



Sequence Report

Audio
precision

Pre-Sequence Inputs:

ID: Chord Mojo 2

Summary

SIG 1 - Scope Views (44.1khz)

1khz Tone View	✓ PASSED
15khz Tone View	✓ PASSED
-90.31dBFS 1khz sine (96khz bandwidth)	✓ PASSED
Filter Ultrasonic Attenuation	✓ PASSED
20hz-90khz Noise RMS Level	✓ PASSED

SIG 2 - Main Measurements (44.1khz)

Output Level (Vrms)	✓ PASSED
Frequency Response (Audible Band)	✓ PASSED
-90.31dBFS 1khz sine (20khz Bandwidth)	✓ PASSED
20hz-20khz Noise RMS Level	✓ PASSED
Idle Noise FFT	✓ PASSED
1khz FFT (0dbfs)	✓ PASSED
1khz FFT (-3dbfs)	✓ PASSED
50khz FFT (0dbfs)	✓ PASSED
50hz FFT (-3dbfs)	✓ PASSED
Effective Number of Bits 0dbfs	✓ PASSED
Effective Number of Bits -3dbfs	✓ PASSED
THD+N 0dbfs	✓ PASSED
THD+N -3dbfs	✓ PASSED
THD+N/Frequency	✓ PASSED
Dynamic Range - AES17	✓ PASSED
Signal to Noise Ratio	✓ PASSED
IMD (SMPTE)	✓ PASSED
50hz/7khz IMD SMPTE FFT	✓ PASSED
IMD Level Sweep (SMPTE)	✓ PASSED
Linearity	✓ PASSED
Linearity (No Bandpass)	✓ PASSED
Crosstalk Sweep, One Channel Driven	✓ PASSED
DC Offset (active)	✓ PASSED
DC Offset (idle)	✓ PASSED

SIG 3 - 44.1khz Jitter	
44.1khz J-Test (Jitter)	✔ PASSED
SIG 4 - 48khz Jitter	
48khz J-Test (Jitter)	✔ PASSED
SIG 4 - Multitone and bandwidth (192khz)	
90khz Bandwidth	✔ PASSED
32 Tone Test	✔ PASSED
THD+N vs frequency (90khz band limit)	✔ PASSED
SIG 5 - Wideband and Intersample Overs	
Wideband idle noise	✔ PASSED
1khz 0dbfs wideband	✔ PASSED
1khz -3dbfs wideband	✔ PASSED
Intersample Overs (+3dB)	✔ PASSED
Intersample Overs (+1dB)	✔ PASSED
Sequence Result:	
Sequence Result:	✔ PASSED



Sequence Report

Audio Precision

SIG 1 - Scope Views (44.1kHz) : Signal Path Setup

Output Connector:	ASIO
Asio Device:	ASIO Chord 1.05
Scaling Mode:	Digital
Output Sample Rate:	44.1000 kHz
Output Latency:	Auto
Buffer Size:	1024
Clock Source:	Internal
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) - 90k (192 kHz SR)
Input EQ:	None
Termination:	100 kohm
High Performance Sine Analyzer:	Disabled
Input 2:	None
Device Delay:	0.000 s
• References	
dBr G:	-20.000 dBFS
Shared Frequency Reference:	1.00000 kHz
Analog Input	
dBrA:	4.302 Vrms
dBrB:	4.302 Vrms
dBrA Offset:	0.000 dB
dBrB Offset:	3.000 dB
dB SPL1:	4.302 Vrms
dB SPL2:	10.00 mVrms
dB SPL1 Calibrator Level:	60.000 dB SPL



Sequence Report

Audio Precision

dB SPL2 Calibrator Level:	-31.000 dB SPL
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



Sequence Report

Audio 
precision

SIG 1 - Scope Views (44.1kHz) : 1kHz Tone View

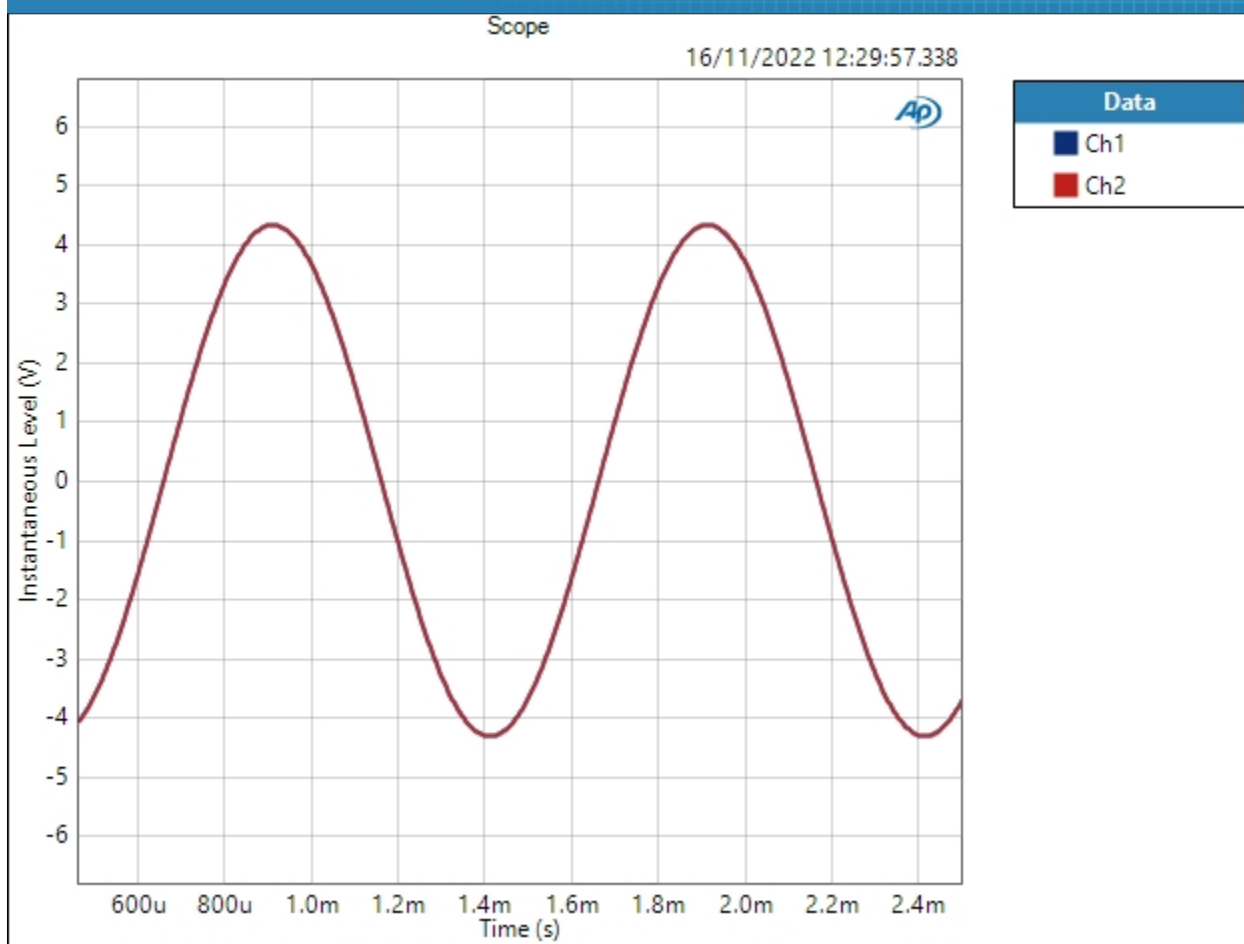
Waveform: Sine
Generator Level: -3.000 dBFS
DC Offset: 0.000 D
Frequency: 1.00000 kHz
Secondary Source: None
Measured 1 16/11/2022 12:29:57
Acquisition Type: Auto
Trigger: Free Run
Delay Time: 250.0 ms
Input Bandwidth: Use Signal Path
FFT Length: 262144
Averaging: Power
Averages: 1
Window: AP-Equiripple
Record Acquisition: False
Recording Type: Multiple Mono PCM (.wav)

Scope (16/11/2022 12:29:57.338)



Sequence Report

Audio precision



Scope Parameters

Interpolated: On

Result: PASSED



Sequence Report

Audio 
precision

SIG 1 - Scope Views (44.1kHz) : 15kHz Tone View

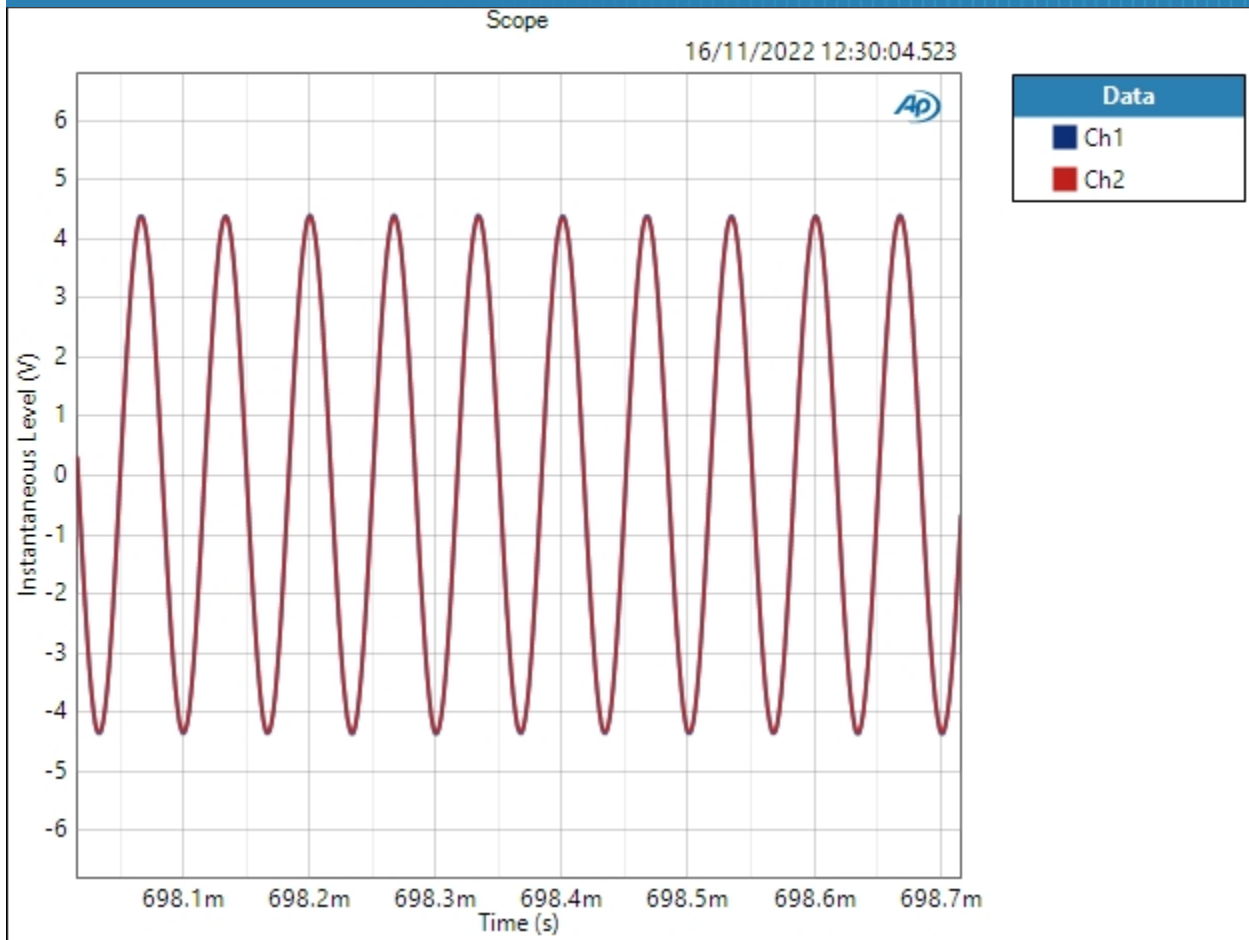
Waveform: Sine
Generator Level: -3.000 dBFS
DC Offset: 0.000 D
Frequency: 15.0000 kHz
Secondary Source: None
Measured 1 16/11/2022 12:30:04
Acquisition Type: Auto
Trigger: Free Run
Delay Time: 250.0 ms
Input Bandwidth: Use Signal Path
FFT Length: 262144
Averaging: Power
Averages: 1
Window: AP-Equiripple
Record Acquisition: False
Recording Type: Multiple Mono PCM (.wav)

Scope (16/11/2022 12:30:04.523)



Sequence Report

Audio
precision



Scope Parameters

Interpolated: On

Result: PASSED



Sequence Report

Audio Precision

SIG 1 - Scope Views (44.1kHz) : -90.31dBFS 1kHz sine (96kHz bandwidth)

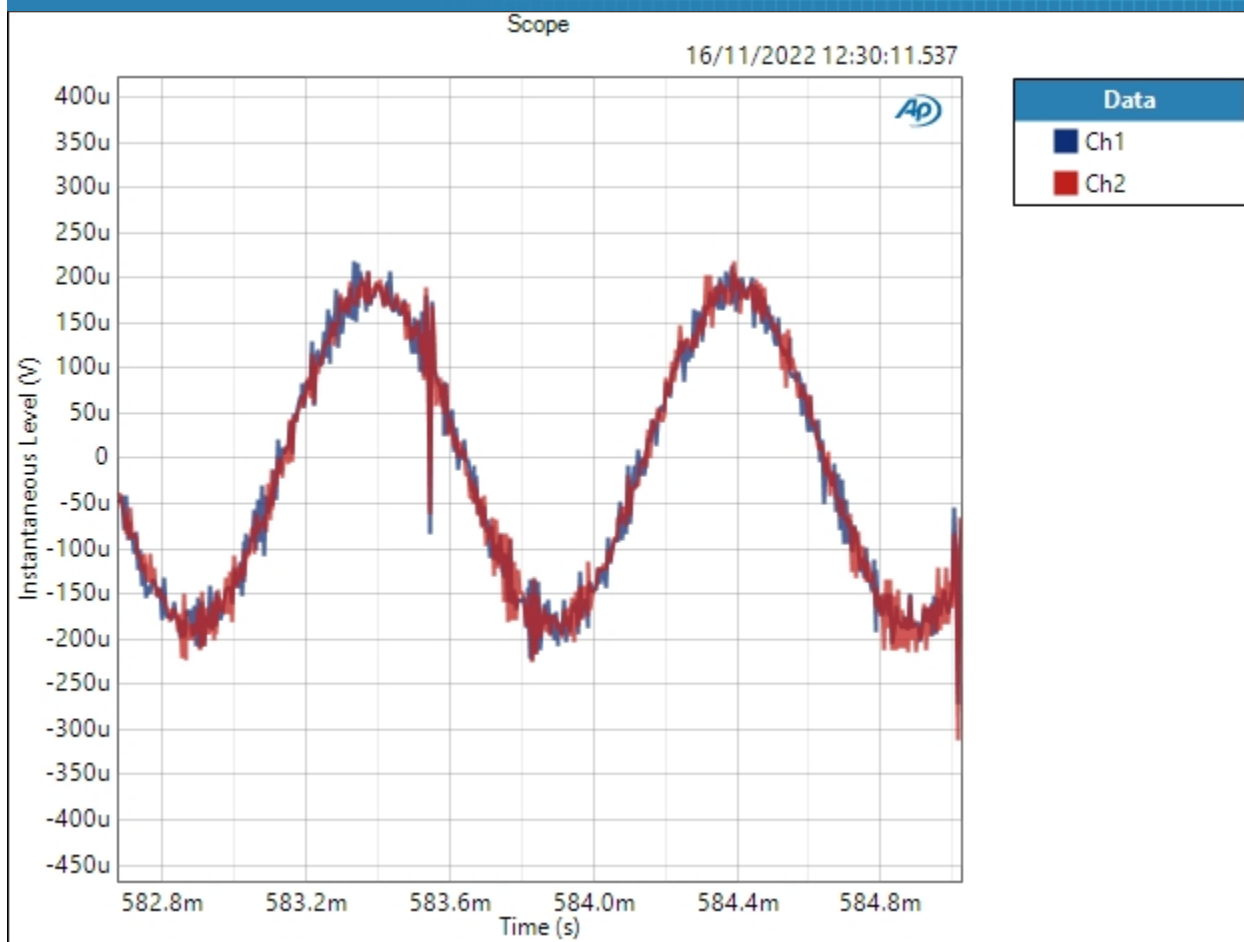
Waveform: Sine
Generator Level: -90.310 dBFS
DC Offset: 0.000 D
Frequency: 1.00000 kHz
Secondary Source: None
Measured 1: 16/11/2022 12:30:11
Acquisition Type: Auto
Trigger: Free Run
Delay Time: 250.0 ms
Input Bandwidth: Use Signal Path
FFT Length: 262144
Averaging: Power
Averages: 1
Window: AP-Equiripple
Record Acquisition: False
Recording Type: Multiple Mono PCM (.wav)

Scope (16/11/2022 12:30:11.537)



Sequence Report

Audio precision



Scope Parameters

Interpolated: On

Result: PASSED



Sequence Report

Audio
precision

SIG 1 - Scope Views (44.1khz) : Filter Ultrasonic Attenuation

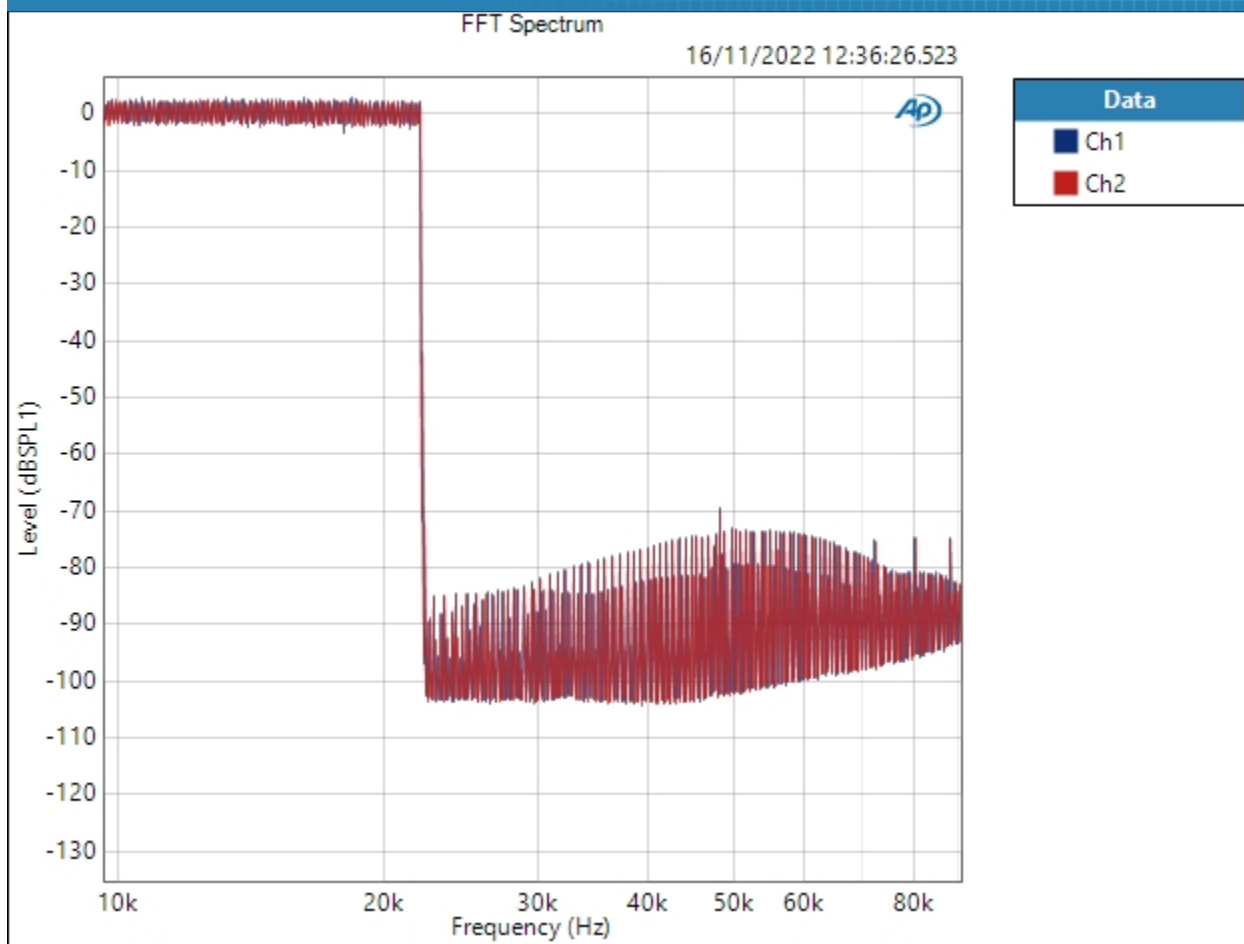
Waveform: Noise
Generator Level: -3.000 dBFS
DC Offset: 0.000 D
Noise Shape: White
Secondary Source: None
Measured 1: 16/11/2022 12:36:26
Acquisition Type: Auto
Trigger: Free Run
Delay Time: 500.0 ms
Input Bandwidth: Use Signal Path
FFT Length: 1248000
Averaging: Power
Averages: 50
Window: AP-Equiripple
Record Acquisition: False
Recording Type: Multiple Mono PCM (.wav)

FFT Spectrum (16/11/2022 12:36:26.523)



Sequence Report

Audio precision



Result: PASSED



Sequence Report

Audio Precision

SIG 1 - Scope Views (44.1kHz) : 20hz-90kHz Noise RMS Level

Waveform: None
High-pass Filter: Elliptic
High-pass Frequency: 20 Hz
Low-pass Filter: Signal Path
Weighting Filter: Signal Path
Acquisition Time: 250.0 ms
Delay Time: 300.0 ms

Noise Level (16/11/2022 12:36:28.670)

Ch1 21.34 uVrms

Ch2 20.87 uVrms



Sequence Report

Audio
precision

SIG 2 - Main Measurements (44.1kHz) : Signal Path Setup

Output Connector:	ASIO
Asio Device:	ASIO Chord 1.05
Scaling Mode:	Digital
Output Sample Rate:	44.1000 kHz
Output Latency:	Auto
Buffer Size:	1024
Clock Source:	Internal
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) - AES17 (20 kHz)
Input EQ:	None
Termination:	100 kohm
High Performance Sine Analyzer:	Enabled
Input 2:	None
Device Delay:	0.000 s
• References	
dBr G:	-20.000 dBFS
Shared Frequency Reference:	1.00000 kHz
Analog Input	
dBrA:	4.302 Vrms
dBrB:	4.302 Vrms
dBrA Offset:	0.000 dB
dBrB Offset:	3.000 dB
dB SPL1:	4.302 Vrms
dB SPL2:	10.00 mVrms
dB SPL1 Calibrator Level:	60.000 dB SPL
dB SPL2 Calibrator Level:	-31.000 dB SPL



Sequence Report

Audio Precision

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

SIG 2 - Main Measurements (44.1kHz) : Output Level (Vrms)

Waveform:	Sine
Generator Level:	-0.000 dBFS
DC Offset:	0.000 D
Frequency:	1.00000 kHz
Low-pass Filter:	Signal Path

RMS Level (16/11/2022 12:36:34.074)

Ch1	4.300 Vrms
Ch2	4.302 Vrms



Sequence Report

Audio Precision

SIG 2 - Main Measurements (44.1kHz) : Frequency Response (Audible Band)

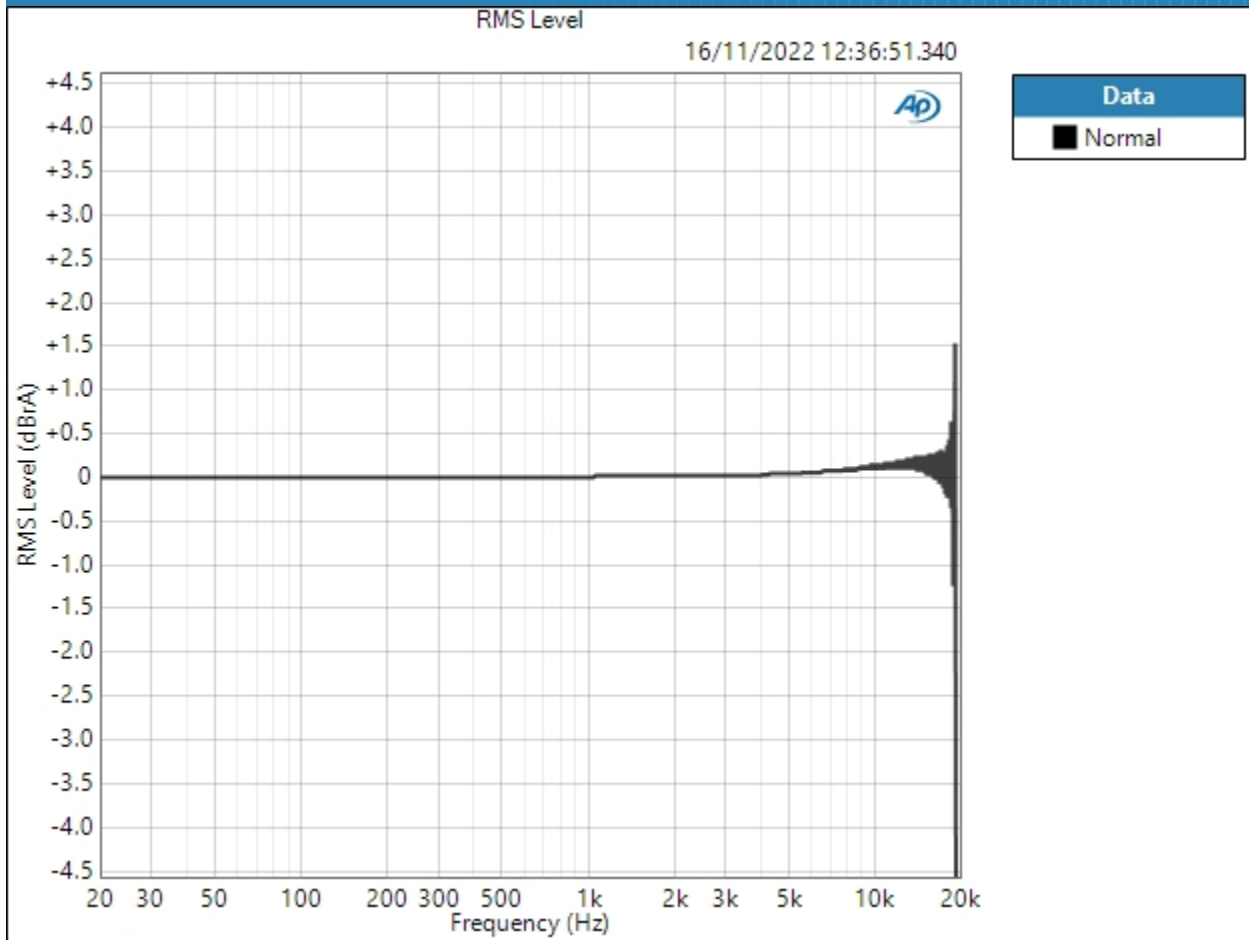
Start Frequency:	20.0000 Hz
Stop Frequency:	22.0500 kHz
Generator Level:	-0.000 dBFS
DC Offset:	0.000 D
EQ:	None
Pre-Sweep:	50.00 ms
Sweep:	5.000 s
Extend Acquisition By:	50.00 ms
Secondary Source:	None
Measured 1	16/11/2022 12:36:51

RMS Level (16/11/2022 12:36:51.340)



Sequence Report

Audio precision



Result: PASSED

Deviation (20.0000 Hz - 4.00000 kHz) (16/11/2022 12:36:51.340)

Ch1 ± 0.016 dB

Ch2 ± 0.014 dB

Deviation (20.0000 Hz - 4.00000 kHz) Parameters

Min: 20.0000 Hz

Max: 4.00000 kHz

11/16/2022 12:57 PM

Page 17 of 82



Sequence Report

Audio 
precision



Sequence Report

Audio
precision

SIG 2 - Main Measurements (44.1kHz) : -90.31dBFS 1kHz sine (20kHz Bandwidth)

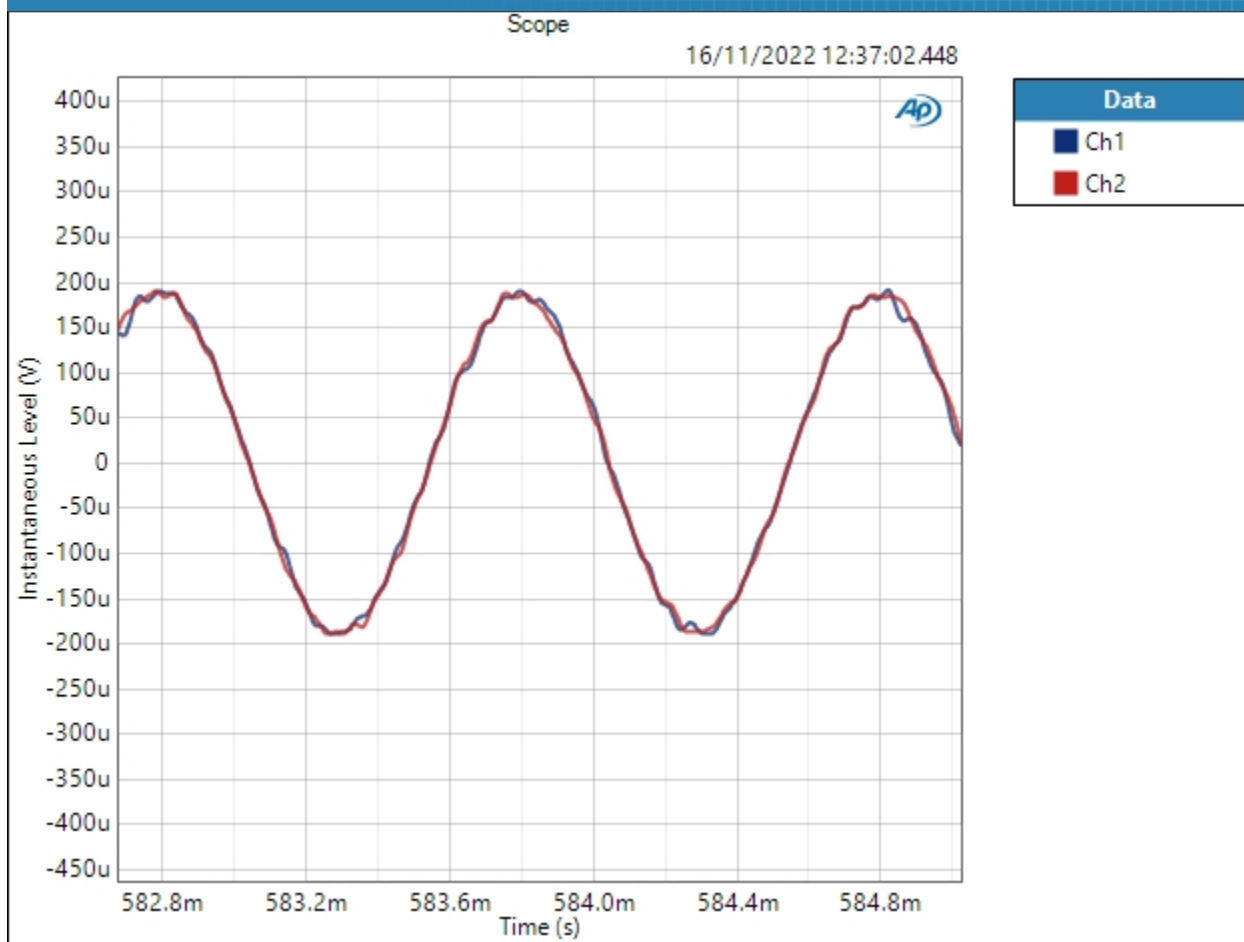
Waveform: Sine
Generator Level: -90.310 dBFS
DC Offset: 0.000 D
Frequency: 1.00000 kHz
Secondary Source: None
Measured 1 16/11/2022 12:37:02
Acquisition Type: Auto
Trigger: Free Run
Delay Time: 250.0 ms
Input Bandwidth: Use Signal Path
FFT Length: 262144
Averaging: Power
Averages: 1
Window: AP-Equiripple
Record Acquisition: False
Recording Type: Multiple Mono PCM (.wav)

Scope (16/11/2022 12:37:02.448)



Sequence Report

Audio precision



Scope Parameters

Interpolated: On

Result: PASSED



Sequence Report

Audio 
precision

SIG 2 - Main Measurements (44.1kHz) : 20hz-20khz Noise RMS Level

Waveform:	None
High-pass Filter:	Elliptic
High-pass Frequency:	20 Hz
Low-pass Filter:	Elliptic
Low-pass Frequency:	20 kHz
Weighting Filter:	Signal Path
Acquisition Time:	250.0 ms
Delay Time:	300.0 ms

Noise Level (16/11/2022 12:37:07.351)

Ch1 4.968 uVrms

Ch2 4.526 uVrms



Sequence Report

Audio
precision

SIG 2 - Main Measurements (44.1kHz) : Idle Noise FFT

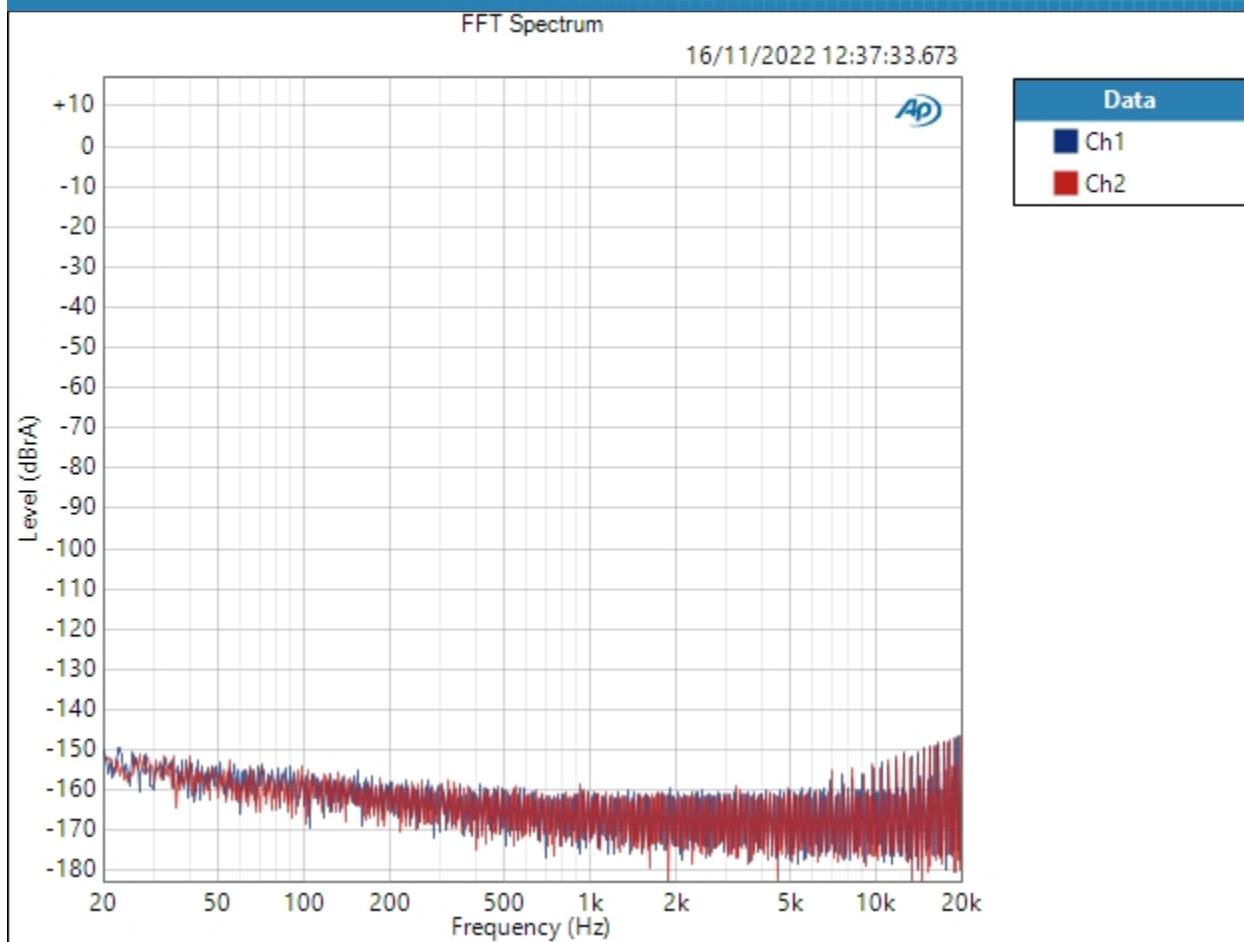
Waveform: Sine
Generator Level: $-\infty$ dBFS
DC Offset: 0.000 D
Frequency: 1.00000 kHz
Secondary Source: None
Measured 1: 16/11/2022 12:37:33
Acquisition Type: Auto
Trigger: Free Run
Delay Time: 500.0 ms
Input Bandwidth: Use Signal Path
FFT Length: 262144
Averaging: Power
Averages: 4
Window: AP-Equiripple
Record Acquisition: False
Recording Type: Multiple Mono PCM (.wav)

FFT Spectrum (16/11/2022 12:37:33.673)



Sequence Report

Audio
precision



Result: PASSED



Sequence Report

Audio
precision

SIG 2 - Main Measurements (44.1kHz) : 1kHz FFT (0dbfs)

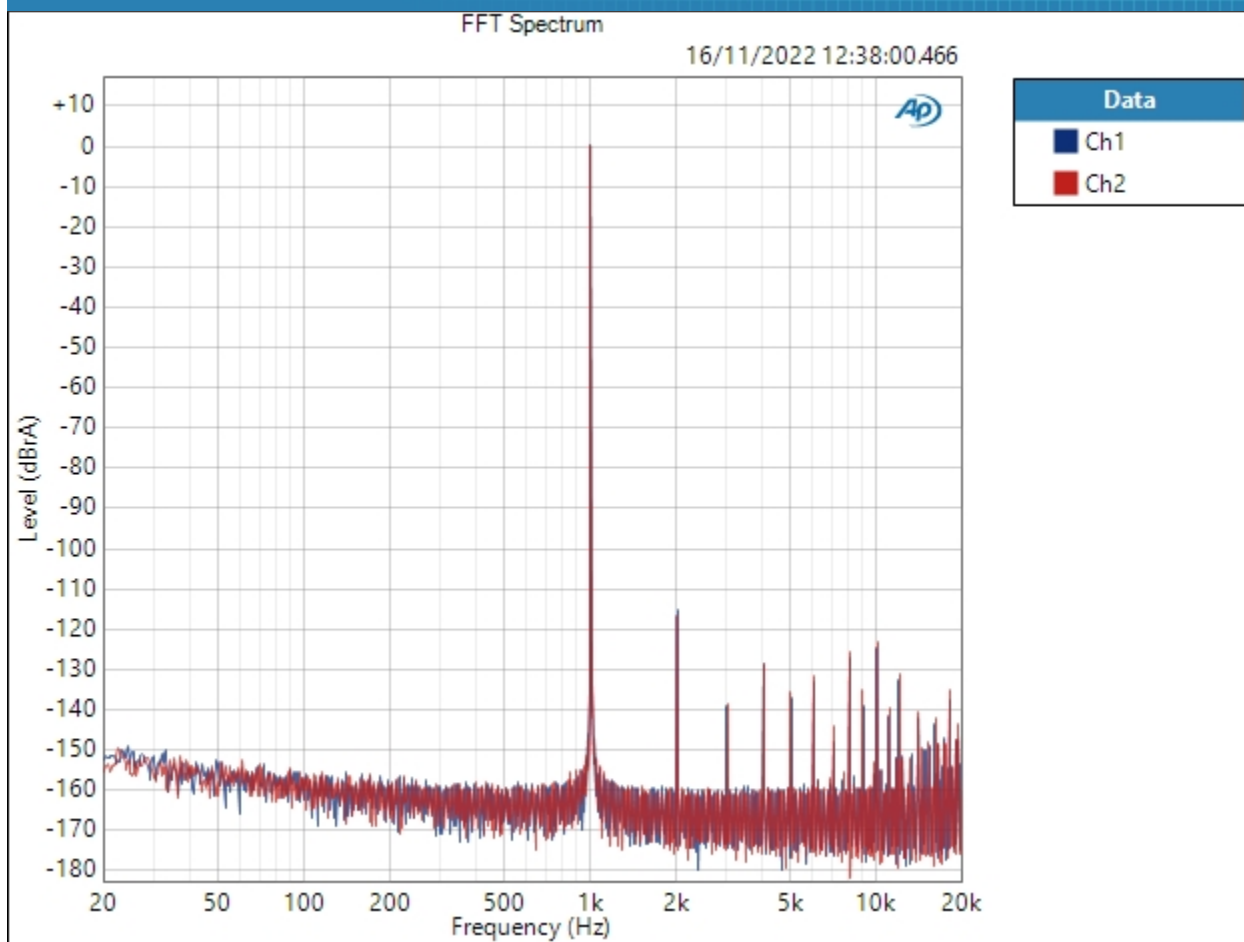
Waveform: Sine
Generator Level: -0.000 dBFS
DC Offset: 0.000 D
Frequency: 1.00000 kHz
Secondary Source: None
Measured 1: 16/11/2022 12:38:00
Acquisition Type: Auto
Trigger: Free Run
Delay Time: 500.0 ms
Input Bandwidth: Use Signal Path
FFT Length: 262144
Averaging: Power
Averages: 4
Window: AP-Equiripple
Record Acquisition: False
Recording Type: Multiple Mono PCM (.wav)

FFT Spectrum (16/11/2022 12:38:00.466)



Sequence Report

Audio precision



Result: PASSED



Sequence Report

Audio 
precision

SIG 2 - Main Measurements (44.1kHz) : 1kHz FFT (-3dbfs)

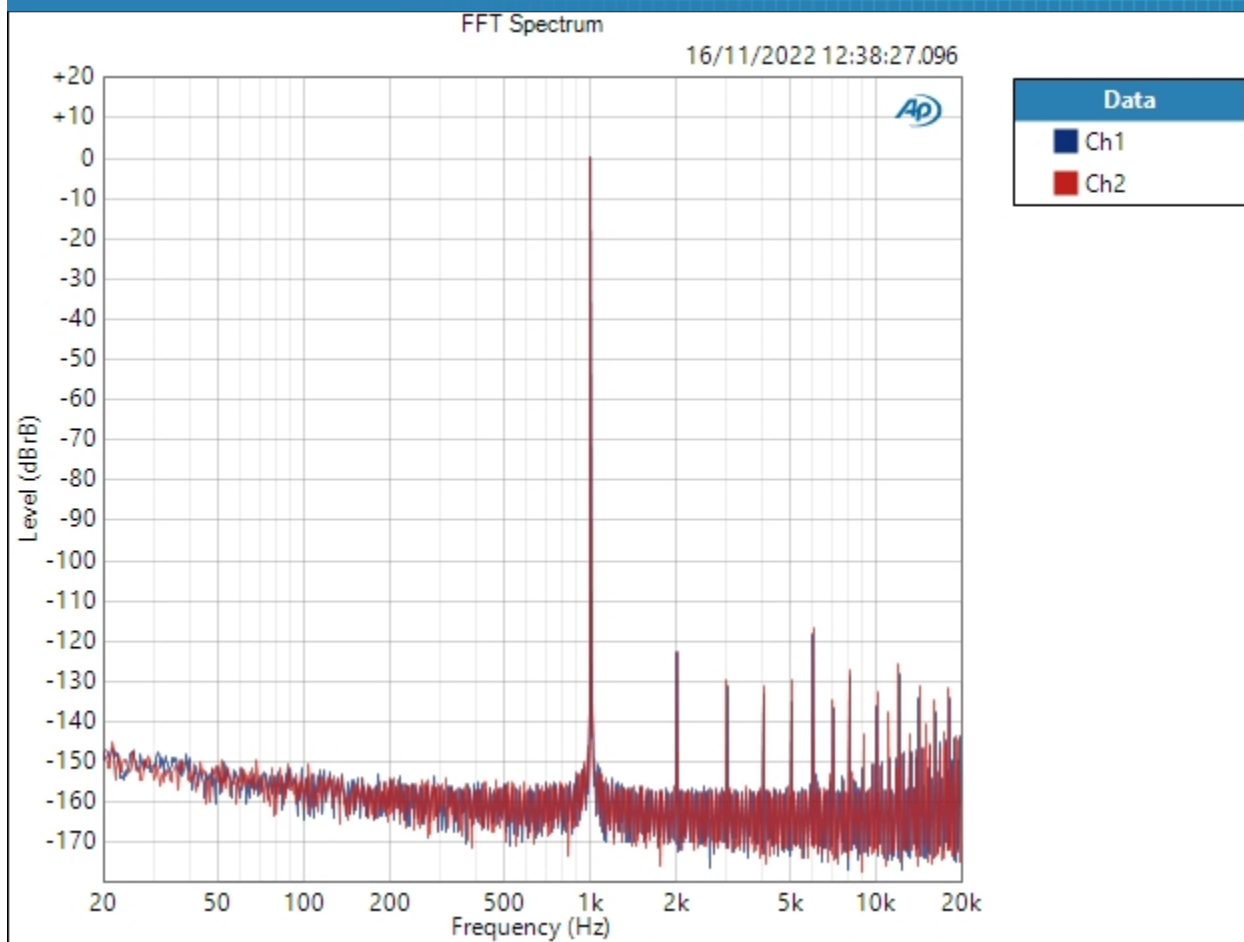
Waveform: Sine
Generator Level: -3.000 dBFS
DC Offset: 0.000 D
Frequency: 1.00000 kHz
Secondary Source: None
Measured 1: 16/11/2022 12:38:27
Acquisition Type: Auto
Trigger: Free Run
Delay Time: 500.0 ms
Input Bandwidth: Use Signal Path
FFT Length: 262144
Averaging: Power
Averages: 4
Window: AP-Equiripple
Record Acquisition: False
Recording Type: Multiple Mono PCM (.wav)

FFT Spectrum (16/11/2022 12:38:27.096)



Sequence Report

Audio precision



Result: PASSED



Sequence Report

Audio 
precision

SIG 2 - Main Measurements (44.1kHz) : 50kHz FFT (0dbfs)

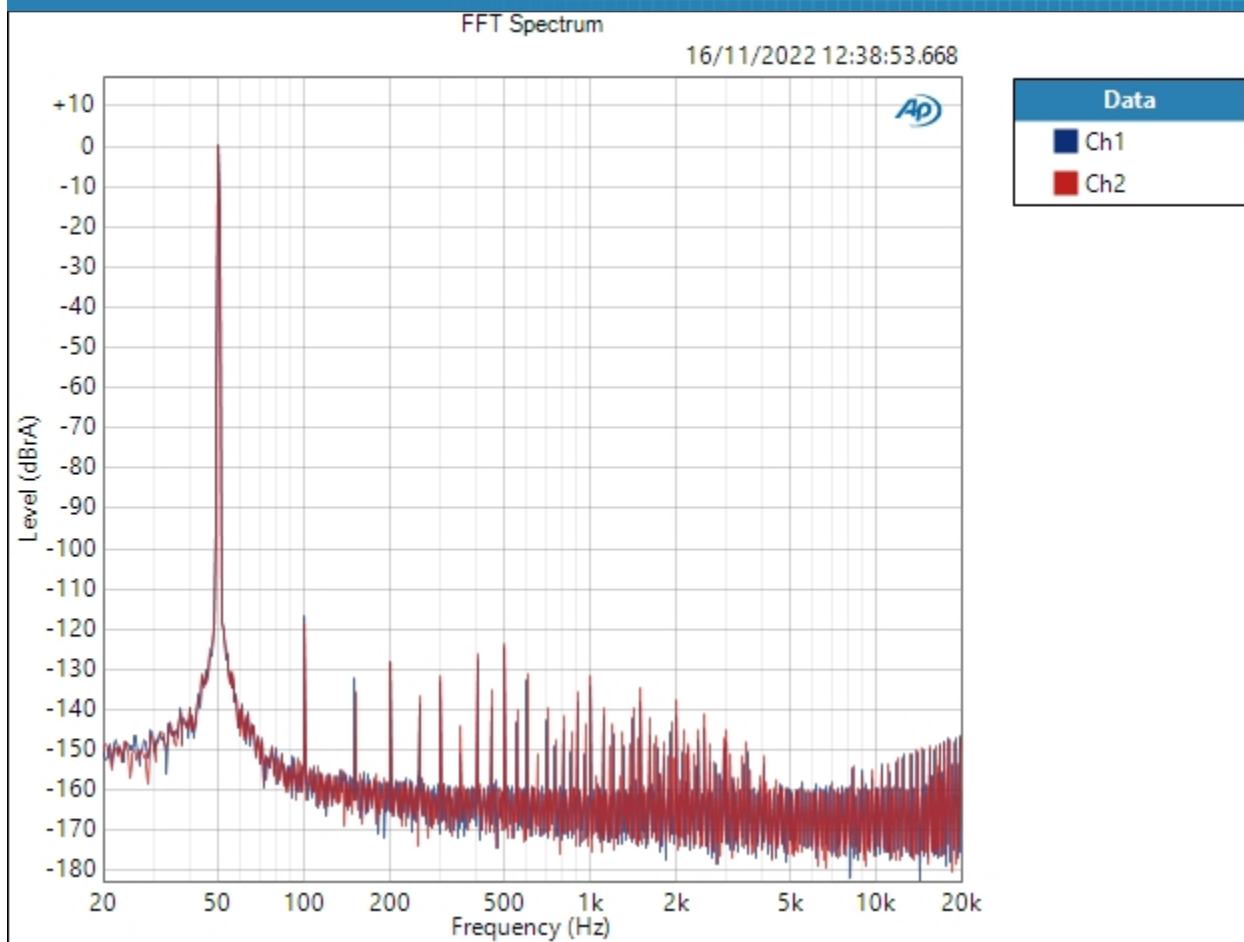
Waveform: Sine
Generator Level: -0.000 dBFS
DC Offset: 0.000 D
Frequency: 50.0000 Hz
Secondary Source: None
Measured 1: 16/11/2022 12:38:53
Acquisition Type: Auto
Trigger: Free Run
Delay Time: 500.0 ms
Input Bandwidth: Use Signal Path
FFT Length: 262144
Averaging: Power
Averages: 4
Window: AP-Equiripple
Record Acquisition: False
Recording Type: Multiple Mono PCM (.wav)

FFT Spectrum (16/11/2022 12:38:53.668)



Sequence Report

Audio precision



Result: PASSED



Sequence Report

Audio 
precision

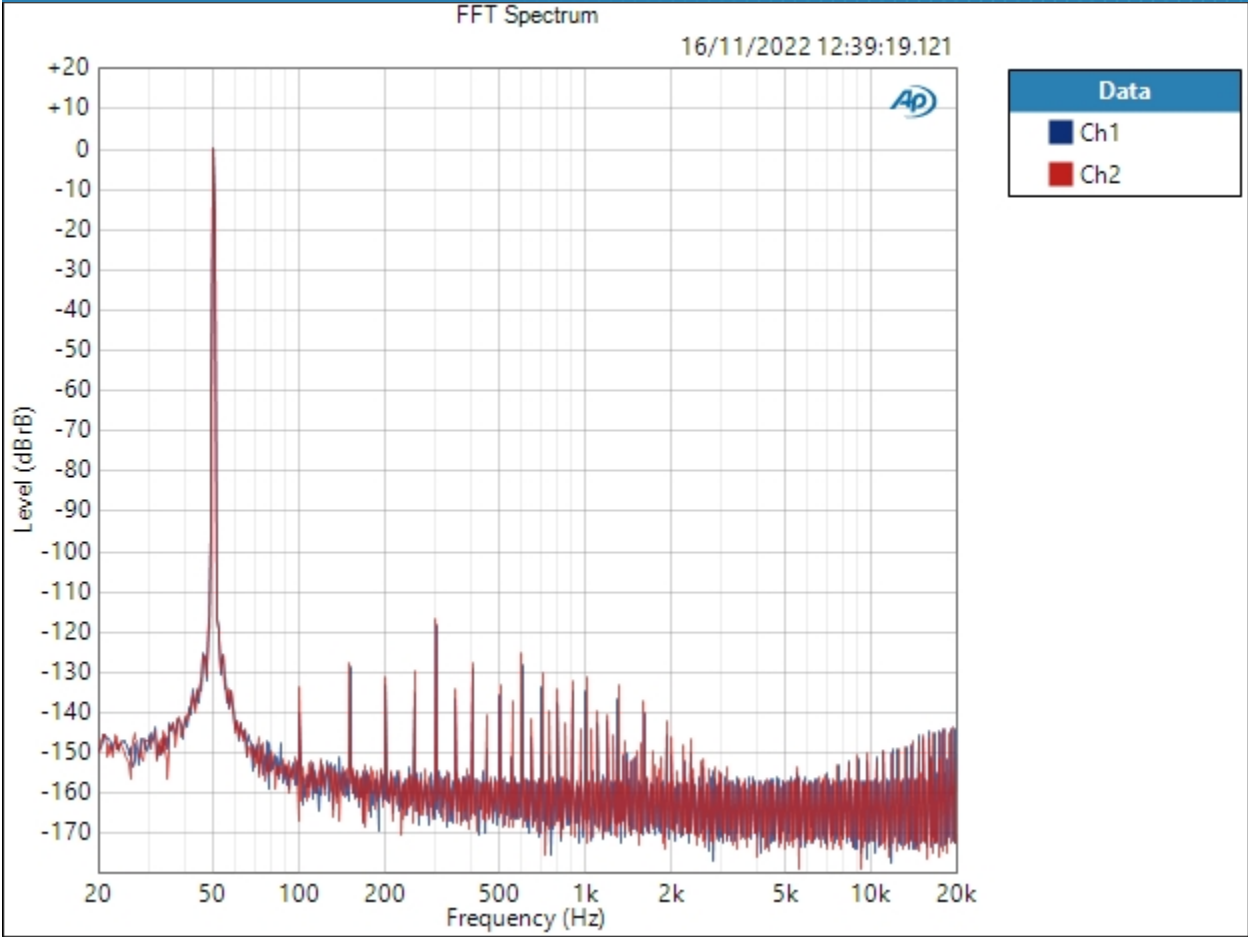
SIG 2 - Main Measurements (44.1kHz) : 50hz FFT (-3dbfs)

Waveform: Sine
Generator Level: -3.000 dBFS
DC Offset: 0.000 D
Frequency: 50.0000 Hz
Secondary Source: None
Measured 1: 16/11/2022 12:39:19
Acquisition Type: Auto
Trigger: Free Run
Delay Time: 250.0 ms
Input Bandwidth: Use Signal Path
FFT Length: 262144
Averaging: Power
Averages: 4
Window: AP-Equiripple
Record Acquisition: False
Recording Type: Multiple Mono PCM (.wav)

FFT Spectrum (16/11/2022 12:39:19.121)



Sequence Report Audio precision



Result: ✔ PASSED



Sequence Report

Audio 
precision

SIG 2 - Main Measurements (44.1kHz) : Effective Number of Bits 0dbfs

Waveform: Sine (1 kHz)
Generator Level: -0.000 dBFS
DC Offset: 0.000 D
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

ENOB (16/11/2022 12:39:22.122)

Ch1 18.4
Ch2 18.5

SIG 2 - Main Measurements (44.1kHz) : Effective Number of Bits -3dbfs

Waveform: Sine (1 kHz)
Generator Level: -3.000 dBFS
DC Offset: 0.000 D
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

ENOB (16/11/2022 12:39:24.346)

Ch1 18.4
Ch2 18.3



Sequence Report



SIG 2 - Main Measurements (44.1kHz) : THD+N 0dbfs

Waveform: Sine
 Generator Level: -0.000 dBFS
 DC Offset: 0.000 D
 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 (16/11/2022 12:39:27.052)

Ch1 0.000235 %
 Ch2 0.000217 %

THD+N Level (16/11/2022 12:39:27.052)

Ch1 -112.581 dBrA
 Ch2 -113.248 dBrA

Noise Level (16/11/2022 12:39:27.052)

Ch1 5.049 uVrms
 Ch2 4.855 uVrms

Distortion Product Ratio (16/11/2022 12:39:27.052)

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	-115.08	-138.34	-128.61	-135.63	-131.95	-144.67	-127.71	-138.43	-124.72
	1.000k	2.000k	3.000k	4.000k	5.000k	6.000k	7.000k	8.000k	9.000k	10.00k
Ch2	-0.00	-116.57	-139.54	-127.59	-136.26	-131.42	-142.71	-125.71	-134.36	-123.24

Distortion Product Ratio Parameters

Frequency Unit: Hz
 Ratio Unit: dB
 Channel: Ch1



Sequence Report

Audio
precision

SIG 2 - Main Measurements (44.1kHz) : THD+N -3dbfs

Waveform: Sine
Generator Level: -3.000 dBFS
DC Offset: 0.000 D
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 (16/11/2022 12:39:29.866)

Ch1 0.000236 %
Ch2 0.000255 %

THD+N Level (16/11/2022 12:39:29.866)

Ch1 -112.559 dBrB
Ch2 -111.877 dBrB

Noise Level (16/11/2022 12:39:29.866)

Ch1 5.016 uVrms
Ch2 4.841 uVrms

Distortion Product Ratio (16/11/2022 12:39:29.866)

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	-122.71	-130.60	-132.16	-135.85	-117.79	-137.26	-128.47	-147.55	-135.84
	1.000k	2.000k	3.000k	4.000k	5.000k	6.000k	7.000k	8.000k	9.000k	10.00k
Ch2	-0.00	-122.58	-129.59	-129.22	-129.63	-116.72	-134.65	-127.24	-141.17	-133.02

Distortion Product Ratio Parameters

Frequency Unit: Hz
Ratio Unit: dB
Channel: Ch1



Sequence Report

Audio
precision

SIG 2 - Main Measurements (44.1kHz) : THD+N/Frequency

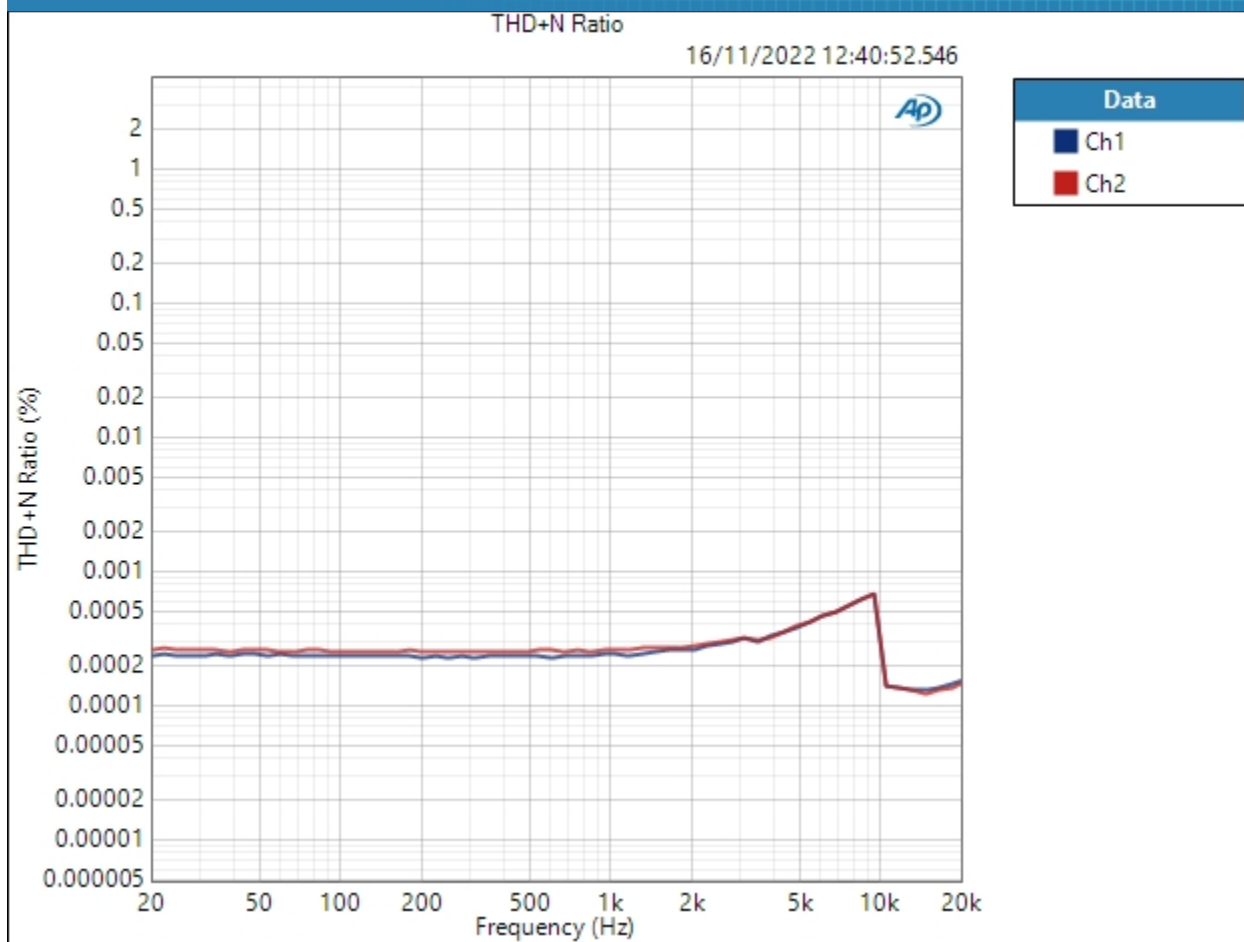
Waveform:	Sine
Generator Level:	-3.000 dBFS
DC Offset:	0.000 D
EQ:	None
Start Frequency:	20.0000 kHz
Stop Frequency:	20.0000 Hz
Step Type:	Logarithmic
Number of Points:	64
High-pass Filter:	Elliptic
High-pass Frequency:	20 Hz
Low-pass Filter:	Signal Path
Weighting Filter:	Signal Path
Phase Ref Channel:	Ch1
Measured 1	16/11/2022 12:40:52

THD+N Ratio (16/11/2022 12:40:52.546)



Sequence Report

Audio precision



Result: PASSED



Sequence Report

Audio
precision

SIG 2 - Main Measurements (44.1kHz) : Dynamic Range - AES17

Waveform: Sine
Generator Level: -0.000 dBFS
DC Offset: 0.000 D
Frequency: 0.99700 kHz
Level Ratio: -60.000 dB
High-pass Filter: Signal Path
Low-pass Filter: Elliptic
Low-pass Frequency: 20 kHz
Weighting Filter: CCIR-2k

Dynamic Range - AES17 (16/11/2022 12:41:00.036)

Ch1 117.731 dB
Ch2 118.617 dB

SIG 2 - Main Measurements (44.1kHz) : Signal to Noise Ratio

Waveform: Sine
Generator Level: -0.000 dBFS
DC Offset: 0.000 D
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 (16/11/2022 12:41:03.571)

Ch1 118.670 dB
Ch2 119.613 dB



Sequence Report



SIG 2 - Main Measurements (44.1kHz) : IMD (SMPTE)

IMD Type: SMPTE
 Waveform: IMD
 Generator Level: -0.000 dBFS
 DC Offset: 0.000 D
 Frequency 1: 60.0000 Hz
 Frequency 2: 7.00000 kHz
 Frequency Ratio: 4:1
 IMD Split: False

SMPTE Ratio (16/11/2022 12:41:05.659)

Ch1 -96.302 dB
 Ch2 -97.240 dB

SMPTE Distortion Product Ratio (16/11/2022 12:41:05.659)

Channel	f1	d5	d4	d3	d2	f2	d2	d3	d4	d5
	60.00	6.760k	6.820k	6.880k	6.940k	7.000k	7.060k	7.120k	7.180k	7.240k
Ch1	11.97	-124.56	-116.01	-112.45	-100.99	0.00	-99.56	-112.42	-113.61	-127.96
	60.00	6.760k	6.820k	6.880k	6.940k	7.000k	7.060k	7.120k	7.180k	7.240k
Ch2	11.98	-125.12	-116.55	-115.08	-101.36	0.00	-99.85	-119.04	-115.02	-128.08

SMPTE Distortion Product Ratio Parameters

Frequency Unit: Hz
 Ratio Unit: dB
 Channel: Ch1



Sequence Report

Audio
precision

SIG 2 - Main Measurements (44.1kHz) : 50hz/7khz IMD SMPTE FFT

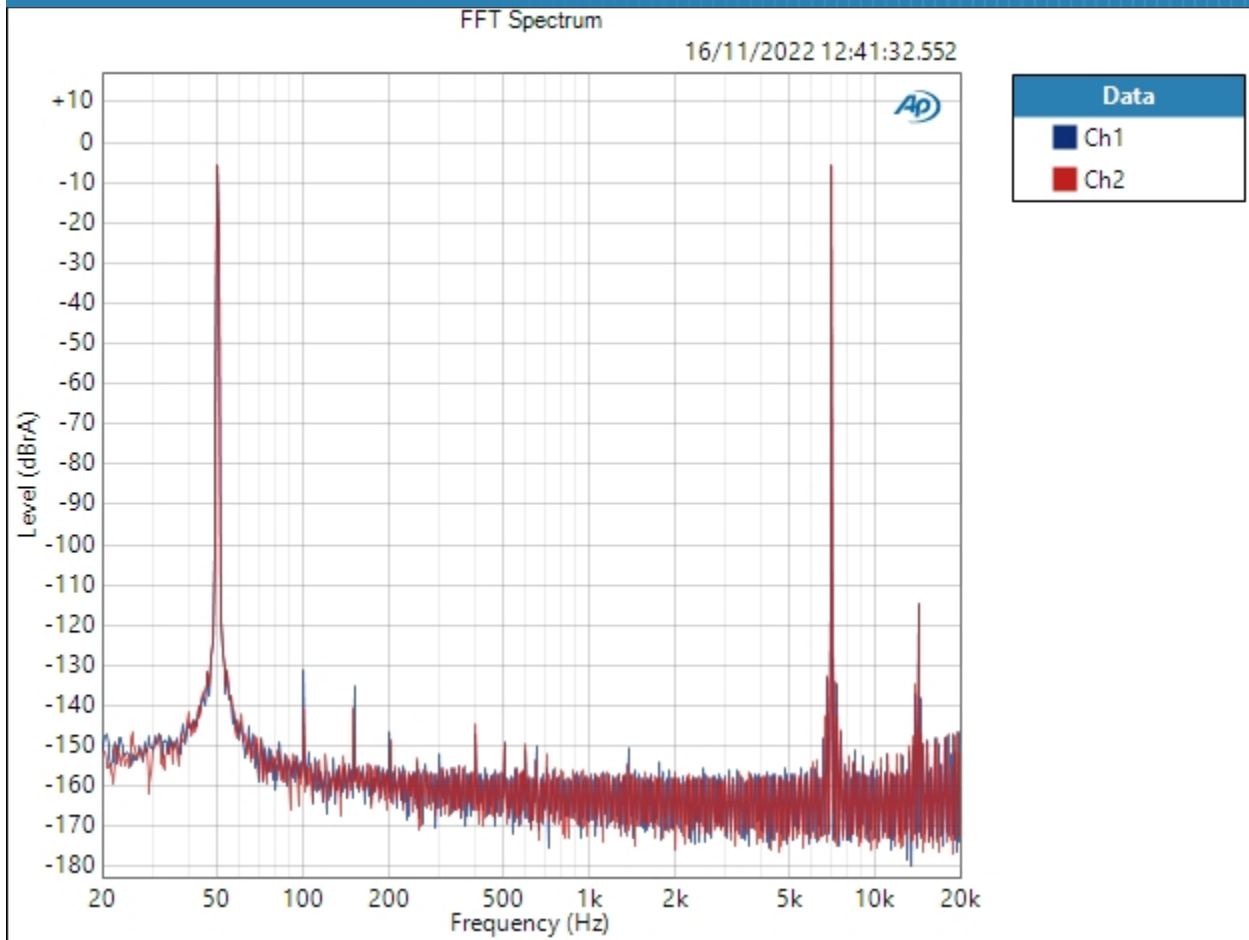
Waveform: Sine, Dual
Generator Level: -0.000 dBFS
DC Offset: 0.000 D
Frequency: 50.0000 Hz
Frequency B: 7.00000 kHz
IMD Split: No
FB:FA Ratio: 1.000 x/y
Secondary Source: None
Measured 1: 16/11/2022 12:41:32
Acquisition Type: Auto
Trigger: Free Run
Delay Time: 500.0 ms
Input Bandwidth: Use Signal Path
FFT Length: 262144
Averaging: Power
Averages: 4
Window: AP-Equiripple
Record Acquisition: False
Recording Type: Multiple Mono PCM (.wav)

FFT Spectrum (16/11/2022 12:41:32.552)



Sequence Report

Audio
precision



Result: PASSED



Sequence Report

Audio 
precision

SIG 2 - Main Measurements (44.1kHz) : IMD Level Sweep (SMPTE)

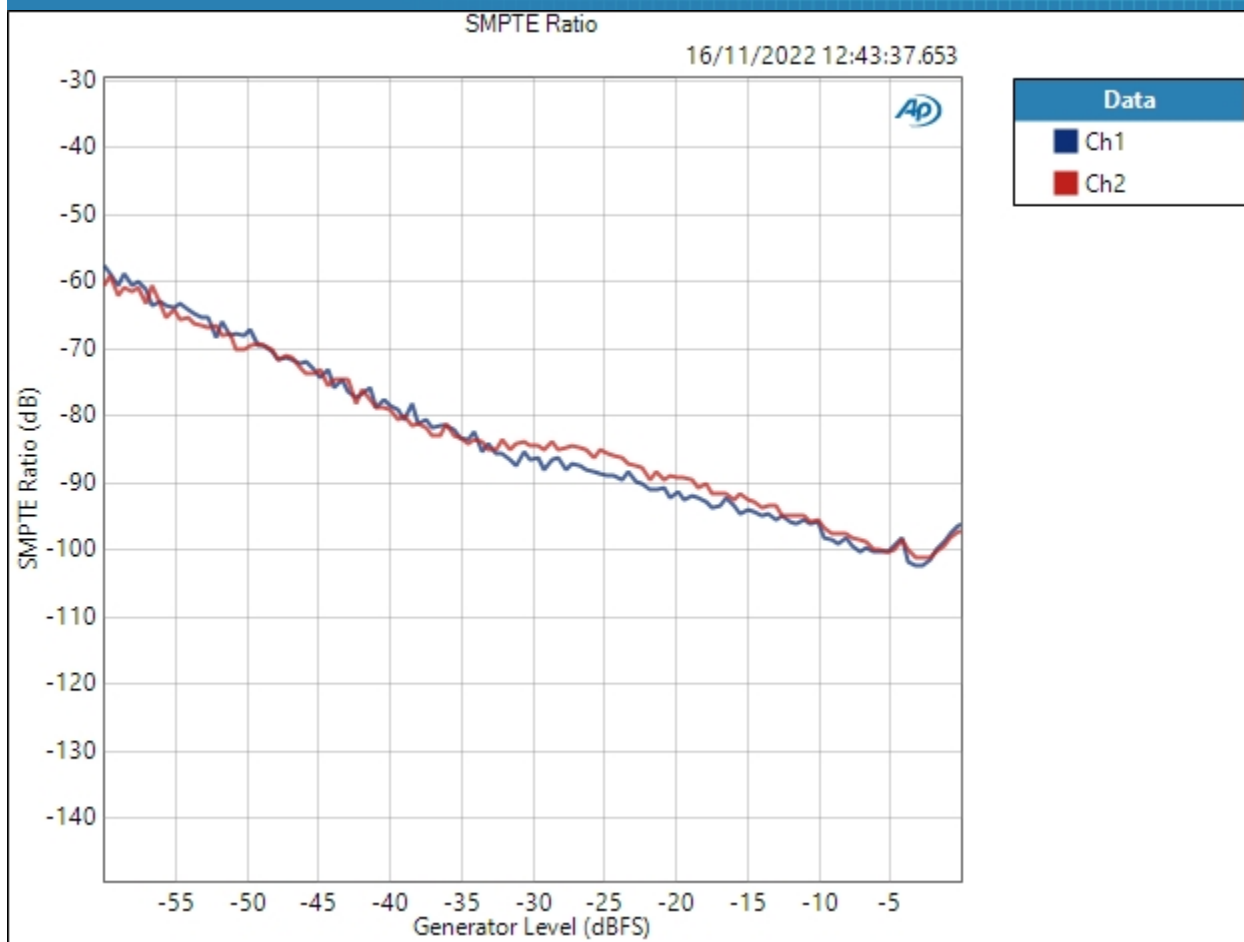
IMD Type: SMPTE
Frequency 1: 60.0000 Hz
Frequency 2: 7.00000 kHz
Frequency Ratio: 4:1
IMD Split: False
Start Level: -60.000 dBFS
Stop Level: -0.000 dBFS
Step Type: Linear
Number of Points: 124
Step Size: +0.488 dBFS
Measured 1 16/11/2022 12:43:37

SMPTE Ratio (16/11/2022 12:43:37.653)



Sequence Report

Audio
precision



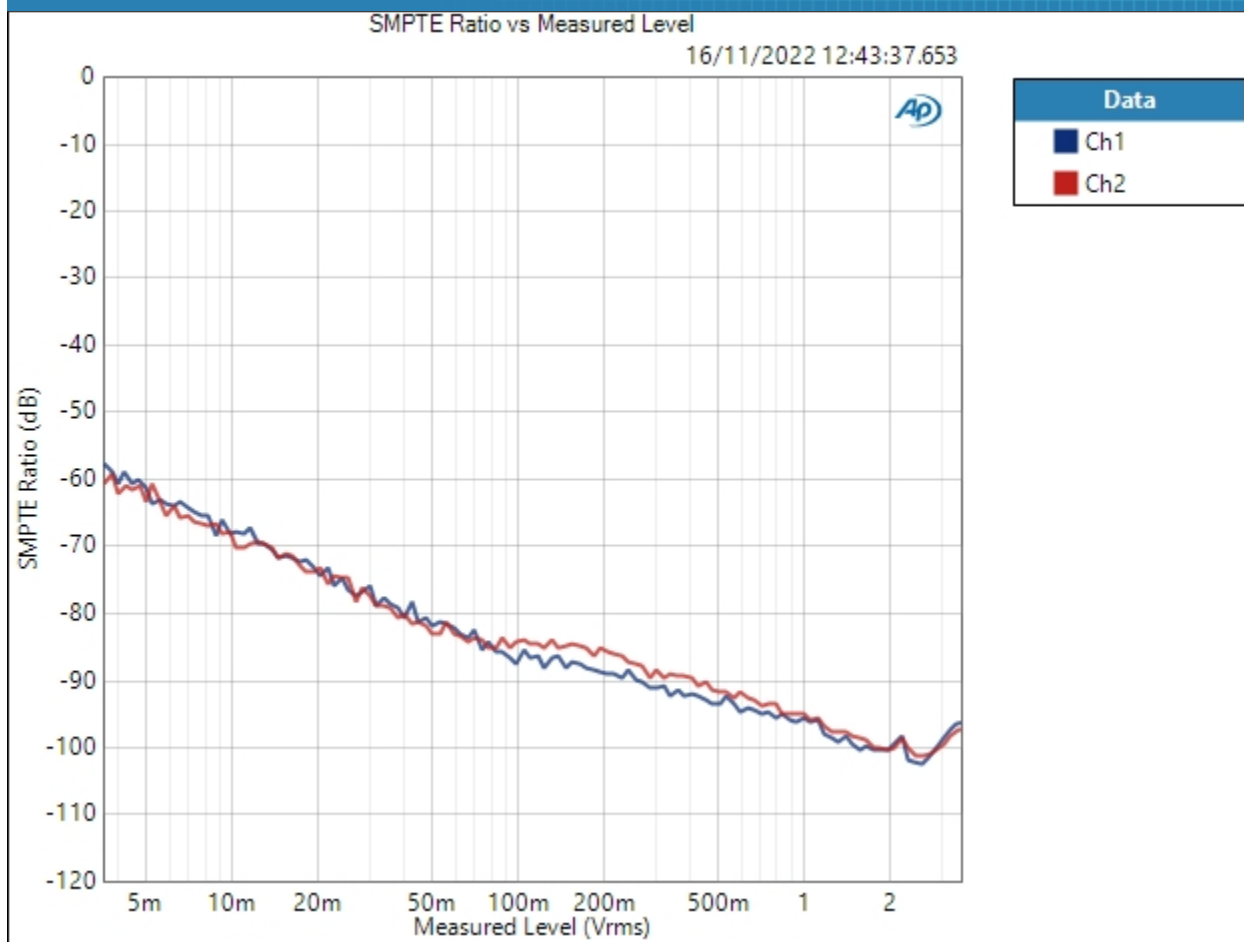
Result: ✔ PASSED

SMPTE Ratio vs Measured Level (16/11/2022 12:43:37.653)



Sequence Report

Audio
precision



Result: PASSED



Sequence Report

Audio 
precision

SIG 2 - Main Measurements (44.1kHz) : Linearity

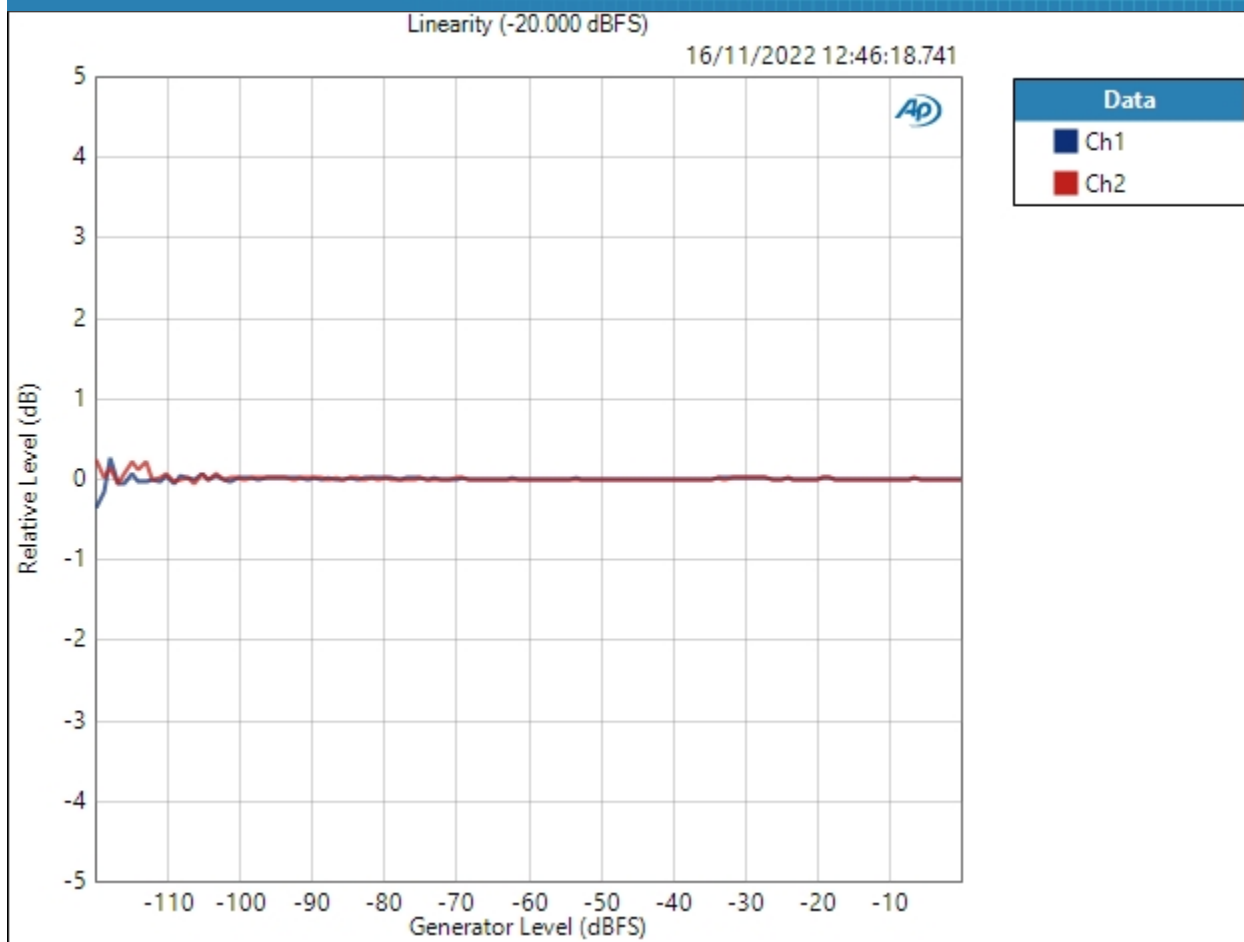
Waveform: Sine
Frequency: 1.00000 kHz
Start Level: -120.000 dBFS
Stop Level: -0.000 dBFS
Step Type: Linear
Number of Points: 124
Step Size: +0.976 dBFS
Offset: 0.000 D
Selectivity: 1/24 octave
Bandpass Tuning Mode: Generator Frequency
Measured 1 16/11/2022 12:46:18

Linearity (-20.000 dBFS) (16/11/2022 12:46:18.741)



Sequence Report

Audio
precision



Linearity (-20.000 dBFS) Parameters

Mode: Normalized at Reference

Relative Level: -20.000 dBFS

Result: PASSED



Sequence Report

Audio
precision

SIG 2 - Main Measurements (44.1kHz) : Linearity (No Bandpass)

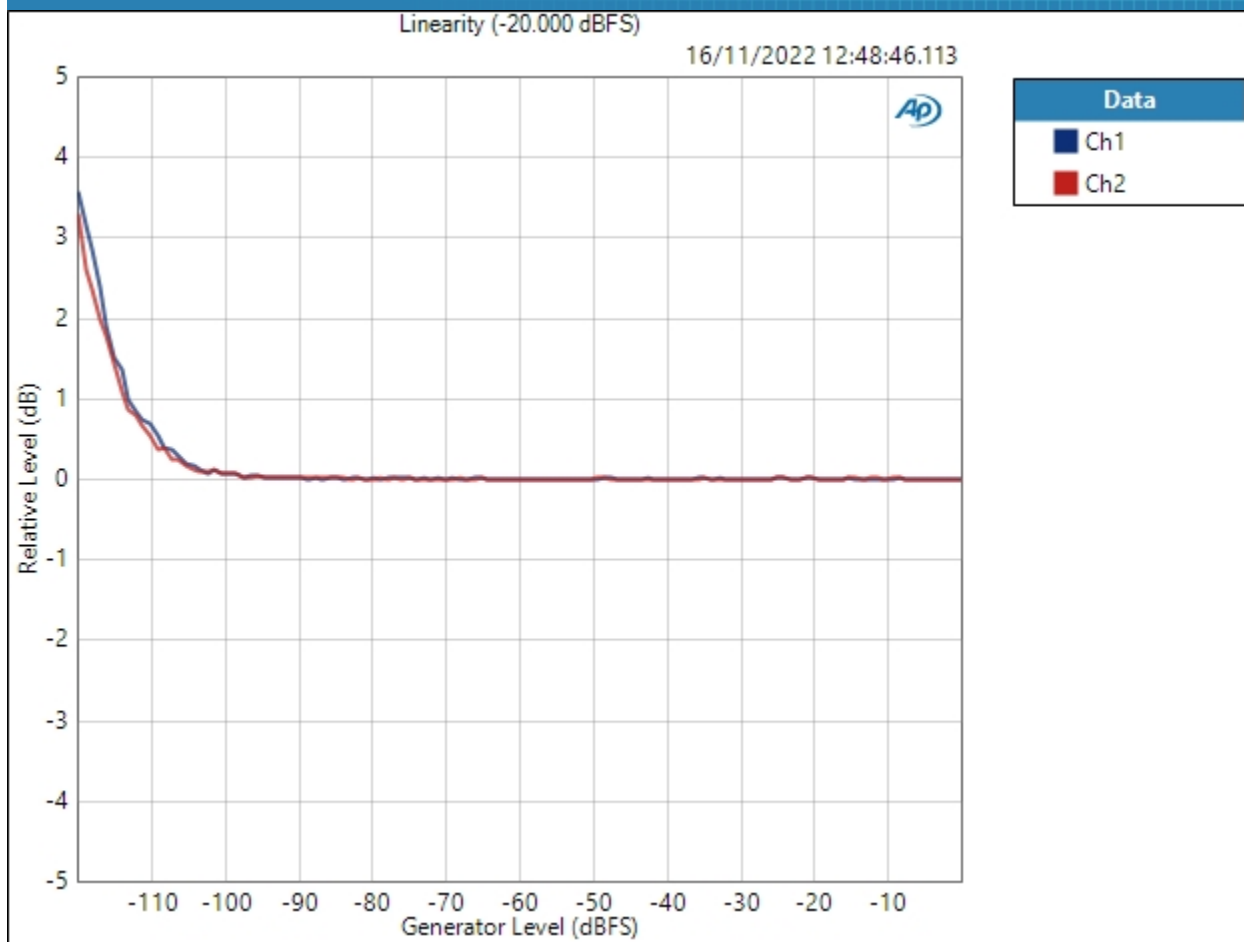
Waveform:	Sine
Frequency:	1.00000 kHz
Start Level:	-120.000 dBFS
Stop Level:	-0.000 dBFS
Step Type:	Linear
Number of Points:	124
Step Size:	+0.976 dBFS
Offset:	0.000 D
High-pass Filter:	Elliptic
High-pass Frequency:	20 Hz
Low-pass Filter:	Elliptic
Low-pass Frequency:	20 kHz
Weighting Filter:	Signal Path
Notch Tuning Mode:	Generator Frequency
Measured 1	16/11/2022 12:48:46

Linearity (-20.000 dBFS) (16/11/2022 12:48:46.113)



Sequence Report

Audio
precision



Linearity (-20.000 dBFS) Parameters

Mode: Normalized at Reference

Relative Level: -20.000 dBFS

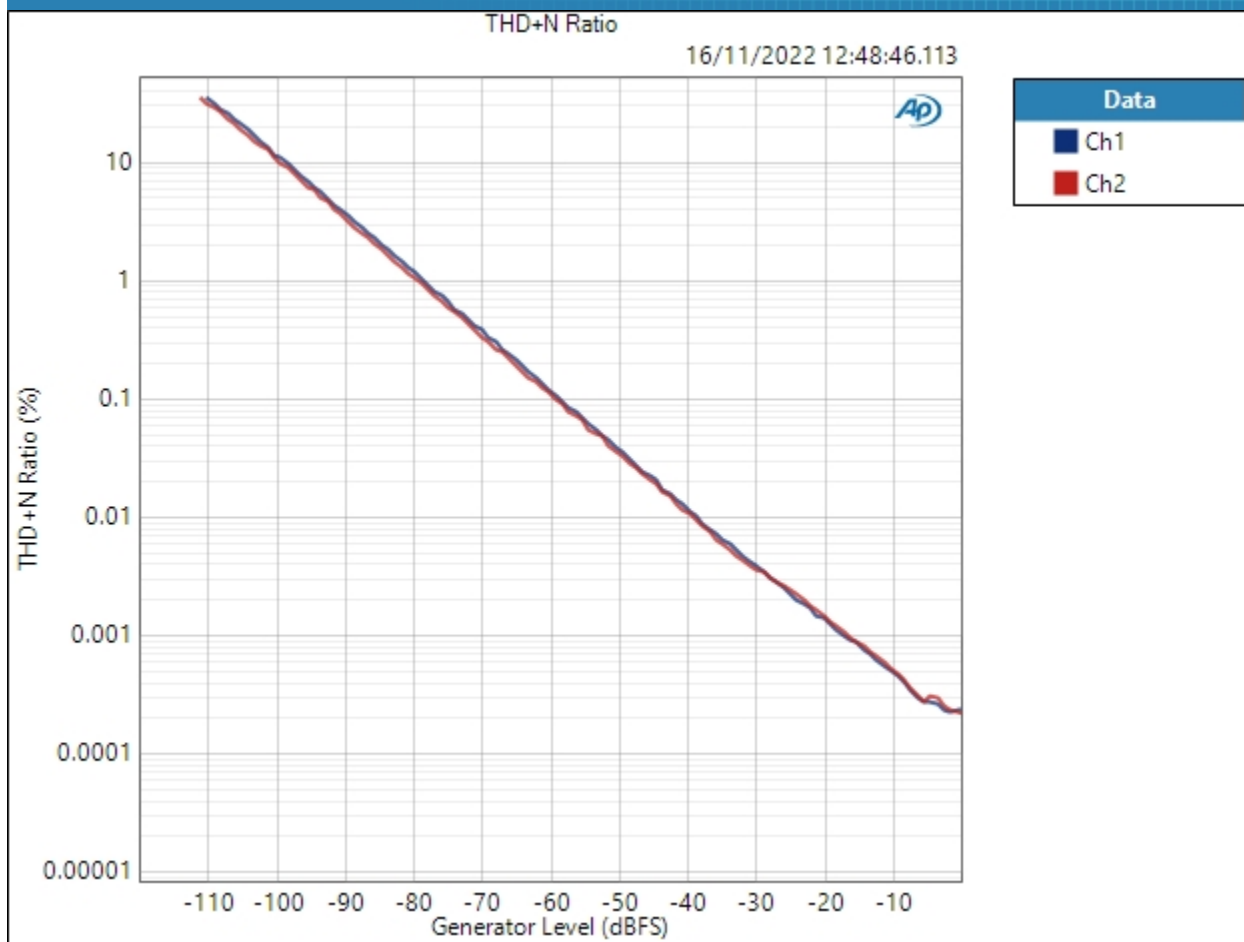
Result: ✔ PASSED

THD+N Ratio (16/11/2022 12:48:46.113)



Sequence Report

Audio
precision



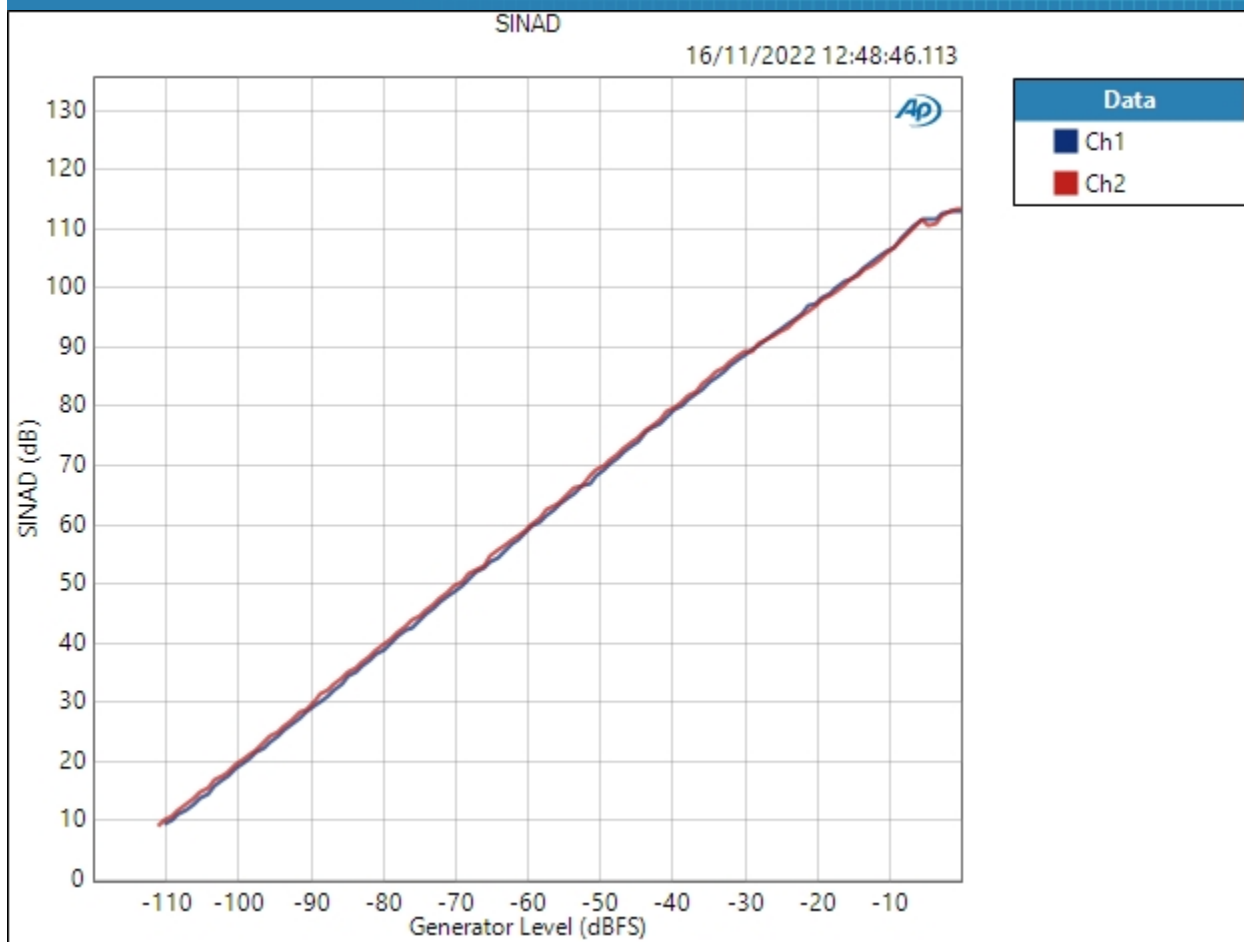
Result: ✔ PASSED

SINAD (16/11/2022 12:48:46.113)



Sequence Report

Audio
precision



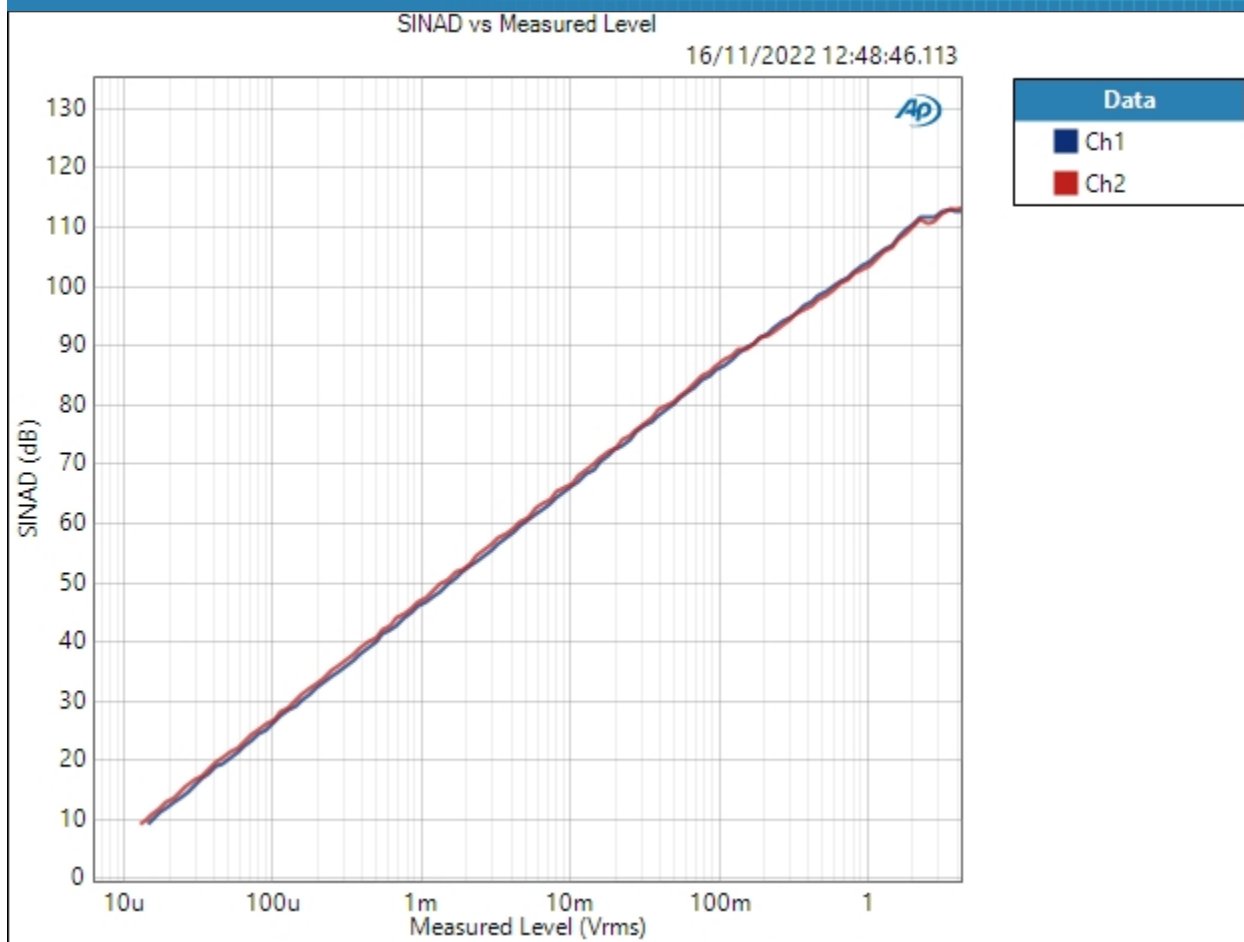
Result: PASSED

SINAD vs Measured Level (16/11/2022 12:48:46.113)



Sequence Report

Audio
precision



Result: PASSED



Sequence Report

Audio
precision

SIG 2 - Main Measurements (44.1kHz) : Crosstalk Sweep, One Channel Driven

Generator Level: -0.000 dBFS

DC Offset: 0.000 D

Start Frequency: 20.0000 kHz

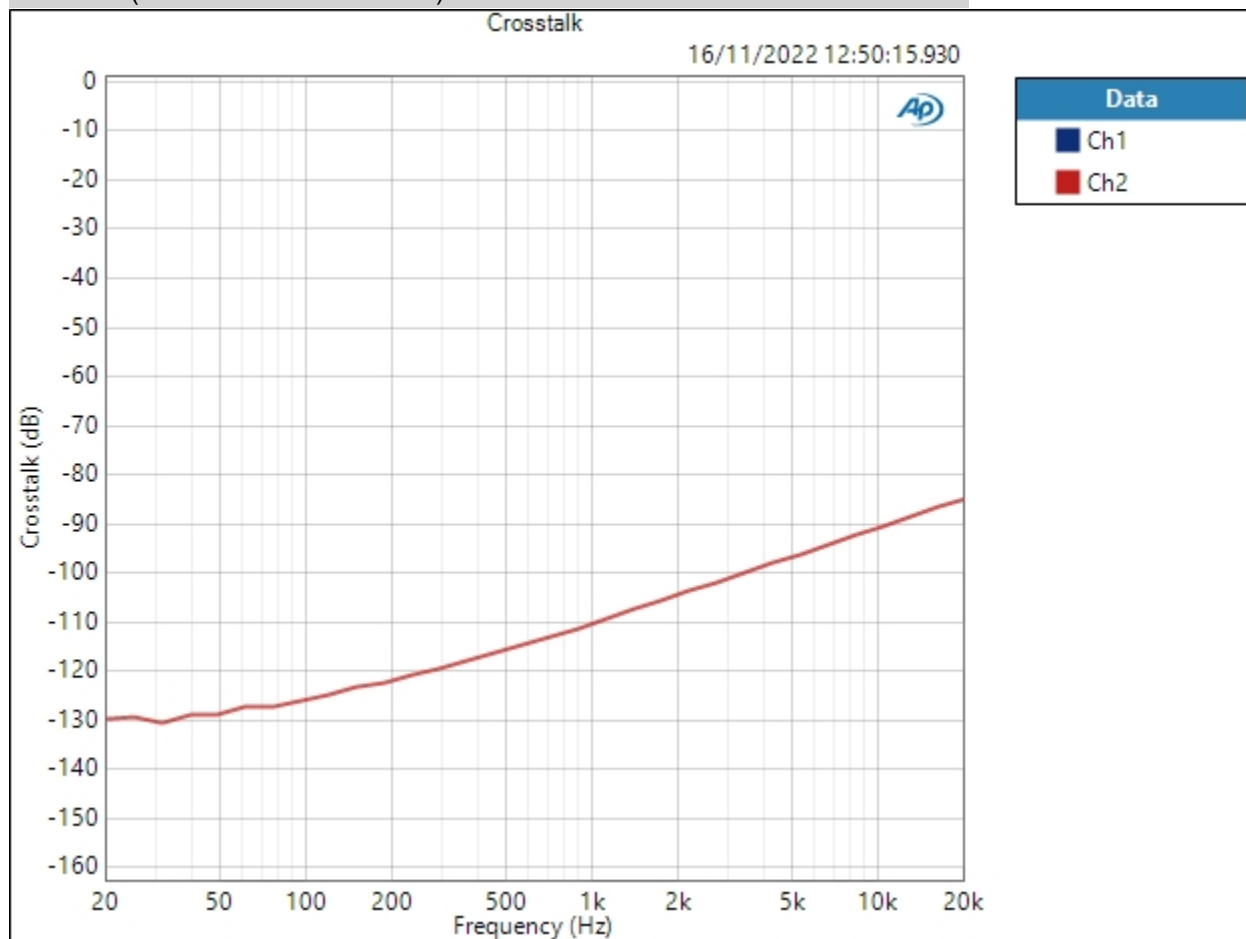
Stop Frequency: 20.0000 Hz

Step Type: Logarithmic

Number of Points: 32

Measured 1 16/11/2022 12:50:15

Crosstalk (16/11/2022 12:50:15.930)





Sequence Report

Audio 
precision

Crosstalk Parameters

Source: Ch1

Result:  PASSED

SIG 2 - Main Measurements (44.1kHz) : DC Offset (active)

Waveform: Sine
Generator Level: -3.000 dBFS
DC Offset: 0.000 D
Frequency: 1.00000 kHz
Delay Time: 400.0 ms
Acquisition Time: 333.0 ms

DC Level (16/11/2022 12:51:50.316)

Ch1 313.6 uV
Ch2 365.7 uV

SIG 2 - Main Measurements (44.1kHz) : DC Offset (idle)

Waveform: Sine
Generator Level: $-\infty$ dBFS
DC Offset: 0.000 D
Frequency: 1.00000 kHz
Delay Time: 100.0 ms
Acquisition Time: 333.0 ms

DC Level (16/11/2022 12:51:56.696)

Ch1 126.8 uV
Ch2 1.099 mV



Sequence Report

Audio
precision

SIG 3 - 44.1kHz Jitter : Signap Path Setup

Output Connector:	ASIO
Asio Device:	ASIO Chord 1.05
Scaling Mode:	Digital
Output Sample Rate:	44.1000 kHz
Output Latency:	Auto
Buffer Size:	1024
Clock Source:	Internal
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) - 90k (192 kHz SR)
Input EQ:	None
Termination:	100 kohm
High Performance Sine Analyzer:	Disabled
Input 2:	None
Device Delay:	0.000 s
• References	
dBr G:	-20.000 dBFS
Shared Frequency Reference:	1.00000 kHz
Analog Input	
dBrA:	4.302 Vrms
dBrB:	4.302 Vrms
dBrA Offset:	0.000 dB
dBrB Offset:	3.000 dB
dB SPL1:	4.302 Vrms
dB SPL2:	10.00 mVrms
dB SPL1 Calibrator Level:	60.000 dB SPL
dB SPL2 Calibrator Level:	-31.000 dB SPL



Sequence Report

Audio 
precision

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



Sequence Report

Audio 
precision

SIG 3 - 44.1kHz Jitter : 44.1kHz J-Test (Jitter)

Waveform: J-test_44k_PCM24_LR.wav

Bit Exact: True

Start Offset (sec): 0.000 s

Secondary Source: None

Measured 1 16/11/2022 12:53:02

Acquisition Type: Auto

Trigger: Free Run

Delay Time: 500.0 ms

Input Bandwidth: Use Signal Path

FFT Length: 1248000

Averaging: Power

Averages: 8

Window: AP-Equiripple

Record Acquisition: False

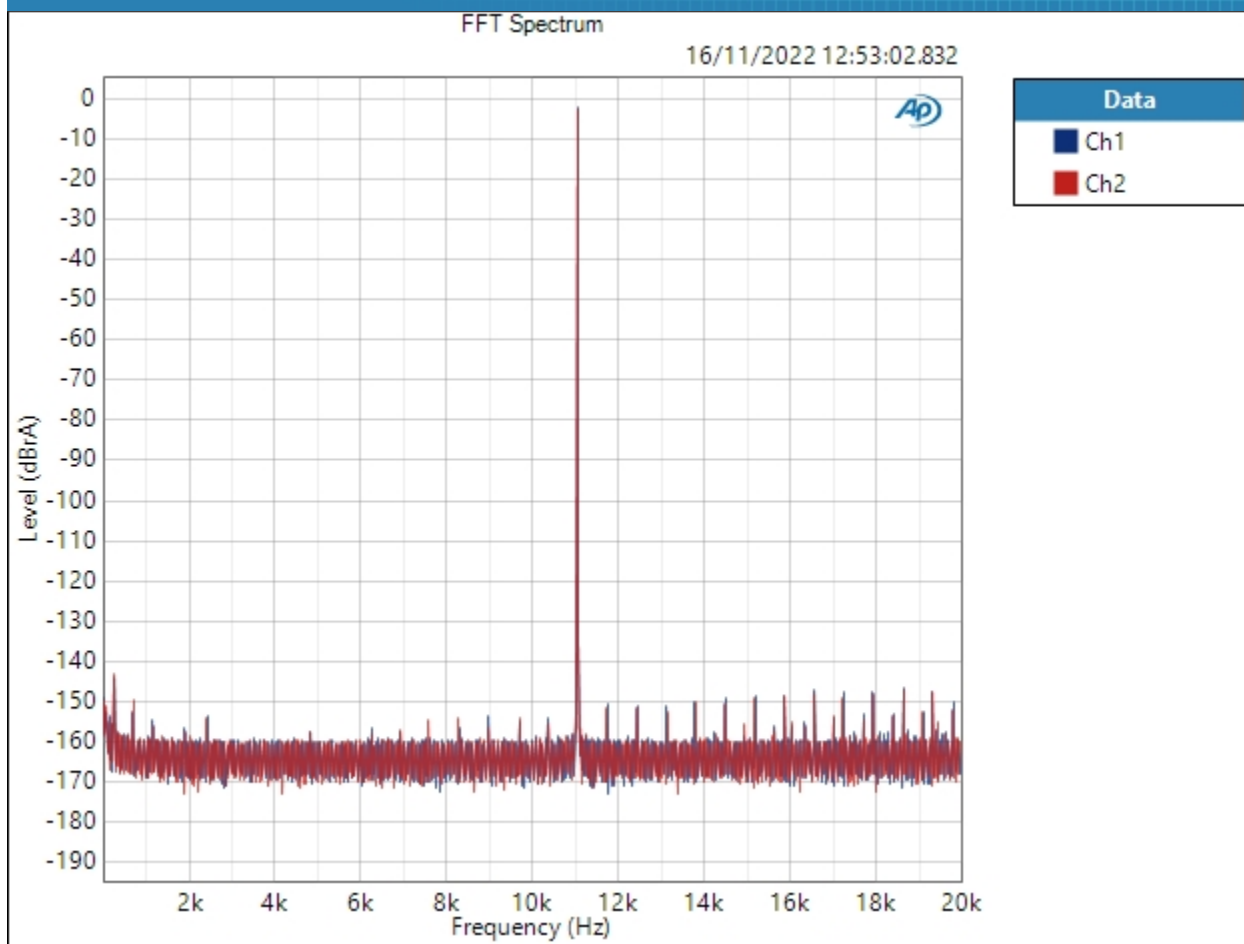
Recording Type: Multiple Mono PCM (.wav)

FFT Spectrum (16/11/2022 12:53:02.832)



Sequence Report

Audio precision



Result: PASSED



Sequence Report

Audio
precision

SIG 4 - 48kHz Jitter : Signap Path Setup

Output Connector:	ASIO
Asio Device:	ASIO Chord 1.05
Scaling Mode:	Digital
Output Sample Rate:	48.0000 kHz
Output Latency:	Auto
Buffer Size:	1024
Clock Source:	Internal
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) - AES17 (20 kHz)
Input EQ:	None
Termination:	100 kohm
High Performance Sine Analyzer:	Disabled
Input 2:	None
Device Delay:	0.000 s
• References	
dBr G:	-20.000 dBFS
Shared Frequency Reference:	1.00000 kHz
Analog Input	
dBrA:	4.302 Vrms
dBrB:	4.302 Vrms
dBrA Offset:	0.000 dB
dBrB Offset:	3.000 dB
dB SPL1:	4.302 Vrms
dB SPL2:	10.00 mVrms
dB SPL1 Calibrator Level:	60.000 dB SPL
dB SPL2 Calibrator Level:	-31.000 dB SPL



Sequence Report

Audio 
precision

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



Sequence Report

Audio 
precision

SIG 4 - 48khz Jitter : 48khz J-Test (Jitter)

Waveform: J-test_48k_PCM24_LR.wav

Bit Exact: True

Start Offset (sec): 0.000 s

Secondary Source: None

Measured 1 16/11/2022 12:54:31

Acquisition Type: Auto

Trigger: Free Run

Delay Time: 500.0 ms

Input Bandwidth: Use Signal Path

FFT Length: 1248000

Averaging: Power

Averages: 3

Window: AP-Equiripple

Record Acquisition: False

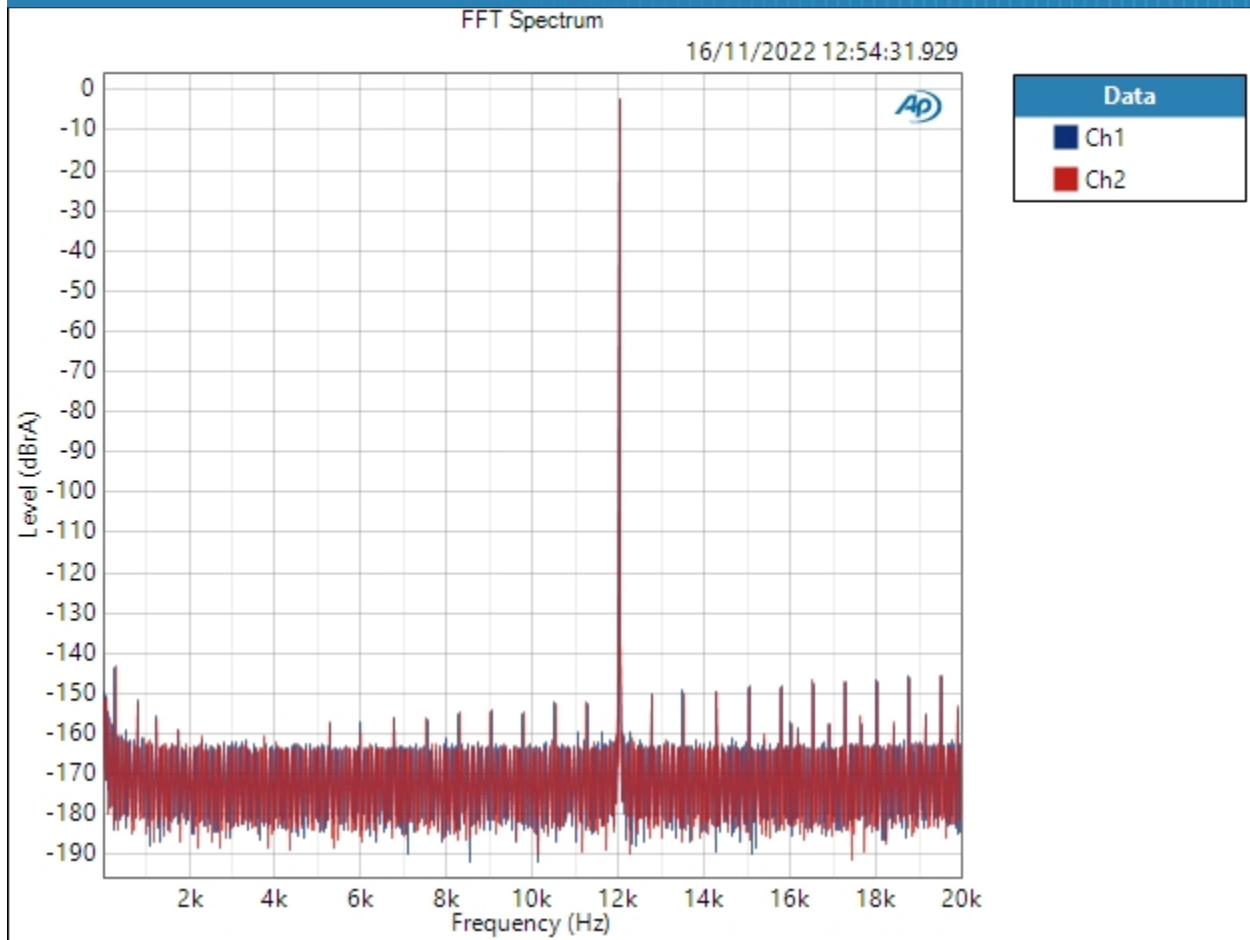
Recording Type: Multiple Mono PCM (.wav)

FFT Spectrum (16/11/2022 12:54:31.929)



Sequence Report

Audio
precision



Result: PASSED



Sequence Report

Audio
precision

SIG 4 - Multitone and bandwidth (192kHz) : Signal Path Setup

Output Connector:	ASIO
Asio Device:	ASIO Chord 1.05
Scaling Mode:	Digital
Output Sample Rate:	192.000 kHz
Output Latency:	Auto
Buffer Size:	1024
Clock Source:	Internal
Input 1:	Analog Unbalanced
Measure:	Auto
Channels:	Custom (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) - 90k (192 kHz SR)
Input EQ:	None
Termination:	100 kohm
High Performance Sine Analyzer:	Enabled
Input 2:	None
Device Delay:	0.000 s
• References	
dBr G:	-20.000 dBFS
Shared Frequency Reference:	1.00000 kHz
Analog Input	
dBrA:	4.302 Vrms
dBrB:	4.302 Vrms
dBrA Offset:	0.000 dB
dBrB Offset:	3.000 dB
dB SPL1:	4.302 Vrms
dB SPL2:	10.00 mVrms
dB SPL1 Calibrator Level:	60.000 dB SPL
dB SPL2 Calibrator Level:	-31.000 dB SPL



Sequence Report

Audio 
precision

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



Sequence Report

Audio 
precision

SIG 4 - Multitone and bandwidth (192kHz) : 90kHz Bandwidth

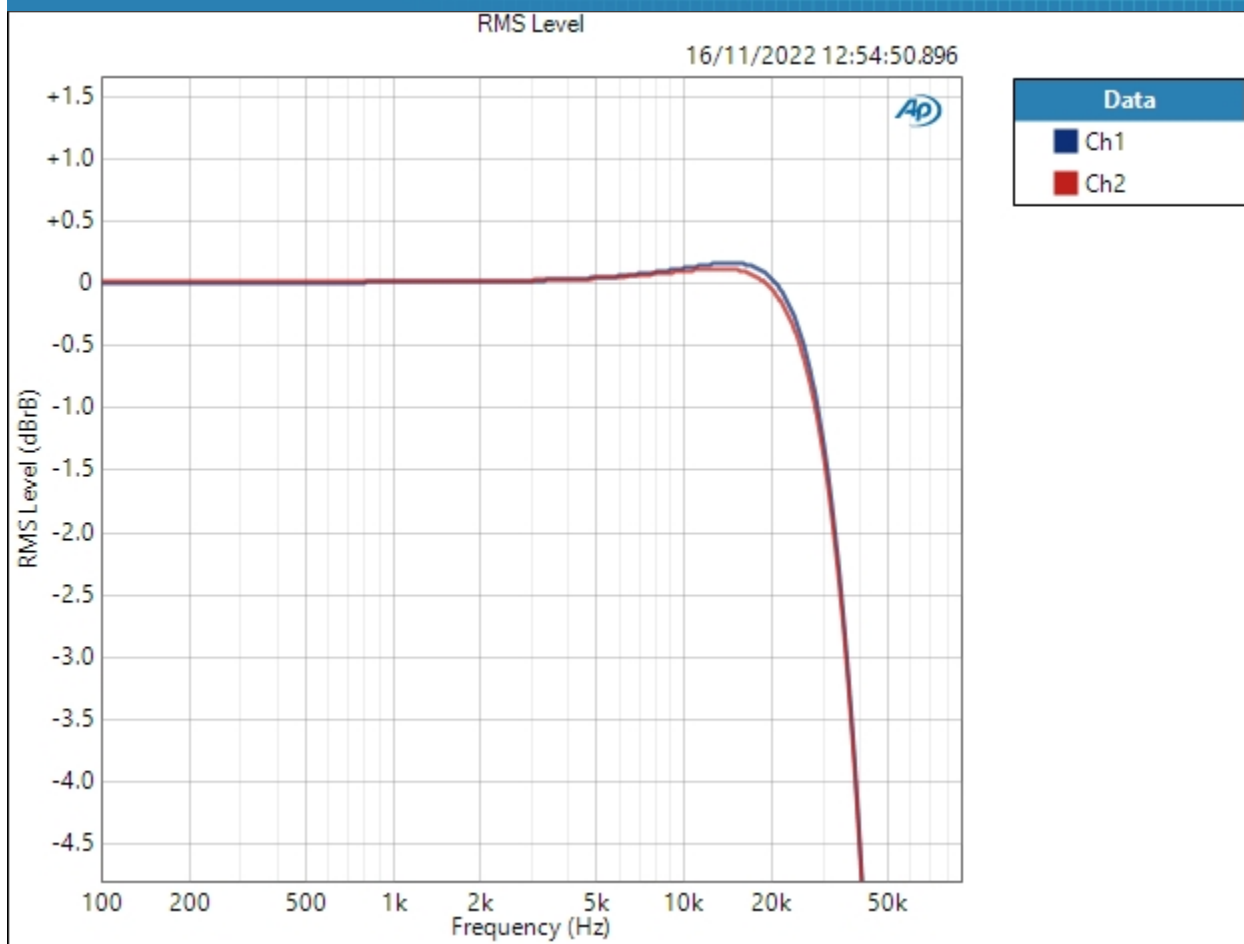
Start Frequency: 20.0000 Hz
Stop Frequency: 90.0000 kHz
Generator Level: -3.000 dBFS
DC Offset: 0.000 D
EQ: None
Pre-Sweep: 500.0 ms
Sweep: 5.000 s
Extend Acquisition By: 500.0 ms
Secondary Source: None
Measured 1 16/11/2022 12:54:50

RMS Level (16/11/2022 12:54:50.896)



Sequence Report

Audio precision



Result: PASSED



Sequence Report

Audio 
precision

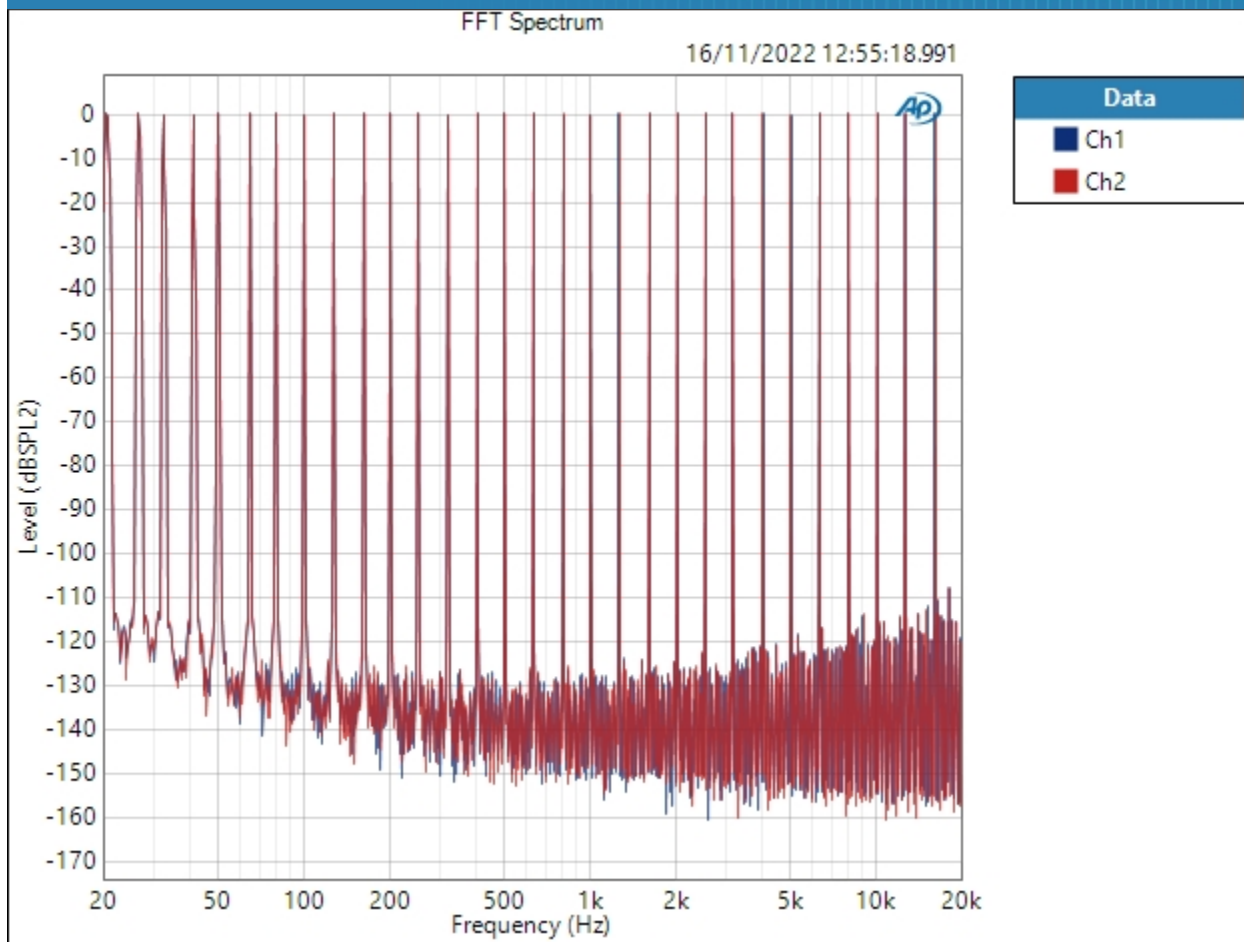
SIG 4 - Multitone and bandwidth (192khz) : 32 Tone Test

Waveform: APx555 Multitone 32 192 khz 24 bit.wav
Bit Exact: True
Start Offset (sec): 0.000 s
Secondary Source: None
Measured 1: 16/11/2022 12:55:18
Acquisition Type: Auto
Trigger: Free Run
Delay Time: 100.0 ms
Input Bandwidth: Use Signal Path
FFT Length: 1248000
Averaging: Power
Averages: 3
Window: AP-Equiripple
Record Acquisition: False
Recording Type: Multiple Mono PCM (.wav)

FFT Spectrum (16/11/2022 12:55:18.991)



Sequence Report



Result: PASSED



Sequence Report

Audio 
precision

SIG 4 - Multitone and bandwidth (192kHz) : THD+N vs frequency (90kHz band limit)

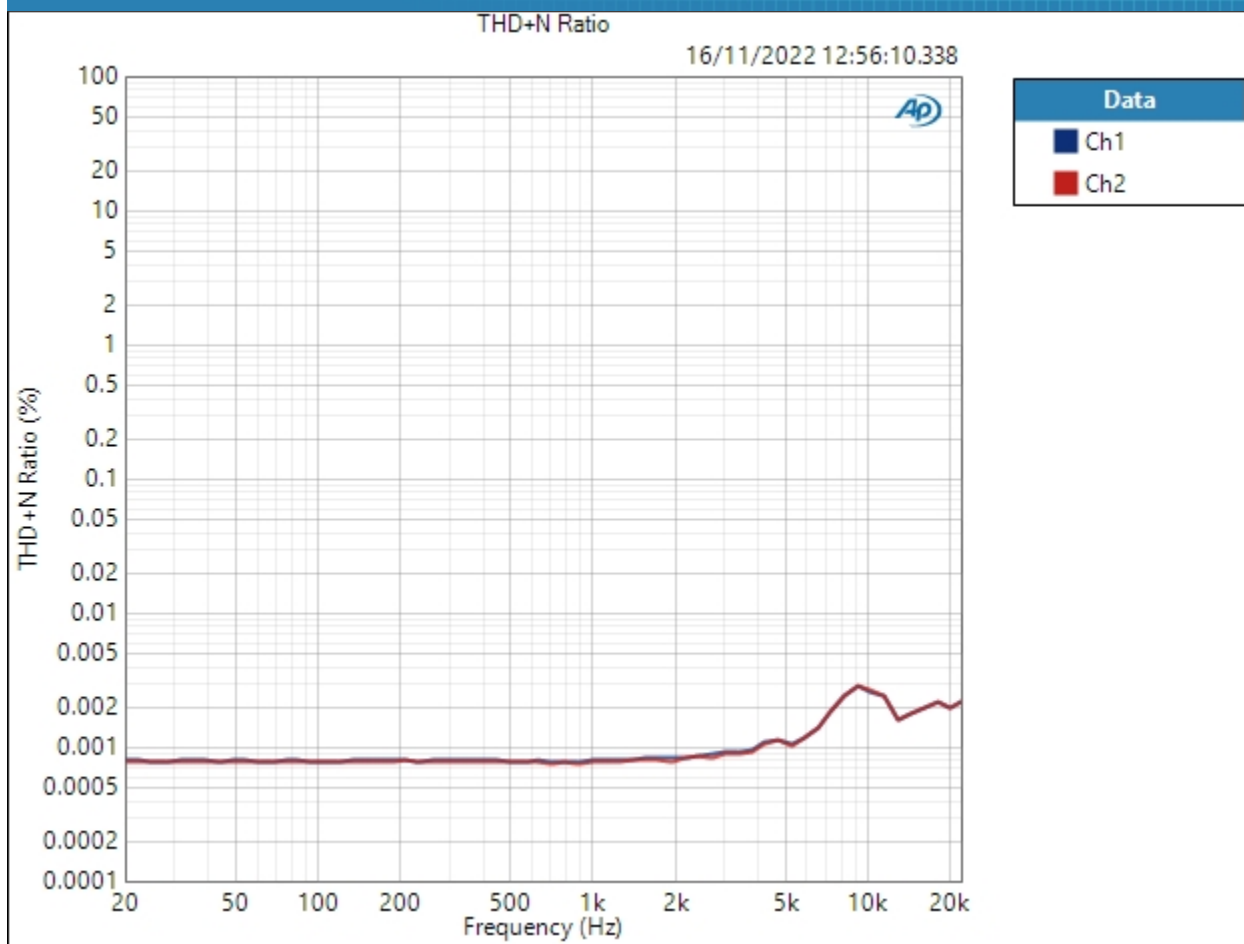
Waveform: Sine
Generator Level: -0.000 dBFS
DC Offset: 0.000 D
EQ: None
Start Frequency: 22.0059 kHz
Stop Frequency: 20.0000 Hz
Step Type: Logarithmic
Number of Points: 64
High-pass Filter: Elliptic
High-pass Frequency: 20 Hz
Low-pass Filter: Signal Path
Weighting Filter: Signal Path
Phase Ref Channel: Ch1
Measured 1 16/11/2022 12:56:10

THD+N Ratio (16/11/2022 12:56:10.338)



Sequence Report

Audio precision



Result: ✔ PASSED



Sequence Report

Audio
precision

SIG 5 - Wideband and Intersample Overs : Signal Path Setup

Output Connector:	ASIO
Asio Device:	ASIO Chord 1.05
Scaling Mode:	Digital
Output Sample Rate:	44.1000 kHz
Output Latency:	Auto
Buffer Size:	1024
Clock Source:	Internal
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) - 1M (2.496 MHz SR)
Input EQ:	None
Termination:	100 kohm
High Performance Sine Analyzer:	Enabled
Input 2:	None
Device Delay:	0.000 s
• References	
dBr G:	-20.000 dBFS
Shared Frequency Reference:	1.00000 kHz
Analog Input	
dBrA:	4.302 Vrms
dBrB:	4.302 Vrms
dBrA Offset:	0.000 dB
dBrB Offset:	3.000 dB
dB SPL1:	4.302 Vrms
dB SPL2:	10.00 mVrms
dB SPL1 Calibrator Level:	60.000 dB SPL
dB SPL2 Calibrator Level:	-31.000 dB SPL



Sequence Report

Audio 
precision

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



Sequence Report

Audio
precision

SIG 5 - Wideband and Intersample Overs : Wideband idle noise

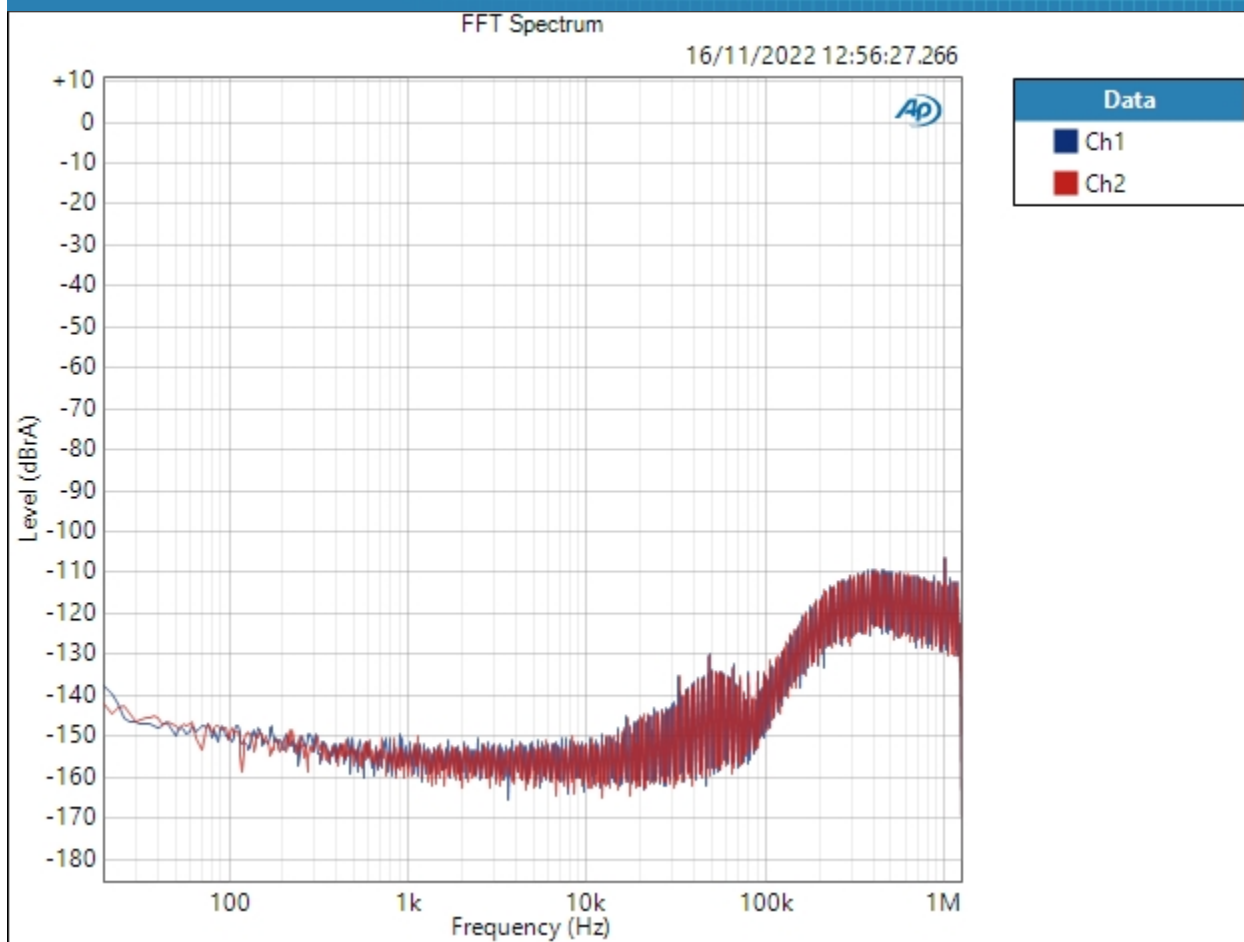
Waveform: Sine
Generator Level: $-\infty$ dBFS
DC Offset: 0.000 D
Frequency: 1.00000 kHz
Secondary Source: None
Measured 1 16/11/2022 12:56:27
Acquisition Type: Auto
Trigger: Free Run
Delay Time: 250.0 ms
Input Bandwidth: Use Signal Path
FFT Length: 1248000
Averaging: Power
Averages: 6
Window: AP-Equiripple
Record Acquisition: False
Recording Type: Multiple Mono PCM (.wav)

FFT Spectrum (16/11/2022 12:56:27.266)



Sequence Report

Audio
precision



Result: PASSED



Sequence Report

Audio
precision

SIG 5 - Wideband and Intersample Overs : 1khz 0dbfs wideband

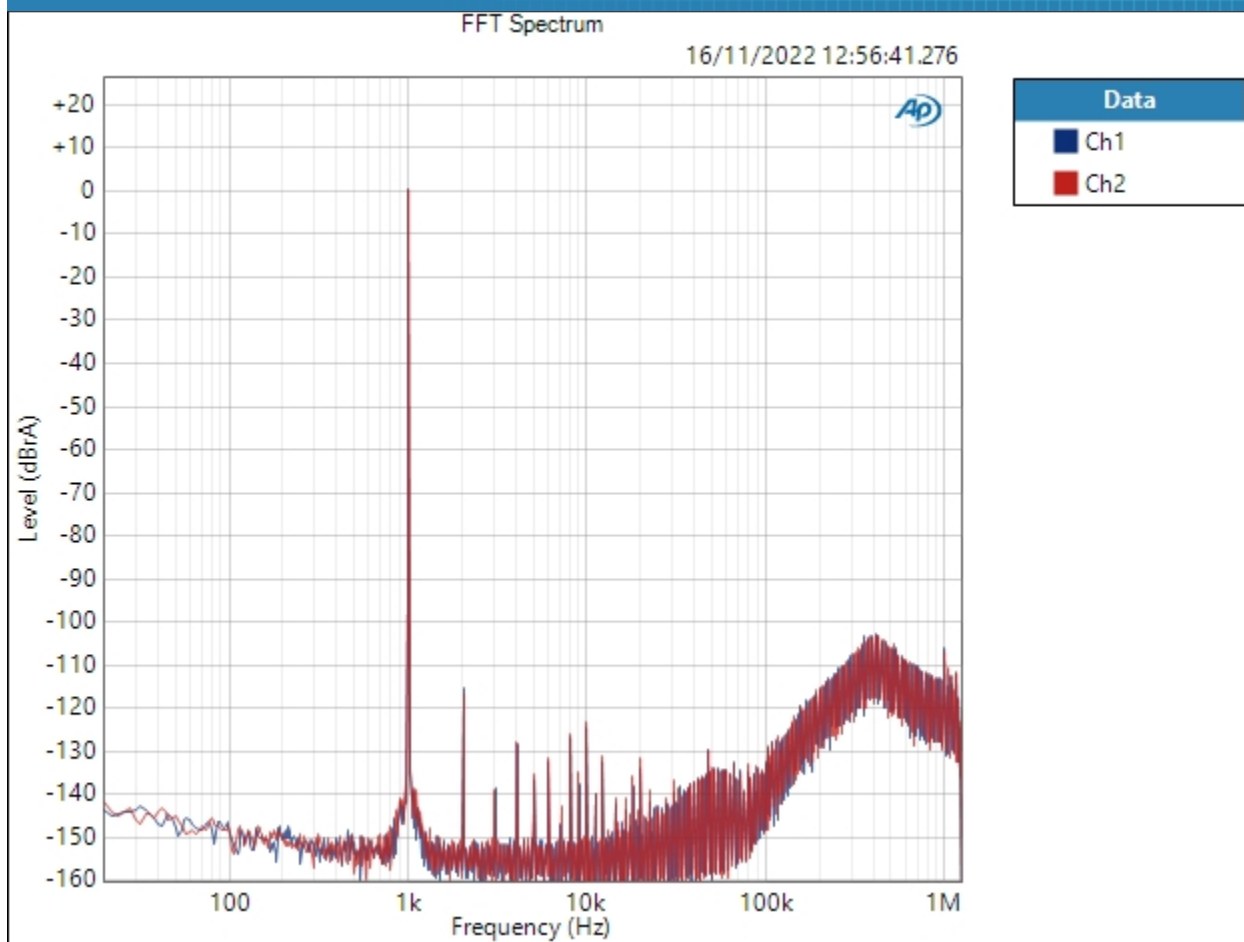
Waveform: Sine
Generator Level: -0.000 dBFS
DC Offset: 0.000 D
Frequency: 1.00000 kHz
Secondary Source: None
Measured 1 16/11/2022 12:56:41
Acquisition Type: Auto
Trigger: Free Run
Delay Time: 250.0 ms
Input Bandwidth: Use Signal Path
FFT Length: 1248000
Averaging: Power
Averages: 6
Window: AP-Equiripple
Record Acquisition: False
Recording Type: Multiple Mono PCM (.wav)

FFT Spectrum (16/11/2022 12:56:41.276)



Sequence Report

Audio
precision



Result: PASSED



Sequence Report

Audio Precision

SIG 5 - Wideband and Intersample Overs : 1khz -3dbfs wideband

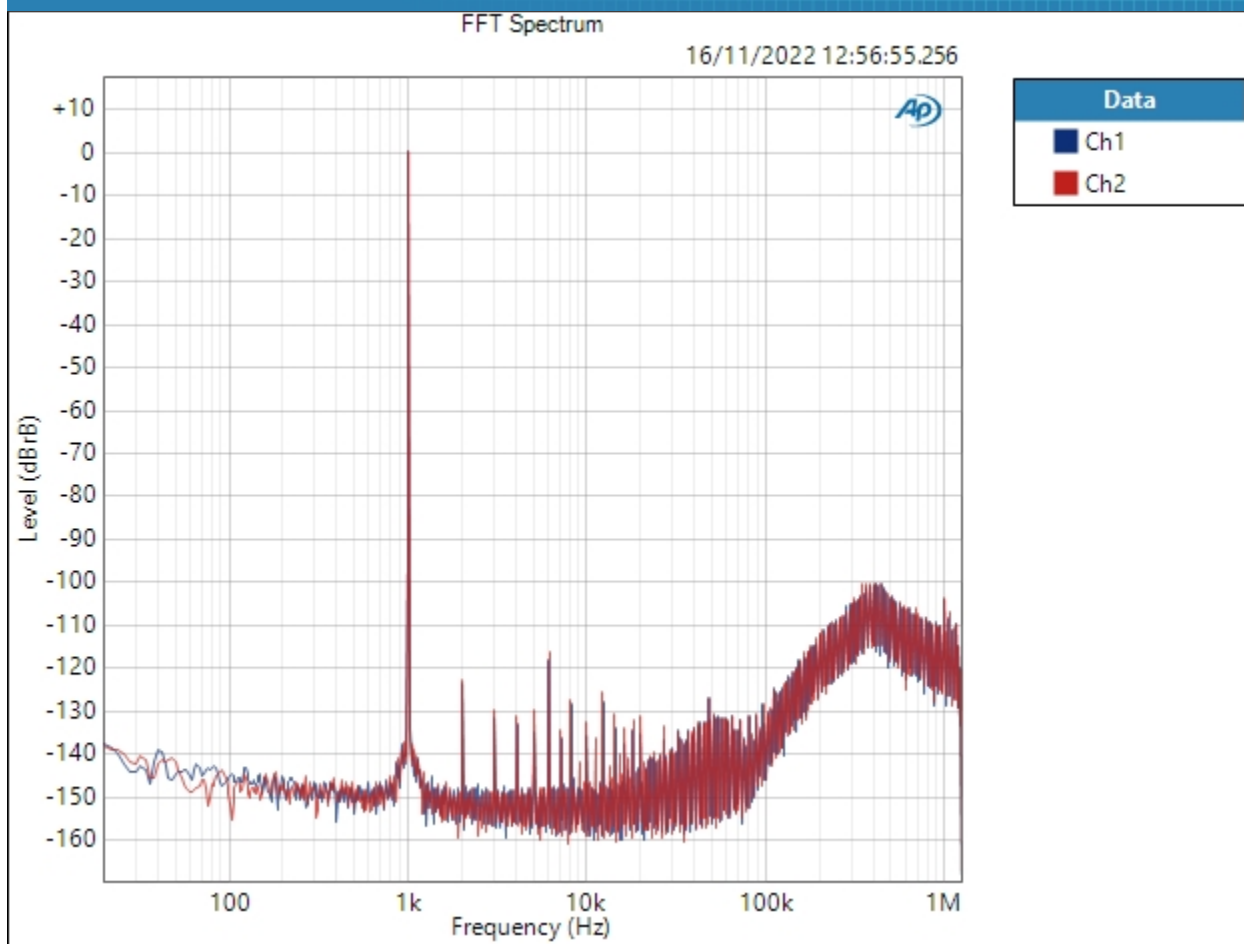
Waveform: Sine
Generator Level: -3.000 dBFS
DC Offset: 0.000 D
Frequency: 1.00000 kHz
Secondary Source: None
Measured 1 16/11/2022 12:56:55
Acquisition Type: Auto
Trigger: Free Run
Delay Time: 250.0 ms
Input Bandwidth: Use Signal Path
FFT Length: 1248000
Averaging: Power
Averages: 6
Window: AP-Equiripple
Record Acquisition: False
Recording Type: Multiple Mono PCM (.wav)

FFT Spectrum (16/11/2022 12:56:55.256)



Sequence Report

Audio precision



Result: PASSED



Sequence Report

Audio 
precision

SIG 5 - Wideband and Intersample Overs : Intersample Overs (+3dB)

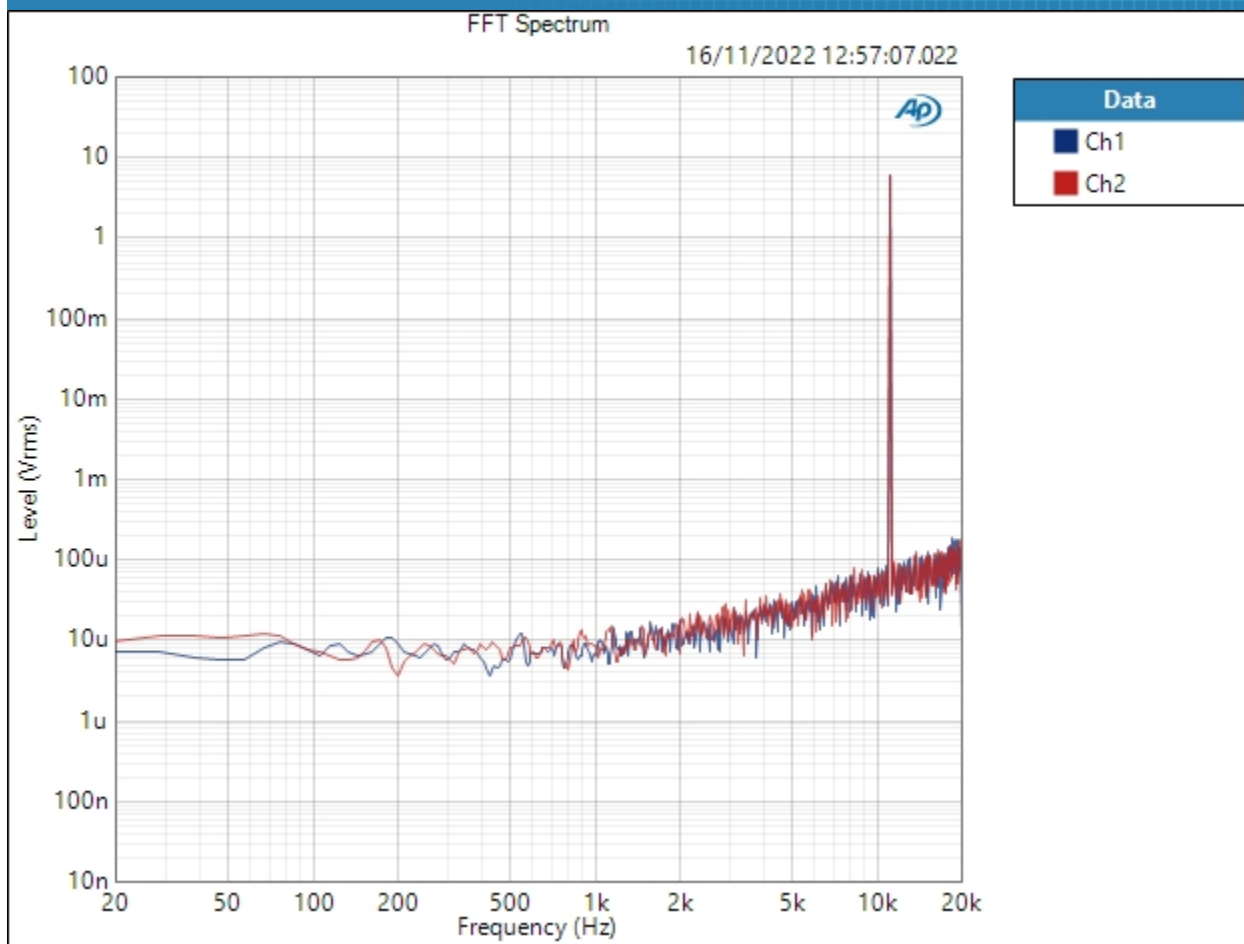
Waveform: Intersample overs +3dB.wav
Bit Exact: True
Start Offset (sec): 0.000 s
Secondary Source: None
Measured 1: 16/11/2022 12:57:07
Acquisition Type: Auto
Trigger: Free Run
Delay Time: 1.000 s
Input Bandwidth: Use Signal Path
FFT Length: 262144
Averaging: Power
Averages: 4
Window: AP-Equiripple
Record Acquisition: False
Recording Type: Multiple Mono PCM (.wav)

FFT Spectrum (16/11/2022 12:57:07.022)



Sequence Report

Audio precision



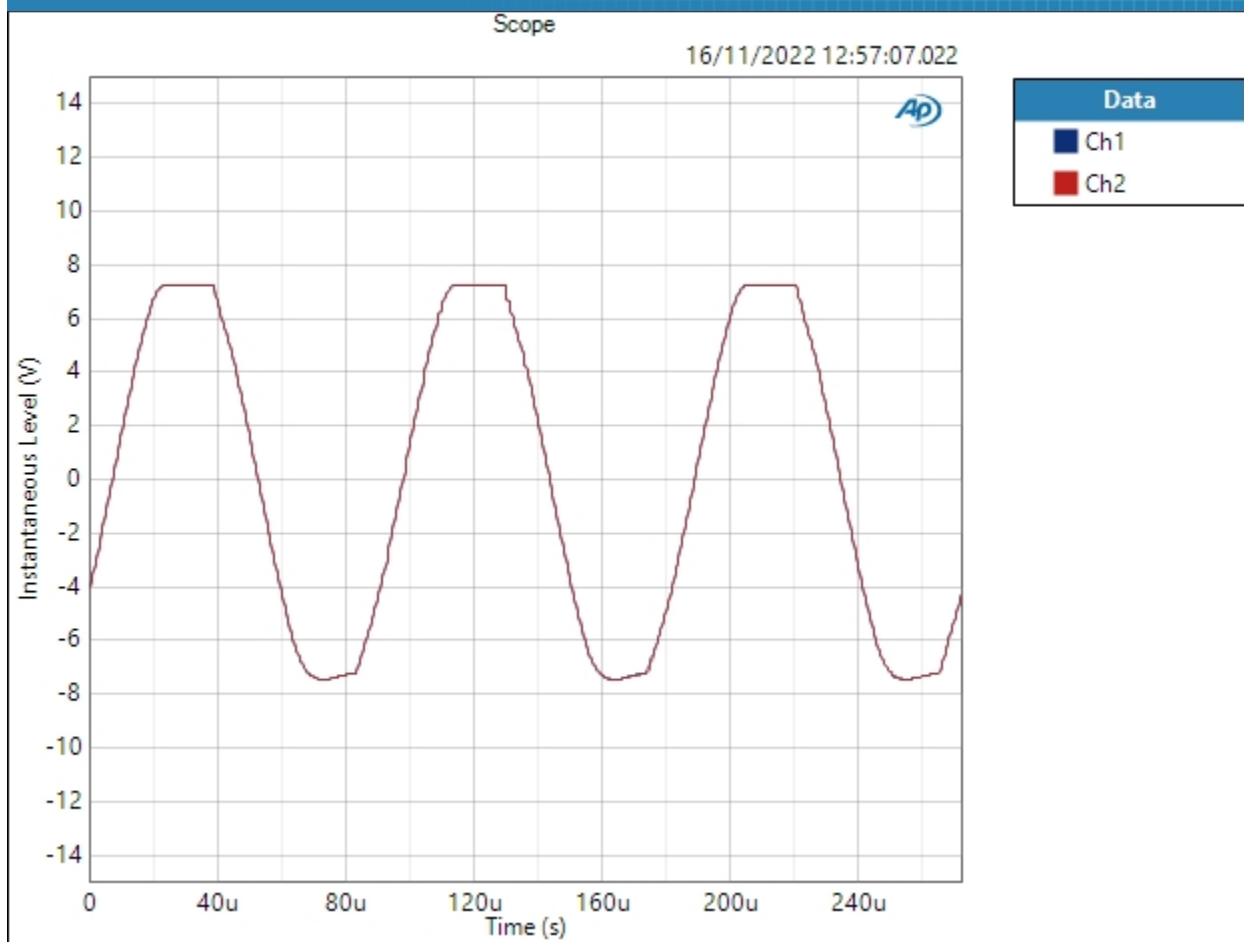
Result: ✔ PASSED

Scope (16/11/2022 12:57:07.022)



Sequence Report

Audio precision



Scope Parameters

Interpolated: On

Result: PASSED



Sequence Report

Audio 
precision

SIG 5 - Wideband and Intersample Overs : Intersample Overs (+1dB)

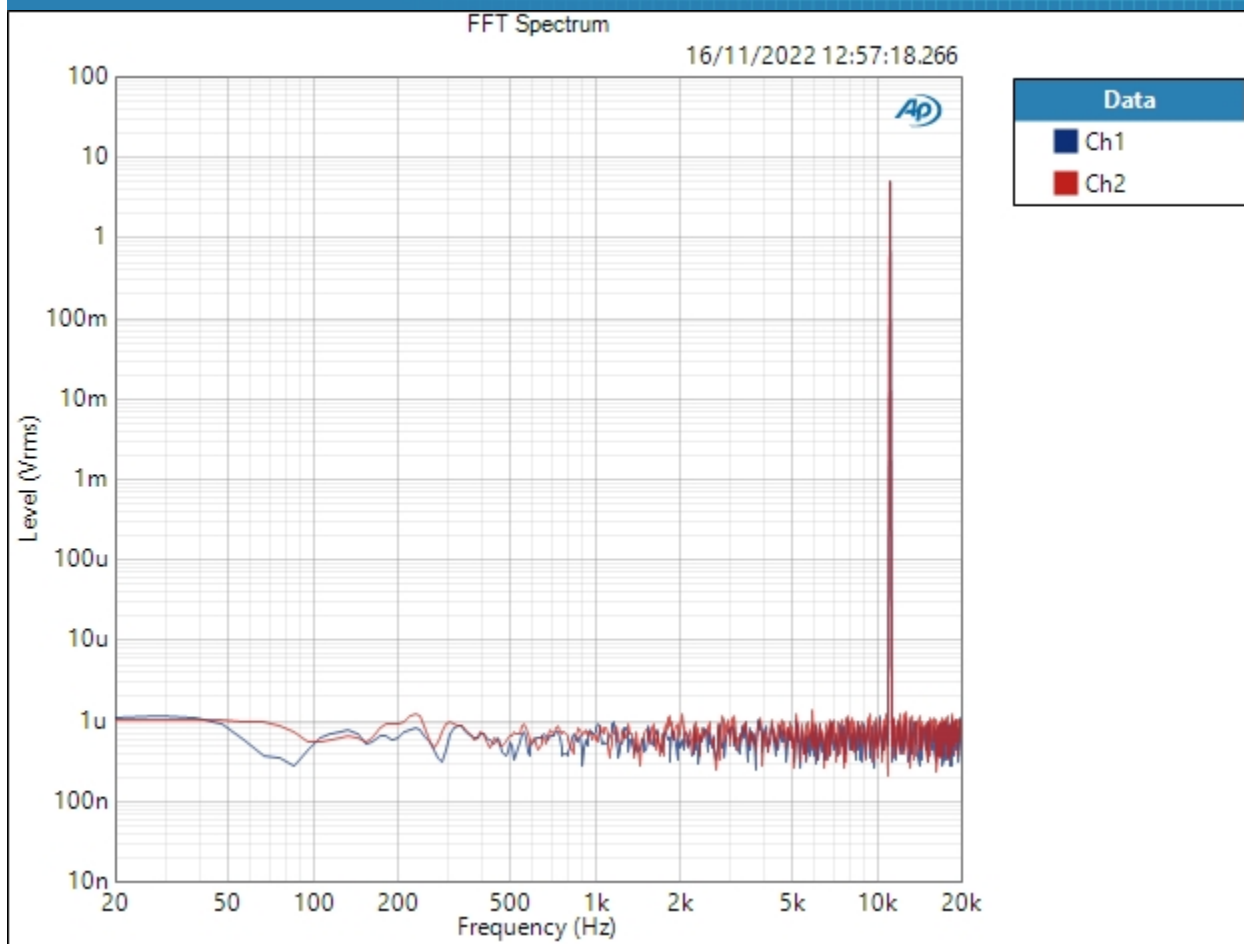
Waveform: Intersample Overs +1dB.wav
Bit Exact: True
Start Offset (sec): 0.000 s
Secondary Source: None
Measured 1: 16/11/2022 12:57:18
Acquisition Type: Auto
Trigger: Free Run
Delay Time: 1.000 s
Input Bandwidth: Use Signal Path
FFT Length: 262144
Averaging: Power
Averages: 4
Window: AP-Equiripple
Record Acquisition: False
Recording Type: Multiple Mono PCM (.wav)

FFT Spectrum (16/11/2022 12:57:18.266)



Sequence Report

Audio precision



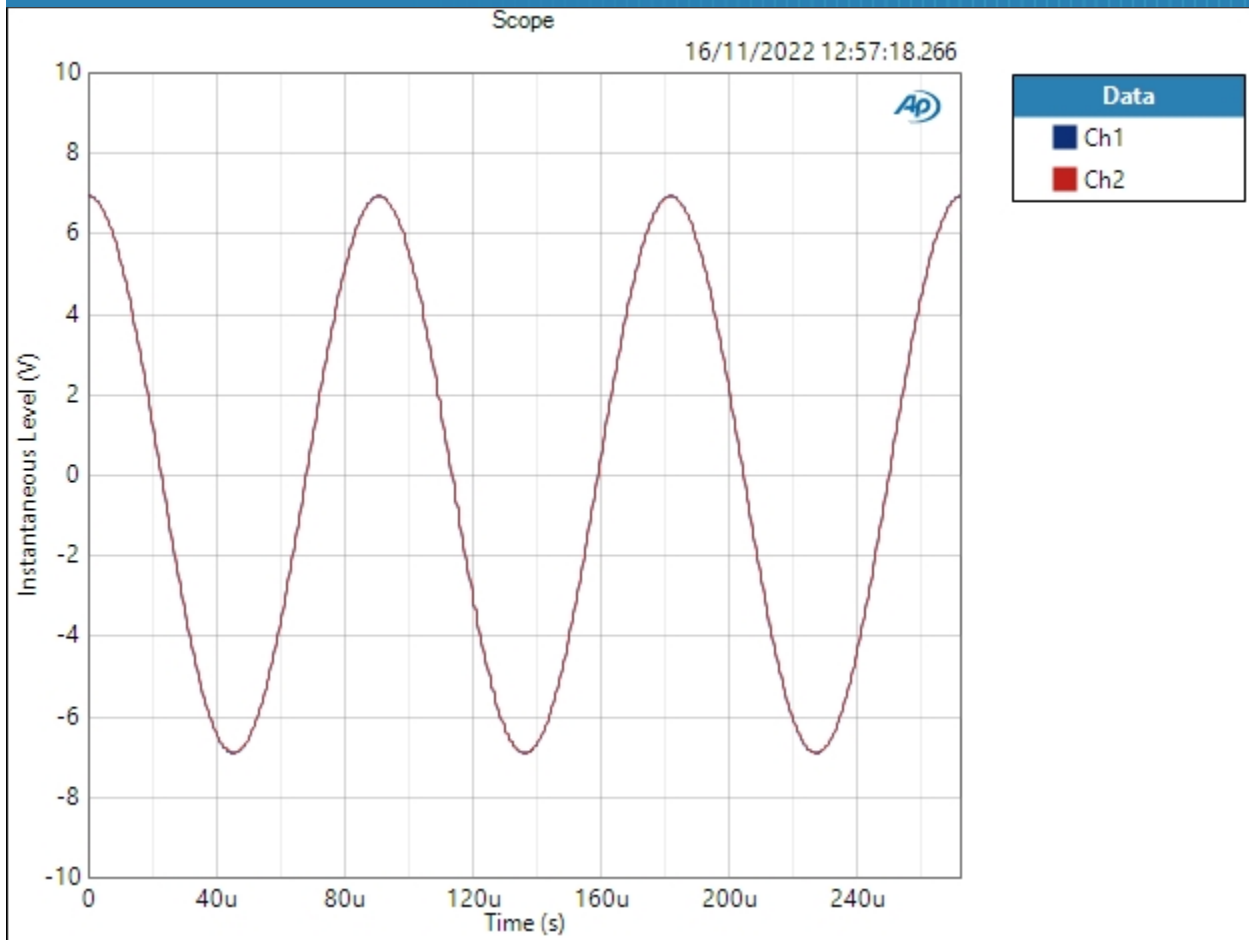
Result: PASSED

Scope (16/11/2022 12:57:18.266)



Sequence Report

Audio precision



Scope Parameters

Interpolated: On

Result: PASSED