

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
Stepped Frequency Sweep	✓ PASSED

Sequence Result:

Sequence Result: ✓ PASSED

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Signal Path1 : Signal Path Setup

Output Connector:	Analog Unbalanced
Channels:	2
Source Impedance:	50 ohm
Output EQ:	None
Input Connector:	Analog Unbalanced
Channels:	2
Termination:	100 kohm
Input Bandwidth:	22.0000 Hz - 22.0000 kHz, A-wt.
Device Delay:	0.000 s
Input EQ:	None

• References

dBr G:	283.3 mVrms
dBm (Output Power):	600.0 ohm
W(watts) (Output Power):	8.000 ohm
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
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.

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Signal Path1 : Verify Connections

Waveform: Sine

Generator Level: 283.3 mVrms

DC Offset: 0.000 V

Frequency: 1.00000 kHz

RMS Level (6/19/2018 11:22:44.547 AM)

Ch1 2.084 Vrms

Ch2 2.080 Vrms

Gain (6/19/2018 11:22:44.547 AM)

Ch1 17.332 dB

Ch2 17.316 dB

THD+N Ratio (6/19/2018 11:22:44.547 AM)

Ch1 -106.518 dB

Ch2 -106.408 dB

Frequency (6/19/2018 11:22:44.547 AM)

Ch1 0.99700 kHz

Ch2 0.99700 kHz

Signal Path1 : Level and Gain

Waveform: Sine

Generator Level: 283.3 mVrms

DC Offset: 0.000 V

Frequency: 1.00000 kHz

Low-pass Filter: 22 kHz

RMS Level (6/19/2018 11:22:46.177 AM)

Ch1 2.084 Vrms

Ch2 2.080 Vrms

Gain (6/19/2018 11:22:46.177 AM)

Ch1 17.332 dB

Ch2 17.316 dB

Peak Level (6/19/2018 11:22:46.177 AM)

Ch1 2.947 V

Ch2 2.941 V

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Signal Path1 : THD+N

Waveform: Sine
 Generator Level: 283.3 mVrms
 DC Offset: 0.000 V
 Frequency: 1.00000 kHz
 Low-pass Filter: 22 kHz
 Weighting Filter: A-wt.
 High-pass Filter: 22 Hz
 Notch Tuning Mode: Measured Frequency

THD+N Ratio (6/19/2018 11:22:48.546 AM)

Ch1 -112.889 dB

Ch2 -112.637 dB

THD+N Level (6/19/2018 11:22:48.546 AM)

Ch1 4.730 uVrms

Ch2 4.860 uVrms

THD Ratio (6/19/2018 11:22:48.546 AM)

Ch1 -120.639 dB

Ch2 -122.291 dB

THD Level (6/19/2018 11:22:48.546 AM)

Ch1 1.936 uVrms

Ch2 1.598 uVrms

Noise Ratio (6/19/2018 11:22:48.546 AM)

Ch1 -113.594 dB

Ch2 -113.094 dB

Noise Level (6/19/2018 11:22:48.546 AM)

Ch1 4.356 uVrms

Ch2 4.606 uVrms

Distortion Product Ratio (6/19/2018 11:22:48.546 AM)

Channel	F	H2	H3	H4	H5	H6	H7	H8	H9	H10
	0.997k	1.994k	2.991k	3.988k	4.985k	5.982k	6.979k	7.976k	8.973k	9.970k
Ch1	-0.00	-132.07	-123.41	-131.22	-129.23	-136.87	-131.40	-137.45	-137.73	-140.42
	0.997k	1.994k	2.991k	3.988k	4.985k	5.982k	6.979k	7.976k	8.973k	9.970k
Ch2	-0.00	-136.73	-130.72	-132.97	-131.92	-126.94	-129.07	-139.36	-137.79	-145.73

Distortion Product Ratio Parameters

Frequency Unit: Hz

Ratio Unit: dB

Distortion Product Level (6/19/2018 11:22:48.546 AM)

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Channel	F	H2	H3	H4	H5	H6	H7	H8	H9	H10
	0.997k	1.994k	2.991k	3.988k	4.985k	5.982k	6.979k	7.976k	8.973k	9.970k
Ch1	2.084	519.1 n	1.407 u	572.4 n	720.4 n	298.8 n	560.9 n	279.5 n	270.7 n	198.4 n
	0.997k	1.994k	2.991k	3.988k	4.985k	5.982k	6.979k	7.976k	8.973k	9.970k
Ch2	2.080	303.2 n	605.4 n	467.5 n	527.2 n	0.936 u	732.3 n	224.0 n	268.1 n	107.5 n

Distortion Product Level Parameters

Frequency Unit: Hz

Level Unit: Vrms

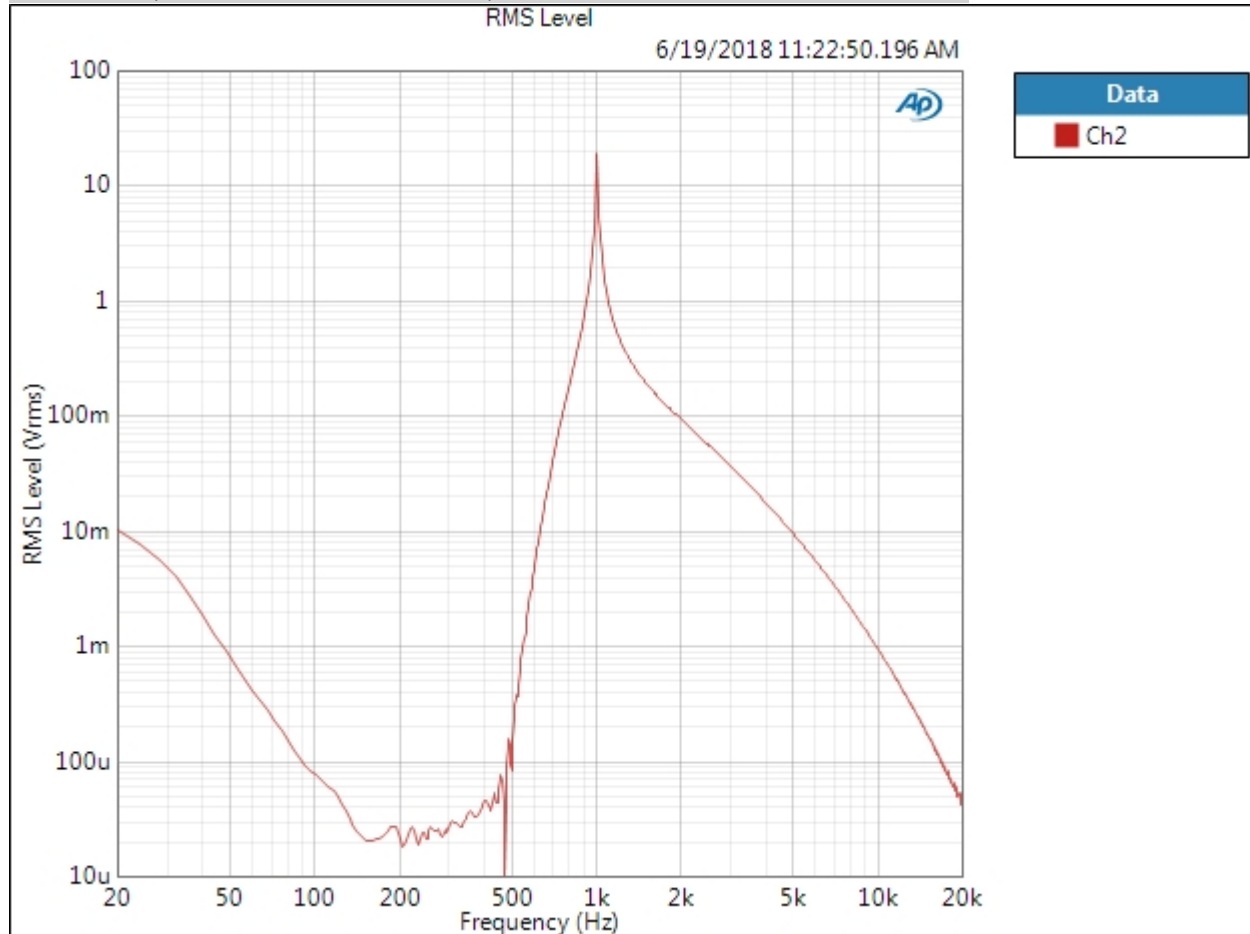
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Signal Path1 : Frequency Response

Generator Level: 283.3 mVrms
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 6/19/2018 11:22:50 AM

RMS Level (6/19/2018 11:22:50.196 AM)

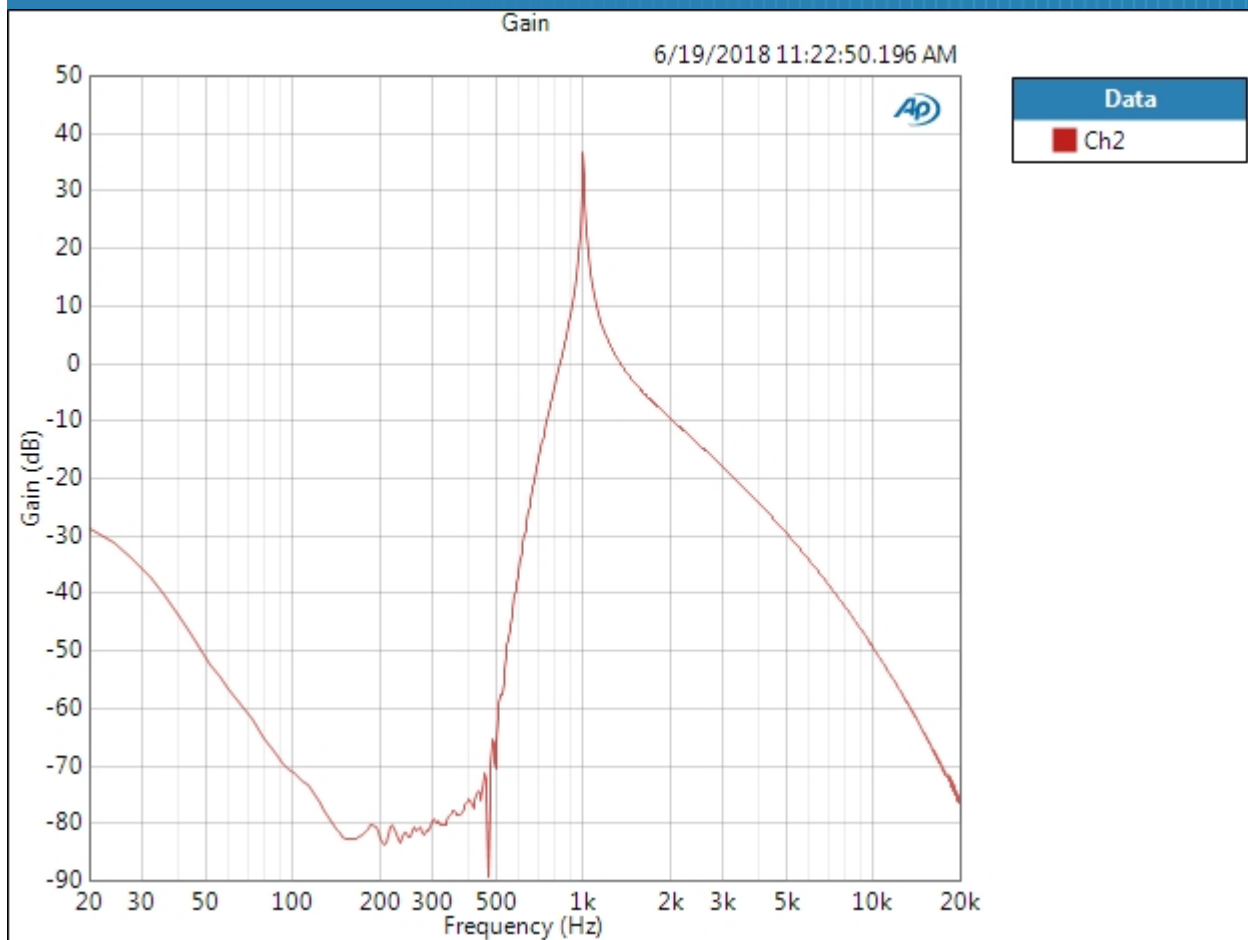


Result: PASSED

Gain (6/19/2018 11:22:50.196 AM)

6/19/2018 11:23 AM

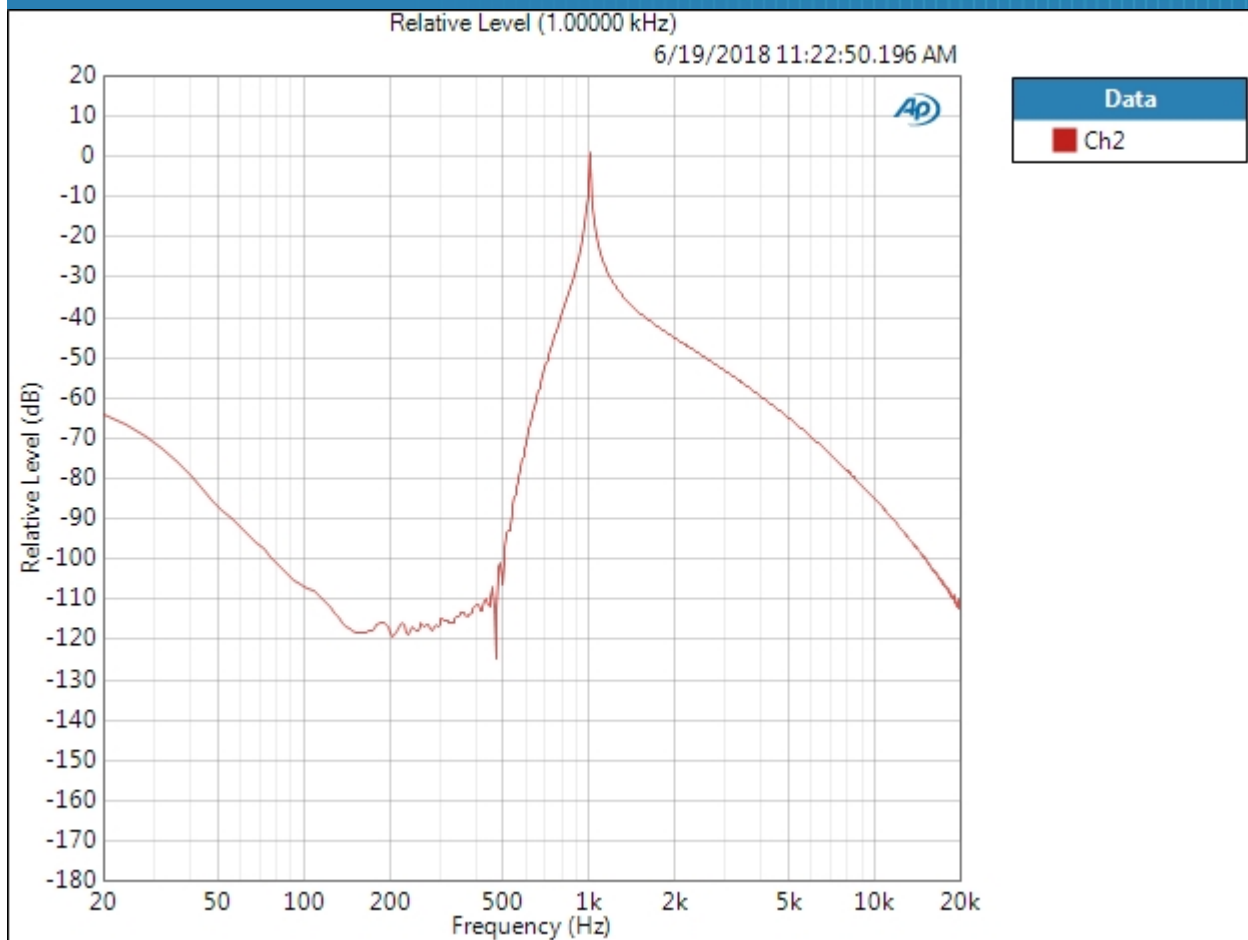
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Result: PASSED

Relative Level (1.00000 kHz) (6/19/2018 11:22:50.196 AM)

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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) (6/19/2018 11:22:50.196 AM)

Ch1 ± 62.891 dB

Ch2 ± 62.913 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: 283.3 mVrms
DC Offset: 0.000 V
Frequency: 1.00000 kHz
Low-pass Filter: 22 kHz
Weighting Filter: A-wt.
High-pass Filter: 22 Hz

Signal to Noise Ratio (6/19/2018 11:22:52.356 AM)

Ch1 0.009 dB

Ch2 0.009 dB

Signal Path1 : Crosstalk, One Channel Undriven

Waveform: Sine
Generator Level: 283.3 mVrms
DC Offset: 0.000 V
Frequency: 1.00000 kHz

Crosstalk (6/19/2018 11:22:53.726 AM)

Ch1 0.016 dB

Ch2 -0.016 dB

Signal Path1 : Interchannel Phase

Waveform: Sine
Generator Level: 283.3 mVrms
DC Offset: 0.000 V
Frequency: 1.00000 kHz
Reference Channel: Ch1
Meter Range: -90 -> 270 deg

Phase (6/19/2018 11:22:55.326 AM)

Ch1 ---- deg

Ch2 -0.001 deg

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Signal Path1 : Stepped Frequency Sweep

Generator Level: 283.3 mVrms

DC Offset: 0.000 V

EQ: None

Start Frequency: 20.0000 kHz

Stop Frequency: 20.0000 Hz

Step Type: Logarithmic

Number of Points: 31

Low-pass Filter: 22 kHz

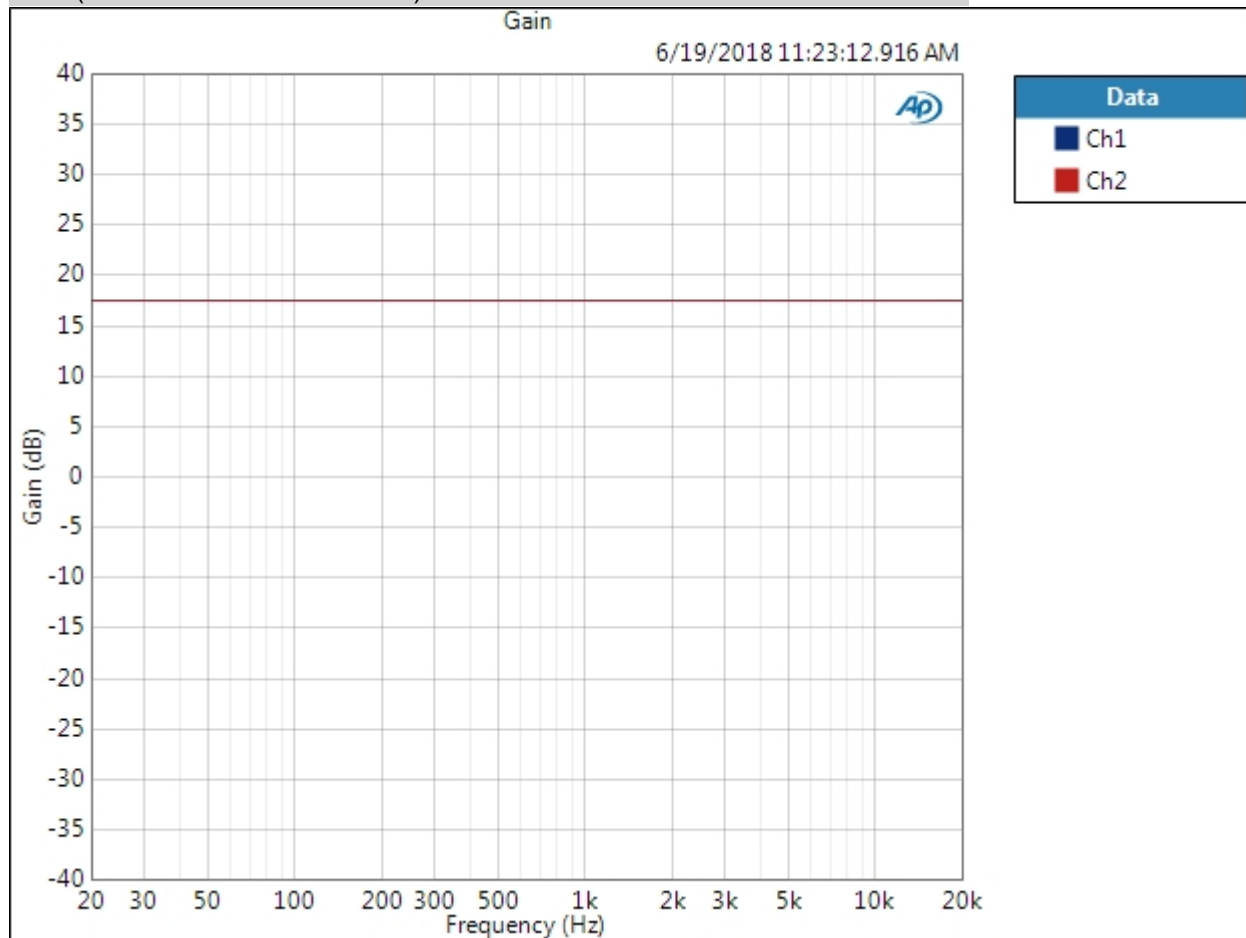
Weighting Filter: A-wt.

High-pass Filter: 22 Hz

Phase Ref Channel: Ch1

Measured 1 6/19/2018 11:23:12 AM

Gain (6/19/2018 11:23:12.916 AM)

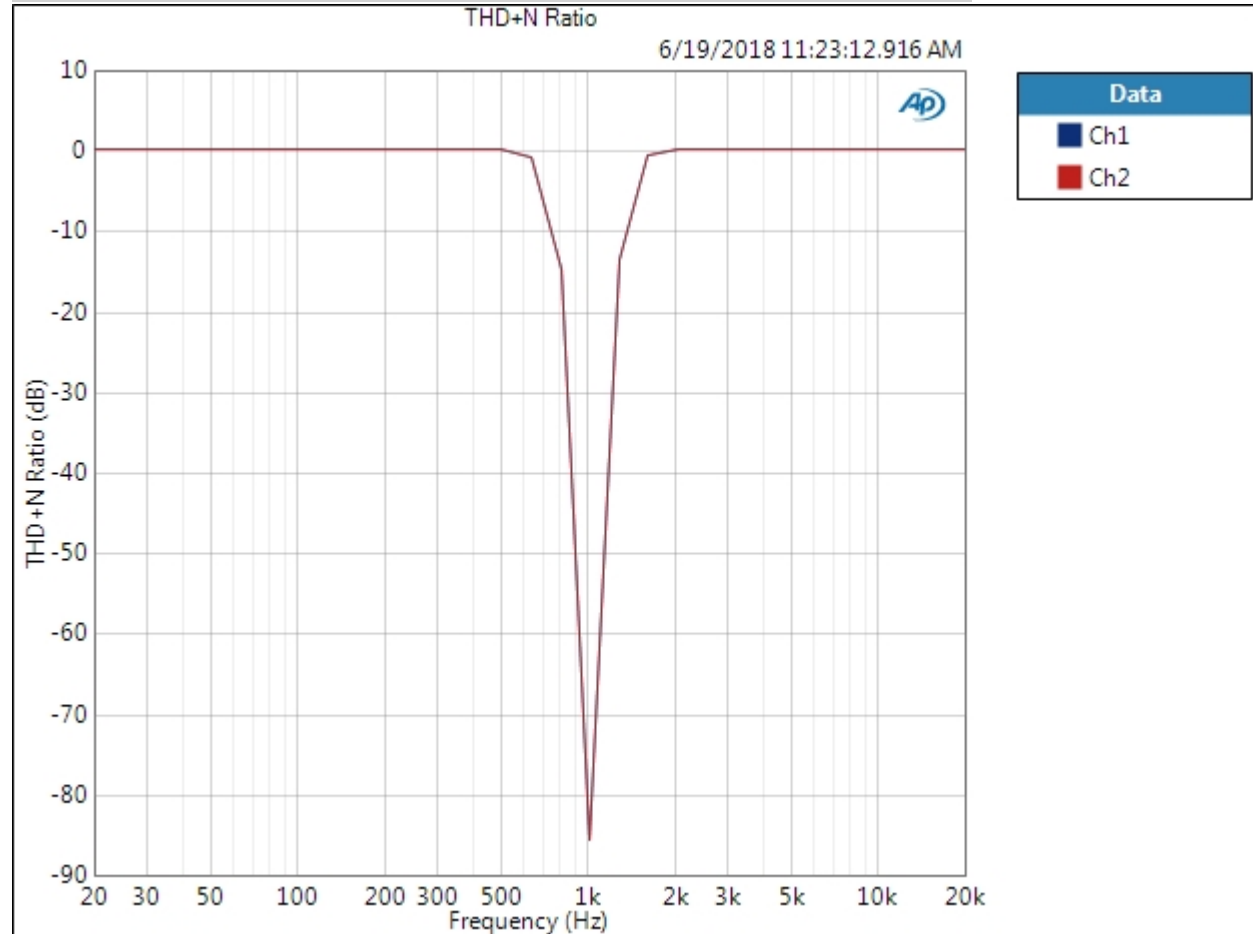


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Result: PASSED

THD+N Ratio (6/19/2018 11:23:12.916 AM)



Result: PASSED