

Sequence Report



Summary

LINE IN

Signal Path Setup	✓ PASSED
Level and Gain	✓ PASSED
THD+N	✓ PASSED
Frequency Response	✓ PASSED
Signal to Noise Ratio	✓ PASSED
Crosstalk, One Channel Undriven	✓ PASSED
Interchannel Phase	✓ PASSED
Signal Analyzer	✓ PASSED

Sequence Result:

Sequence Result: ✓ PASSED

Sequence Report



LINE IN : Signal Path Setup

Output Connector:	Analog Balanced
Channels:	8
Source Impedance:	100 ohm
Output EQ:	None
Input Connector:	Digital Serial
Input Bit Depth:	24
Configuration:	Serial Receiver
Channels:	2
Format:	I2S
Word Width:	32
Mck Direction:	Internal
Output Sample Rate:	48.0000 kHz
Master Clock Off:	False
Mck Multiplier:	512
Mck Inverted:	False
Edge Sync Outs:	Rising
Logic Level:	3.3 V
Bit/Frm Clock Direction:	Out
Edge Sync Ins:	Rising
MSB First:	True
Input Bandwidth:	AC (<10 Hz) - Fs/2
Device Delay:	0.000 s
Scale Freq By:	Input SR
Input EQ:	None
• References	
dBr G:	4.200 Vrms
dBm (Output Power):	600.0 ohm
W(watts) (Output Power):	8.000 ohm
Shared Frequency Reference:	1.00000 kHz
dBrA:	0.000 dBFS
dBrB:	0.000 dBFS
dBrA Offset:	0.000 dB
dBrB Offset:	0.000 dB
dB SPL1:	-40.000 dBFS

4/6/2022 7:35

Page 2 of 11

Sequence Report



dBSPL2: -40.000 dBFS

dBSPL1 Calibrator Level: 94.000 dB SPL

dBSPL2 Calibrator Level: 94.000 dB SPL

• DCX

DCX is not detected.

Input: 0x3c set to 0x04

LINE IN : Verify Connections

Waveform: Sine

Generator Level: 4.200 Vrms

DC Offset: 0.000 V

Frequency: 1.00000 kHz

RMS Level (2022/4/6 07:35:19.341)

Ch1 -5.238 dBFS

Ch2 -∞ dBFS

Frequency (2022/4/6 07:35:19.341)

Ch1 1.00000 kHz

Ch2 ---- Hz

Bits (2022/4/6 07:35:18.831)

Ch1 FFFFFFF0

Ch2 000000

Bits Parameters

Display: Active Bits

LINE IN : Level and Gain

Waveform: Sine

Generator Level: 0.000 dBrG (@4.200 Vrms)

DC Offset: 0.000 V

Frequency: 1.00000 kHz

RMS Level (2022/4/6 07:35:37.540)

Ch1 -5.237 dBFS

Ch2 -∞ dBFS

Sequence Report



LINE IN : THD+N

Waveform: Sine
Generator Level: -1.000 dBrG (@4.200 Vrms)
DC Offset: 0.000 V
Frequency: 1.00000 kHz
Low-pass Filter: 20 kHz
Weighting Filter: Signal Path
High-pass Filter: 20 Hz
Notch Tuning Mode: Measured Frequency

THD+N Ratio (2022/4/6 07:35:40.556)

Ch1 0.005288 %

Ch2 ---- %

THD+N Level (2022/4/6 07:35:40.556)

Ch1 -91.772 dBFS

Ch2 $-\infty$ dBFS

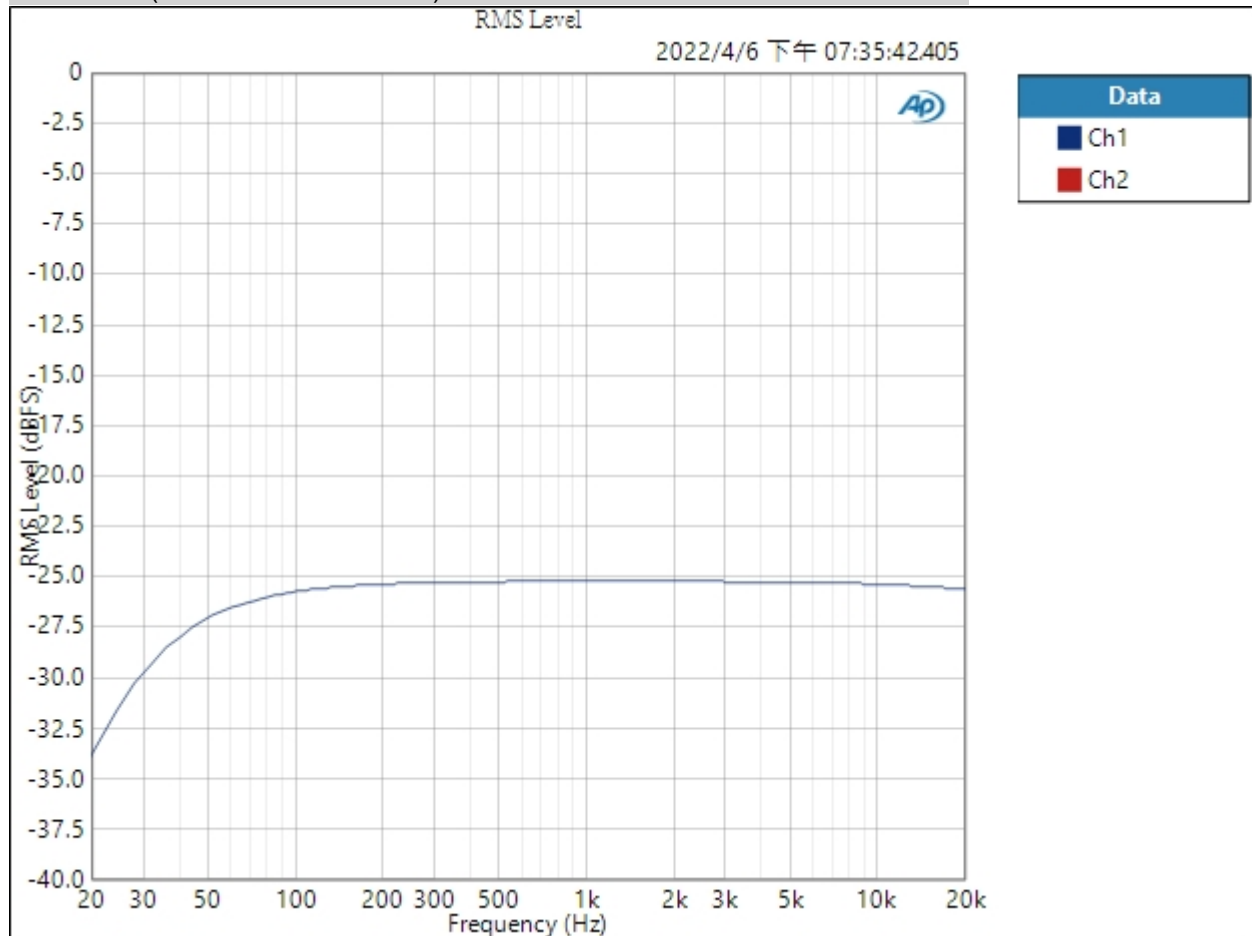
Sequence Report



LINE IN : Frequency Response

Generator Level: -20.000 dBrG (@4.200 Vrms)
DC Offset: 0.000 V
EQ: None
Start Frequency: 20.0000 Hz
Stop Frequency: 20.0000 kHz
Sweep: 350.0 ms
Pre-Sweep: 100.0 ms
Extend Acquisition By: 50.00 ms
Secondary Source: None
Measured 1 2022/4/6 07:35:42

RMS Level (2022/4/6 07:35:42.405)



Result: PASSED

LINE IN : Signal to Noise Ratio

Waveform: Sine
Generator Level: 0.000 dBrG (@4.200 Vrms)
DC Offset: 0.000 V
Frequency: 1.00000 kHz
Low-pass Filter: 20 kHz
Weighting Filter: Signal Path
High-pass Filter: 20 Hz

Signal to Noise Ratio (2022/4/6 07:35:44.702)

Ch1 100.657 dB

Ch2 ---- dB

LINE IN : Crosstalk, One Channel Undriven

Waveform: Sine
Generator Level: -20.000 dBrG (@4.200 Vrms)
DC Offset: 0.000 V
Frequency: 10.0000 kHz

Crosstalk (2022/4/6 07:35:46.276)

Ch1 ---- dB

Ch2 $-\infty$ dB

LINE IN : Interchannel Phase

Waveform: Sine
Generator Level: -20.000 dBrG (@4.200 Vrms)
DC Offset: 0.000 V
Frequency: 1.00000 kHz
Reference Channel: Ch1
Meter Range: -90 -> 270 deg

Phase (2022/4/6 07:35:47.850)

Ch1 ---- deg

Ch2 ---- deg

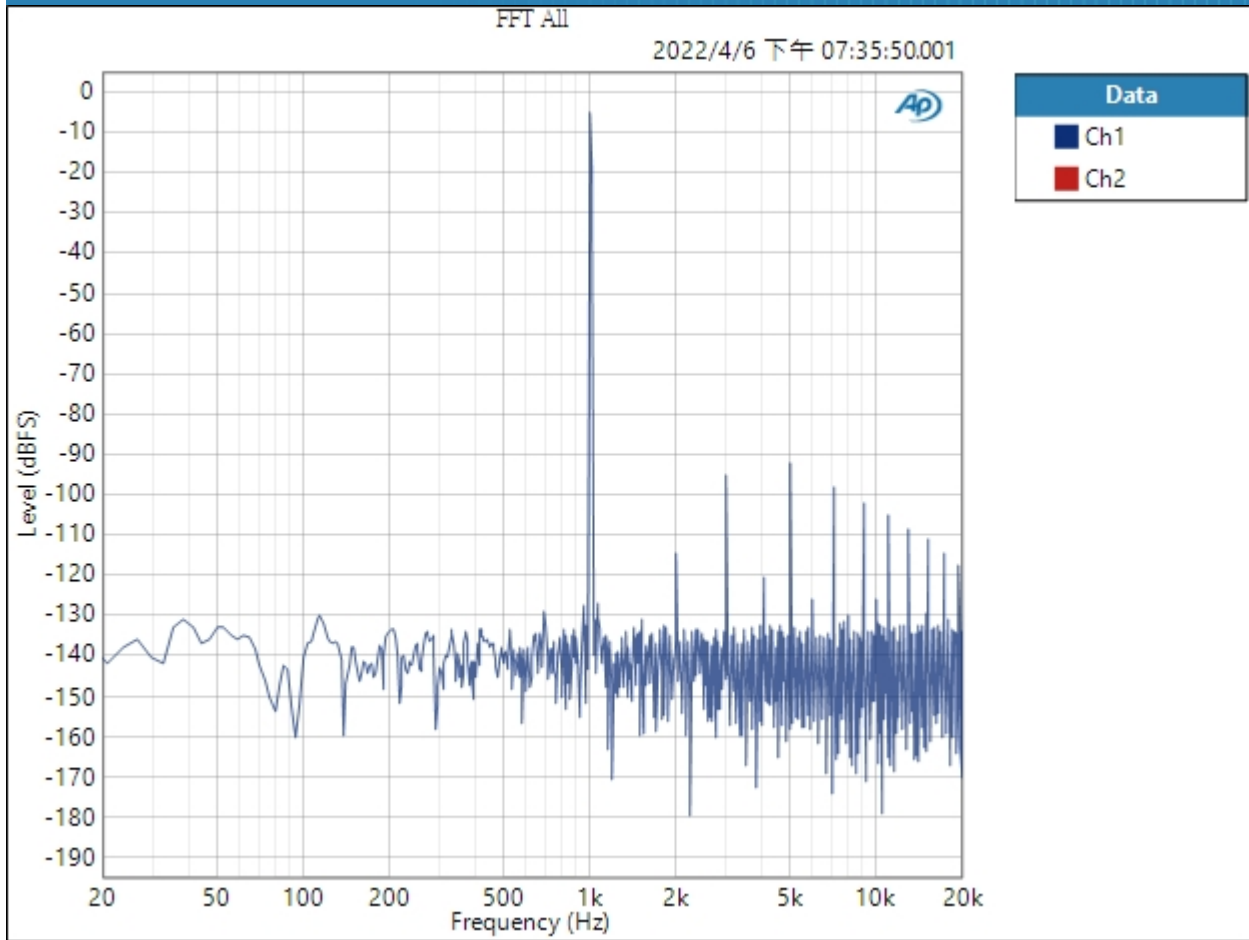
Sequence Report



LINE IN : Signal Analyzer

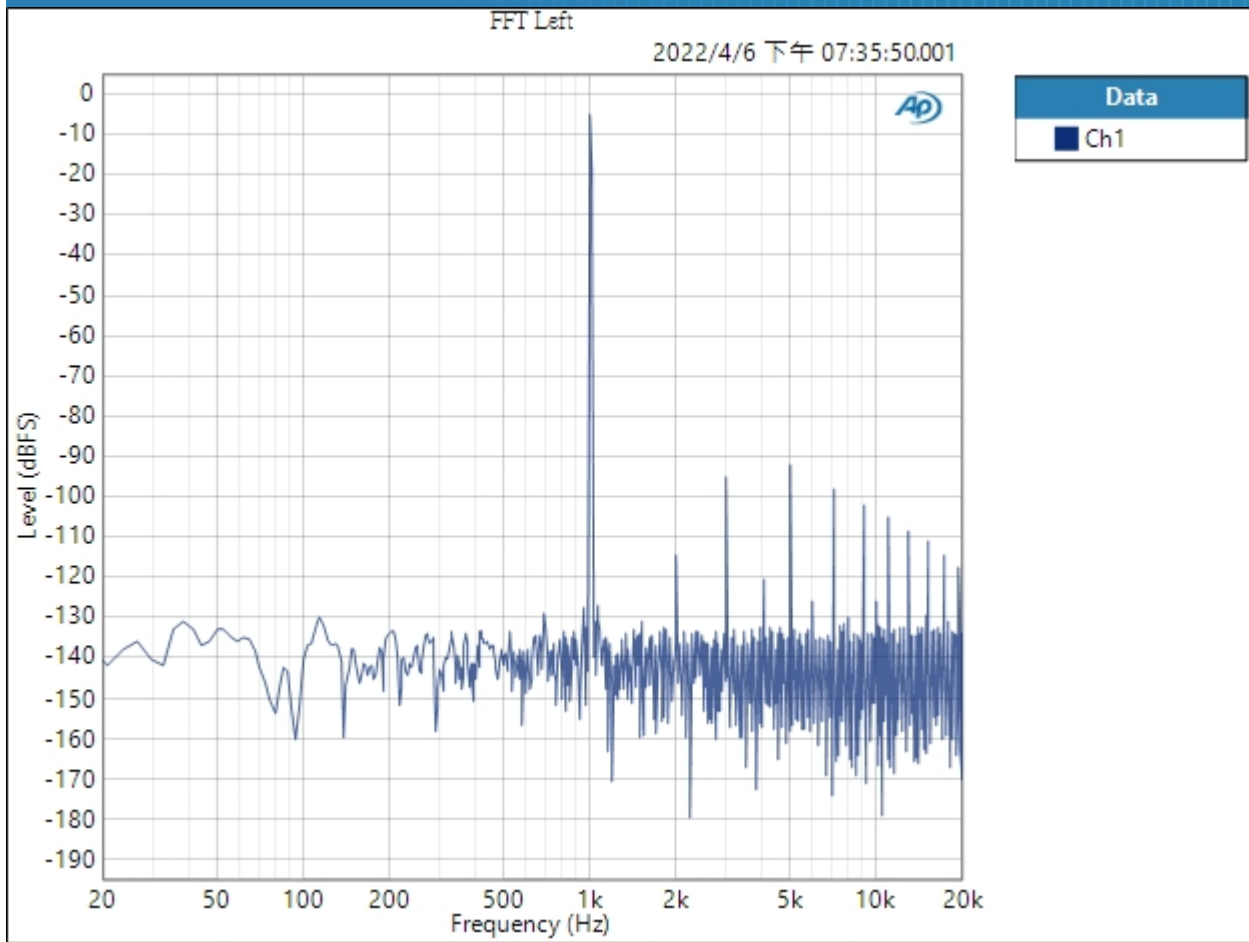
Waveform: Sine
Generator Level: 0.000 dBrG (@4.200 Vrms)
DC Offset: 0.000 V
Frequency: 1.00000 kHz
Secondary Source: None
Measured 1: 2022/4/6 07:35:50
Acquisition Type: Auto
Trigger: Free Run
Delay Time: 250.0 ms
FFT Length: 16K
Averaging: Power
Averages: 1
Window: AP-Equiripple
Record Acquisition: False

FFT All (2022/4/6 07:35:50.001)



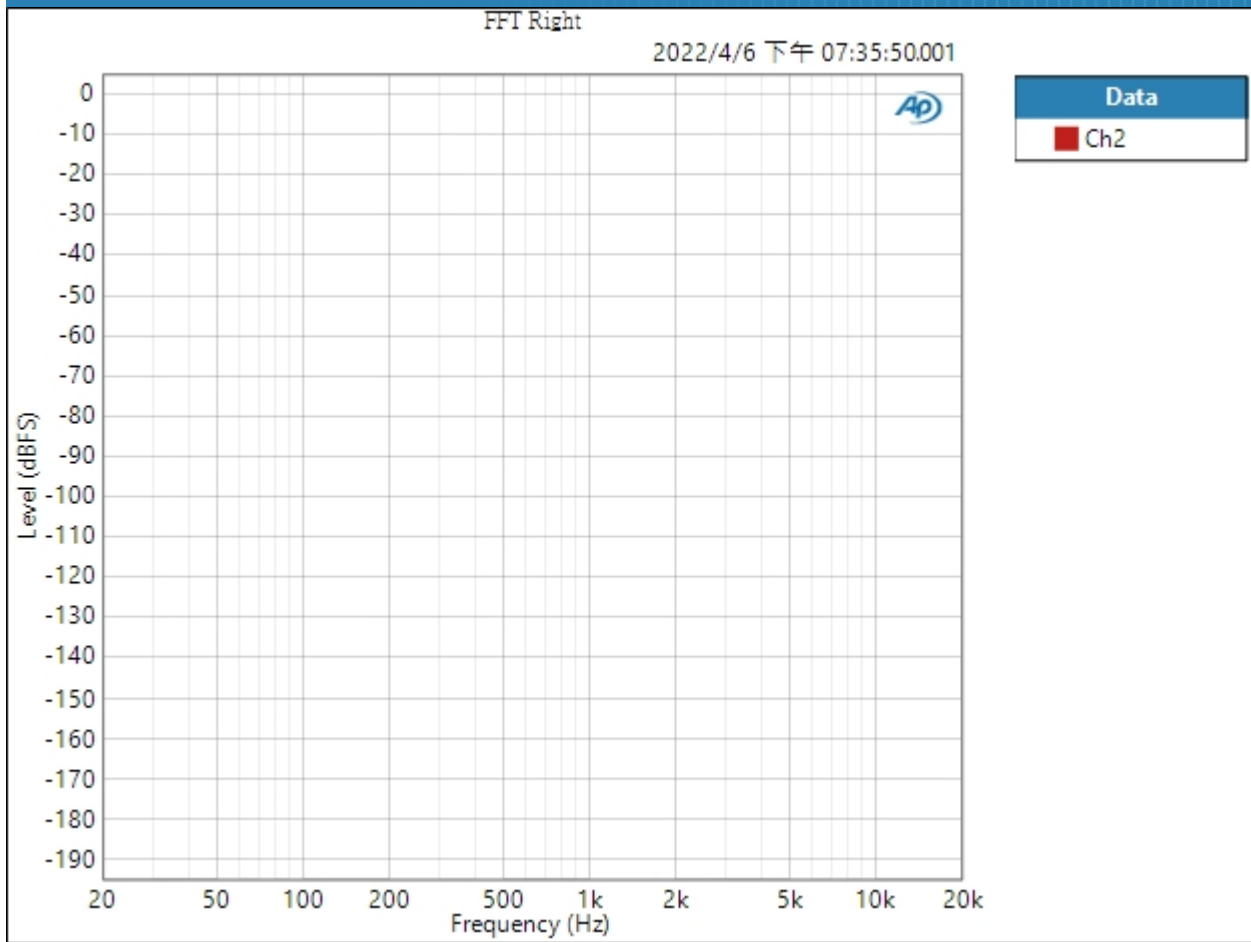
Result: ✔ PASSED

FFT Left (2022/4/6 07:35:50.001)



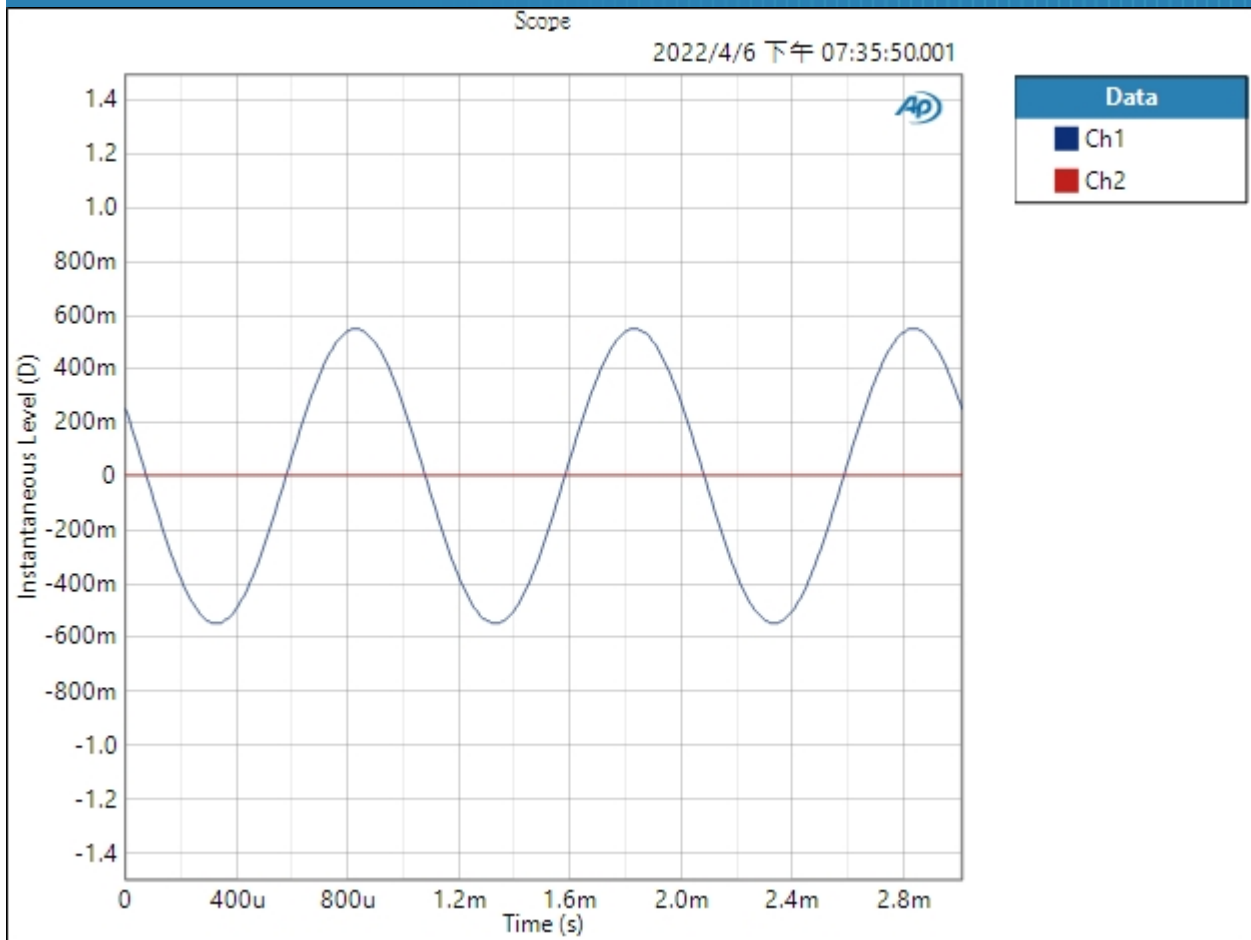
Result: PASSED

FFT Right (2022/4/6 07:35:50.001)



Result: PASSED

Scope (2022/4/6 07:35:50.001)



Scope Parameters

Interpolated: On

Result: PASSED