Schiit APx Report for Skoll

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	
RIAA Accuracy	PASSED
LF Filter	PASSED

Sequence Result:

Sequence Result: PASSED

APx Instrument

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

40dB : Signal Path Setup

Output Connector:	Analog Unbalanced
Channels:	2
Generator Mode:	DAC Generator
Source Impedance:	20 ohm, 20 ohm
AG52 Generator Option:	Installed
Auto Range:	Enabled
Output EQ:	None
Input 1:	Analog Balanced
Input Bandwidth:	AC (<10 Hz) - 20 kHz (44.1 kHz SR)
Input EQ:	None
Channels:	2
Termination:	200 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

40dB : Verify Connections

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

Gain (10/6/2023 11:49:26.191 AM)

Ch1 36.772 dB
Ch2 36.653 dB

40dB : Level and Gain

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

RMS Level (10/6/2023 11:49:28.963 AM)

Ch1 4.075 Vrms
Ch2 4.080 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

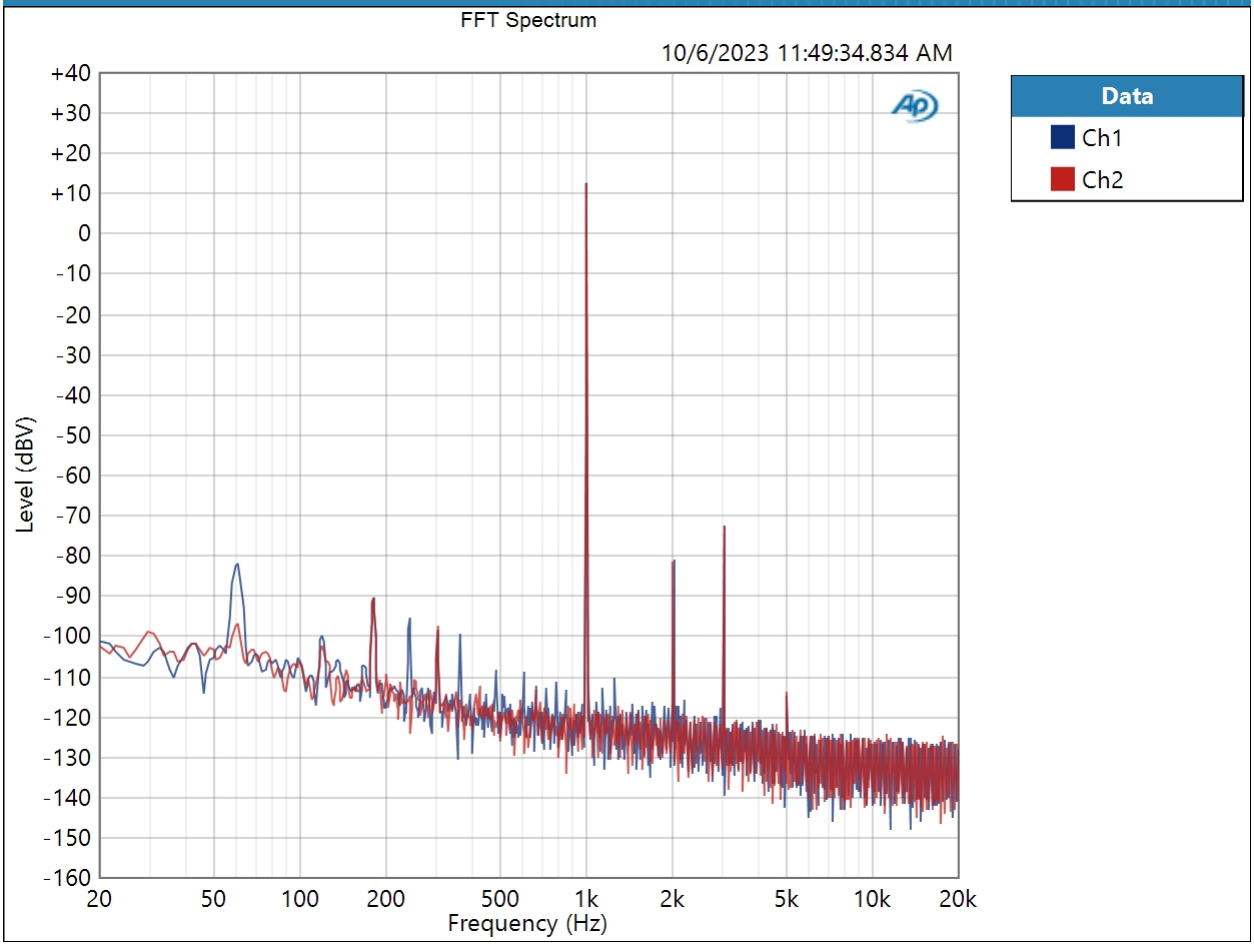
DC Level (10/6/2023 12:02:10.709 PM)

Ch1 -59.29 uV
Ch2 14.39 uV

40dB : Signal Analyzer

Waveform:	Sine
Generator Mode:	DAC Generator
Generator Level:	38.00 mVrms
DC Offset:	0.000 V
Frequency:	1.00000 kHz
Secondary Source:	None
Measured 1	10/6/2023 11:49:34 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 (10/6/2023 11:49:34.834 AM)

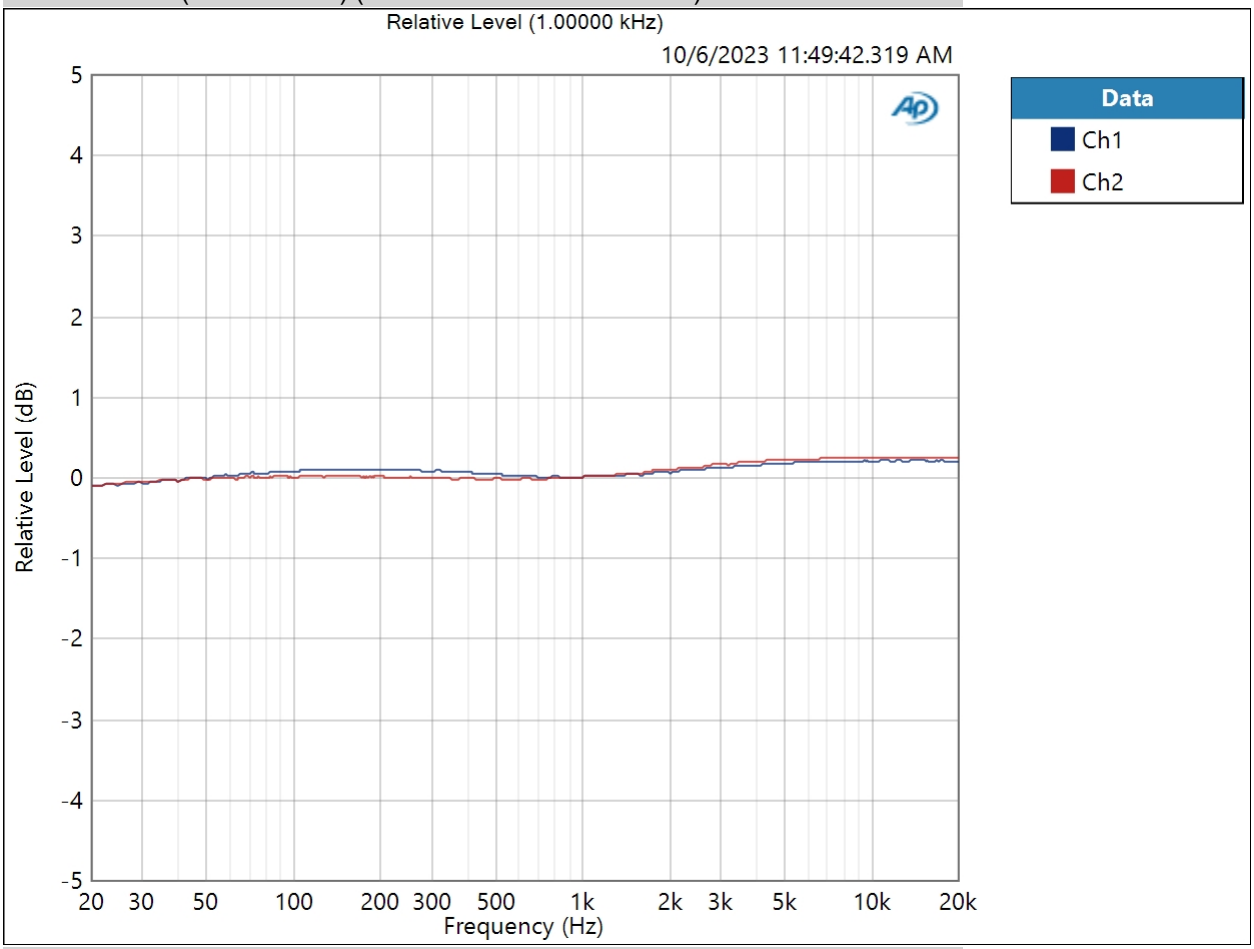


Result: PASSED

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	10/6/2023 11:49:42 AM

Relative Level (1.00000 kHz) (10/6/2023 11:49:42.319 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) (10/6/2023 11:49:42.319 AM)

Ch1 ±0.157 dB

Ch2 ±0.176 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 Mode:	DAC Generator
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 (10/6/2023 11:55:53.173 AM)

Ch1 102.031 dB

Ch2 103.306 dB

40dB : THD+N

Waveform:	Sine
Generator Mode:	DAC Generator
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 (10/6/2023 12:43:43.780 PM)

Ch1 0.007493 %

Ch2 0.006975 %

THD Ratio (10/6/2023 12:43:43.780 PM)

Ch1 0.007468 %

Ch2 0.006937 %

Noise Ratio (10/6/2023 12:43:43.780 PM)

Ch1 0.000691 %

Ch2 0.000620 %

Distortion Product Ratio (10/6/2023 12:43:43.780 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	-89.54	-83.50	-125.69	-125.74	-134.23	-134.04	-135.03	-137.62	-136.35
	1.000k	2.000k	3.000k	4.000k	5.000k	6.000k	7.000k	8.000k	9.000k	10.00k
Ch2	-0.00	-94.21	-83.53	-125.33	-123.48	-134.04	-138.49	-134.92	-136.96	-137.37

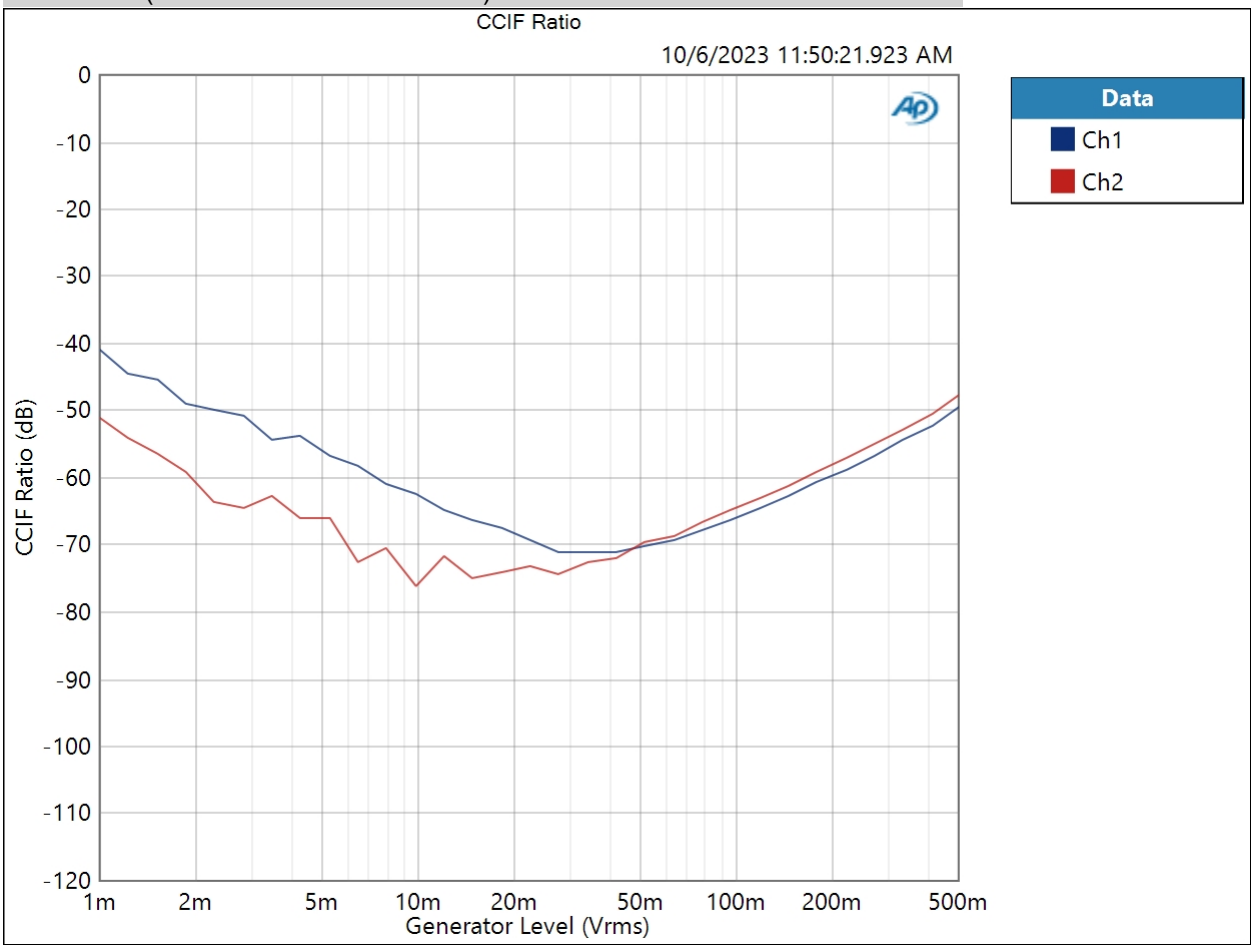
Distortion Product Ratio Parameters

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	10/6/2023 11:50:21 AM

CCIF Ratio (10/6/2023 11:50:21.923 AM)

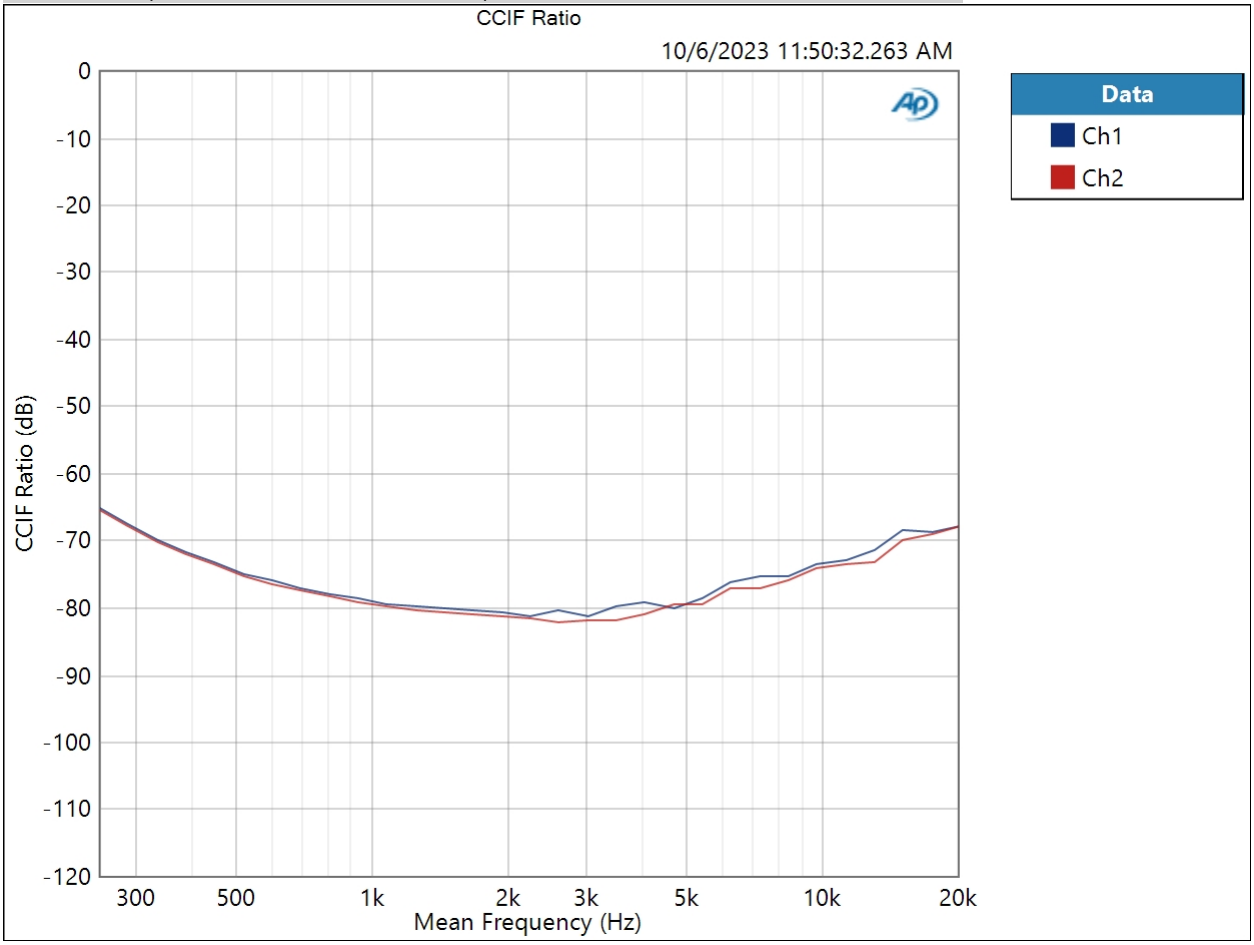


Result: PASSED

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	10/6/2023 11:50:32 AM

CCIF Ratio (10/6/2023 11:50:32.263 AM)



Result: PASSED

40dB : Crosstalk, One Channel Undriven

Waveform:	Sine
Generator Mode:	High Performance Sine Generator
Precision Tune:	Enabled
Generator Level:	38.00 mVrms
Frequency:	10.0000 kHz

Crosstalk (10/6/2023 11:52:59.258 AM)

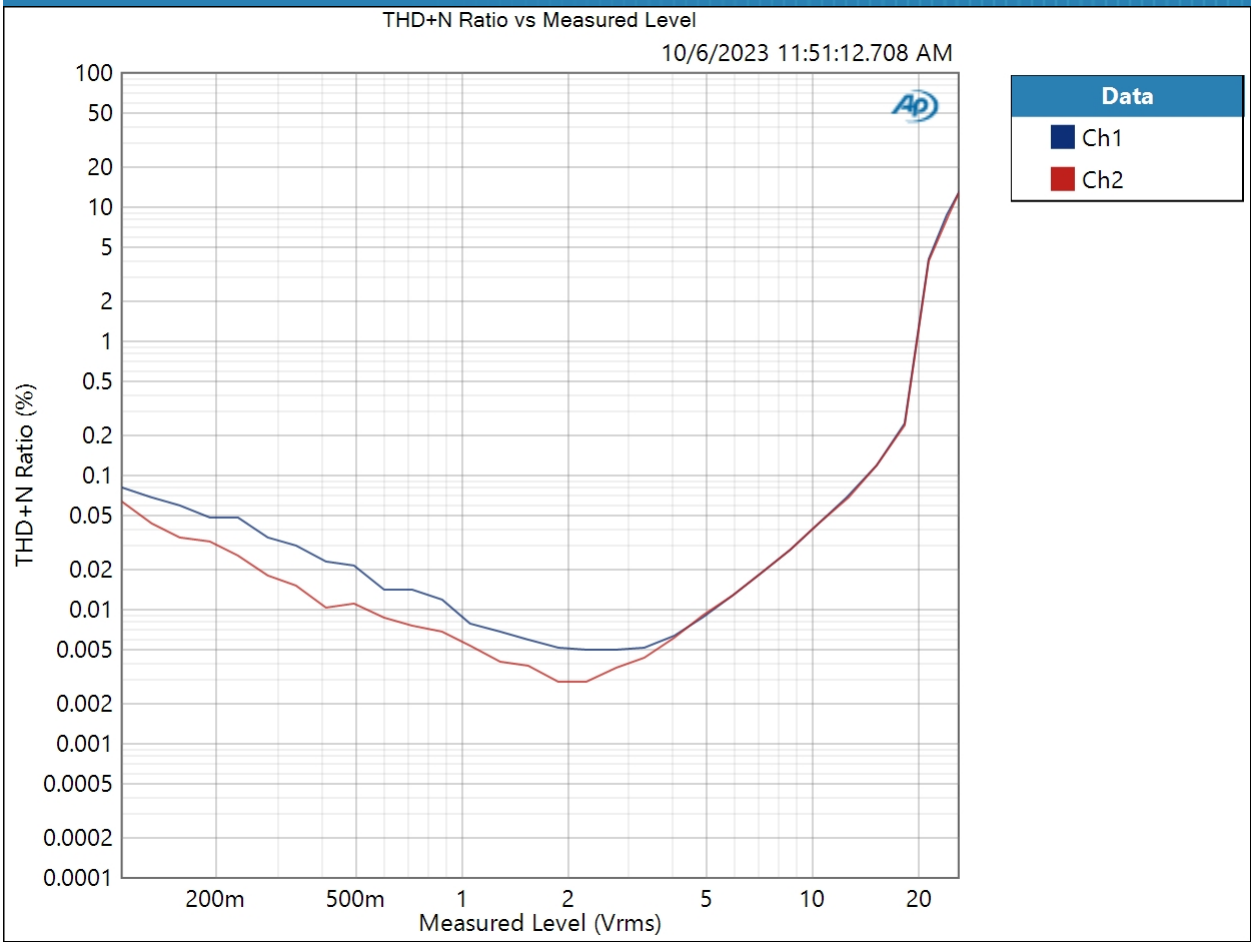
Ch1 -106.819 dB

Ch2 -105.050 dB

40dB : Stepped Level Sweep

Waveform:	Sine
Generator Mode:	DAC Generator
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	10/6/2023 11:51:12 AM

THD+N Ratio vs Measured Level (10/6/2023 11:51:12.708 AM)



Result: PASSED

40dB SE Out : Signal Path Setup

Output Connector:	Analog Unbalanced
Channels:	2
Generator Mode:	DAC Generator
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

40dB SE Out : Verify Connections

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

Gain (10/6/2023 12:34:55.781 PM)

Ch1 29.851 dB
Ch2 29.971 dB

40dB SE Out : Level and Gain

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

RMS Level (10/6/2023 12:34:58.484 PM)

Ch1 1.968 Vrms
Ch2 1.966 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

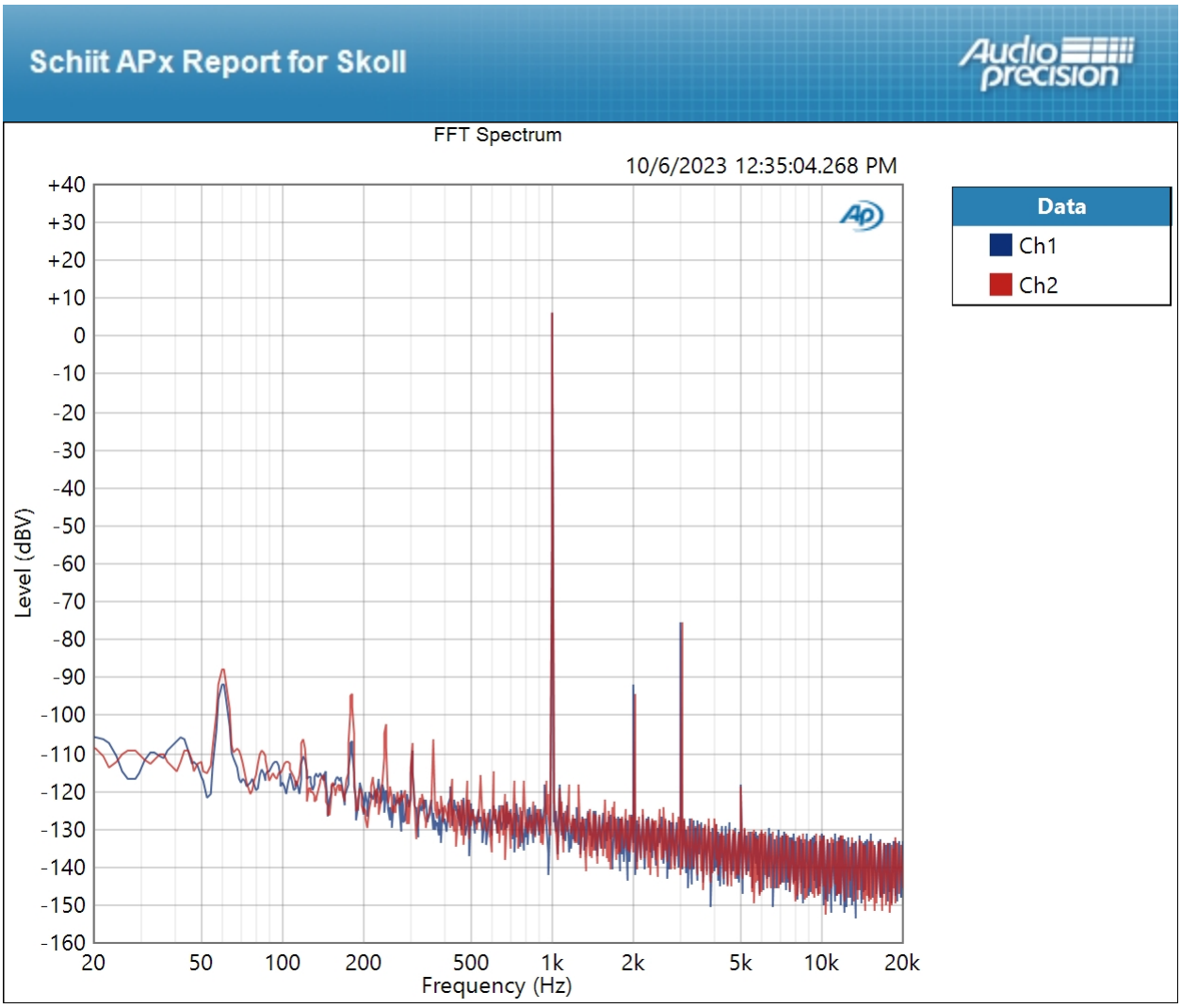
DC Level (10/6/2023 12:38:12.764 PM)

Ch1 7.609 mV
Ch2 -2.360 mV

40dB SE Out : Signal Analyzer

Waveform:	Sine
Generator Mode:	DAC Generator
Generator Level:	40.00 mVrms
DC Offset:	0.000 V
Frequency:	1.00000 kHz
Secondary Source:	None
Measured 1	10/6/2023 12:35:04 PM
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 (10/6/2023 12:35:04.268 PM)

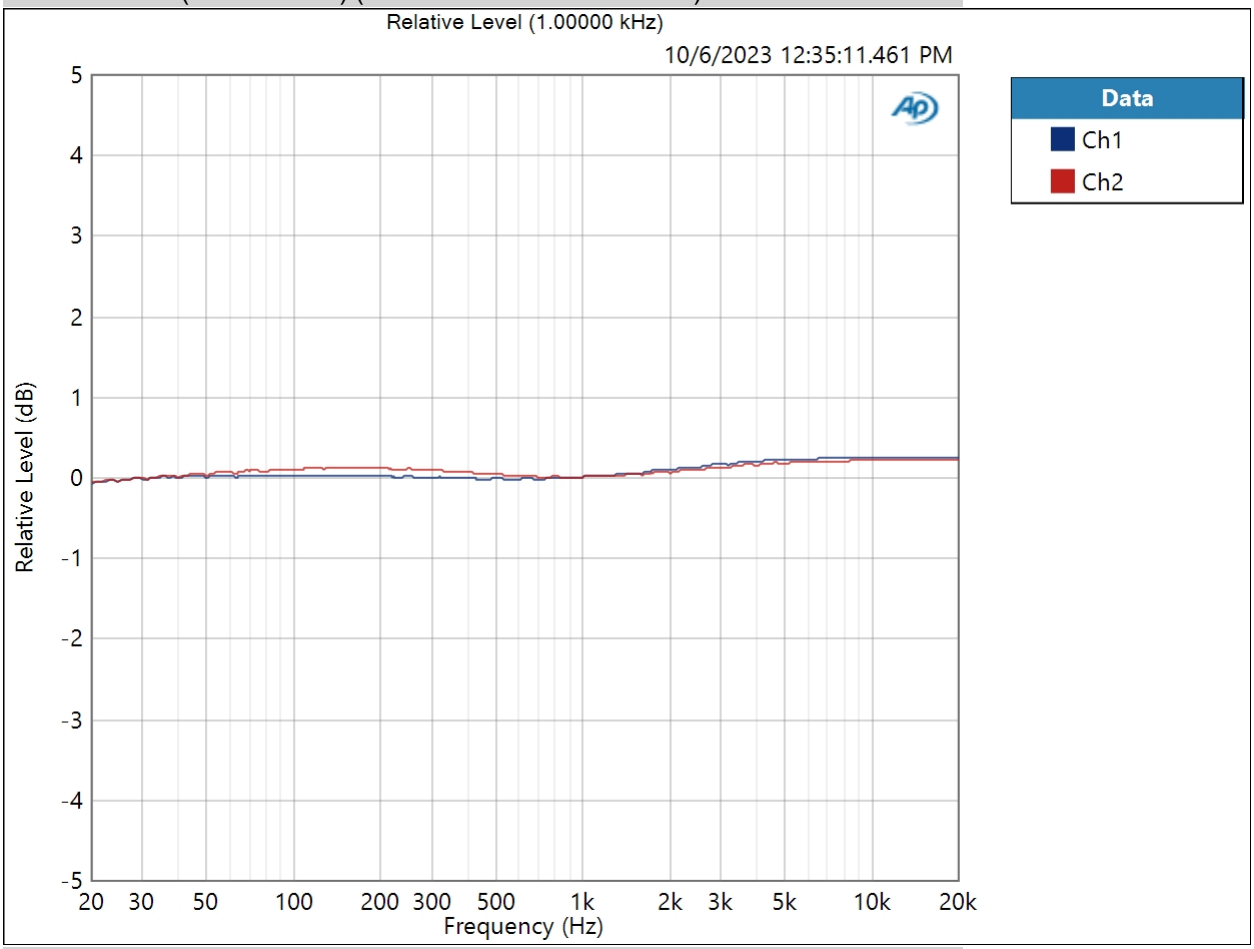


Result: PASSED

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	10/6/2023 12:35:11 PM

Relative Level (1.00000 kHz) (10/6/2023 12:35:11.461 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) (10/6/2023 12:35:11.461 PM)

Ch1 ±0.159 dB

Ch2 ±0.134 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 Mode:	DAC Generator
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 (10/6/2023 12:35:14.112 PM)

Ch1 103.518 dB

Ch2 102.405 dB

40dB SE Out : THD+N

Waveform:	Sine
Generator Mode:	DAC Generator
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 (10/6/2023 12:35:17.016 PM)

Ch1 0.009816 %

Ch2 0.009632 %

THD Ratio (10/6/2023 12:35:17.016 PM)

Ch1 0.009760 %

Ch2 0.009610 %

Noise Ratio (10/6/2023 12:35:17.016 PM)

Ch1 0.000580 %

Ch2 0.000681 %

Distortion Product Ratio (10/6/2023 12:35:17.016 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	-95.59	-80.34	-132.39	-123.50	-133.03	-135.78	-132.33	-136.24	-134.77
	1.000k	2.000k	3.000k	4.000k	5.000k	6.000k	7.000k	8.000k	9.000k	10.00k
Ch2	-0.00	-99.08	-80.40	-129.43	-124.46	-140.30	-137.48	-134.16	-133.91	-140.17

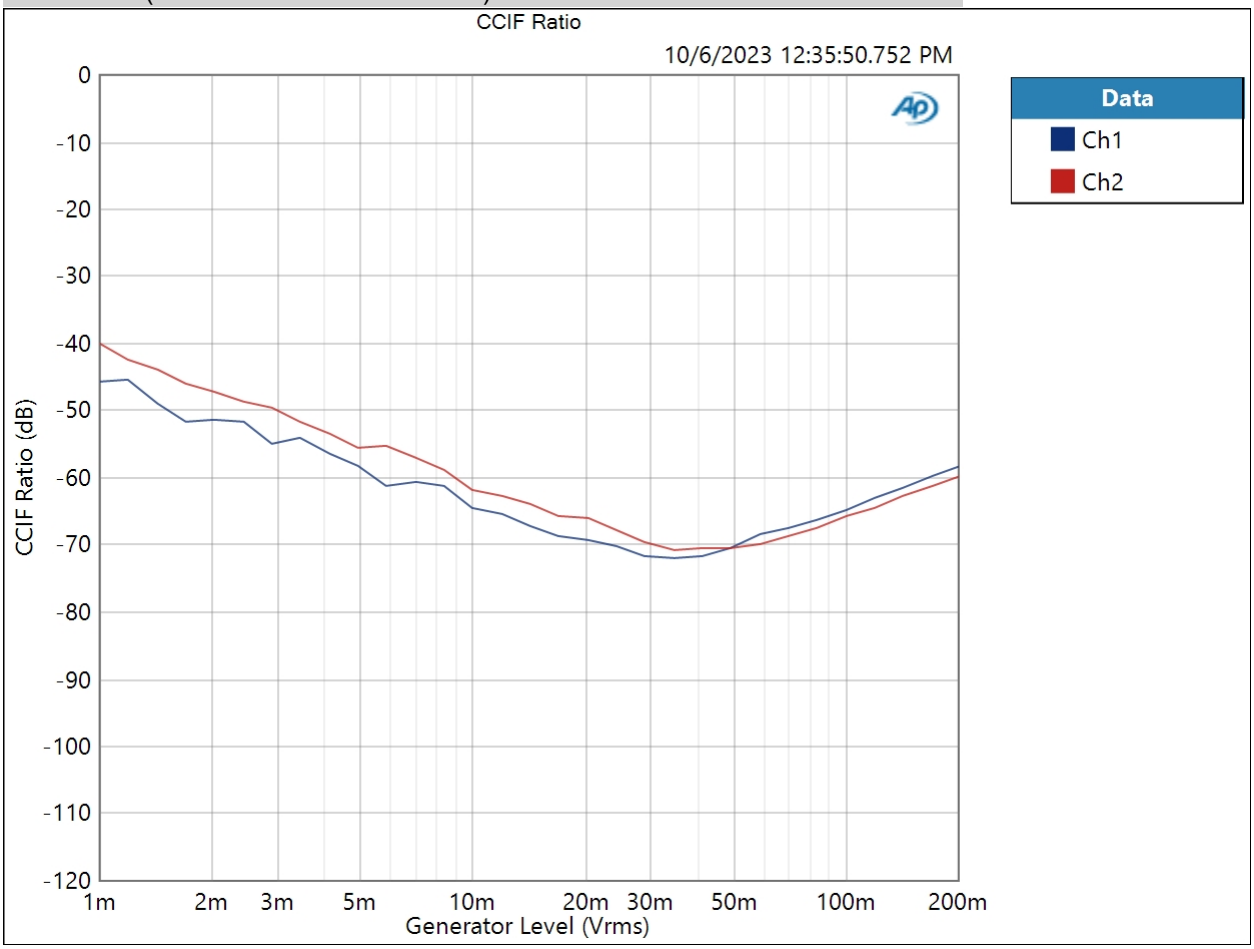
Distortion Product Ratio Parameters

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	10/6/2023 12:35:50 PM

CCIF Ratio (10/6/2023 12:35:50.752 PM)

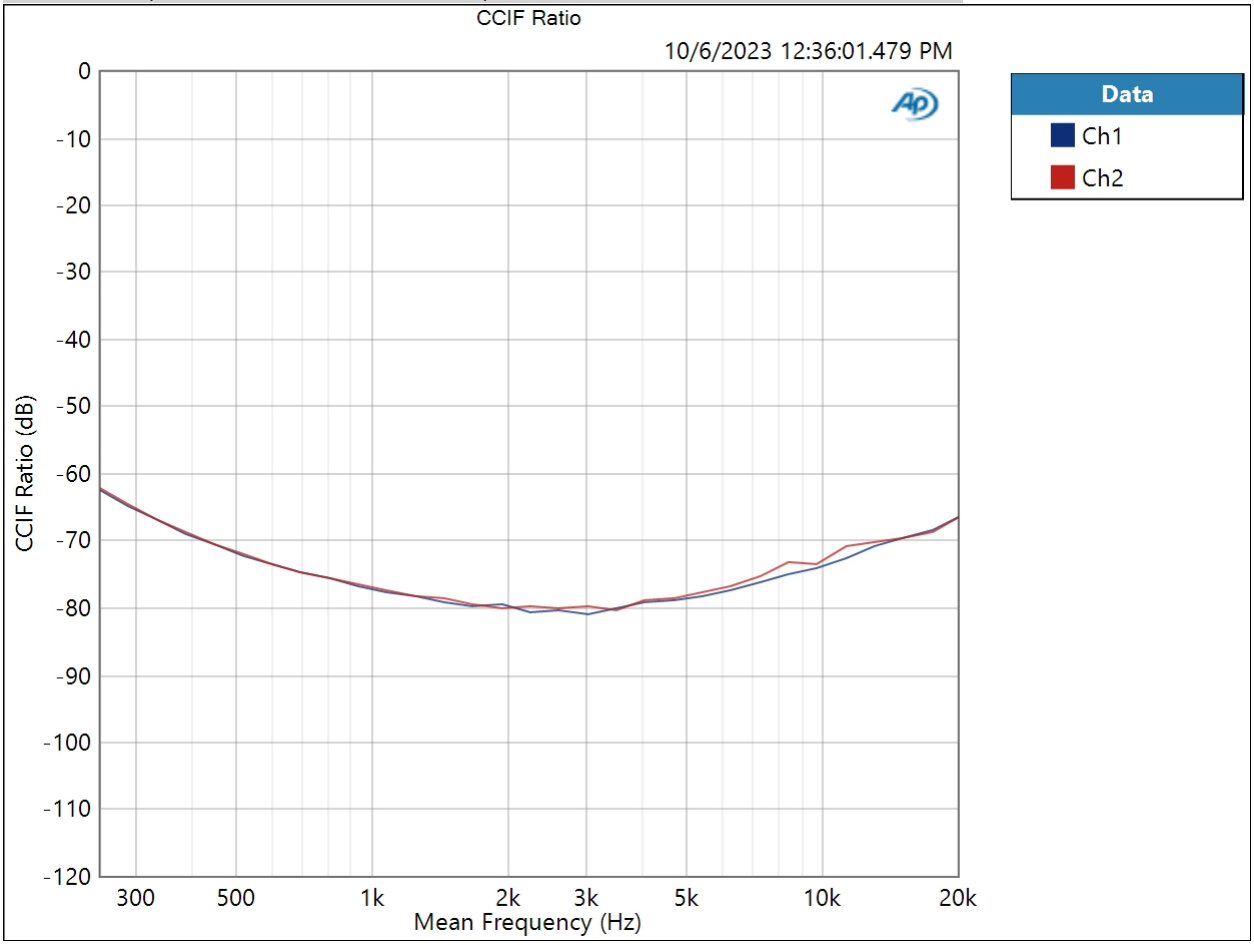


Result: PASSED

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	10/6/2023 12:36:01 PM

CCIF Ratio (10/6/2023 12:36:01.479 PM)



Result: PASSED

40dB SE Out : Crosstalk, One Channel Undriven

Waveform:	Sine
Generator Mode:	High Performance Sine Generator
Precision Tune:	Enabled
Generator Level:	40.00 mVrms
Frequency:	10.0000 kHz

Crosstalk (10/6/2023 12:37:16.446 PM)

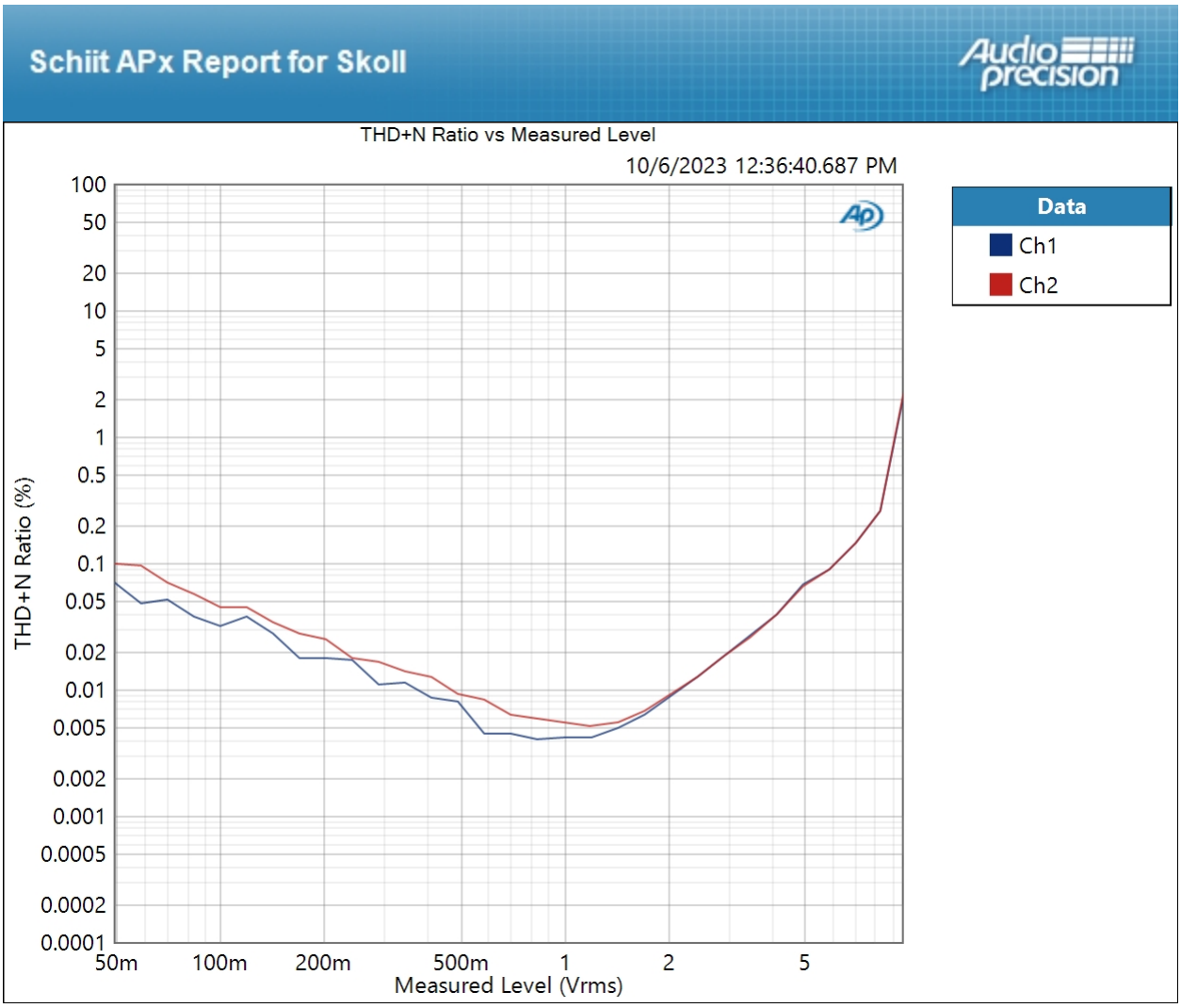
Ch1 -95.758 dB

Ch2 -97.378 dB

40dB SE Out : Stepped Level Sweep

Waveform:	Sine
Generator Mode:	DAC Generator
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	10/6/2023 12:36:40 PM

THD+N Ratio vs Measured Level (10/6/2023 12:36:40.687 PM)



Result: PASSED

40dB Balanced In : Signal Path Setup

Output Connector:	Analog Balanced
Channels:	2
Generator Mode:	DAC Generator
Configuration:	Normal (Differential), Normal (Differential)
Source Impedance:	40 ohm, 40 ohm
Channels Inverted:	None
AG52 Generator Option:	Installed
Auto Range:	Enabled
Output EQ:	None
Input 1:	Analog Balanced
Input Bandwidth:	AC (<10 Hz) - 20 kHz (44.1 kHz SR)
Input EQ:	None
Channels:	2
Termination:	200 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

40dB Balanced In : Verify Connections

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

Gain (10/6/2023 12:39:22.908 PM)

Ch1 36.656 dB
Ch2 36.763 dB

40dB Balanced In : Level and Gain

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

RMS Level (10/6/2023 12:39:25.186 PM)

Ch1 4.073 Vrms
Ch2 4.078 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

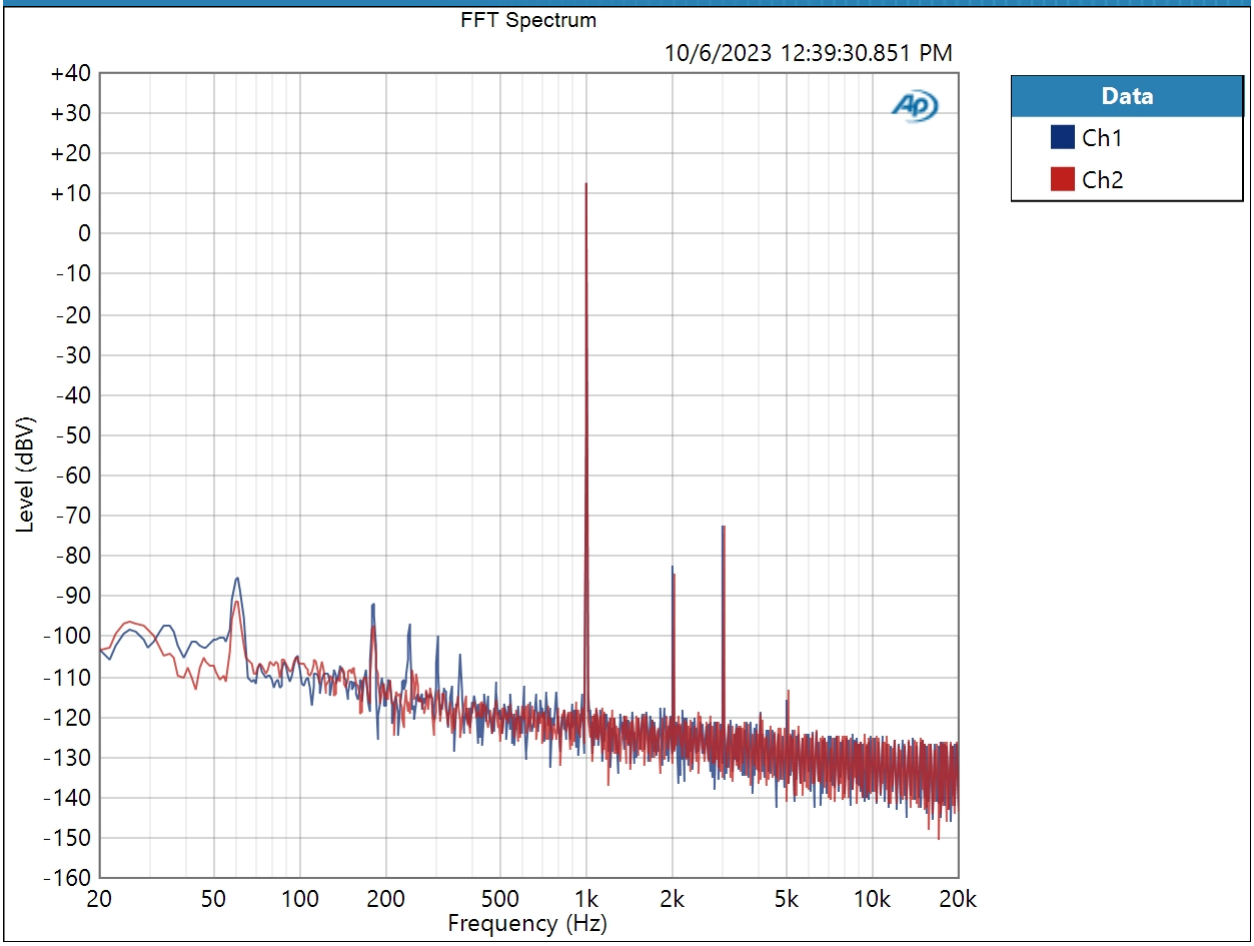
DC Level (10/6/2023 12:42:15.861 PM)

Ch1 -105.1 uV
Ch2 13.65 uV

40dB Balanced In : Signal Analyzer

Waveform:	Sine
Generator Mode:	DAC Generator
Generator Level:	38.00 mVrms
DC Offset:	0.000 V
Frequency:	1.00000 kHz
Secondary Source:	None
Measured 1	10/6/2023 12:39:30 PM
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 (10/6/2023 12:39:30.851 PM)

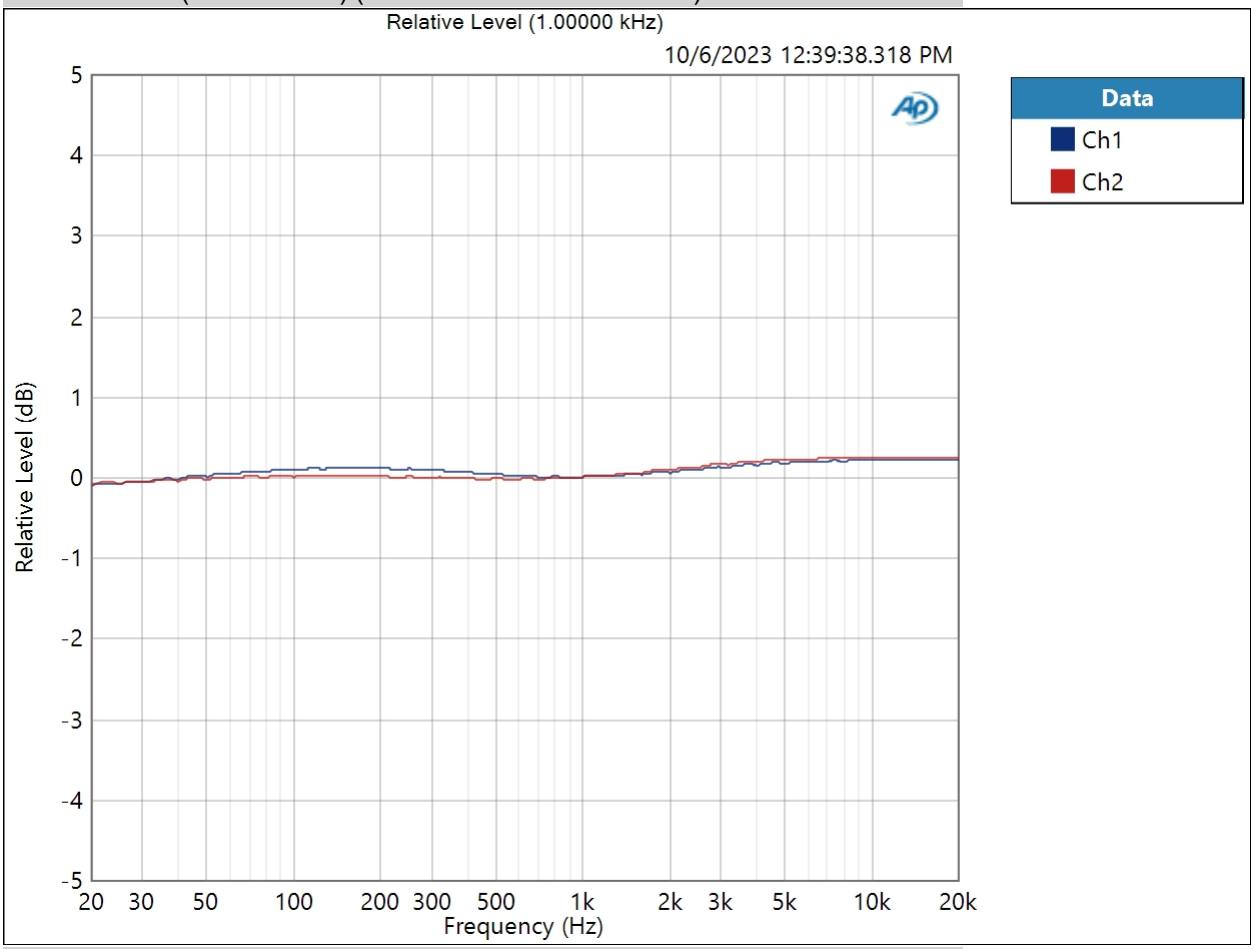


Result: PASSED

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	10/6/2023 12:39:38 PM

Relative Level (1.00000 kHz) (10/6/2023 12:39:38.318 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) (10/6/2023 12:39:38.318 PM)

Ch1 ±0.156 dB

Ch2 ±0.168 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 Mode:	DAC Generator
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 (10/6/2023 12:39:41.066 PM)

Ch1 102.567 dB

Ch2 103.102 dB

40dB Balanced In : THD+N

Waveform:	Sine
Generator Mode:	DAC Generator
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 (10/6/2023 12:42:40.191 PM)

Ch1 0.006968 %
Ch2 0.006882 %

THD Ratio (10/6/2023 12:42:40.191 PM)

Ch1 0.007000 %
Ch2 0.006836 %

Noise Ratio (10/6/2023 12:42:40.191 PM)

Ch1 0.000648 %
Ch2 0.000600 %

Distortion Product Ratio (10/6/2023 12:42:40.191 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	-93.63	-83.50	-127.84	-127.30	-132.11	-133.70	-134.84	-141.40	-135.79
	1.000k	2.000k	3.000k	4.000k	5.000k	6.000k	7.000k	8.000k	9.000k	10.00k
Ch2	-0.00	-95.96	-83.55	-127.87	-128.00	-130.89	-131.12	-137.49	-134.95	-136.10

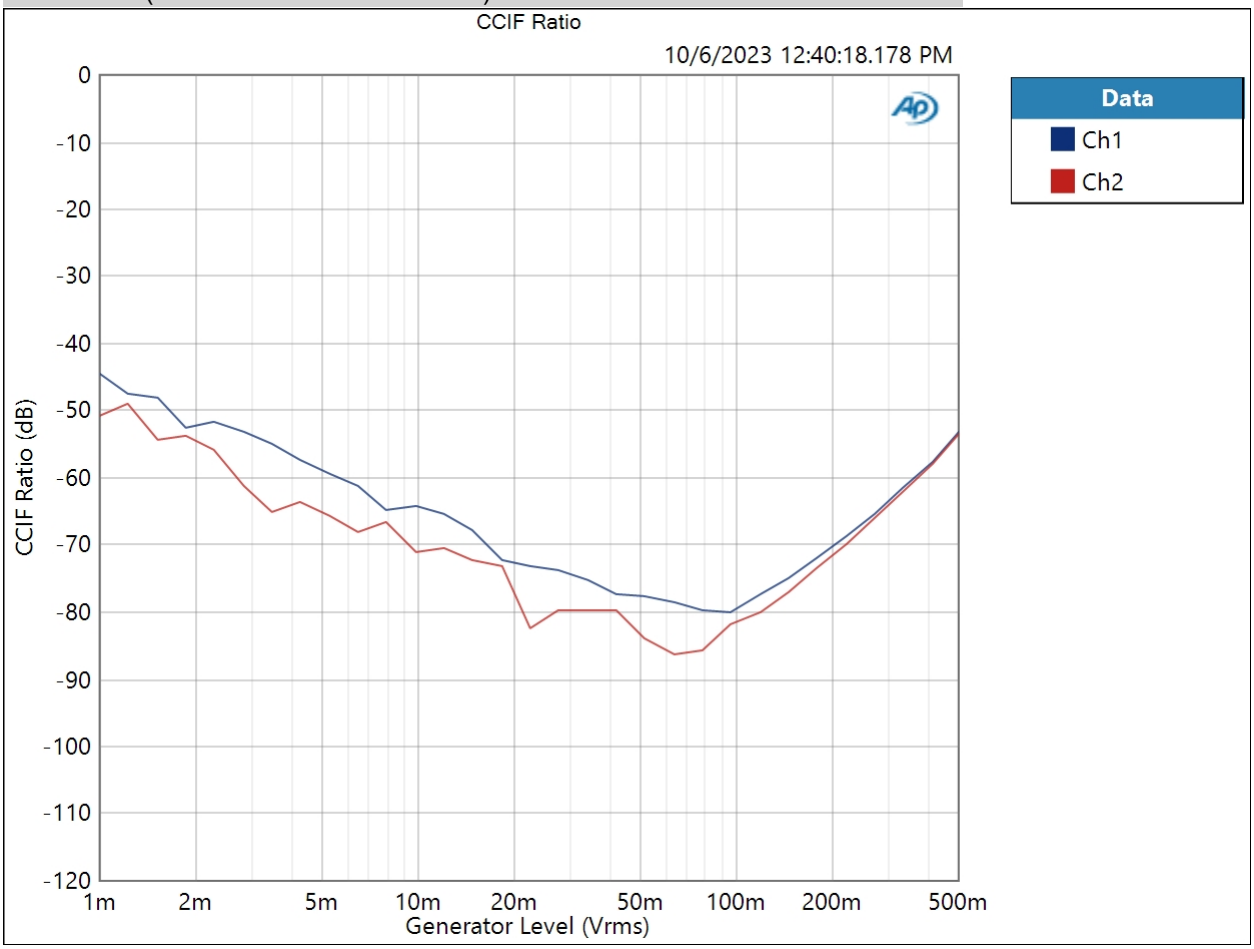
Distortion Product Ratio Parameters

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	10/6/2023 12:40:18 PM

CCIF Ratio (10/6/2023 12:40:18.178 PM)

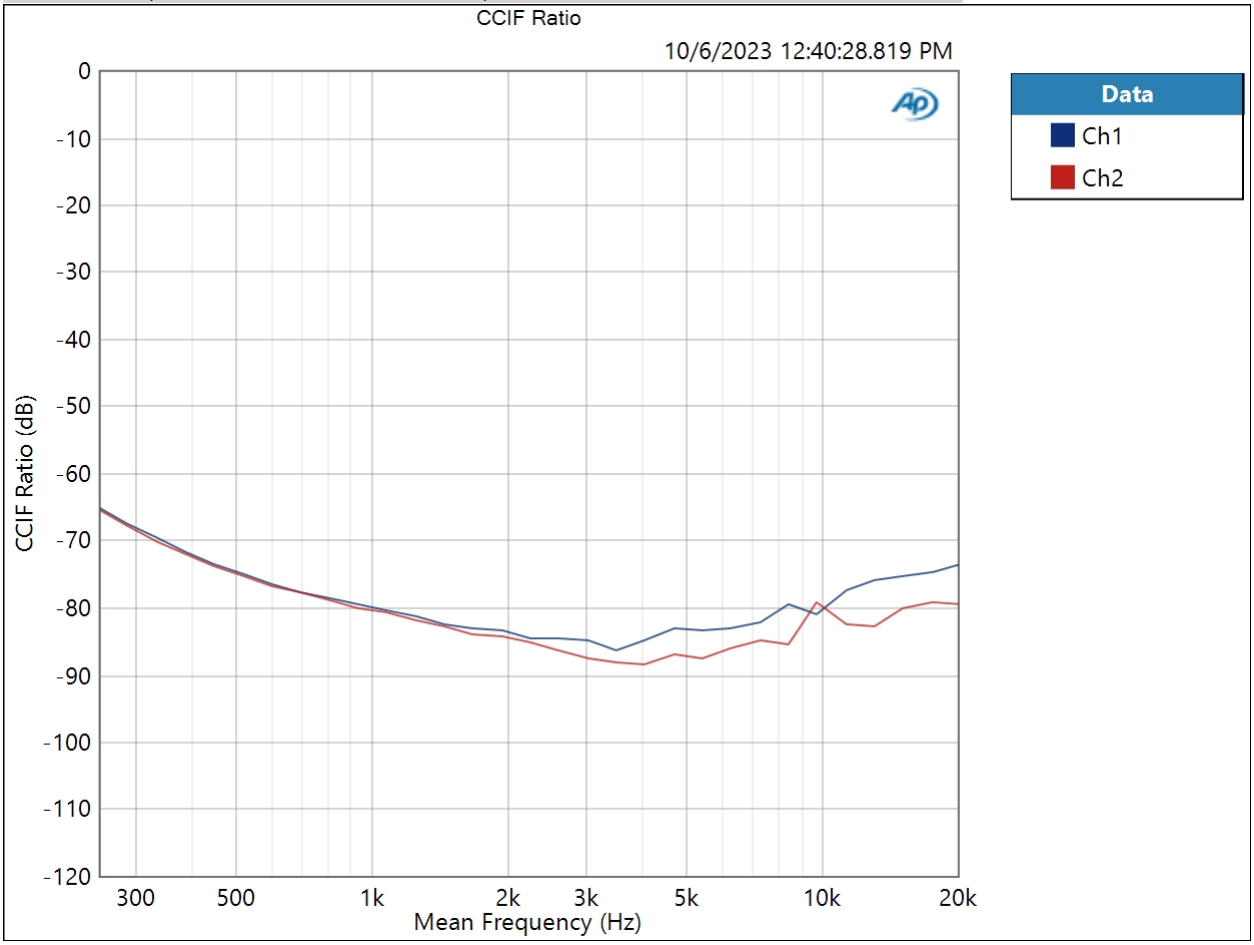


Result: PASSED

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	10/6/2023 12:40:28 PM

CCIF Ratio (10/6/2023 12:40:28.819 PM)



Result: PASSED

40dB Balanced In : Crosstalk, One Channel Undriven

Waveform:	Sine
Generator Mode:	High Performance Sine Generator
Precision Tune:	Enabled
Generator Level:	38.00 mVrms
Frequency:	10.0000 kHz

Crosstalk (10/6/2023 12:40:34.814 PM)

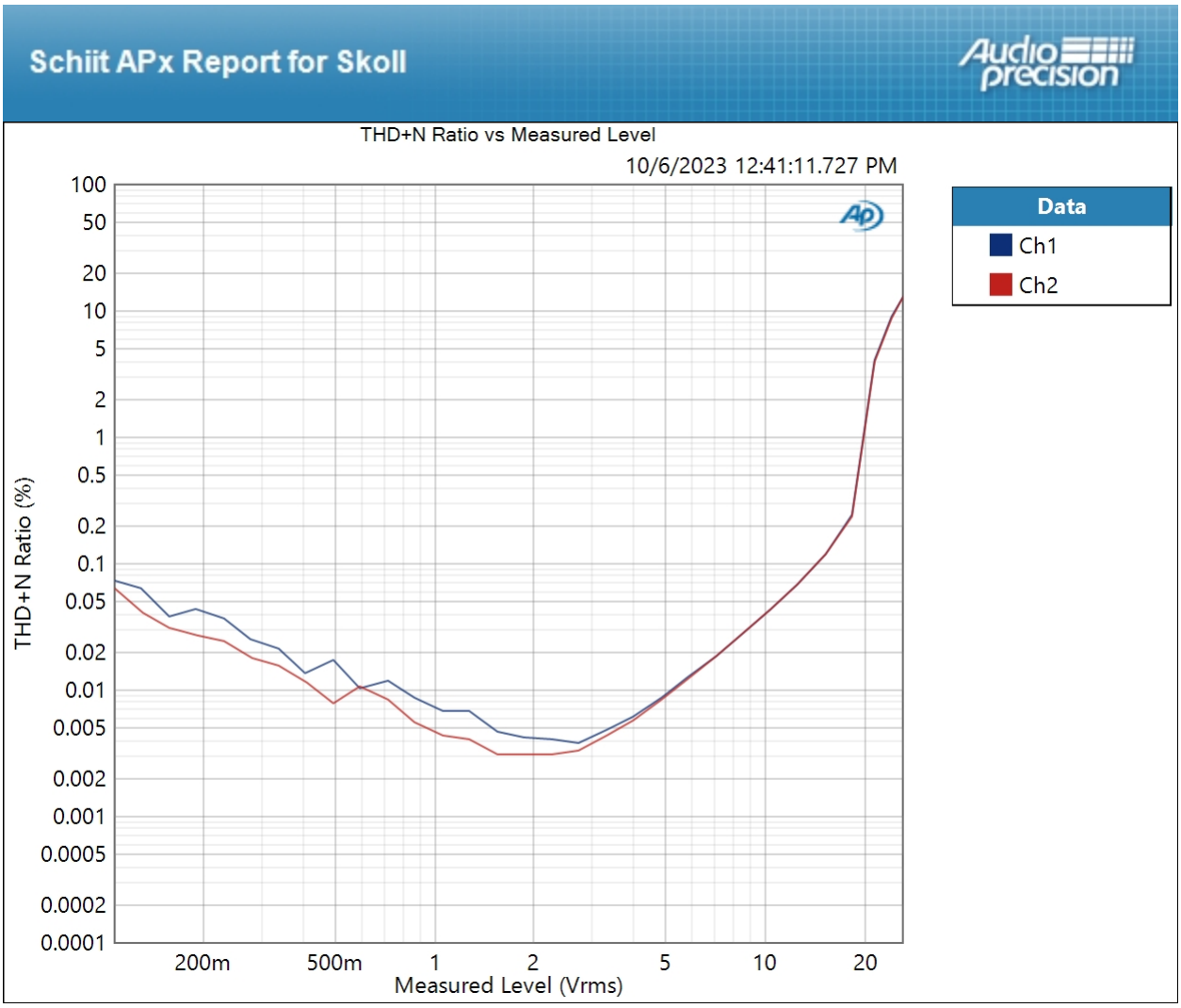
Ch1 -111.005 dB

Ch2 -110.452 dB

40dB Balanced In : Stepped Level Sweep

Waveform:	Sine
Generator Mode:	DAC Generator
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	10/6/2023 12:41:11 PM

THD+N Ratio vs Measured Level (10/6/2023 12:41:11.727 PM)



Result: PASSED

50dB : Signal Path Setup

Output Connector:	Analog Unbalanced
Channels:	2
Generator Mode:	DAC Generator
Source Impedance:	20 ohm, 20 ohm
AG52 Generator Option:	Installed
Auto Range:	Enabled
Output EQ:	None
Input 1:	Analog Balanced
Input Bandwidth:	AC (<10 Hz) - 20 kHz (44.1 kHz SR)
Input EQ:	None
Channels:	2
Termination:	200 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

50dB : Verify Connections

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

Gain (10/6/2023 12:05:51.633 PM)

Ch1 47.148 dB
Ch2 47.176 dB

50dB : Level and Gain

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

RMS Level (10/6/2023 12:05:54.320 PM)

Ch1 3.916 Vrms
Ch2 3.921 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 (10/6/2023 12:08:00.050 PM)

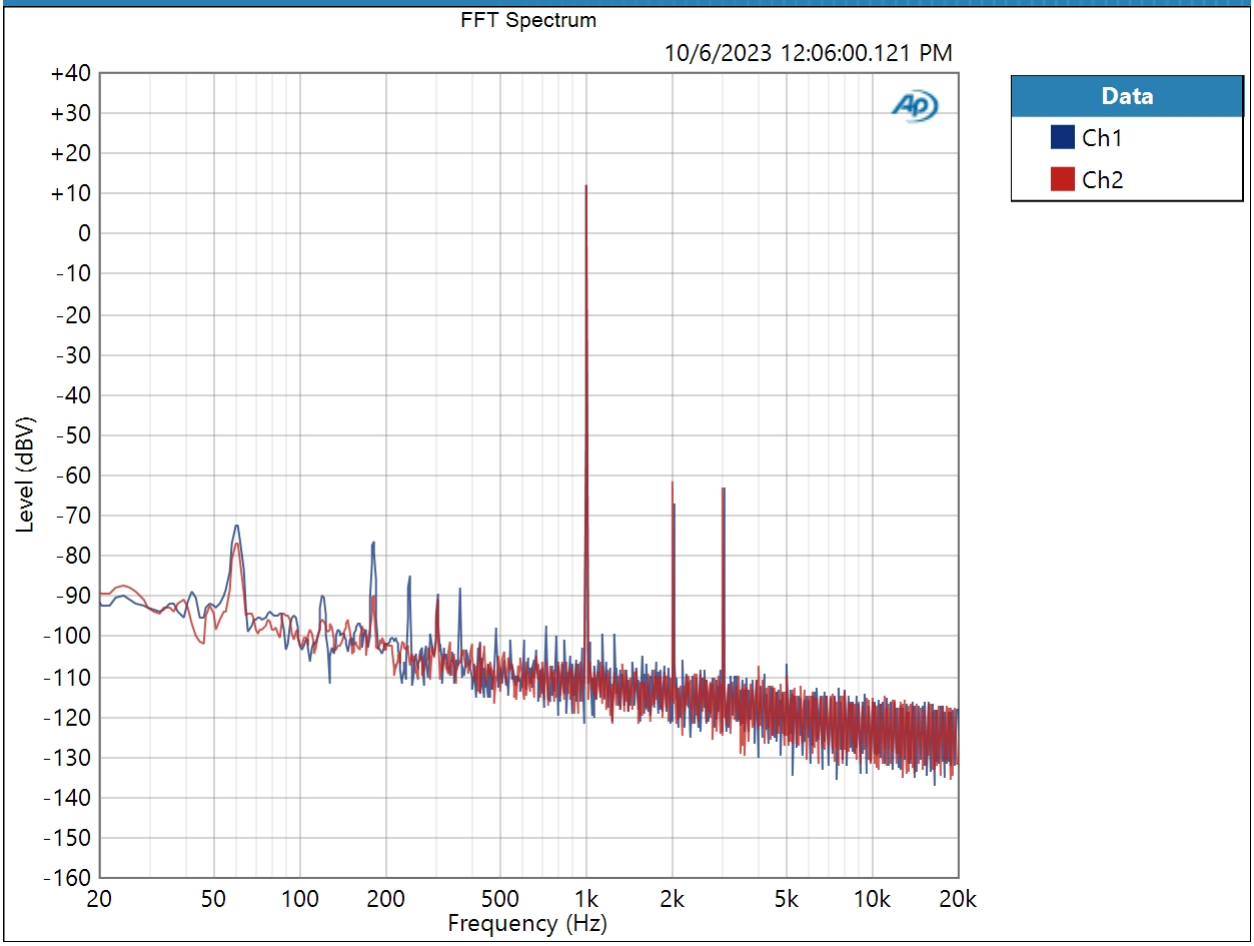
Ch1 -31.62 uV
Ch2 101.7 uV

50dB : Signal Analyzer

Waveform:	Sine
Generator Mode:	DAC Generator
Generator Level:	10.00 mVrms
DC Offset:	0.000 V
Frequency:	1.00000 kHz
Secondary Source:	None
Measured 1	10/6/2023 12:06:00 PM
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 (10/6/2023 12:06:00.121 PM)

Schiit APx Report for Skoll

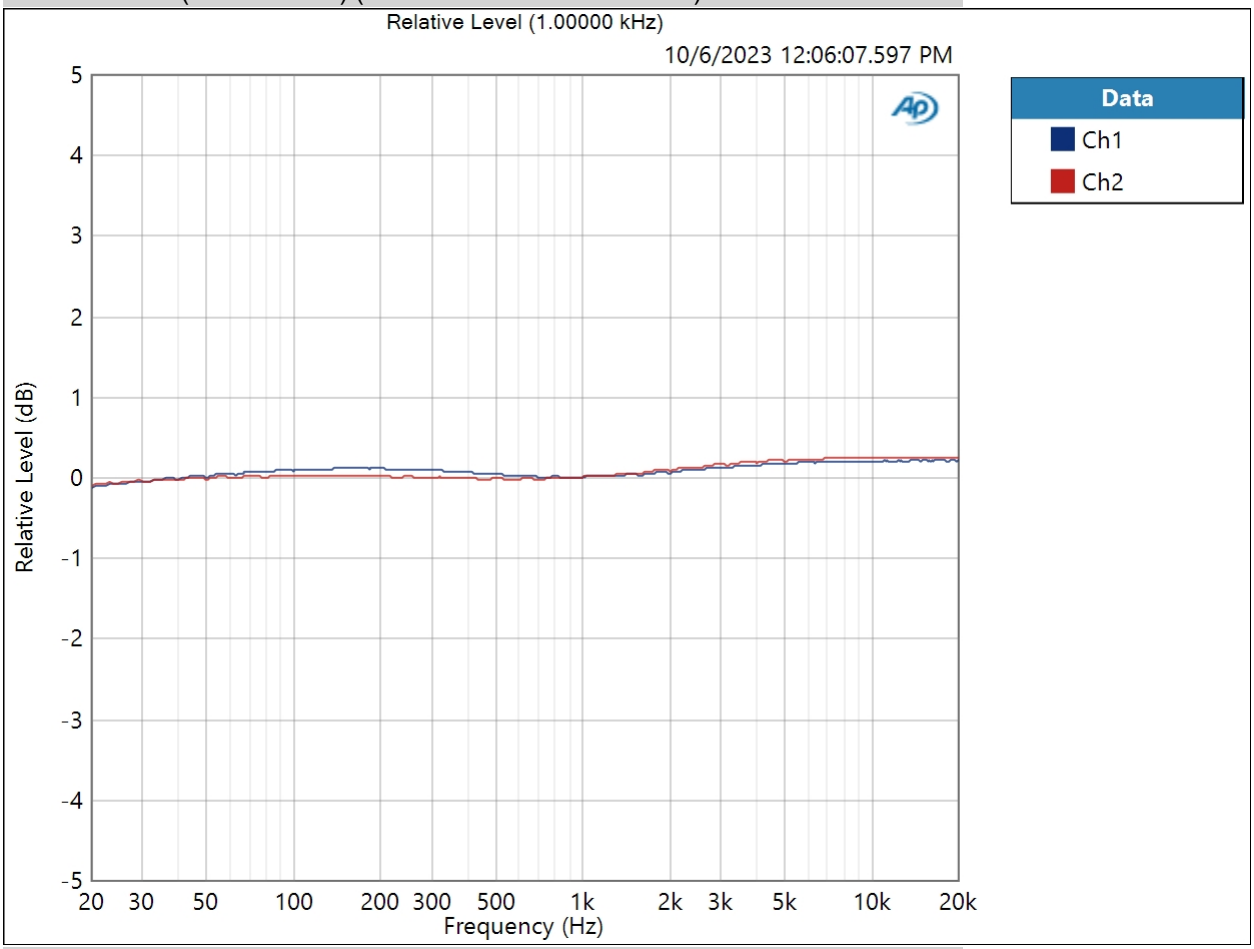


Result: PASSED

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	10/6/2023 12:06:07 PM

Relative Level (1.00000 kHz) (10/6/2023 12:06:07.597 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) (10/6/2023 12:06:07.597 PM)

Ch1 ±0.166 dB

Ch2 ±0.171 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 Mode:	DAC Generator
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 (10/6/2023 12:06:10.278 PM)

Ch1 90.812 dB

Ch2 92.153 dB

50dB : THD+N

Waveform:	Sine
Generator Mode:	DAC Generator
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 (10/6/2023 12:06:13.543 PM)

Ch1 0.026801 %
Ch2 0.028404 %

THD Ratio (10/6/2023 12:06:13.543 PM)

Ch1 0.027216 %
Ch2 0.028090 %

Noise Ratio (10/6/2023 12:06:13.543 PM)

Ch1 0.002460 %
Ch2 0.002199 %

Distortion Product Ratio (10/6/2023 12:06:13.543 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	-75.00	-73.72	-119.47	-116.64	-122.91	-122.18	-124.79	-126.68	-124.09
	1.000k	2.000k	3.000k	4.000k	5.000k	6.000k	7.000k	8.000k	9.000k	10.00k
Ch2	-0.00	-74.38	-73.72	-115.08	-116.09	-120.91	-124.76	-122.13	-126.68	-127.05

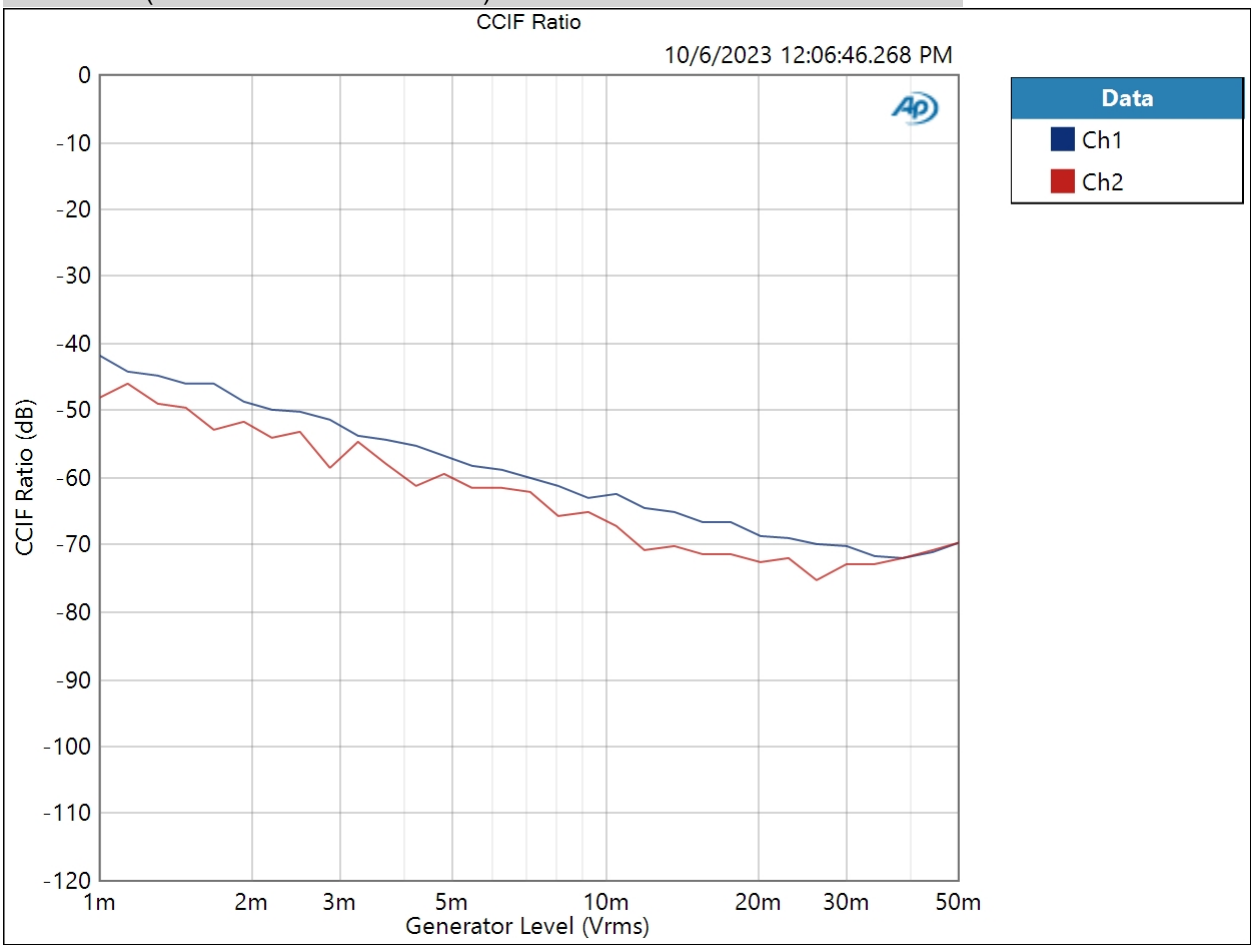
Distortion Product Ratio Parameters

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	10/6/2023 12:06:46 PM

CCIF Ratio (10/6/2023 12:06:46.268 PM)

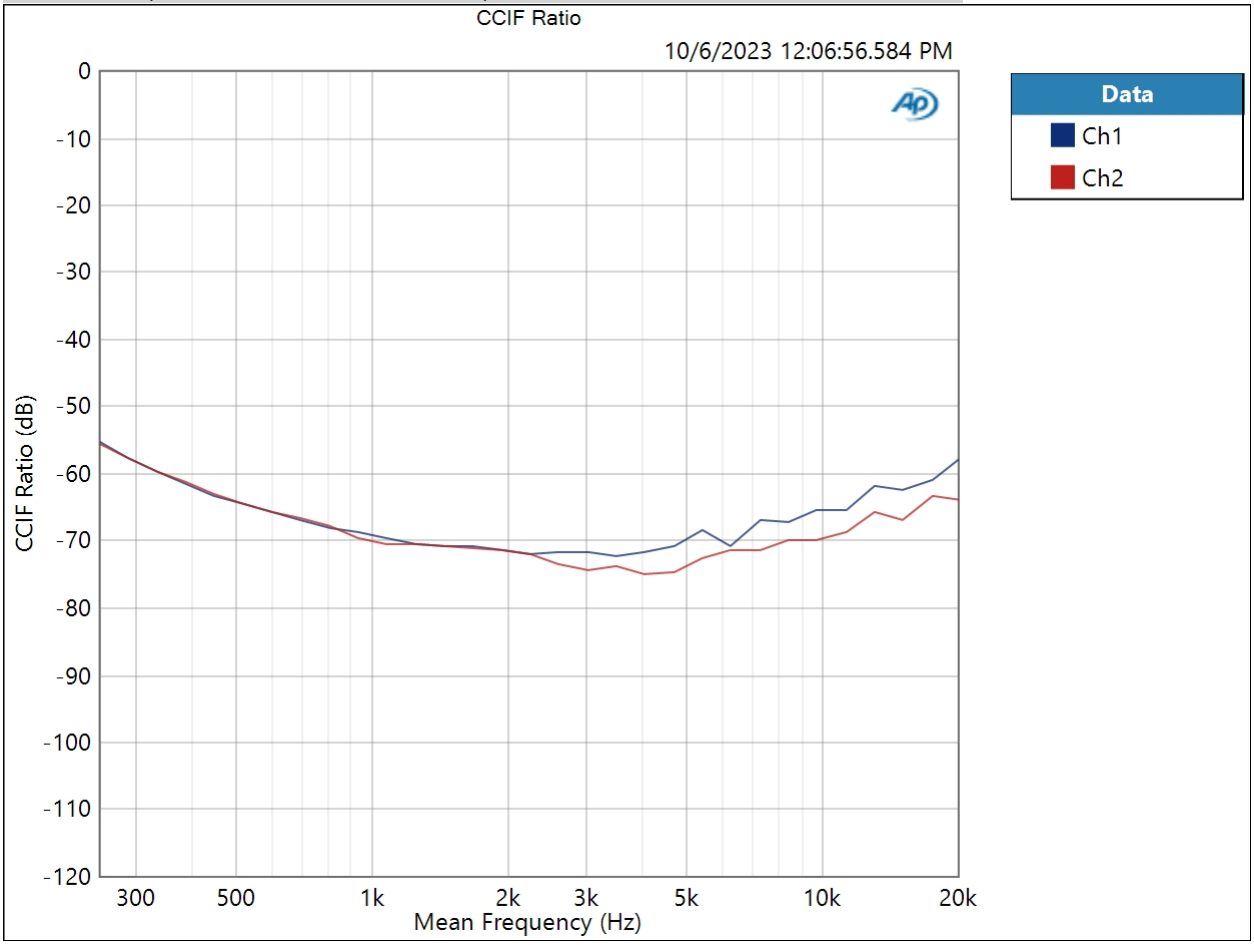


Result: PASSED

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	10/6/2023 12:06:56 PM

CCIF Ratio (10/6/2023 12:06:56.584 PM)



Result: PASSED

50dB : Crosstalk, One Channel Undriven

Waveform:	Sine
Generator Mode:	High Performance Sine Generator
Precision Tune:	Enabled
Generator Level:	10.00 mVrms
Frequency:	10.0000 kHz

Crosstalk (10/6/2023 12:07:02.610 PM)

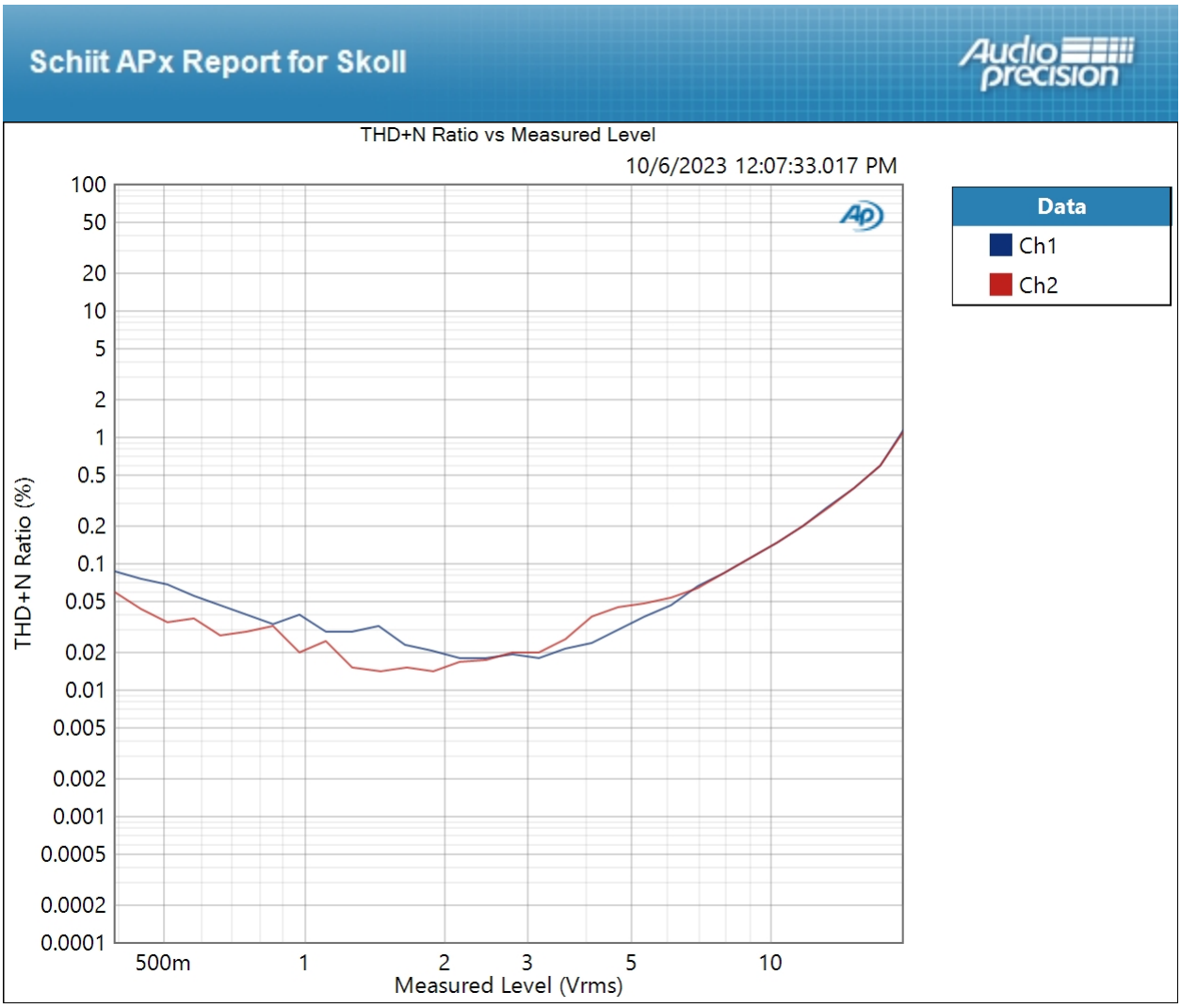
Ch1 -99.706 dB

Ch2 -98.626 dB

50dB : Stepped Level Sweep

Waveform:	Sine
Generator Mode:	DAC Generator
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	10/6/2023 12:07:33 PM

THD+N Ratio vs Measured Level (10/6/2023 12:07:33.017 PM)



Result: PASSED

60dB : Signal Path Setup

Output Connector:	Analog Unbalanced
Channels:	2
Generator Mode:	DAC Generator
Source Impedance:	20 ohm, 20 ohm
AG52 Generator Option:	Installed
Auto Range:	Enabled
Output EQ:	None
Input 1:	Analog Balanced
Input Bandwidth:	AC (<10 Hz) - 20 kHz (44.1 kHz SR)
Input EQ:	None
Channels:	2
Termination:	200 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

60dB : Verify Connections

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

Gain (10/6/2023 12:11:30.128 PM)

Ch1 56.730 dB
Ch2 56.726 dB

60dB : Level and Gain

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

RMS Level (10/6/2023 12:11:32.845 PM)

Ch1 3.944 Vrms
Ch2 3.947 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

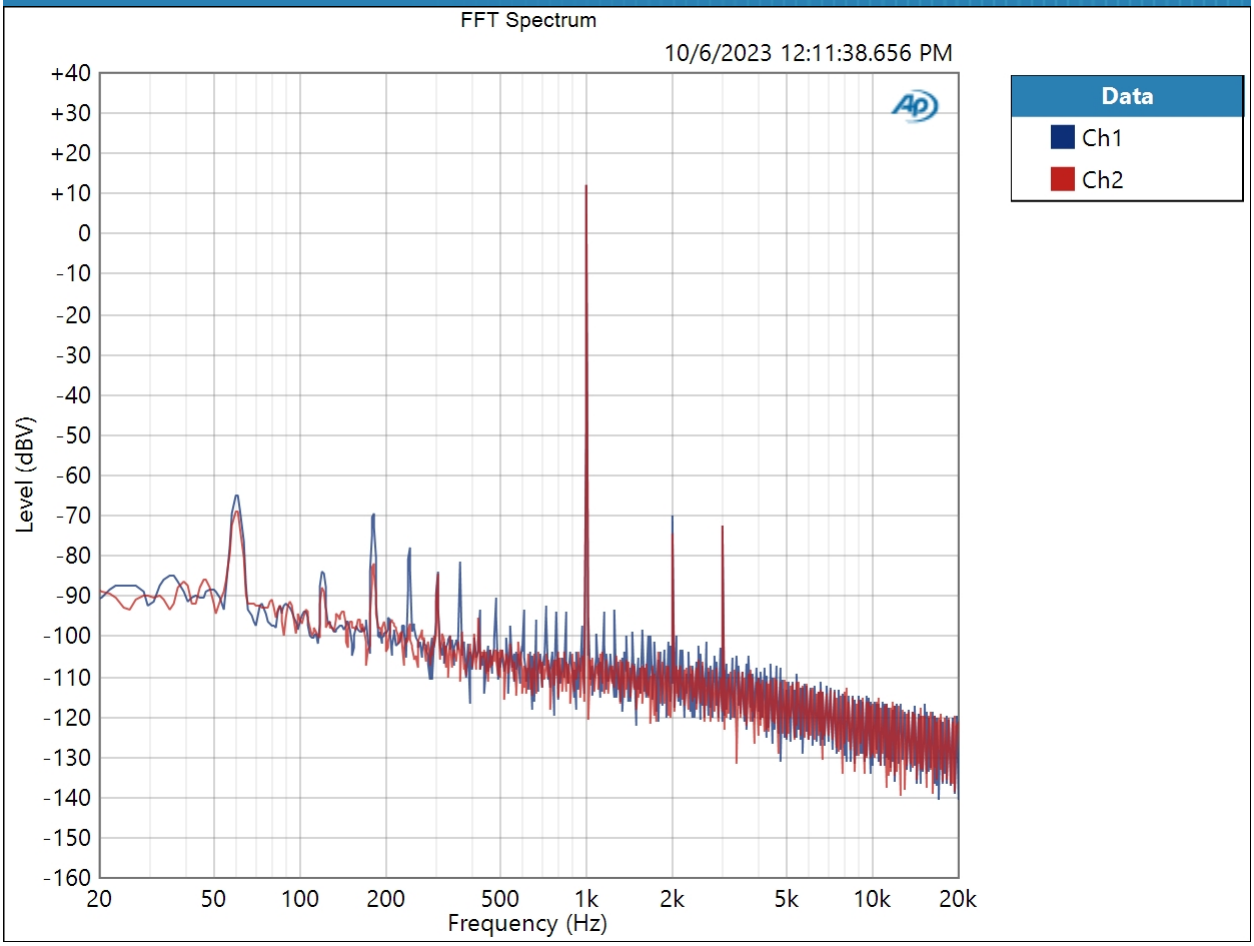
DC Level (10/6/2023 12:14:19.634 PM)

Ch1 -889.4 uV
Ch2 342.5 uV

60dB : Signal Analyzer

Waveform:	Sine
Generator Mode:	DAC Generator
Generator Level:	4.500 mVrms
DC Offset:	0.000 V
Frequency:	1.00000 kHz
Secondary Source:	None
Measured 1	10/6/2023 12:11:38 PM
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 (10/6/2023 12:11:38.656 PM)

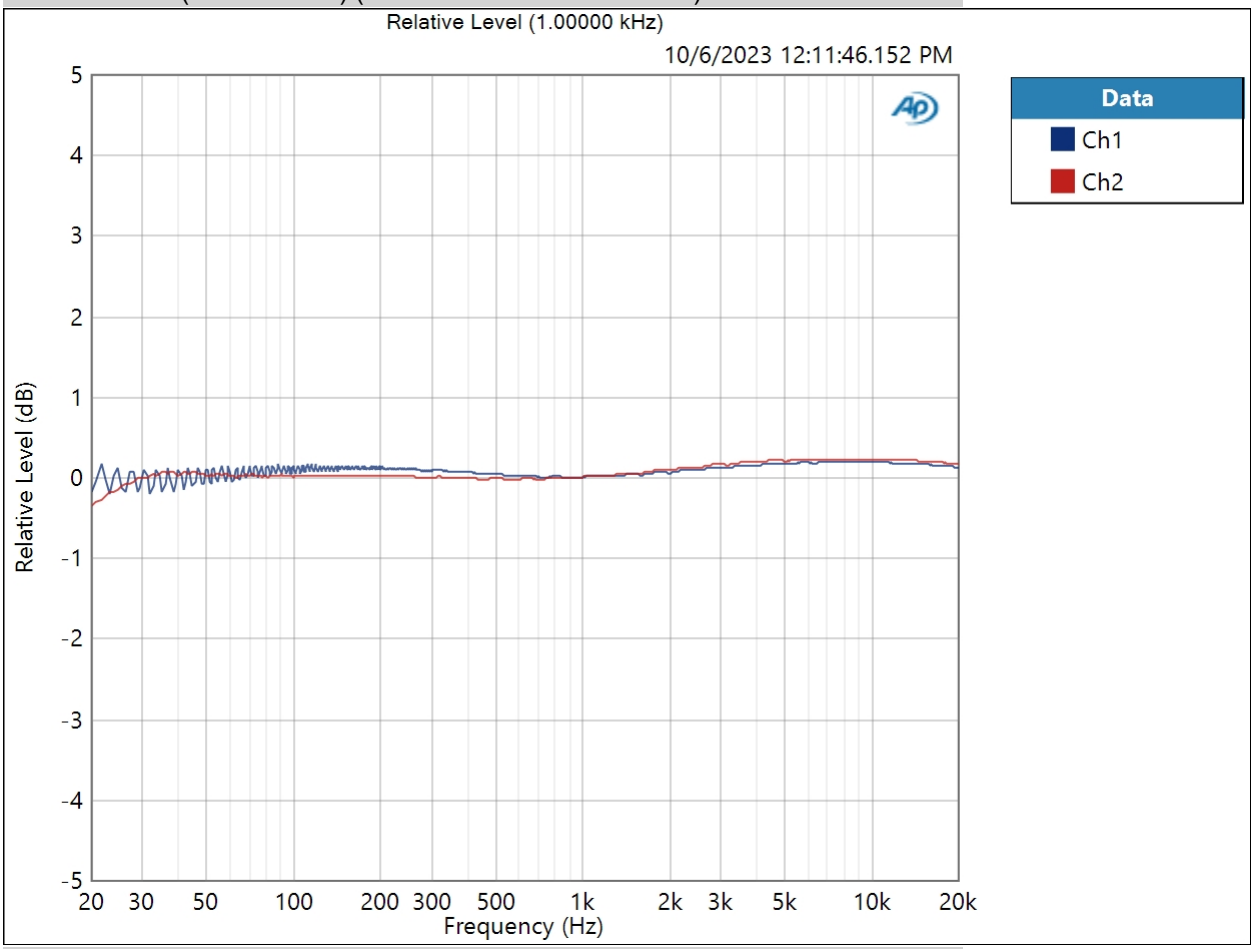


Result: PASSED

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:	350.0 ms
Extend Acquisition By:	2.000 s
Secondary Source:	None
Measured 1	10/6/2023 12:11:46 PM

Relative Level (1.00000 kHz) (10/6/2023 12:11:46.152 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) (10/6/2023 12:11:46.152 PM)

Ch1 ±0.197 dB

Ch2 ±0.283 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 Mode:	DAC Generator
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 (10/6/2023 12:11:48.778 PM)

Ch1 86.509 dB

Ch2 89.869 dB

60dB : THD+N

Waveform:	Sine
Generator Mode:	DAC Generator
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 (10/6/2023 12:11:52.077 PM)

Ch1 0.014424 %

Ch2 0.007884 %

THD Ratio (10/6/2023 12:11:52.077 PM)

Ch1 0.013797 %

Ch2 0.007291 %

Noise Ratio (10/6/2023 12:11:52.077 PM)

Ch1 0.004313 %

Ch2 0.002744 %

Distortion Product Ratio (10/6/2023 12:11:52.077 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	-78.31	-83.68	-115.24	-120.25	-118.92	-123.44	-122.75	-124.17	-125.40
	1.000k	2.000k	3.000k	4.000k	5.000k	6.000k	7.000k	8.000k	9.000k	10.00k
Ch2	-0.00	-92.32	-83.26	-117.48	-125.27	-123.24	-124.79	-123.82	-125.83	-127.02

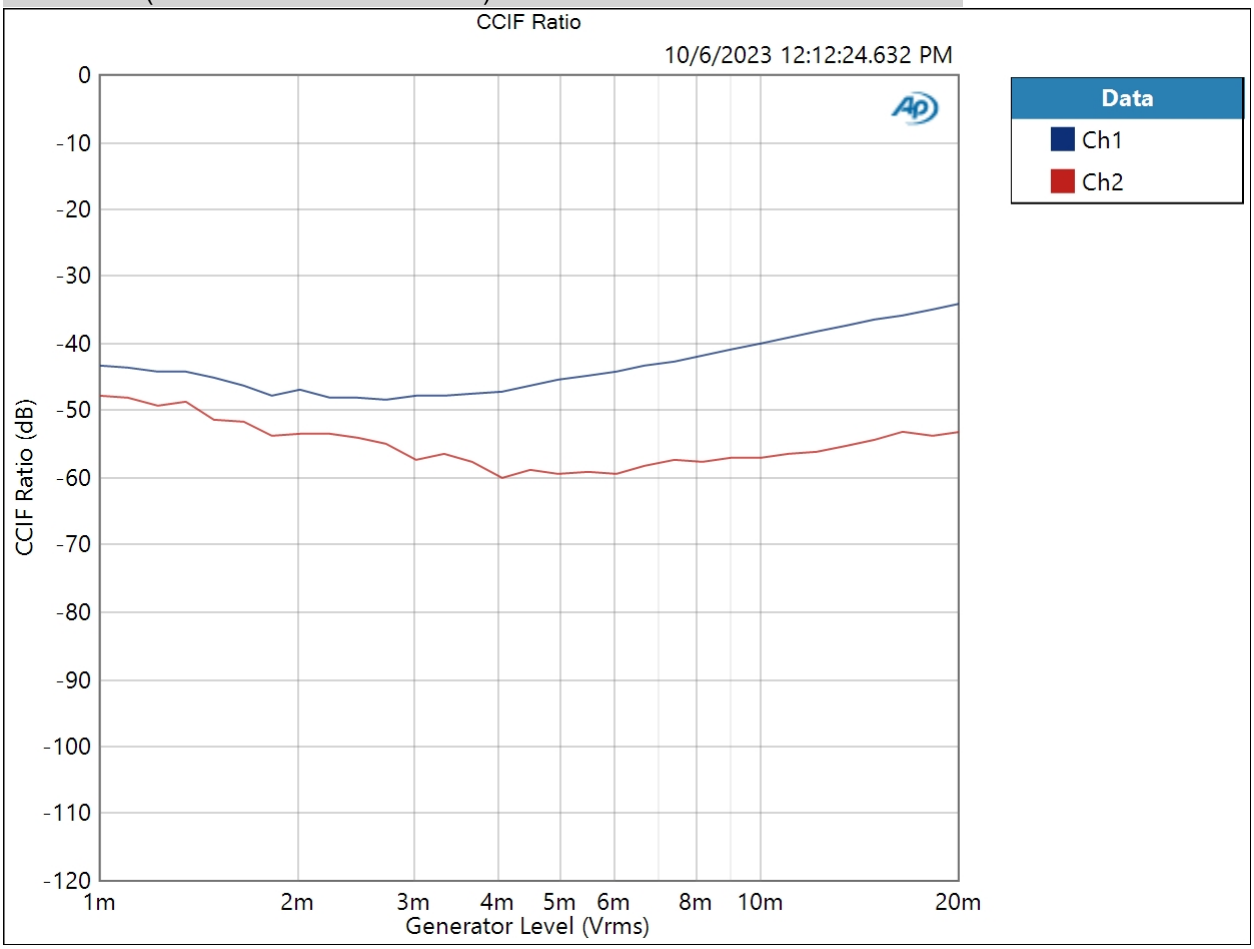
Distortion Product Ratio Parameters

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	10/6/2023 12:12:24 PM

CCIF Ratio (10/6/2023 12:12:24.632 PM)

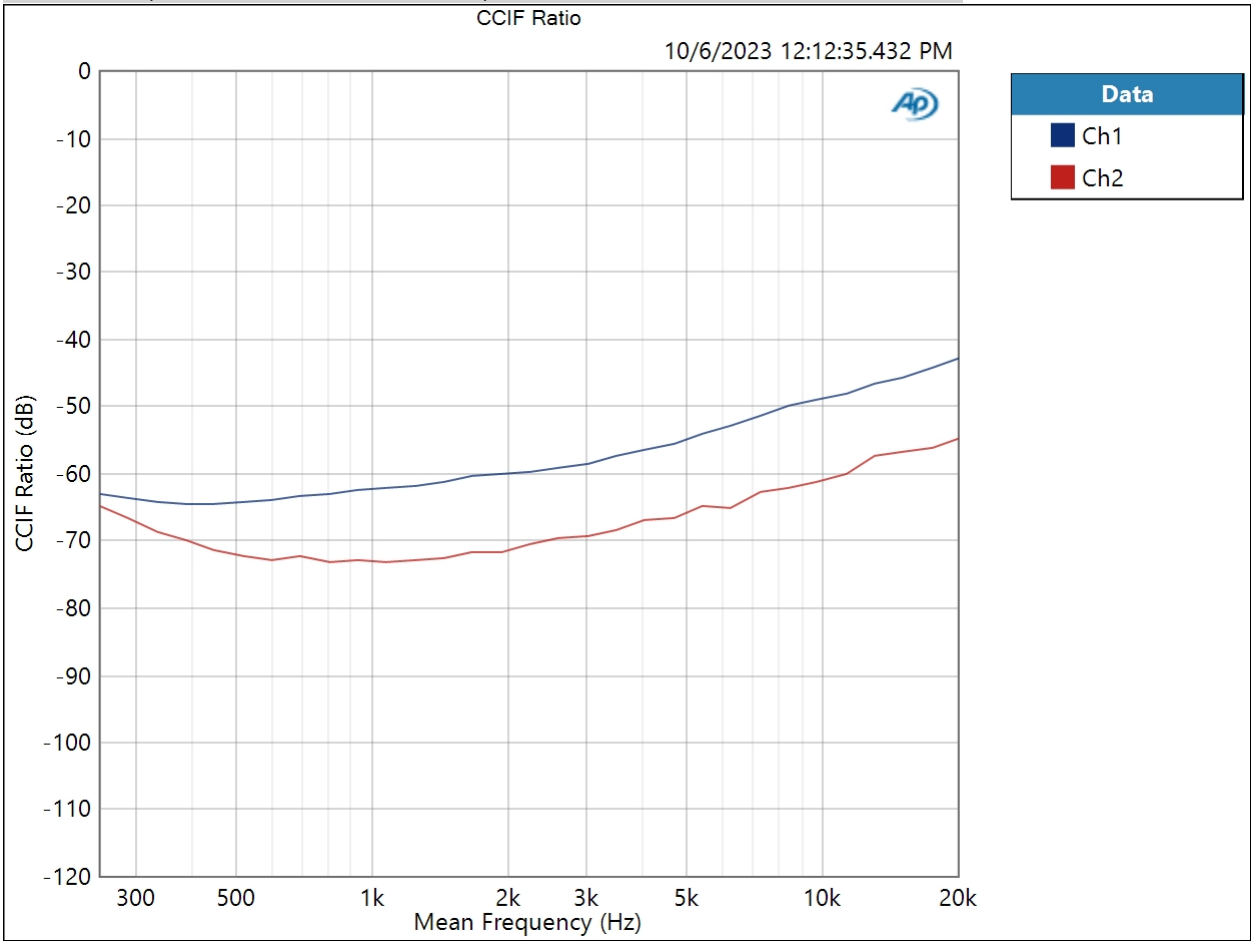


Result: PASSED

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	10/6/2023 12:12:35 PM

CCIF Ratio (10/6/2023 12:12:35.432 PM)



Result: PASSED

60dB : Crosstalk, One Channel Undriven

Waveform:	Sine
Generator Mode:	High Performance Sine Generator
Precision Tune:	Enabled
Generator Level:	4.500 mVrms
Frequency:	10.0000 kHz

Crosstalk (10/6/2023 12:12:41.501 PM)

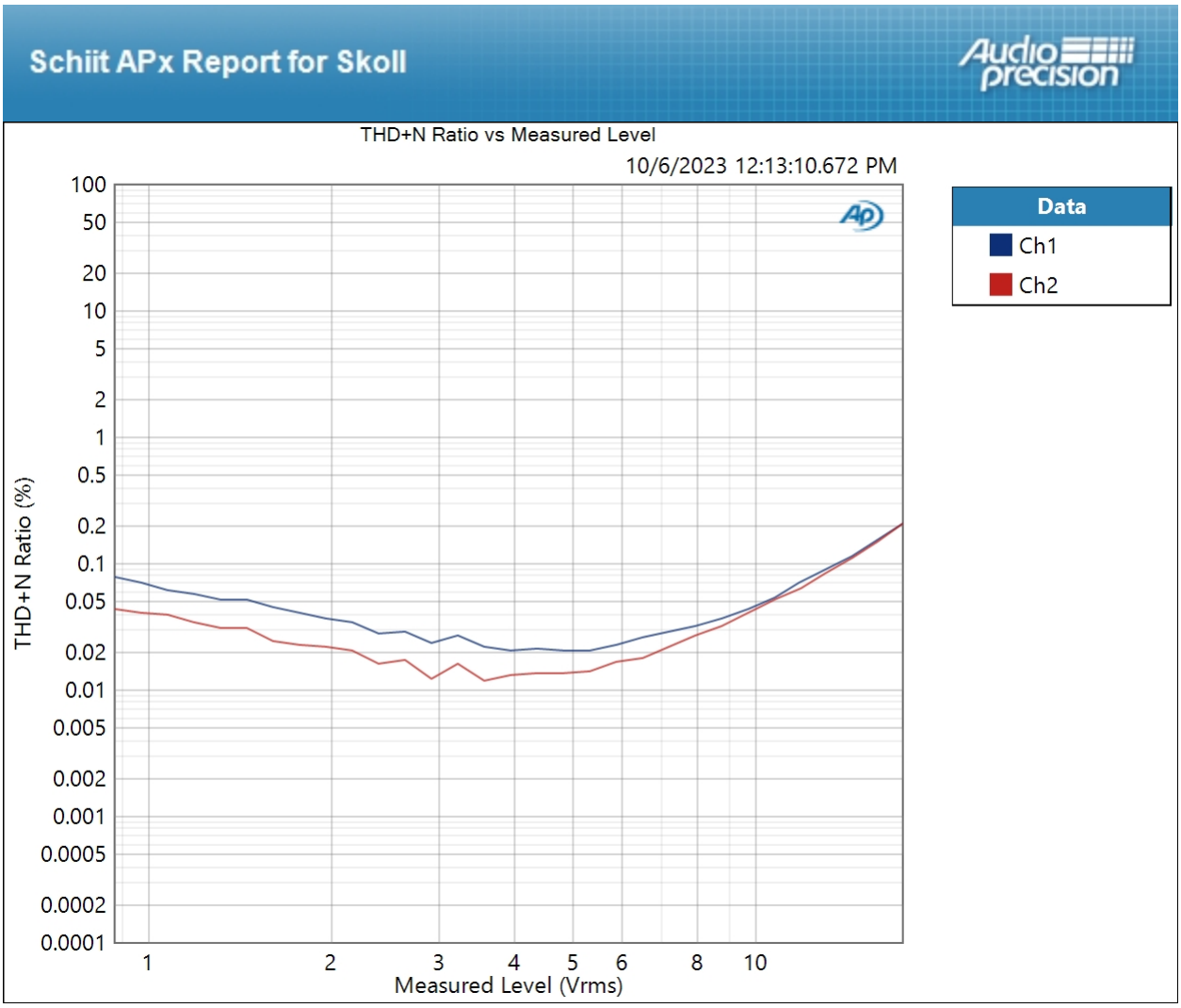
Ch1 -98.146 dB

Ch2 -97.337 dB

60dB : Stepped Level Sweep

Waveform:	Sine
Generator Mode:	DAC Generator
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	10/6/2023 12:13:10 PM

THD+N Ratio vs Measured Level (10/6/2023 12:13:10.672 PM)



Result: PASSED

70dB : Signal Path Setup

Output Connector:	Analog Unbalanced
Channels:	2
Generator Mode:	DAC Generator
Source Impedance:	20 ohm, 20 ohm
AG52 Generator Option:	Installed
Auto Range:	Enabled
Output EQ:	None
Input 1:	Analog Balanced
Input Bandwidth:	AC (<10 Hz) - 20 kHz (44.1 kHz SR)
Input EQ:	None
Channels:	2
Termination:	200 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

70dB : Verify Connections

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

Gain (10/6/2023 12:18:18.579 PM)

Ch1 63.251 dB
Ch2 65.827 dB

70dB : Level and Gain

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

RMS Level (10/6/2023 12:18:20.822 PM)

Ch1 3.996 Vrms
Ch2 4.003 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 (10/6/2023 12:20:24.965 PM)

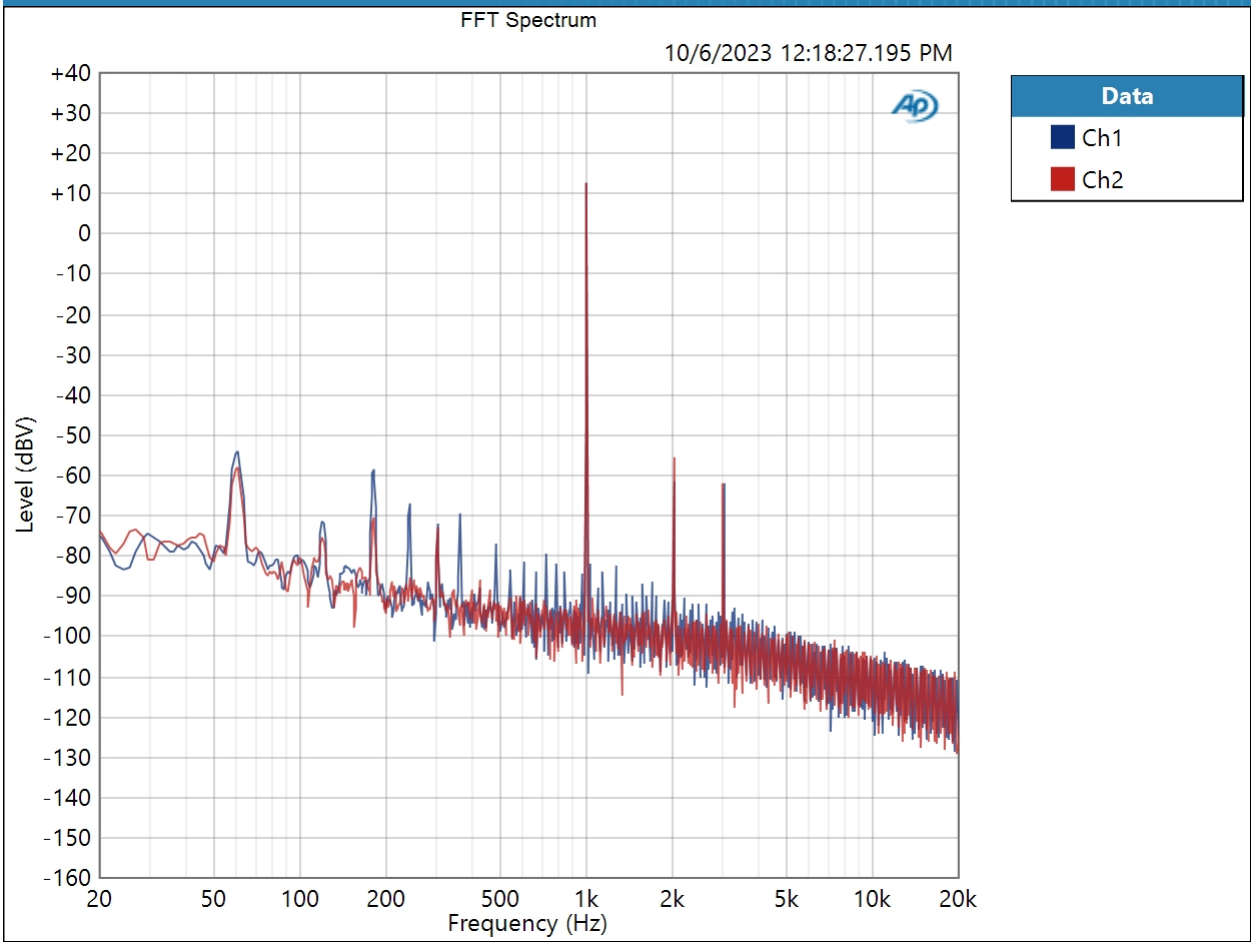
Ch1 -1.769 mV
Ch2 -3.624 mV

70dB : Signal Analyzer

Waveform:	Sine
Generator Mode:	DAC Generator
Generator Level:	1.250 mVrms
DC Offset:	0.000 V
Frequency:	1.00000 kHz
Secondary Source:	None
Measured 1	10/6/2023 12:18:27 PM
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 (10/6/2023 12:18:27.195 PM)

Schiit APx Report for Skoll

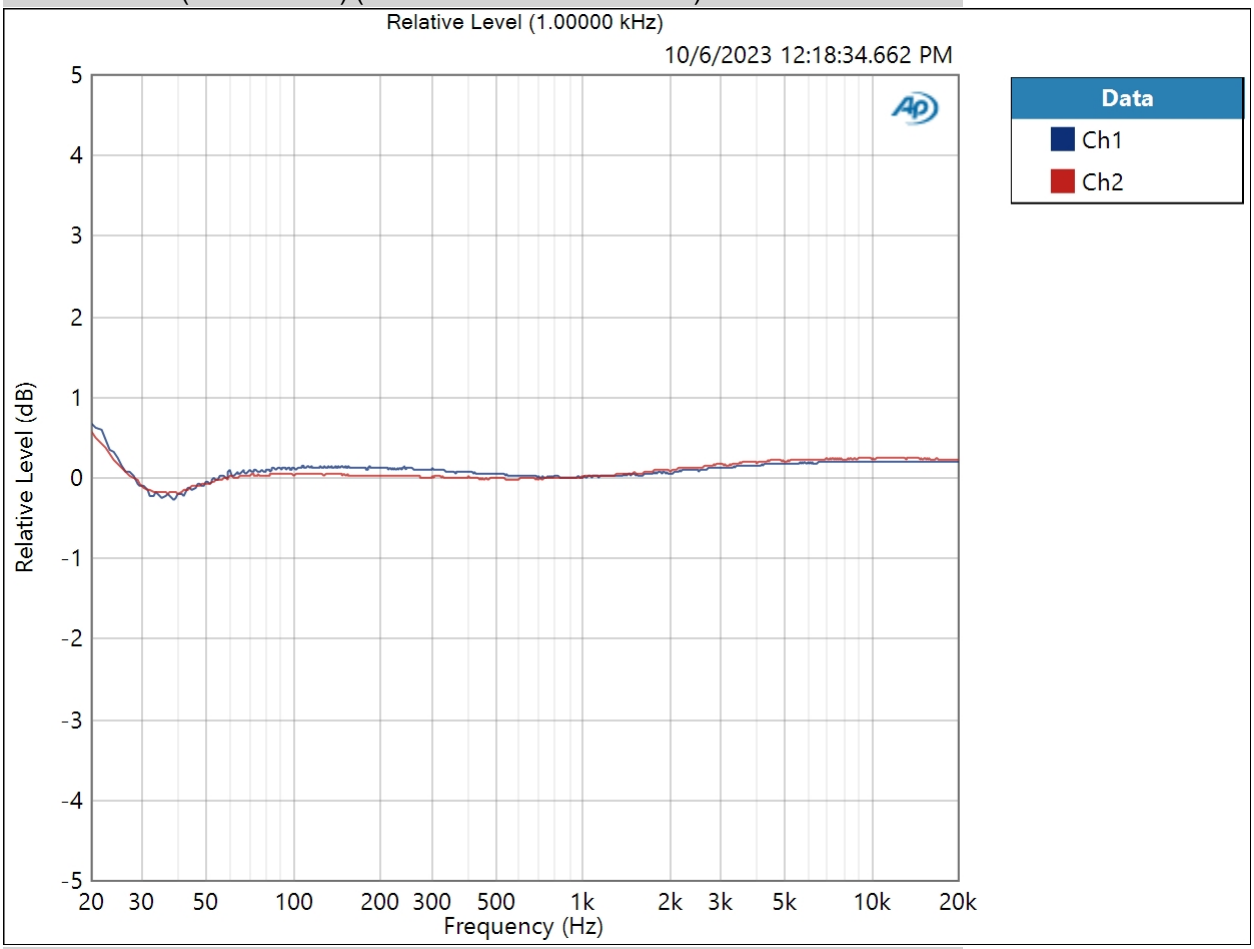


Result: PASSED

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:	350.0 ms
Extend Acquisition By:	2.000 s
Secondary Source:	None
Measured 1	10/6/2023 12:18:34 PM

Relative Level (1.00000 kHz) (10/6/2023 12:18:34.662 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) (10/6/2023 12:18:34.662 PM)

Ch1 ±0.466 dB

Ch2 ±0.374 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 Mode:	DAC Generator
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 (10/6/2023 12:18:37.248 PM)

Ch1 75.539 dB

Ch2 78.499 dB

70dB : THD+N

Waveform:	Sine
Generator Mode:	DAC Generator
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 (10/6/2023 12:18:40.529 PM)

Ch1 0.037275 %

Ch2 0.038770 %

THD Ratio (10/6/2023 12:18:40.529 PM)

Ch1 0.035199 %

Ch2 0.026195 %

Noise Ratio (10/6/2023 12:18:40.529 PM)

Ch1 0.014823 %

Ch2 0.009790 %

Distortion Product Ratio (10/6/2023 12:18:40.529 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	-71.07	-73.40	-102.33	-110.47	-110.67	-113.97	-113.69	-115.44	-113.33
	1.000k	2.000k	3.000k	4.000k	5.000k	6.000k	7.000k	8.000k	9.000k	10.00k
Ch2	-0.00	-77.35	-73.00	-105.82	-106.44	-109.55	-110.83	-110.77	-118.74	-116.85

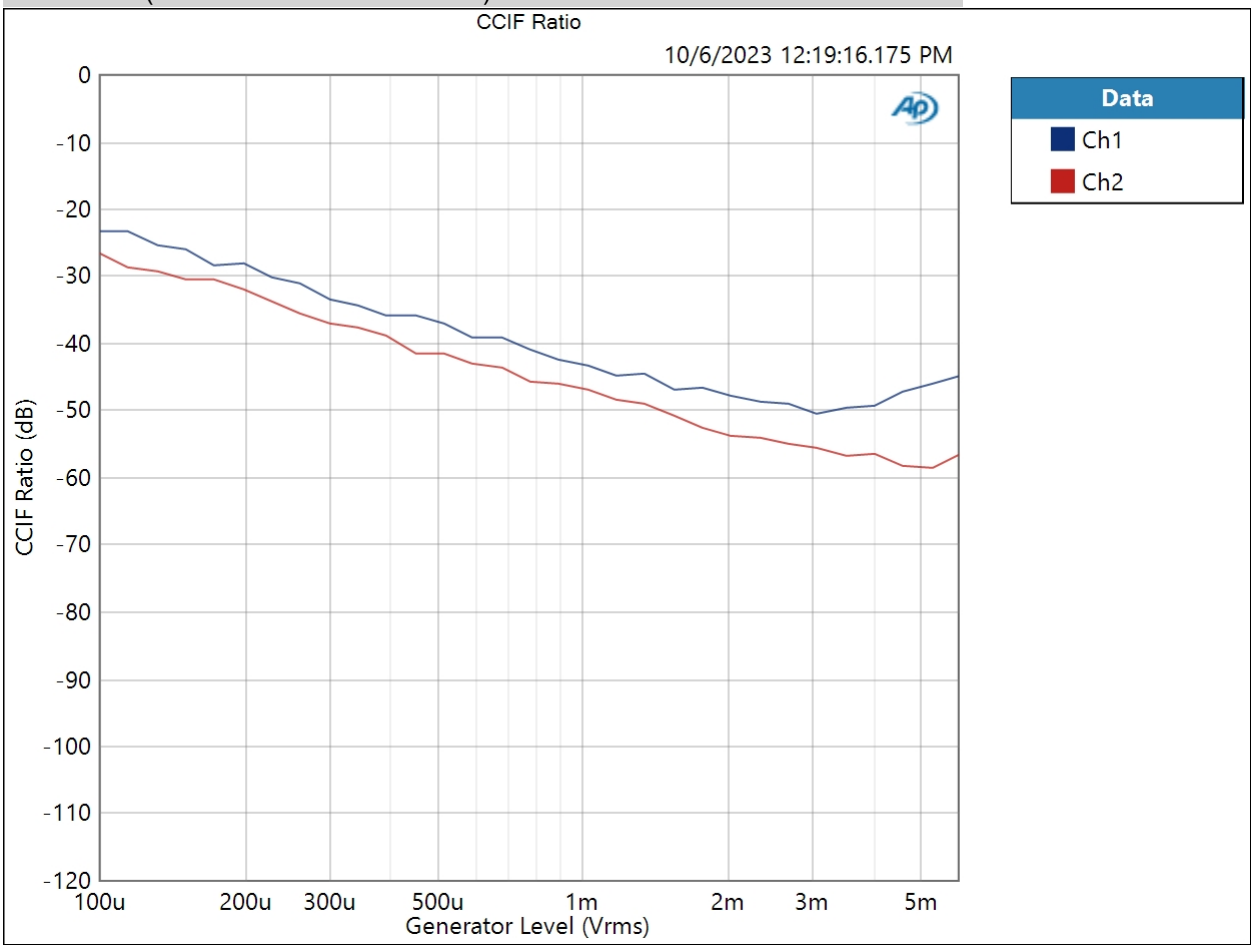
Distortion Product Ratio Parameters

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	10/6/2023 12:19:16 PM

CCIF Ratio (10/6/2023 12:19:16.175 PM)

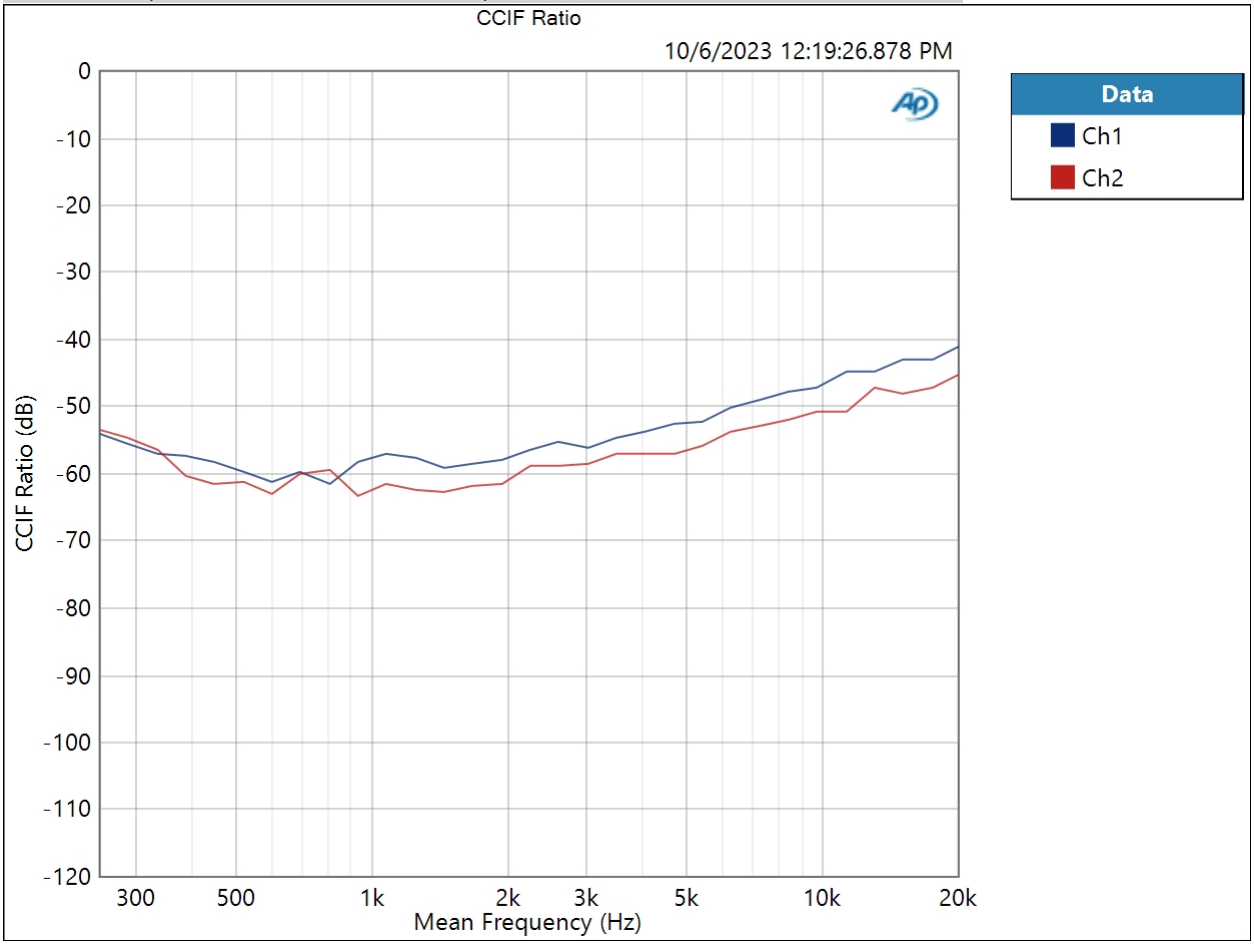


Result: PASSED

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	10/6/2023 12:19:26 PM

CCIF Ratio (10/6/2023 12:19:26.878 PM)



Result: PASSED

70dB : Crosstalk, One Channel Undriven

Waveform:	Sine
Generator Mode:	High Performance Sine Generator
Precision Tune:	Enabled
Generator Level:	1.250 mVrms
Frequency:	10.0000 kHz

Crosstalk (10/6/2023 12:19:32.933 PM)

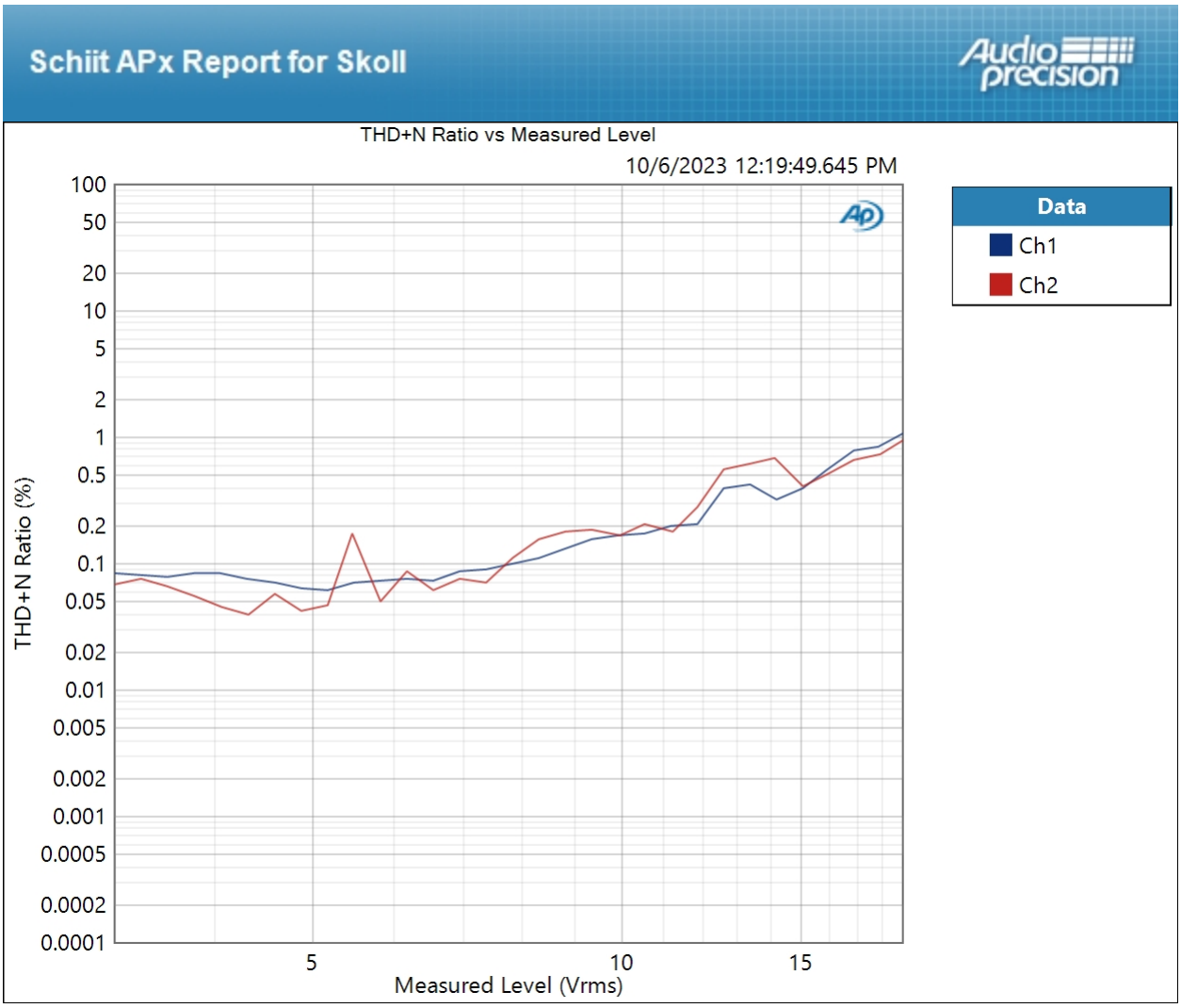
Ch1 -87.663 dB

Ch2 -86.101 dB

70dB : Stepped Level Sweep

Waveform:	Sine
Generator Mode:	DAC Generator
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	10/6/2023 12:19:49 PM

THD+N Ratio vs Measured Level (10/6/2023 12:19:49.645 PM)

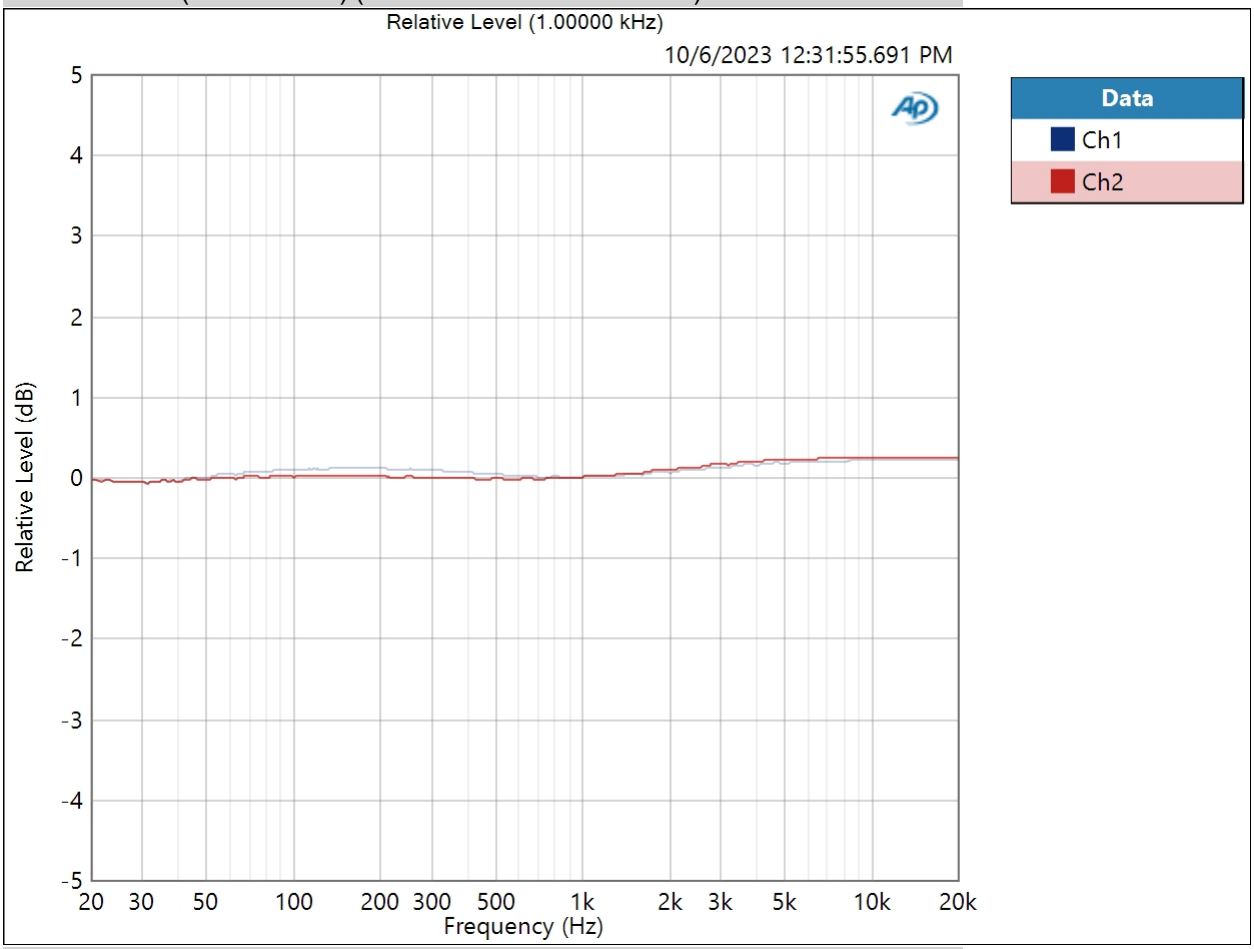


Result: PASSED

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:	350.0 ms
Extend Acquisition By:	2.000 s
Secondary Source:	None
Measured 1	10/6/2023 12:31:55 PM

Relative Level (1.00000 kHz) (10/6/2023 12:31:55.691 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) (10/6/2023 12:31:55.691 PM)

Ch1 ±0.143 dB

Ch2 ±0.160 dB

Deviation (20.0000 Hz - 20.0000 kHz) Parameters

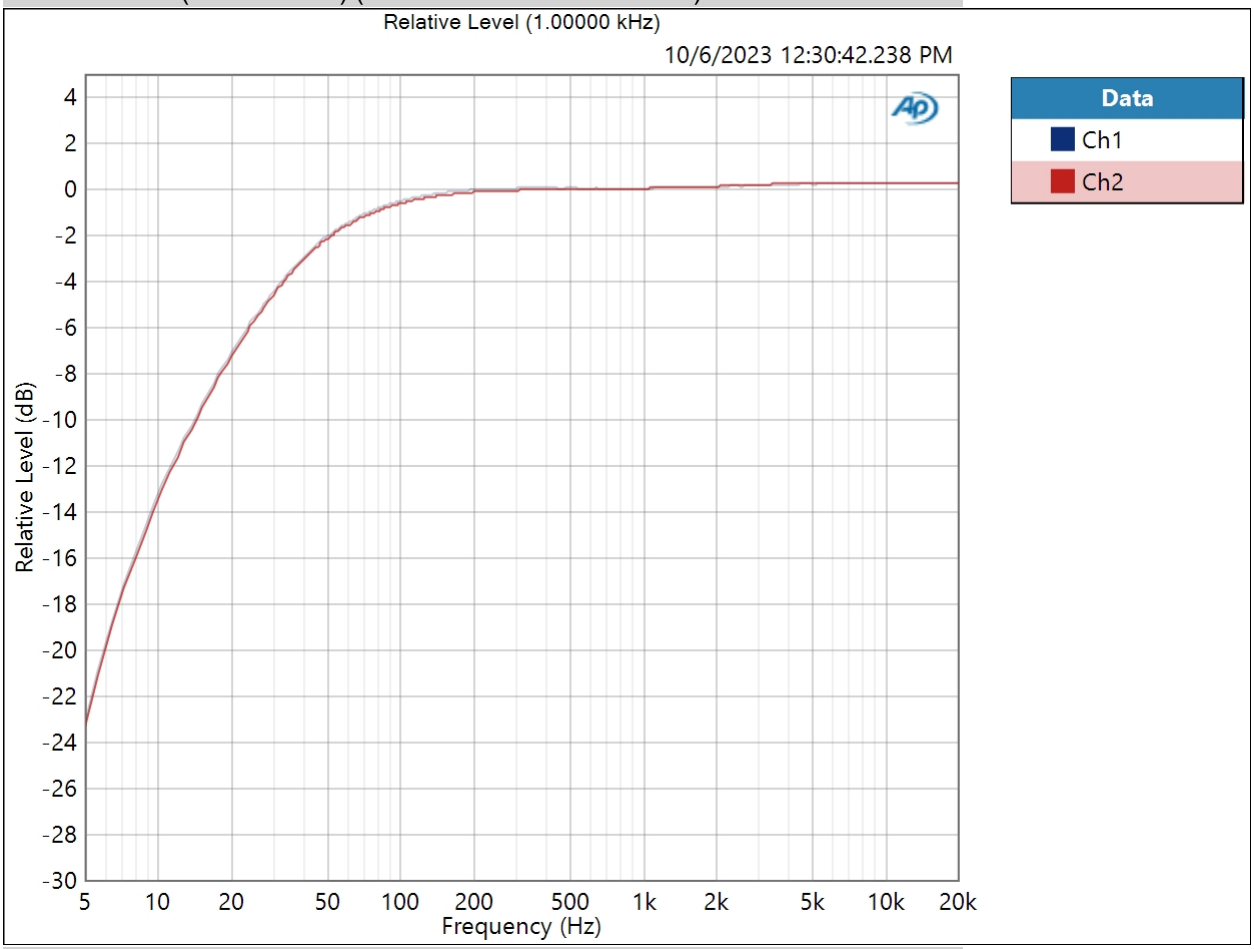
Min: 20.0000 Hz

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	10/6/2023 12:30:42 PM

Relative Level (1.00000 kHz) (10/6/2023 12:30:42.238 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) (10/6/2023 12:30:42.238 PM)

Ch1 ±3.647 dB

Ch2 ±3.747 dB

Deviation (20.0000 Hz - 20.0000 kHz) Parameters

Min: 20.0000 Hz

Max: 20.0000 kHz