

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

Sequence Report



Signal Path1 : Signal Path Setup

| | |
|---------------------|--------------------------|
| Output Connector: | Digital Unbalanced |
| Output Sample Rate: | 44.1000 kHz |
| Output Bit Depth: | 24 |
| Dither: | Enabled |
| Output Mode: | Consumer |
| Status Bits: | Auto (Consumer) |
| Output EQ: | None |
| Input Connector: | Digital Unbalanced |
| Input Bit Depth: | 24 |
| 75 ohm Termination: | Enabled |
| Input Bandwidth: | 20.0000 Hz - Fs/2, A-wt. |
| Device Delay: | 0.000 s |
| Scale Freq By: | Fixed Rate |
| Fixed Rate: | 44.1000 kHz |
| Input EQ: | None |

• References

| | |
|-----------------------------|---------------|
| dBr G: | -20.000 dBFS |
| 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 |
| 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.

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Signal Path1 : Verify Connections

Waveform: Sine

Generator Level: -20.000 dBFS

DC Offset: 0.000 D

Frequency: 1.00000 kHz

RMS Level (6/9/2017 11:03:15.444 AM)

Ch1 -0.000 dBFS

Ch2 -0.000 dBFS

Gain (6/9/2017 11:03:15.444 AM)

Ch1 20.000 dB

Ch2 20.000 dB

THD+N Ratio (6/9/2017 11:03:15.444 AM)

Ch1 -85.663 dB

Ch2 -85.663 dB

Frequency (6/9/2017 11:03:15.444 AM)

Ch1 1.00000 kHz

Ch2 1.00000 kHz

Signal Path1 : Level and Gain

Waveform: Sine

Generator Level: -20.000 dBFS

DC Offset: 0.000 D

Frequency: 1.00000 kHz

Low-pass Filter: 20 kHz

RMS Level (6/9/2017 11:03:17.192 AM)

Ch1 -0.000 dBFS

Ch2 -0.000 dBFS

Gain (6/9/2017 11:03:17.192 AM)

Ch1 20.000 dB

Ch2 20.000 dB

Peak Level (6/9/2017 11:03:17.192 AM)

Ch1 1.000 D

Ch2 1.000 D

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Signal Path1 : THD+N

Waveform: Sine
 Generator Level: -20.000 dBFS
 DC Offset: 0.000 D
 Frequency: 1.00000 kHz
 Low-pass Filter: 20 kHz
 Weighting Filter: A-wt.
 High-pass Filter: 20 Hz
 Notch Tuning Mode: Measured Frequency

THD+N Ratio (6/9/2017 11:03:19.017 AM)

Ch1 -84.980 dB
 Ch2 -84.980 dB

THD+N Level (6/9/2017 11:03:19.017 AM)

Ch1 -84.980 dBFS
 Ch2 -84.980 dBFS

THD Ratio (6/9/2017 11:03:19.017 AM)

Ch1 -108.975 dB
 Ch2 -108.975 dB

THD Level (6/9/2017 11:03:19.017 AM)

Ch1 -108.975 dBFS
 Ch2 -108.975 dBFS

Noise Ratio (6/9/2017 11:03:19.017 AM)

Ch1 -84.905 dB
 Ch2 -84.905 dB

Noise Level (6/9/2017 11:03:19.017 AM)

Ch1 -84.905 dBFS
 Ch2 -84.905 dBFS

Distortion Product Ratio (6/9/2017 11:03:19.017 AM)

| 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 | -121.21 | -132.62 | -112.59 | -120.23 | -116.78 | -127.22 | -127.82 | -124.04 | -127.41 |
| Ch2 | -0.00 | -121.21 | -132.62 | -112.59 | -120.23 | -116.78 | -127.22 | -127.82 | -124.04 | -127.41 |

Distortion Product Ratio Parameters

Frequency Unit: Hz
 Ratio Unit: dB

Distortion Product Level (6/9/2017 11:03:19.017 AM)

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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 | -0.000 | -121.211 | -132.623 | -112.594 | -120.229 | -116.783 | -127.224 | -127.815 | -124.038 | -127.408 |
| | 1.000k | 2.000k | 3.000k | 4.000k | 5.000k | 6.000k | 7.000k | 8.000k | 9.000k | 10.00k |
| Ch2 | -0.000 | -121.211 | -132.623 | -112.594 | -120.229 | -116.783 | -127.224 | -127.815 | -124.038 | -127.408 |

Distortion Product Level Parameters

Frequency Unit: Hz

Level Unit: dBFS

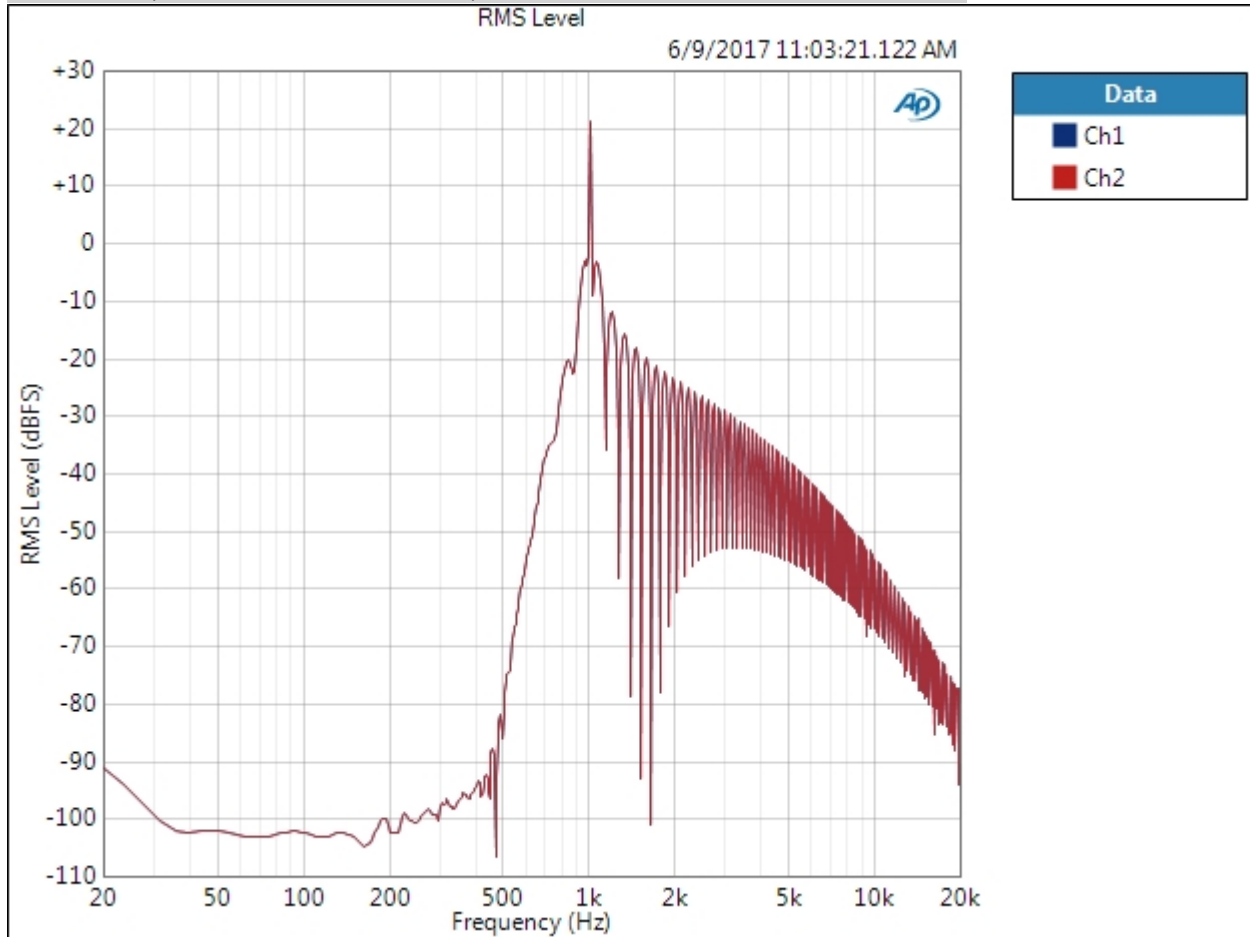
Sequence Report



Signal Path1 : Frequency Response

Generator Level: -20.000 dBFS
DC Offset: 0.000 D
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 6/9/2017 11:03:21 AM

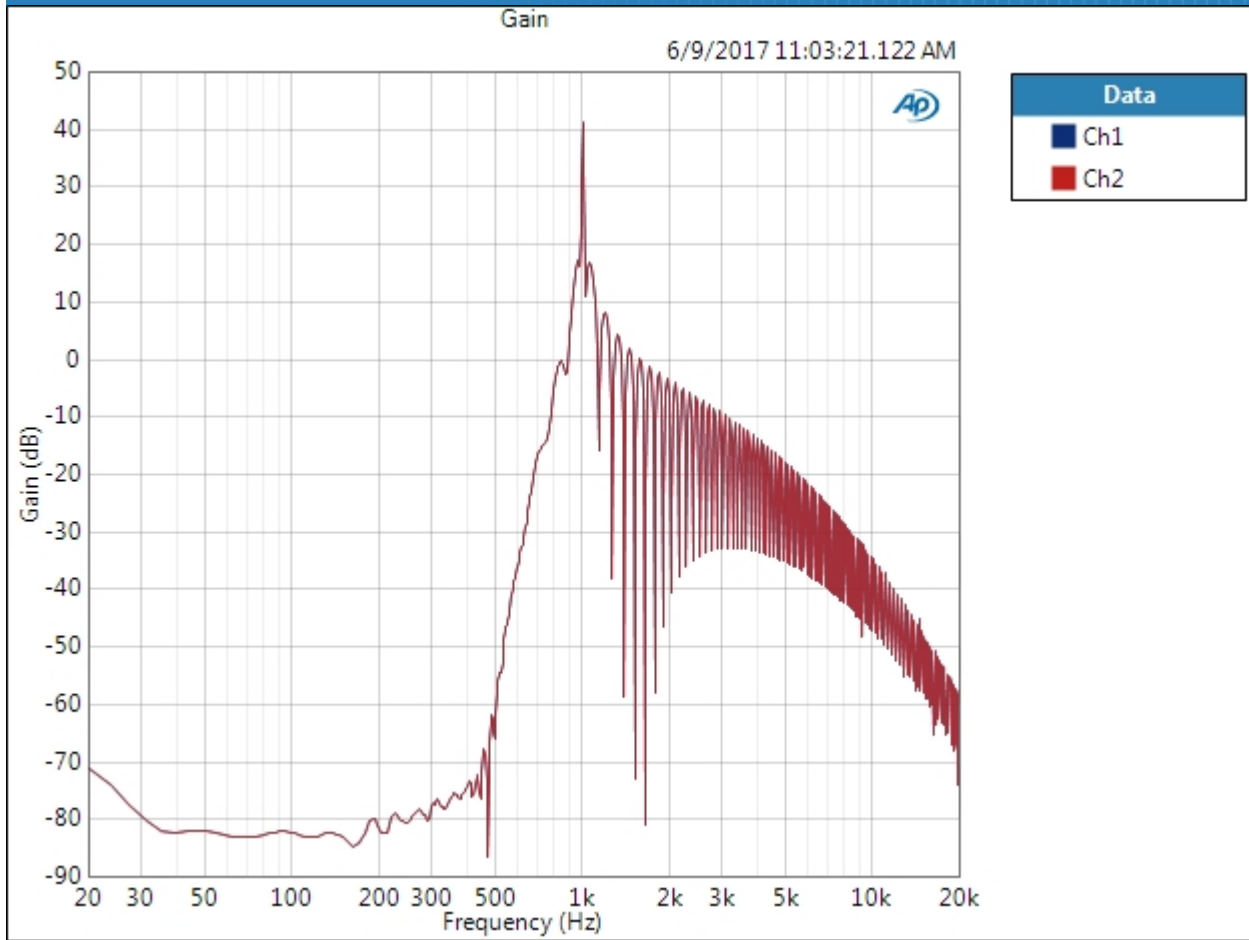
RMS Level (6/9/2017 11:03:21.122 AM)



Result: PASSED

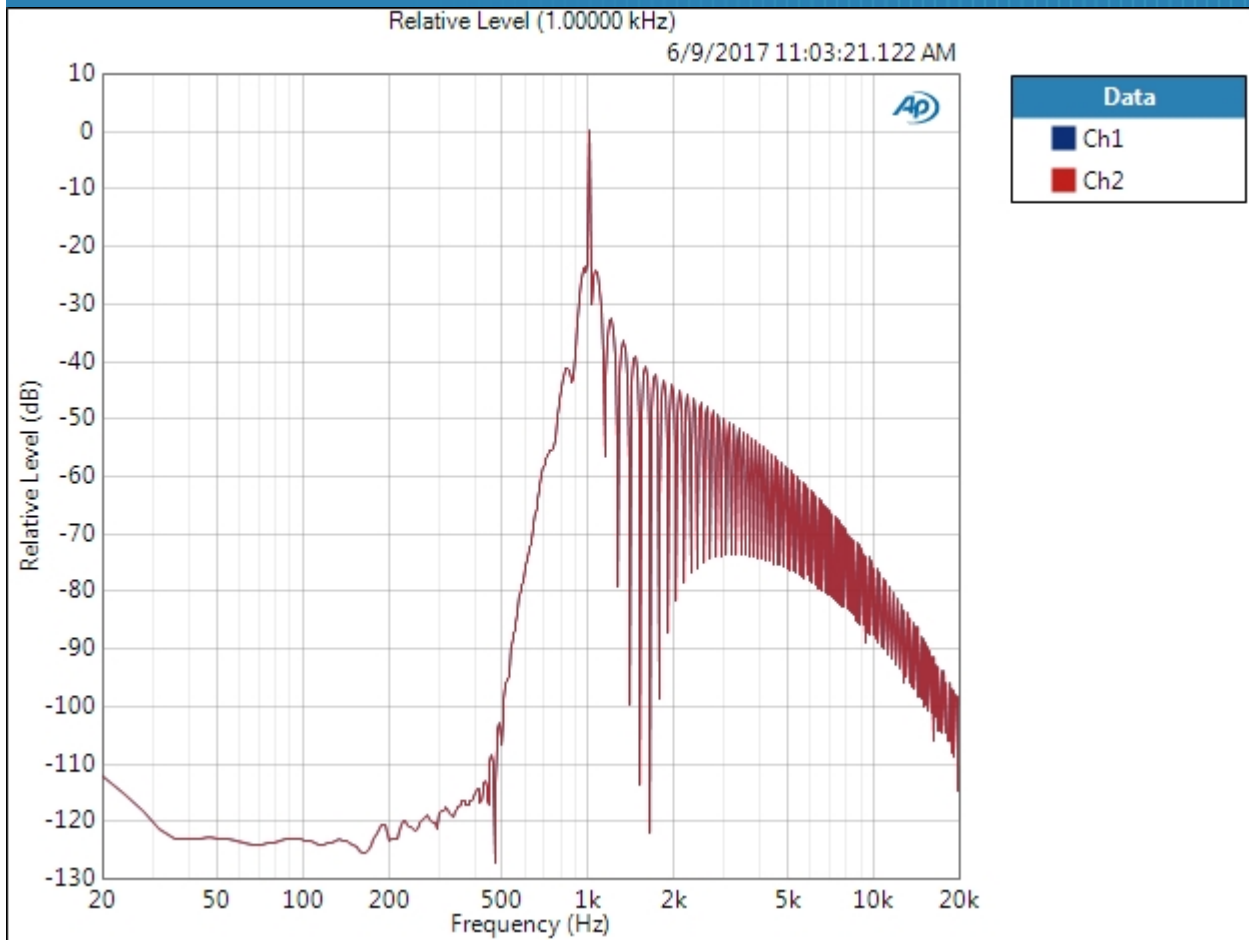
Gain (6/9/2017 11:03:21.122 AM)

6/9/2017 11:03 AM



Result: ✔ PASSED

Relative Level (1.00000 kHz) (6/9/2017 11:03:21.122 AM)



Relative Level (1.00000 kHz) Parameters

Mode: Normalized at Reference

Ref Frequency: 1.00000 kHz

Result: PASSED

Deviation (20.0000 Hz - 20.0000 kHz) (6/9/2017 11:03:21.122 AM)

Ch1 ± 63.679 dB

Ch2 ± 63.679 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: -20.000 dBFS
DC Offset: 0.000 D
Frequency: 1.00000 kHz
Low-pass Filter: 20 kHz
Weighting Filter: A-wt.
High-pass Filter: 20 Hz

Signal to Noise Ratio (6/9/2017 11:03:23.378 AM)

Ch1 0.000 dB
Ch2 0.000 dB

Signal Path1 : Crosstalk, One Channel Undriven

Waveform: Sine
Generator Level: -20.000 dBFS
DC Offset: 0.000 D
Frequency: 1.00000 kHz

Crosstalk (6/9/2017 11:03:24.828 AM)

Ch1 0.000 dB
Ch2 0.000 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 (6/9/2017 11:03:26.506 AM)

Ch1 ---- deg
Ch2 0.000 deg

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Signal Path1 : Stepped Frequency Sweep

Generator Level: -20.000 dBFS

DC Offset: 0.000 D

EQ: None

Start Frequency: 20.0000 kHz

Stop Frequency: 20.0000 Hz

Step Type: Logarithmic

Number of Points: 31

Low-pass Filter: 20 kHz

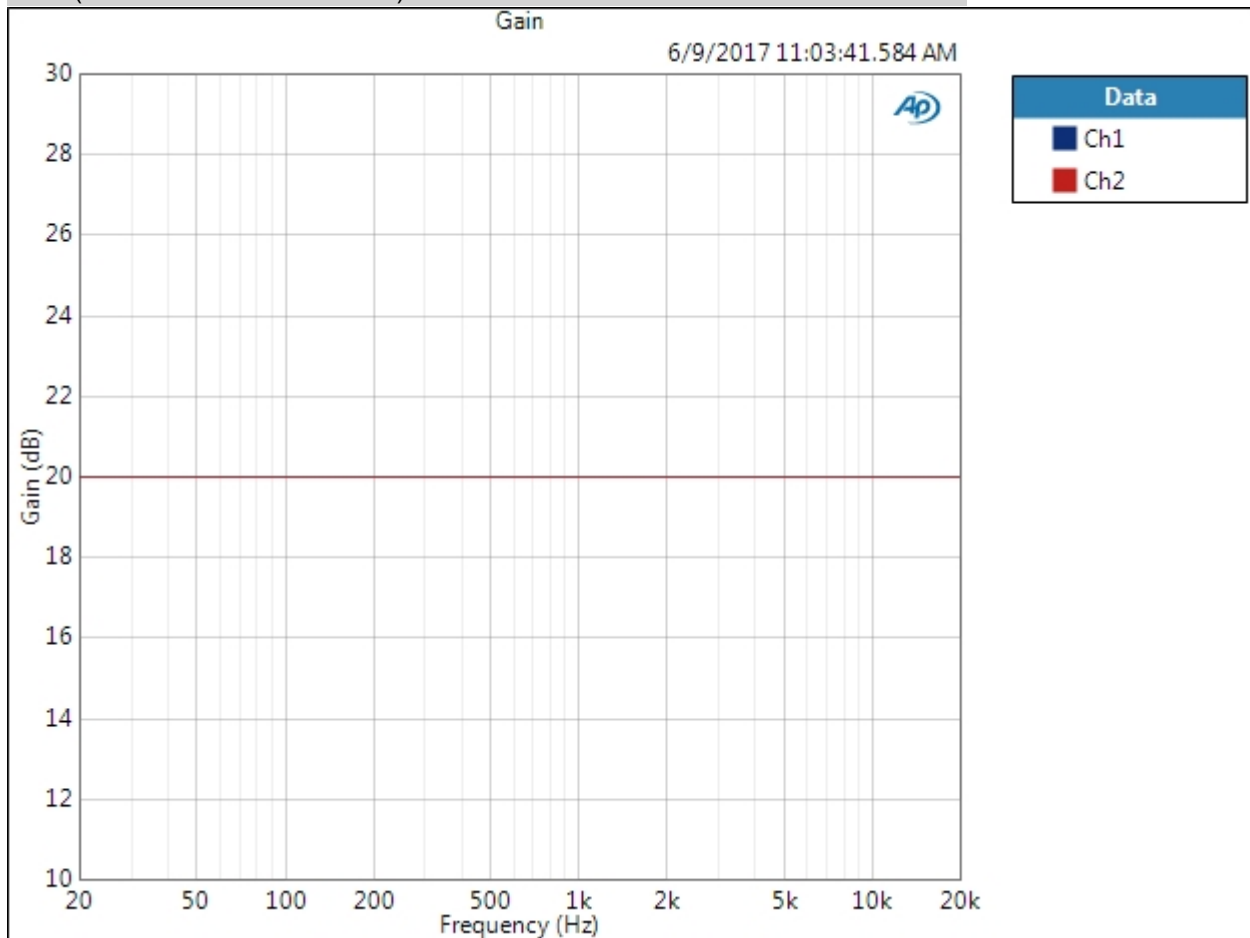
Weighting Filter: A-wt.

High-pass Filter: 20 Hz

Phase Ref Channel: Ch1

Measured 1 6/9/2017 11:03:41 AM

Gain (6/9/2017 11:03:41.584 AM)

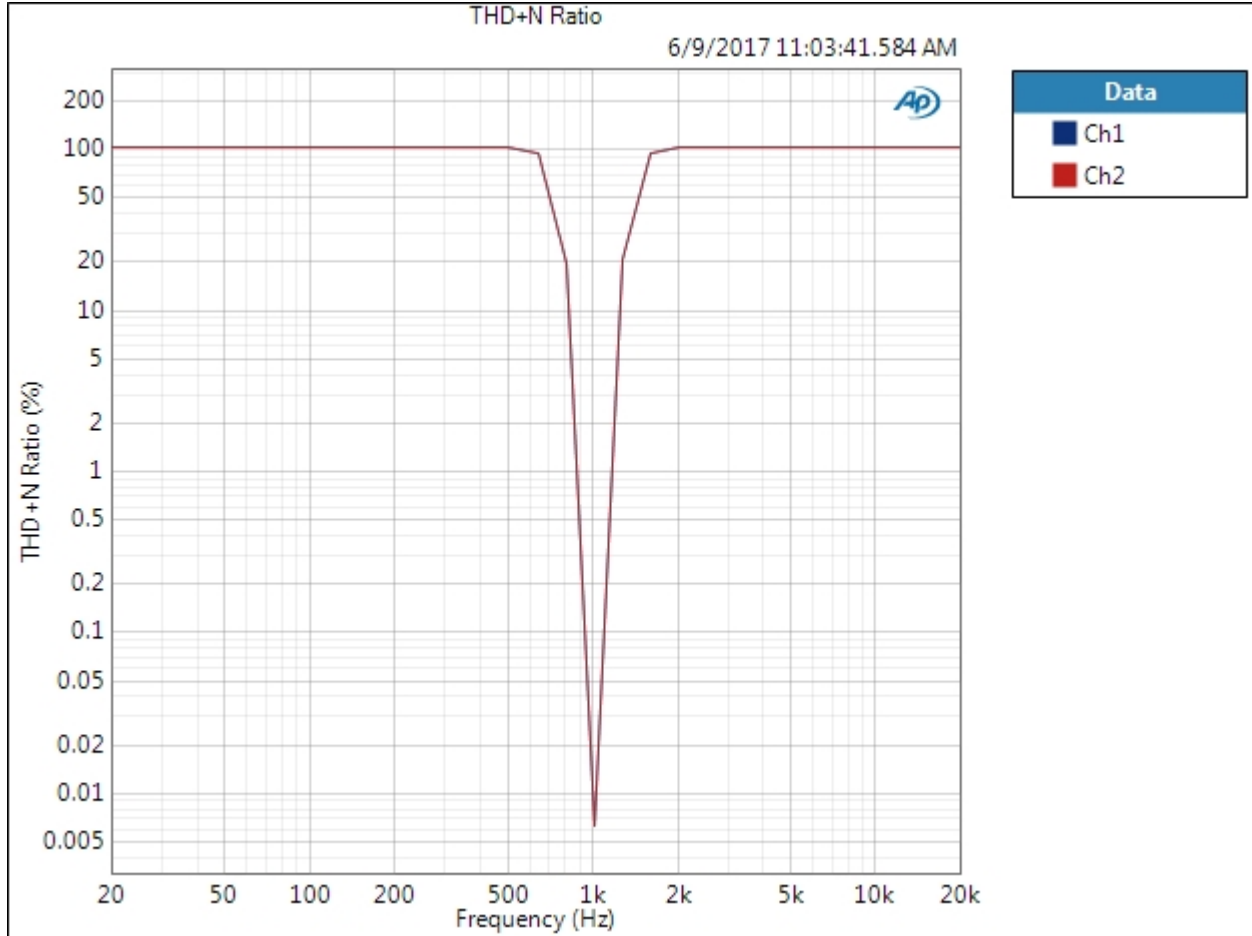


Sequence Report



Result: ✔ PASSED

THD+N Ratio (6/9/2017 11:03:41.584 AM)



Result: ✔ PASSED