

Sequence Report



Summary

Signal Path1

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

Sequence Result:

Sequence Result: ✓ PASSED

Sequence Report



Signal Path1 : Signal Path Setup

Output Connector:	Digital Serial
Output Sample Rate:	48.0000 kHz
Output Bit Depth:	24
Dither:	Enabled
Configuration:	Serial Transmitter
Channels:	8
Data Lines:	Multiple Data Lines
Format:	I2S
Word Width:	32
Mck Direction:	Internal
Output Sample Rate:	48.0000 kHz
Master Clock Off:	False
Mck Multiplier:	256
Mck Inverted:	False
Edge Sync Outs:	Falling
Logic Level:	3.3 V
Bit/Frm Clock Direction:	Out
MSB First:	True
Auto Range:	Enabled
Output EQ:	None
Input Connector:	Analog Balanced
Channels:	2
Termination:	200 kohm
Input Bandwidth:	AC (<10 Hz) - 90k (192 kHz SR)
Device Delay:	0.000 s
Input EQ:	None

• References

dBr G:	-20.000 dBFS
Shared Frequency Reference:	1.00000 kHz
dBrA:	1.000 Vrms
dBrB:	1.000 Vrms
dBrA Offset:	0.000 dB
dBrB Offset:	0.000 dB
dB SPL1:	10.00 mVrms

Sequence Report



dB SPL2: 10.00 mVrms
dB SPL1 Calibrator Level: 94.000 dB SPL
dB SPL2 Calibrator Level: 94.000 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

Signal Path1 : Verify Connections

Waveform: Sine
Generator Level: -0.000 dBFS
DC Offset: 0.000 D
Frequency: 1.00000 kHz

RMS Level (2021/3/22 18:03:25.704)

Ch1 1.216 Vrms
Ch2 1.201 Vrms

Gain (2021/3/22 18:03:25.704)

Ch1 1.216 Vrms/FS
Ch2 1.201 Vrms/FS

THD+N Ratio (2021/3/22 18:03:25.704)

Ch1 0.049042 %
Ch2 0.047603 %

Frequency (2021/3/22 18:03:25.704)

Ch1 1.00000 kHz
Ch2 1.00000 kHz

Sequence Report



Signal Path1 : Level and Gain

Waveform: Sine

Generator Level: -0.000 dBFS

DC Offset: 0.000 D

Frequency: 1.00000 kHz

RMS Level (2021/3/22 18:03:27.794)

Ch1 1.216 Vrms

Ch2 1.201 Vrms

Gain (2021/3/22 18:03:27.794)

Ch1 1.216 Vrms/FS

Ch2 1.201 Vrms/FS

Peak Level (2021/3/22 18:03:27.794)

Ch1 1.720 V

Ch2 1.698 V

Sequence Report



Signal Path1 : THD+N

Waveform: Sine
 Generator Level: -0.000 dBFS
 DC Offset: 0.000 D
 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 (2021/3/22 18:03:30.602)

Ch1 0.002045 %

Ch2 0.002291 %

THD+N Level (2021/3/22 18:03:30.602)

Ch1 24.85 uVrms

Ch2 27.49 uVrms

THD Ratio (2021/3/22 18:03:30.602)

Ch1 0.001512 %

Ch2 0.001667 %

THD Level (2021/3/22 18:03:30.602)

Ch1 18.38 uVrms

Ch2 20.02 uVrms

Noise Ratio (2021/3/22 18:03:30.602)

Ch1 0.001391 %

Ch2 0.001573 %

Noise Level (2021/3/22 18:03:30.602)

Ch1 16.92 uVrms

Ch2 18.88 uVrms

Distortion Product Ratio (2021/3/22 18:03:30.602)

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	-99.09	-107.49	-105.12	-103.88	-112.02	-122.72	-119.22	-113.12	-126.26
	1.000k	2.000k	3.000k	4.000k	5.000k	6.000k	7.000k	8.000k	9.000k	10.00k
Ch2	-0.00	-97.38	-109.42	-105.10	-104.22	-112.44	-130.20	-117.34	-113.93	-125.94

Distortion Product Ratio Parameters

Frequency Unit: Hz

Ratio Unit: dB

Distortion Product Level (2021/3/22 18:03:30.602)

Sequence Report



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	1.216	13.51 u	5.135 u	6.743 u	7.781 u	3.047 u	889.2 n	1.330 u	2.687 u	591.5 n
	1.000k	2.000k	3.000k	4.000k	5.000k	6.000k	7.000k	8.000k	9.000k	10.00k
Ch2	1.201	16.23 u	4.057 u	6.678 u	7.386 u	2.867 u	371.1 n	1.631 u	2.414 u	605.8 n

Distortion Product Level Parameters

Frequency Unit: Hz

Level Unit: Vrms

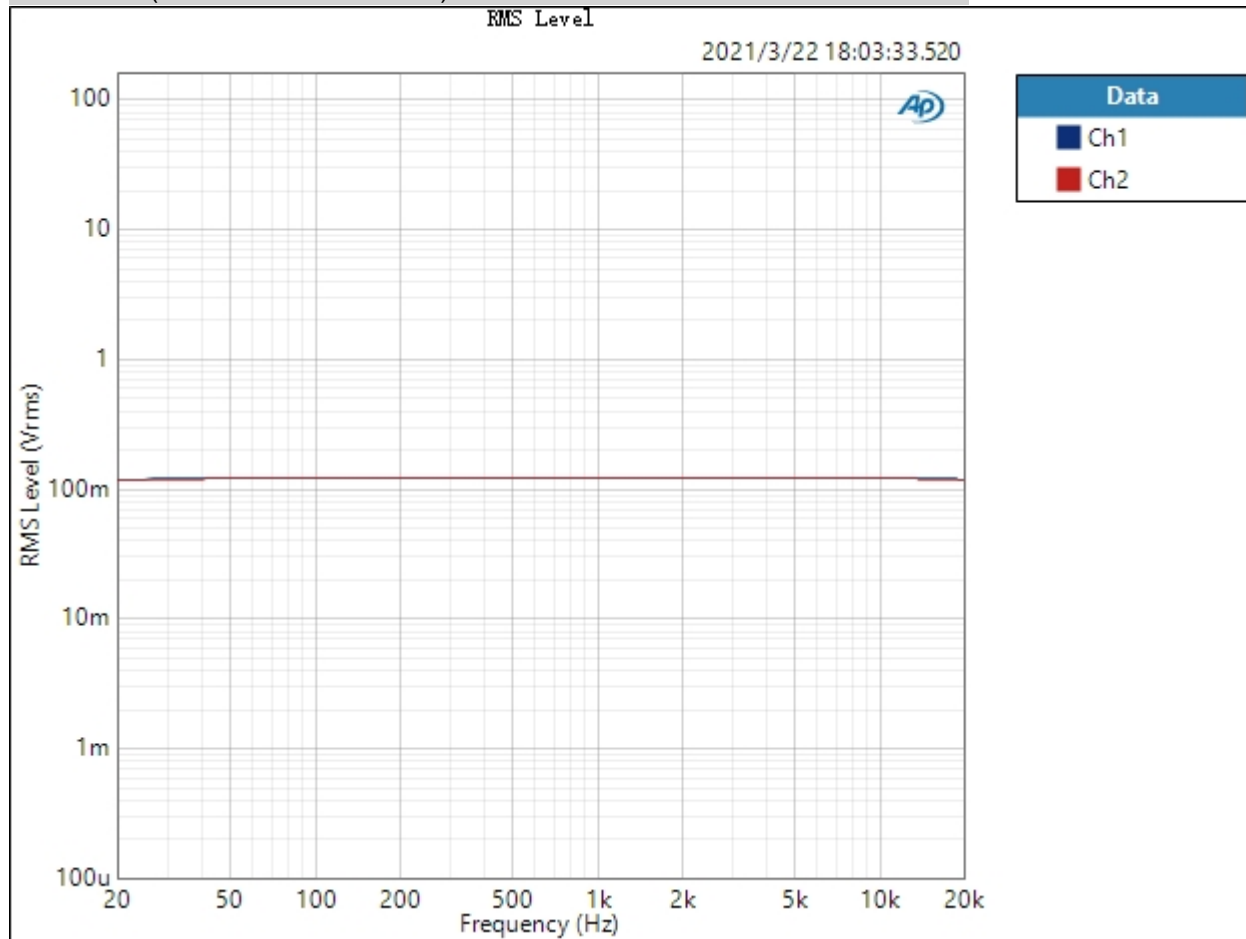
Sequence Report



Signal Path1 : Frequency Response

Start Frequency: 20.0000 Hz
Stop Frequency: 20.0000 kHz
Generator Level: -20.000 dBFS
DC Offset: 0.000 D
EQ: None
Pre-Sweep: 0.000 s
Sweep: 1.000 s
Extend Acquisition By: 50.00 ms
Secondary Source: None
Measured 1 2021/3/22 18:03:33

RMS Level (2021/3/22 18:03:33.520)



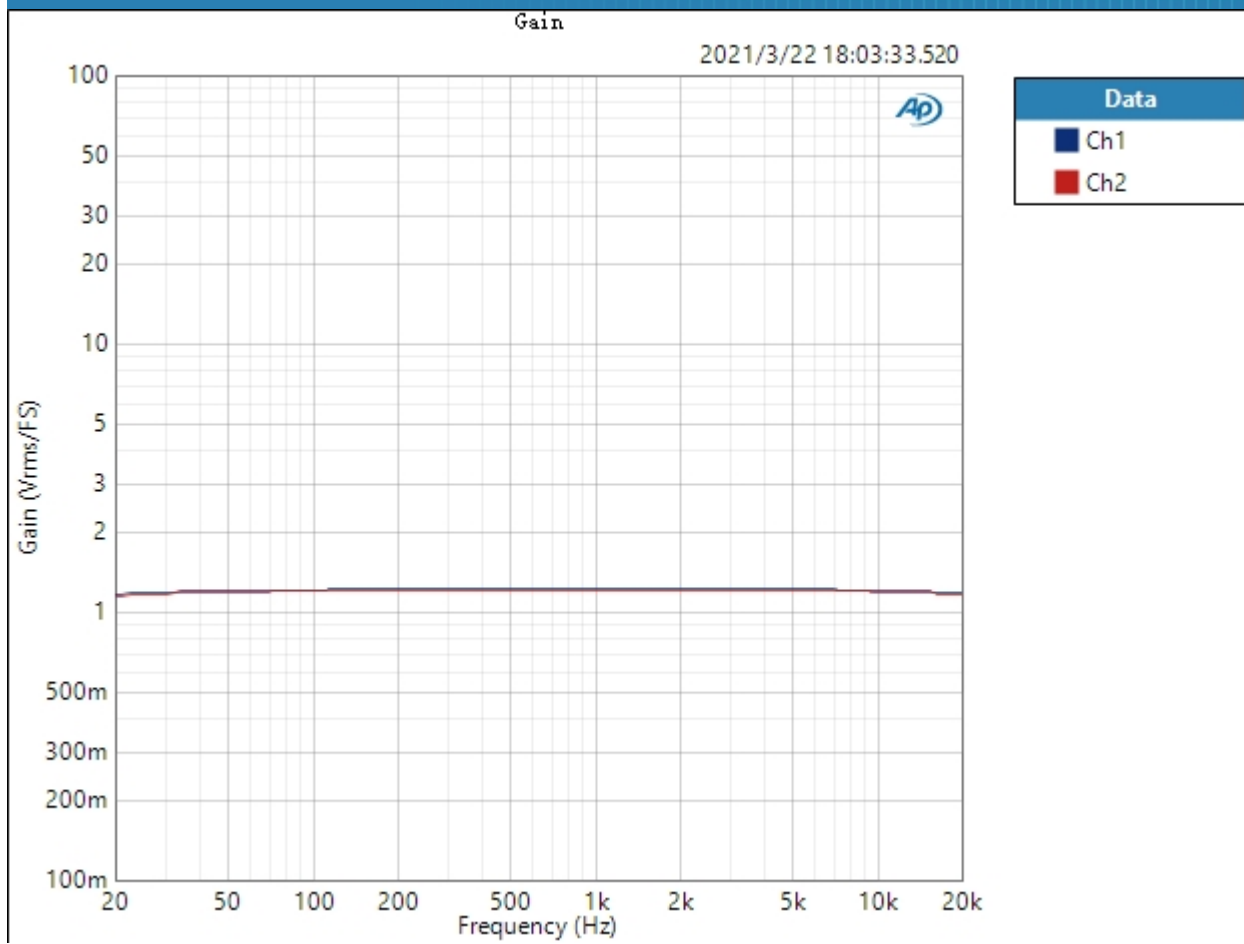
Result: PASSED

Gain (2021/3/22 18:03:33.520)

3/22/2021 6:03

Page 7 of 10

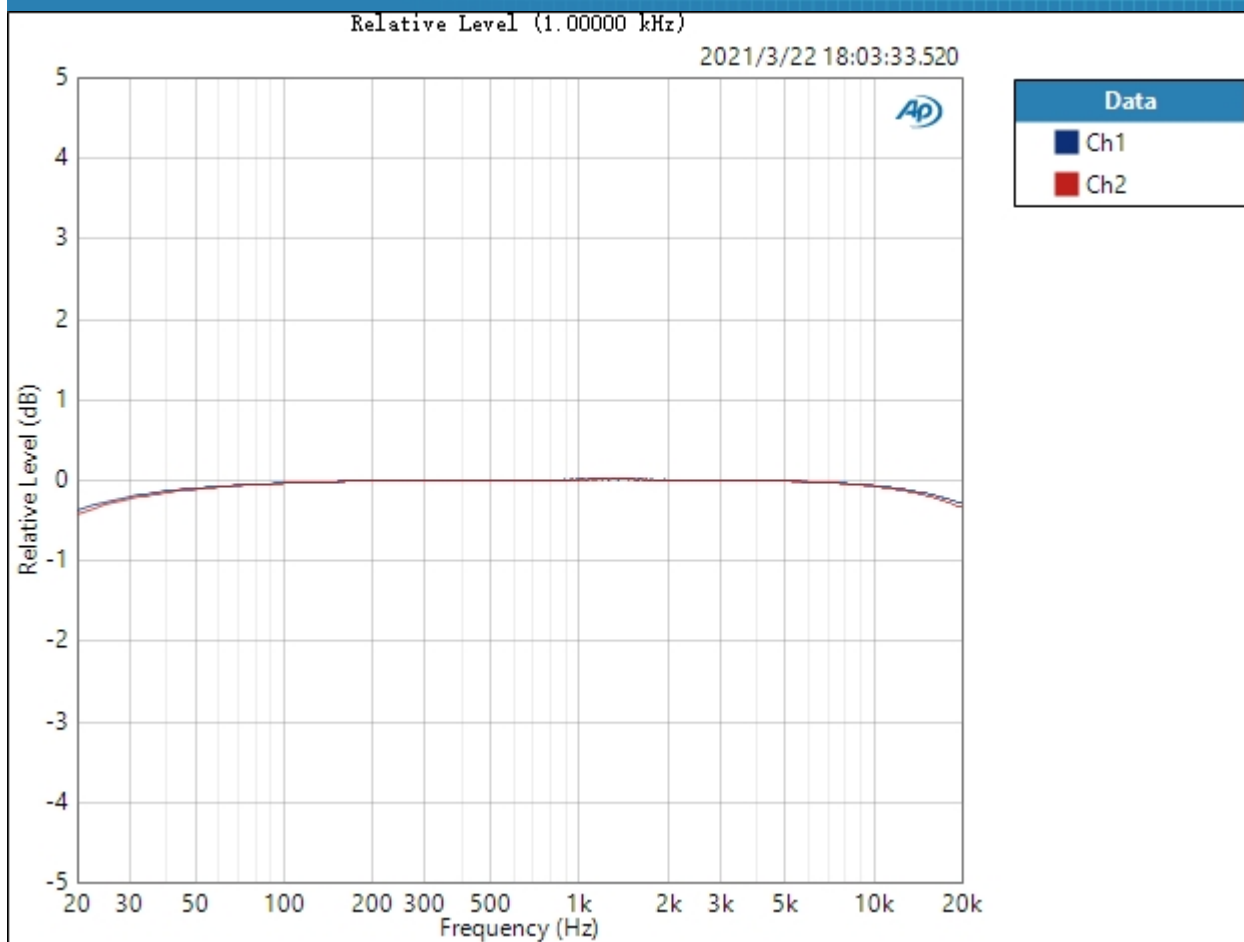
Sequence Report



Result: PASSED

Relative Level (1.00000 kHz) (2021/3/22 18:03:33.520)

Sequence Report



Relative Level (1.00000 kHz) Parameters

Mode: Normalized at Reference

Ref Frequency: 1.00000 kHz

Result: PASSED

Deviation (20.0000 Hz - 20.0000 kHz) (2021/3/22 18:03:33.520)

Ch1 ± 0.193 dB

Ch2 ± 0.210 dB

Deviation (20.0000 Hz - 20.0000 kHz) Parameters

Min: 20.0000 Hz

Max: 20.0000 kHz

Sequence Report



Signal Path1 : Signal to Noise Ratio

Waveform: Sine
Generator Level: -0.000 dBFS
DC Offset: 0.000 D
Frequency: 1.00000 kHz
Low-pass Filter: 20 kHz
Weighting Filter: Signal Path
High-pass Filter: 20 Hz

Signal to Noise Ratio (2021/3/22 18:03:36.516)

Ch1 96.476 dB

Ch2 96.299 dB

Signal Path1 : Crosstalk, One Channel Undriven

Waveform: Sine
Generator Level: -0.000 dBFS
DC Offset: 0.000 D
Frequency: 10.0000 kHz

Crosstalk (2021/3/22 18:03:38.231)

Ch1 -5.912 dB

Ch2 5.886 dB

Signal Path1 : Interchannel Phase

Waveform: Sine
Generator Level: -20.000 dBFS
DC Offset: 0.000 D
Frequency: 1.00000 kHz
Reference Channel: Ch1
Meter Range: -90 -> 270 deg

Phase (2021/3/22 18:03:40.224)

Ch1 ---- deg

Ch2 -0.077 deg