

## 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:	Analog Balanced
Channels:	2
Configuration:	CMTST
Source Impedance:	40 ohm
Auto Range:	Enabled
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:	256
Mck Inverted:	False
Edge Sync Outs:	Falling
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:	250.0 us
Scale Freq By:	Input SR
Input EQ:	None
• 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
dBrA:	0.000 dBFS
dBrB:	0.000 dBFS
dBrA Offset:	0.000 dB

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dBrB Offset:	0.000 dB
dB SPL1:	-40.000 dBFS
dB SPL2:	-40.000 dBFS
dB SPL1 Calibrator Level:	94.000 dB SPL
dB SPL2 Calibrator Level:	94.000 dB SPL
• 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

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### Signal Path1 : Verify Connections

Waveform: Sine

Generator Level: 3.300 Vpp

DC Offset: 0.000 V

Frequency: 1.00000 kHz

### RMS Level (2021/3/22 18:13:21.288)

Ch1 886.3 mFS

Ch2 885.2 mFS

### Gain (2021/3/22 18:13:21.288)

Ch1 759.6  
mFS/Vrms

Ch2 758.7  
mFS/Vrms

### THD+N Ratio (2021/3/22 18:13:21.288)

Ch1 0.027685 %

Ch2 0.028922 %

### Frequency (2021/3/22 18:13:21.288)

Ch1 1.00000 kHz

Ch2 1.00000 kHz

### Bits

Ch1 80000000

Ch2 80000000

### Bits Parameters

Display: Active Bits

### Error Rate

Ch1 ---- %

Ch2 ---- %

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### Signal Path1 : Level and Gain

Waveform: Sine

Generator Level: 3.300 Vpp

DC Offset: 0.000 V

Frequency: 1.00000 kHz

### RMS Level (2021/3/22 18:13:23.382)

Ch1 -1.050 dBFS

Ch2 -1.060 dBFS

### Gain (2021/3/22 18:13:23.382)

Ch1 759.5  
mFS/Vrms

Ch2 758.6  
mFS/Vrms

### Peak Level (2021/3/22 18:13:23.382)

Ch1 886.0 mD

Ch2 885.0 mD

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Signal Path1 : THD+N

Waveform: Sine  
 Generator Level: 3.300 Vpp  
 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 (2021/3/22 18:13:26.304)

Ch1 0.028216 %

Ch2 0.029720 %

THD+N Level (2021/3/22 18:13:26.304)

Ch1 -72.044 dBFS

Ch2 -71.604 dBFS

THD Ratio (2021/3/22 18:13:26.304)

Ch1 0.028182 %

Ch2 0.029672 %

THD Level (2021/3/22 18:13:26.304)

Ch1 -72.051 dBFS

Ch2 -71.614 dBFS

Noise Ratio (2021/3/22 18:13:26.304)

Ch1 0.001749 %

Ch2 0.001765 %

Noise Level (2021/3/22 18:13:26.304)

Ch1 -96.195 dBFS

Ch2 -96.128 dBFS

Distortion Product Ratio (2021/3/22 18:13:26.304)

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	-71.05	-91.04	-119.08	-98.15	-107.29	-112.92	-124.62	-125.67	-123.58
	1.000k	2.000k	3.000k	4.000k	5.000k	6.000k	7.000k	8.000k	9.000k	10.00k
Ch2	-0.00	-70.62	-89.62	-120.31	-97.96	-106.19	-113.79	-126.81	-125.51	-124.87

Distortion Product Ratio Parameters

Frequency Unit: Hz

Ratio Unit: dB

Distortion Product Level (2021/3/22 18:13:26.304)

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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	-1.050	-72.105	-92.087	-120.130	-99.197	-108.340	-113.973	-125.668	-126.725	-124.631
	1.000k	2.000k	3.000k	4.000k	5.000k	6.000k	7.000k	8.000k	9.000k	10.00k
Ch2	-1.061	-71.678	-90.684	-121.375	-99.016	-107.251	-114.853	-127.874	-126.575	-125.932

### Distortion Product Level Parameters

Frequency Unit: Hz

Level Unit: dBFS

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Signal Path1 : Frequency Response

Start Frequency: 20.0000 Hz

Stop Frequency: 20.0000 kHz

Generator Level: 3.300 Vpp

DC Offset: 0.000 V

EQ: None

Pre-Sweep: 0.000 s

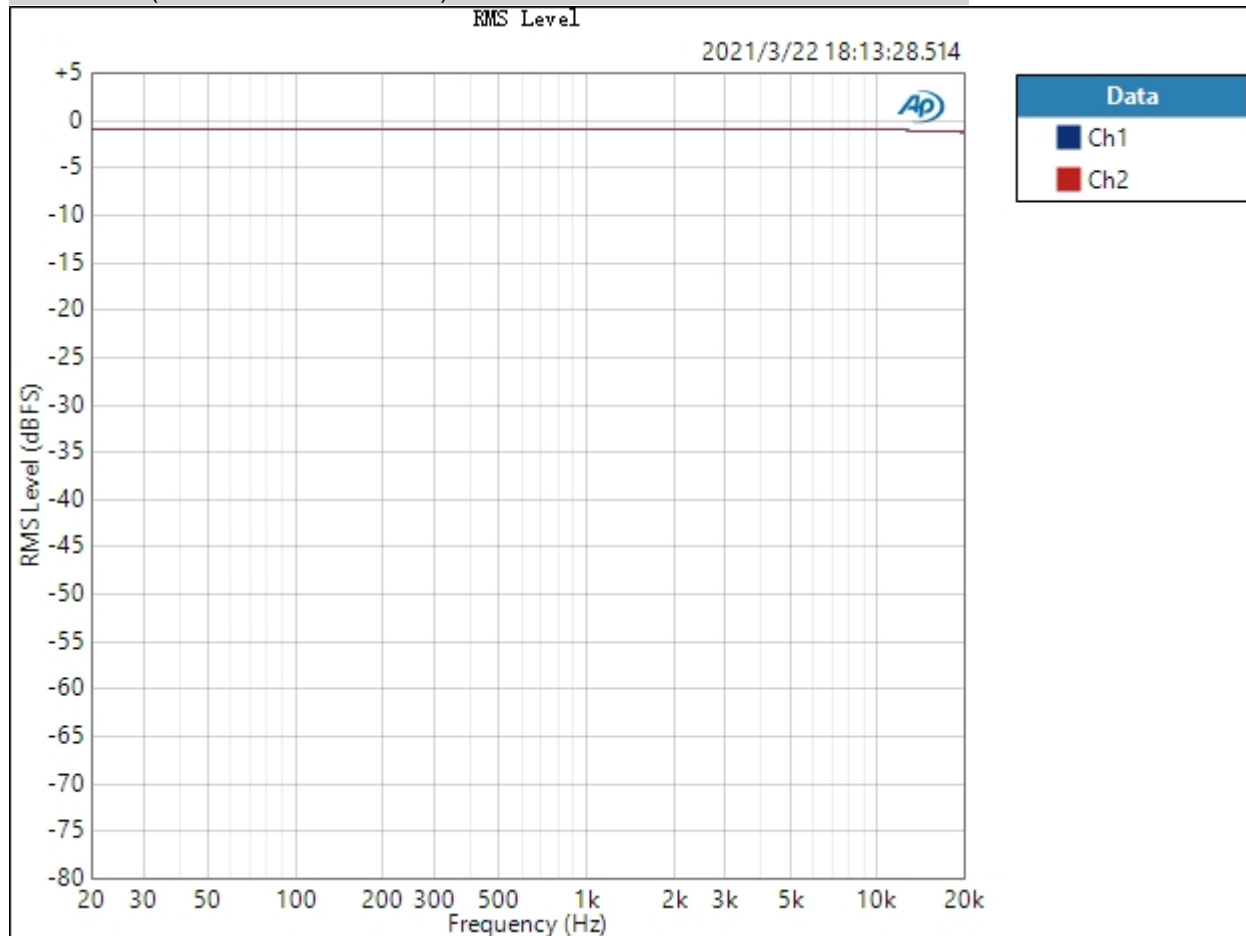
Sweep: 350.0 ms

Extend Acquisition By: 50.00 ms

Secondary Source: None

Measured 1 2021/3/22 18:13:28

RMS Level (2021/3/22 18:13:28.514)



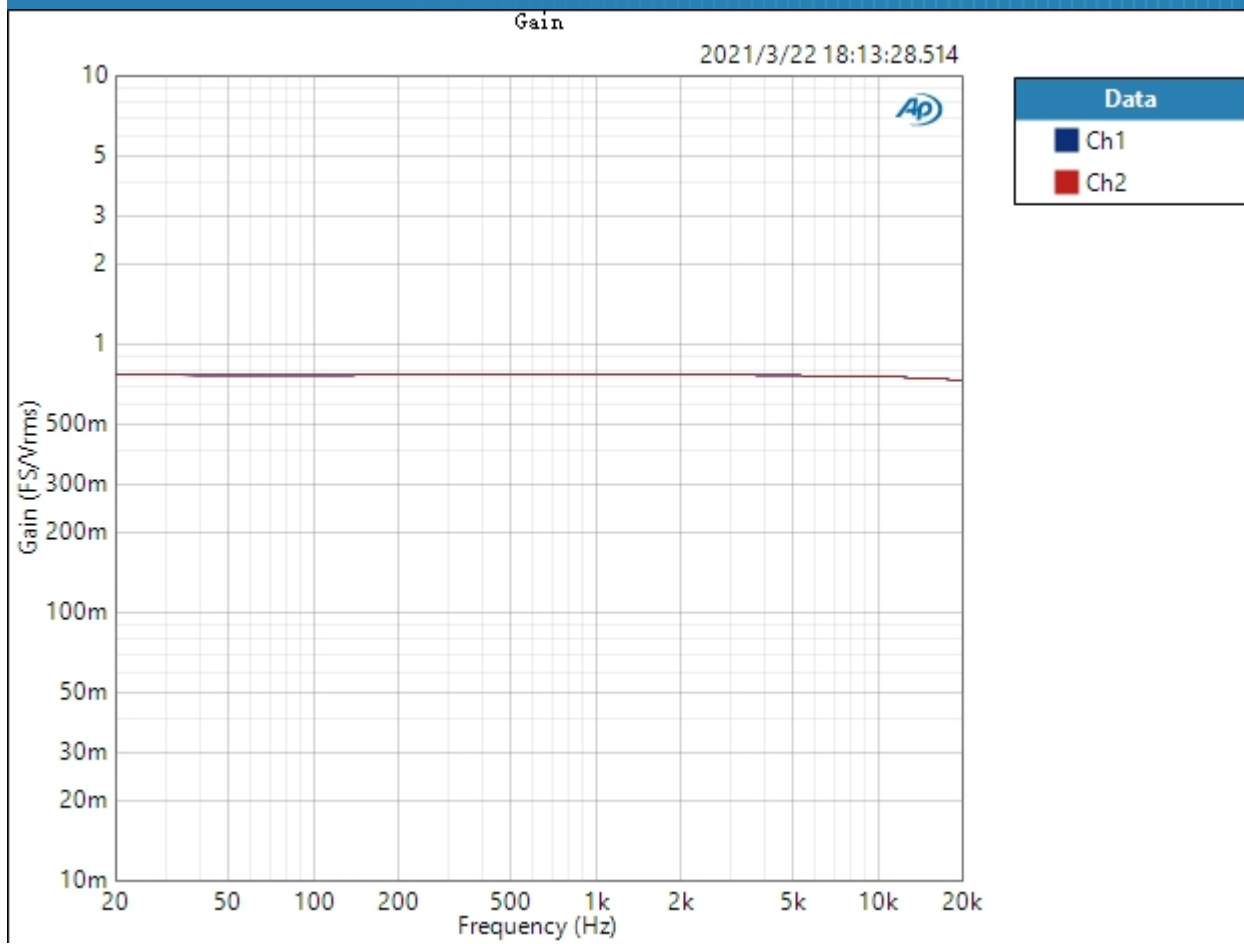
Result: PASSED

Gain (2021/3/22 18:13:28.514)

3/22/2021 6:13

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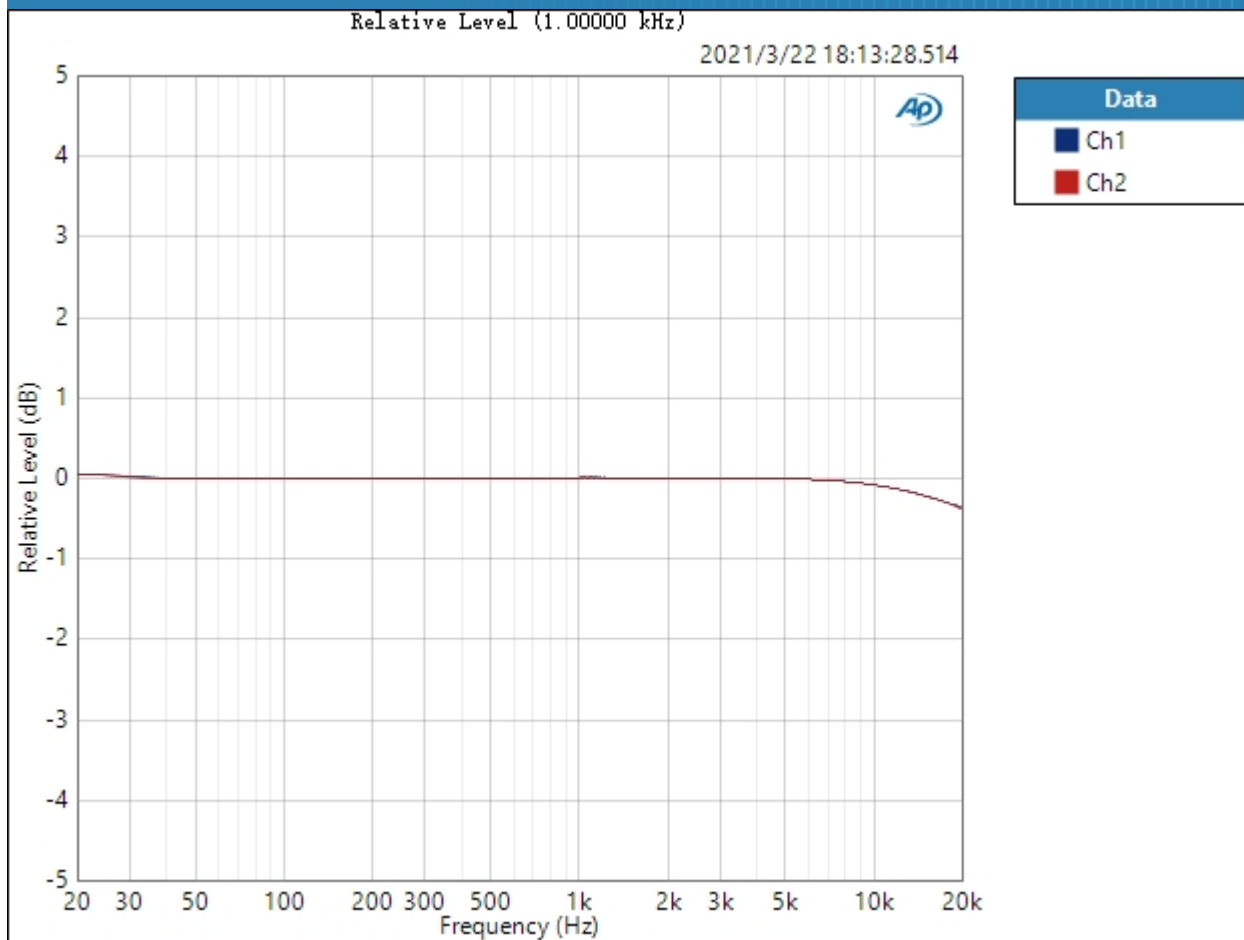
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Result: PASSED

Relative Level (1.00000 kHz) (2021/3/22 18:13:28.514)

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### 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 18:13:28.514)

Ch1  $\pm 0.216$  dB

Ch2  $\pm 0.219$  dB

### Deviation (20.0000 Hz - 20.0000 kHz) Parameters

Min: 20.0000 Hz

Max: 20.0000 kHz

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### Signal Path1 : Signal to Noise Ratio

Waveform: Sine  
Generator Level: 3.300 Vpp  
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 (2021/3/22 18:13:31.177)

Ch1 95.623 dB

Ch2 95.627 dB

### Signal Path1 : Crosstalk, One Channel Undriven

Waveform: Sine  
Generator Level: 3.300 Vpp  
DC Offset: 0.000 V  
Frequency: 10.0000 kHz

#### Crosstalk (2021/3/22 18:13:34.638)

Ch1 -2.233 dB

Ch2 -0.012 dB

### Signal Path1 : Interchannel Phase

Waveform: Sine  
Generator Level: 3.300 Vpp  
DC Offset: 0.000 V  
Frequency: 1.00000 kHz  
Reference Channel: Ch1  
Meter Range: -90 -> 270 deg

#### Phase (2021/3/22 18:13:36.598)

Ch1 ---- deg

Ch2 -0.007 deg