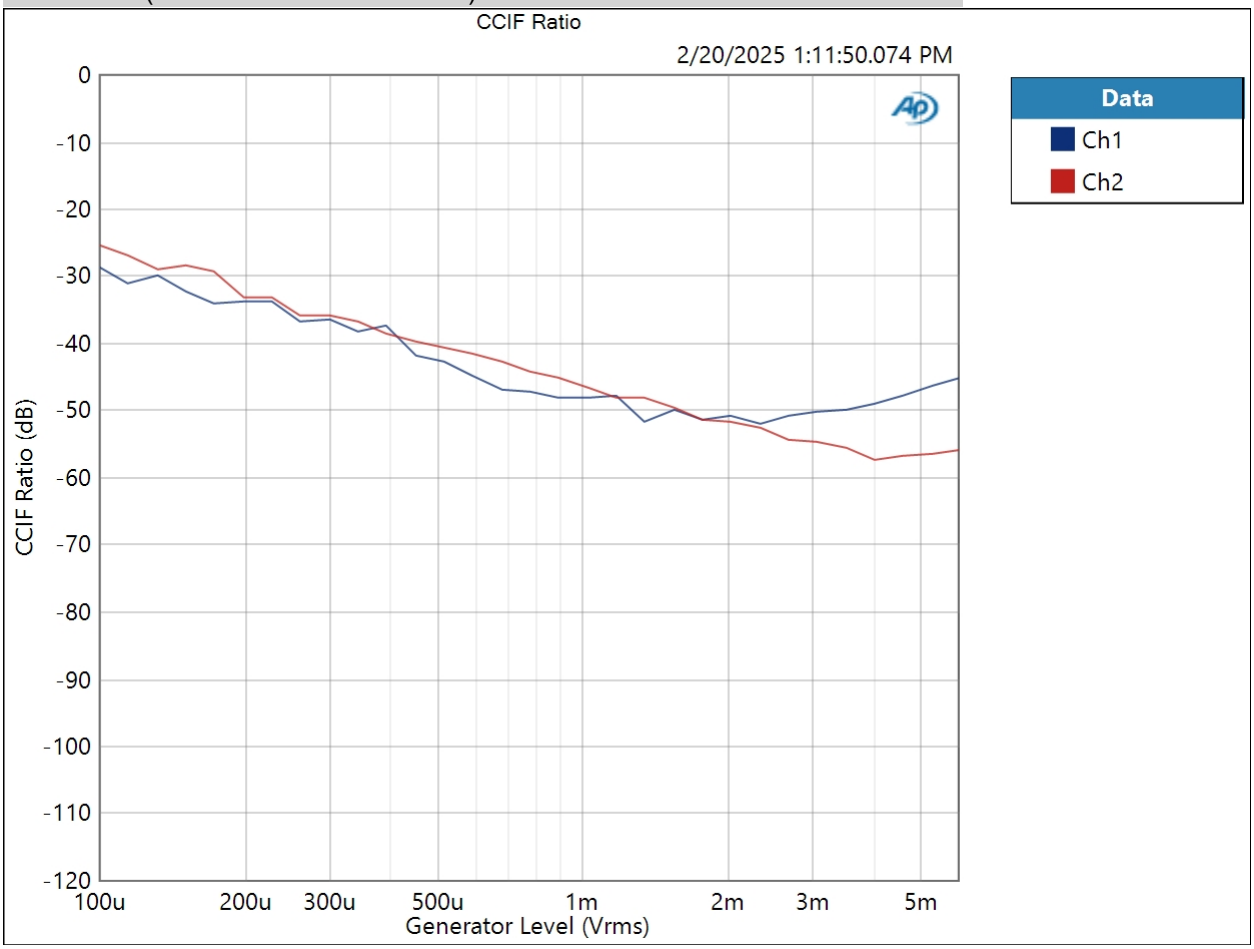
Distortion Product Ratio Parameters

Frequency Unit:	Hz
Ratio Unit:	dB
Channel:	Ch1

70dB : IMD Level Sweep (CCIF)

IMD Type:	CCIF
Mean Frequency:	12.5000 kHz
Diff Frequency:	80.0000 Hz
IMD Split:	False
Start Level:	100.0 uVrms
Stop Level:	6.000 mVrms
Step Type:	Logarithmic
Number of Points:	31
Mode:	d2+d3
Measured 1	2/20/2025 1:11:50 PM

CCIF Ratio (2/20/2025 1:11:50.074 PM)

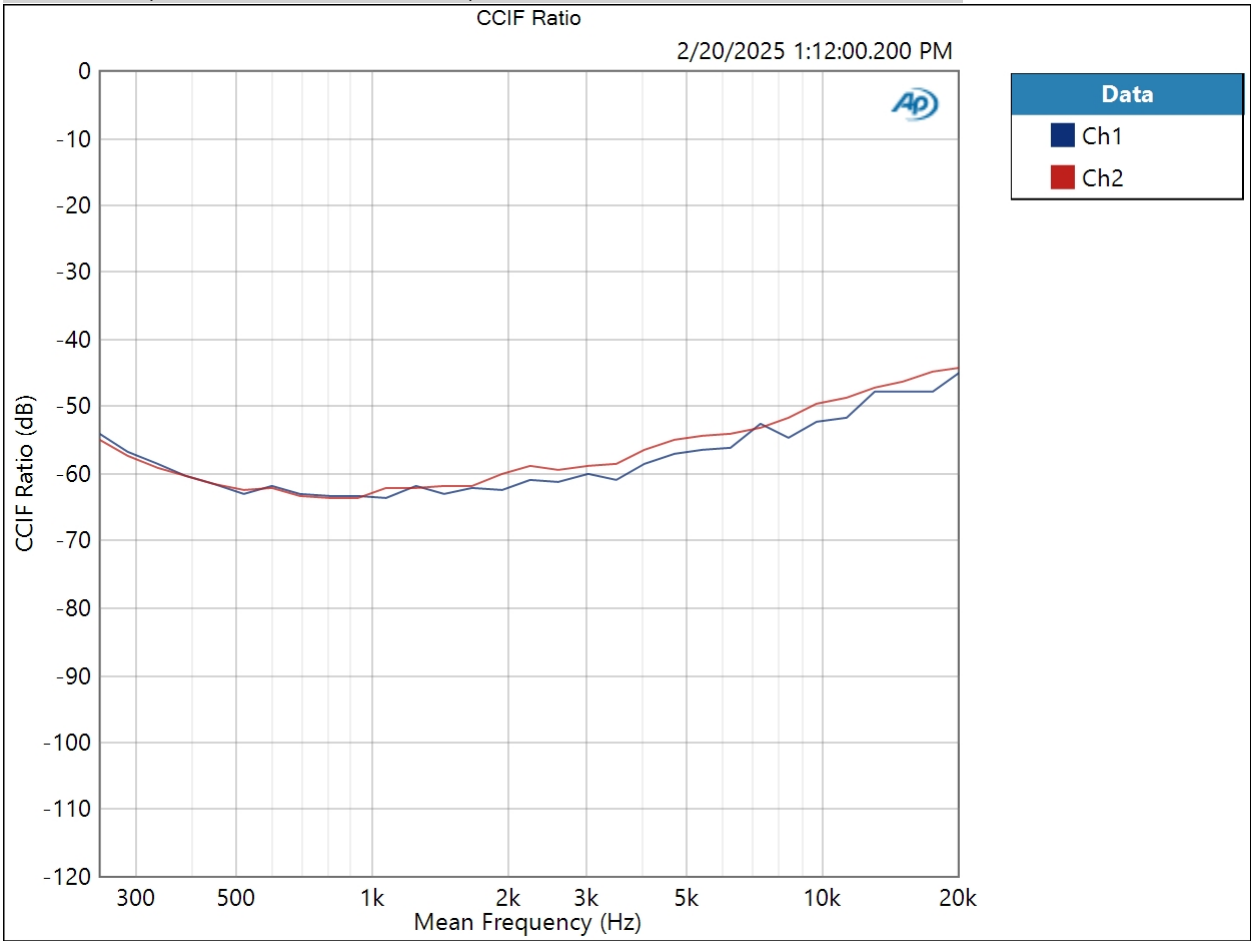


Result: PASSED

70dB : IMD Frequency Sweep (CCIF)

Generator Level:	1.250 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	2/20/2025 1:12:00 PM

CCIF Ratio (2/20/2025 1:12:00.200 PM)



Result: PASSED

70dB : Crosstalk, One Channel Undriven

Waveform:	Sine
Generator Level:	1.250 mVrms
DC Offset:	0.000 V
Frequency:	10.0000 kHz

Crosstalk (2/20/2025 1:12:05.389 PM)

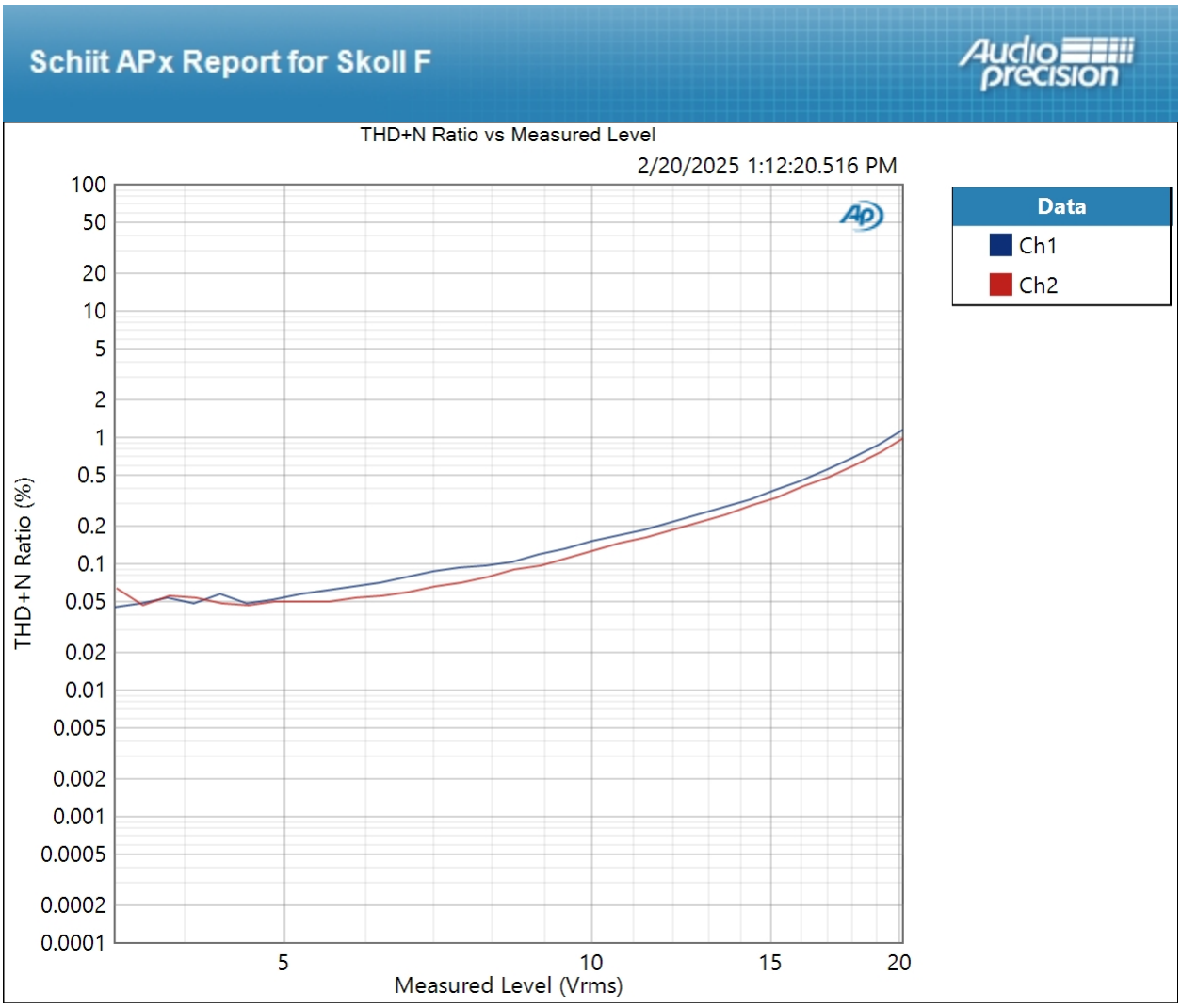
Ch1 -91.056 dB

Ch2 -90.089 dB

70dB : Stepped Level Sweep

Waveform:	Sine
Frequency:	1.00000 kHz
Start Level:	1.000 mVrms
Stop Level:	6.000 mVrms
Step Type:	Logarithmic
Number of Points:	31
Offset:	0.000 V
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	2/20/2025 1:12:20 PM

THD+N Ratio vs Measured Level (2/20/2025 1:12:20.516 PM)



Result: PASSED

RIAA and LF Filter : Signal Path Setup

Output Connector:	Analog Unbalanced
Channels:	2
Source Impedance:	20 ohm
Auto Range:	Enabled
Output EQ:	None
Input 1:	Analog Balanced
Measure:	Auto
Channels:	Auto (2 Channels)
Ch1	Data from Ch1, Sensitivity = 0.00 dB, Gain = 0.00 dB
Ch2	Data from Ch2, Sensitivity = 0.00 dB, Gain = 0.00 dB
Input Bandwidth:	AC (<10 Hz) - 20 kHz (44.1 kHz SR)
Input EQ:	None
Termination:	200 kohm
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.

RIAA and LF Filter : Verify Connections

Waveform:	Sine
Generator Level:	12.00 mVrms
DC Offset:	0.000 V
Frequency:	1.00000 kHz

Gain (2/20/2025 1:14:21.523 PM)

Ch1 40.695 dB
Ch2 40.721 dB

RIAA and LF Filter : Level and Gain

Waveform:	Sine
Generator Level:	38.00 mVrms
DC Offset:	0.000 V
Frequency:	1.00000 kHz
Low-pass Filter:	Signal Path

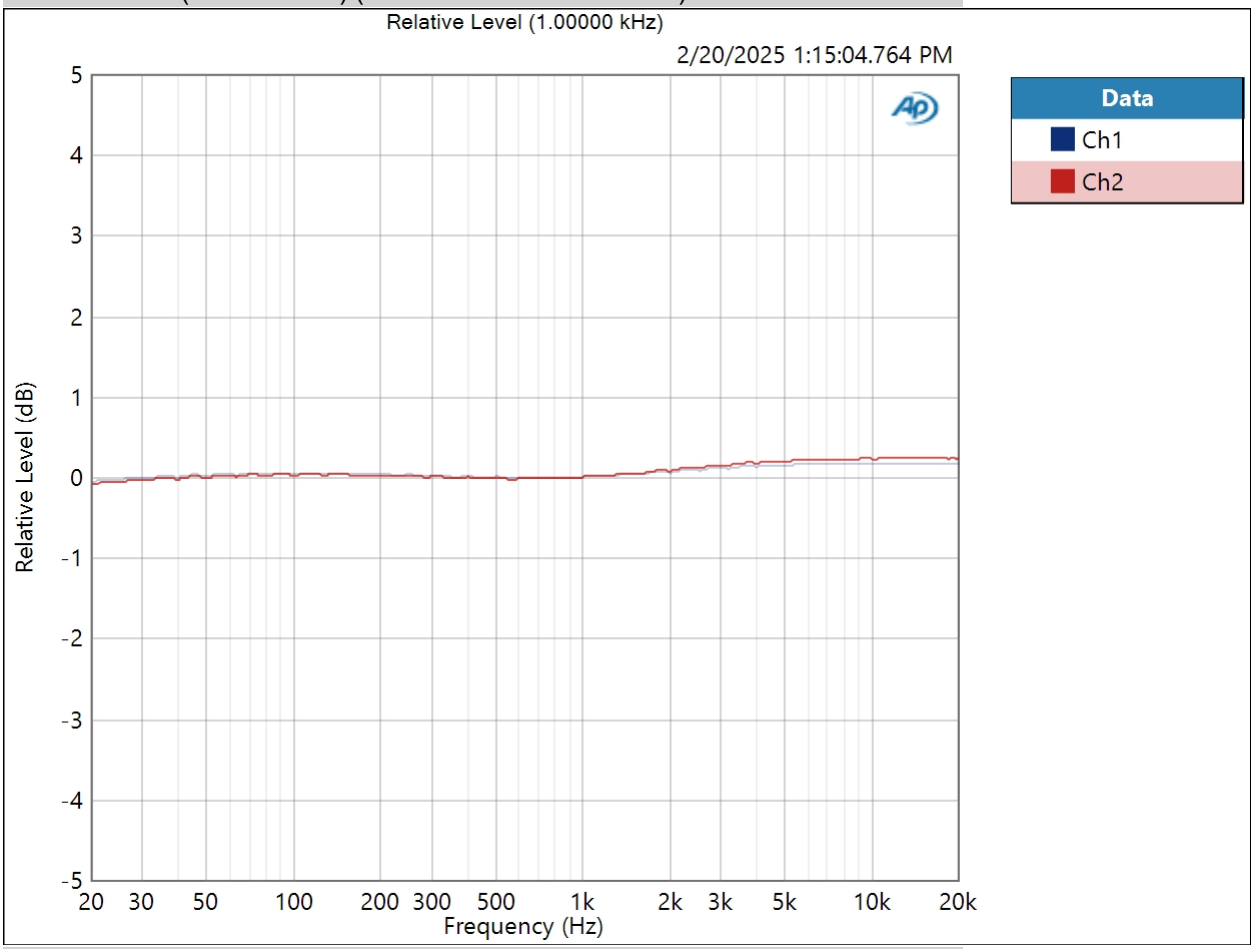
RMS Level (2/20/2025 1:14:23.639 PM)

Ch1 4.118 Vrms
Ch2 4.129 Vrms

RIAA and LF Filter : RIAA Accuracy

Start Frequency:	20.0000 Hz
Stop Frequency:	20.0000 kHz
Generator Level:	40.00 mVrms
DC Offset:	0.000 V
EQ:	Relative
Pre-Sweep:	100.0 ms
Sweep:	1.000 s
Extend Acquisition By:	3.000 s
Secondary Source:	None
Measured 1	2/20/2025 1:15:04 PM

Relative Level (1.00000 kHz) (2/20/2025 1:15:04.764 PM)



Relative Level (1.00000 kHz) Parameters

Mode:	Normalized at Reference

Ref Frequency: 1.00000 kHz

Result: PASSED

Deviation (20.0000 Hz - 20.0000 kHz) (2/20/2025 1:15:04.764 PM)

Ch1 ±0.113 dB

Ch2 ±0.159 dB

Deviation (20.0000 Hz - 20.0000 kHz) Parameters

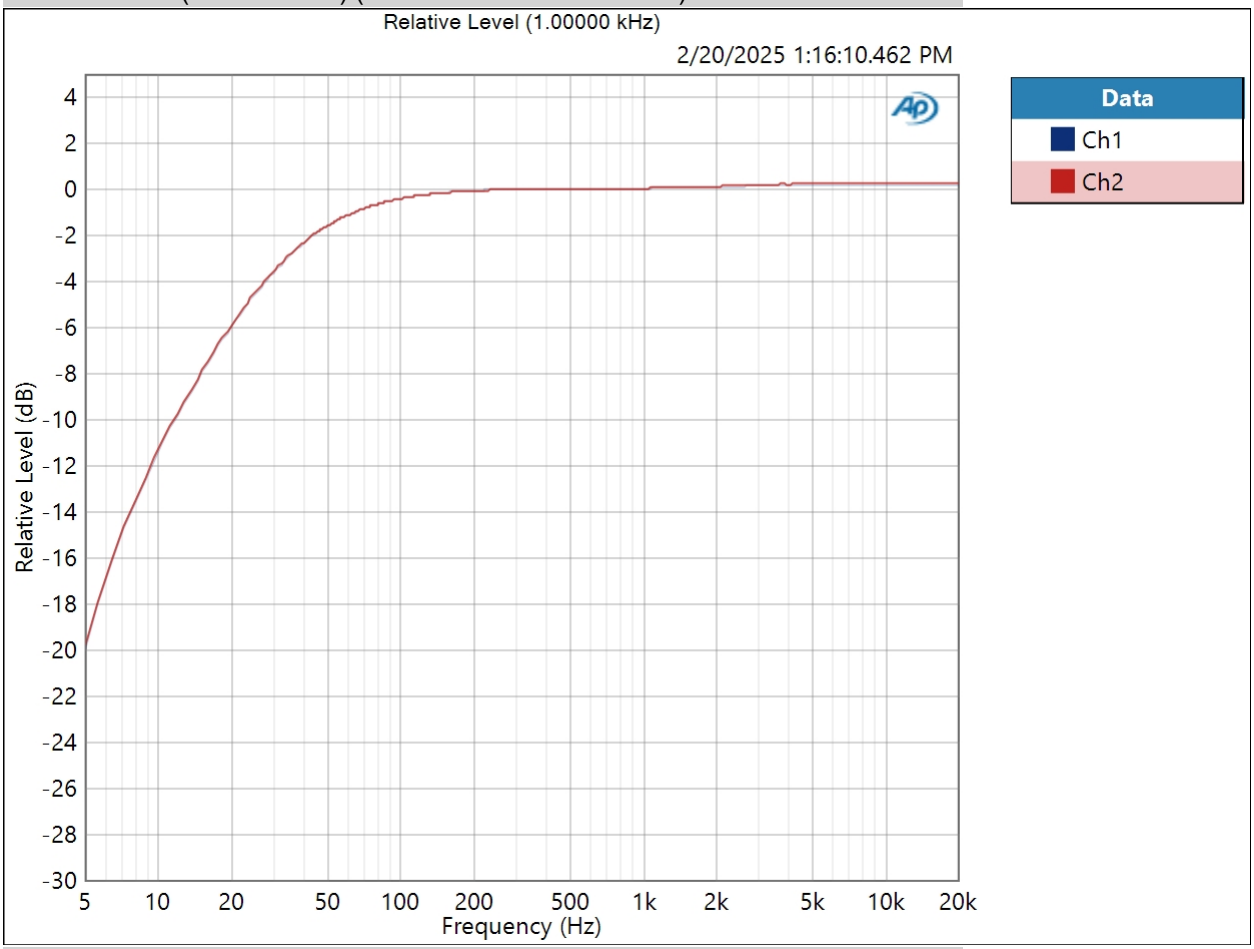
Min: 20.0000 Hz

Max: 20.0000 kHz

RIAA and LF Filter : LF Filter

Start Frequency:	5.00000 Hz
Stop Frequency:	20.0000 kHz
Generator Level:	38.00 mVrms
DC Offset:	0.000 V
EQ:	Relative
Pre-Sweep:	100.0 ms
Sweep:	350.0 ms
Extend Acquisition By:	2.000 s
Secondary Source:	None
Measured 1	2/20/2025 1:16:10 PM

Relative Level (1.00000 kHz) (2/20/2025 1:16:10.462 PM)



Relative Level (1.00000 kHz) Parameters

Mode:	Normalized at Reference

Ref Frequency: 1.00000 kHz

Result: PASSED

Deviation (20.0000 Hz - 20.0000 kHz) (2/20/2025 1:16:10.462 PM)

Ch1 ±3.066 dB

Ch2 ±3.063 dB

Deviation (20.0000 Hz - 20.0000 kHz) Parameters

Min: 20.0000 Hz

Max: 20.0000 kHz