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

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
dBSPL1:	-40.000 dBFS
dBSPL2:	-40.000 dBFS
dBSPL1 Calibrator Level:	94.000 dBSPL
dBSPL2 Calibrator Level:	94.000 dBSPL

• DCX

DCX is not detected.

Signal Path1 : Verify Connections

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

RMS Level (6/7/2017 6:09:11.350 PM)

Ch1 -0.000 dBFS
Ch2 -0.000 dBFS

Gain (6/7/2017 6:09:11.350 PM)

Ch1 20.000 dB
Ch2 20.000 dB

THD+N Ratio (6/7/2017 6:09:11.350 PM)

Ch1 -85.526 dB
Ch2 -85.526 dB

Frequency (6/7/2017 6:09:11.350 PM)

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 (6/7/2017 6:09:13.080 PM)

Ch1 -0.000 dBFS
Ch2 -0.000 dBFS

Gain (6/7/2017 6:09:13.080 PM)

Ch1 20.000 dB
Ch2 20.000 dB

Peak Level (6/7/2017 6:09:13.080 PM)

Ch1 1.000 D
Ch2 1.000 D

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 (6/7/2017 6:09:14.865 PM)

Ch1 -84.909 dB

Ch2 -84.909 dB

THD+N Level (6/7/2017 6:09:14.865 PM)

Ch1 -84.909 dBFS

Ch2 -84.909 dBFS

THD Ratio (6/7/2017 6:09:14.865 PM)

Ch1 -107.842 dB

Ch2 -107.842 dB

THD Level (6/7/2017 6:09:14.865 PM)

Ch1 -107.842 dBFS

Ch2 -107.842 dBFS

Noise Ratio (6/7/2017 6:09:14.865 PM)

Ch1 -84.971 dB

Ch2 -84.971 dB

Noise Level (6/7/2017 6:09:14.865 PM)

Ch1 -84.971 dBFS

Ch2 -84.971 dBFS

Distortion Product Ratio (6/7/2017 6:09:14.865 PM)

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	-117.56	-112.83	-117.26	-130.48	-115.40	-118.16	-123.26	-120.80	-139.78
	1.000k	2.000k	3.000k	4.000k	5.000k	6.000k	7.000k	8.000k	9.000k	10.00k
Ch2	-0.00	-117.56	-112.83	-117.26	-130.48	-115.40	-118.16	-123.26	-120.80	-139.78

Distortion Product Ratio Parameters

Frequency Unit:	Hz
Ratio Unit:	dB

Distortion Product Level (6/7/2017 6:09:14.865 PM)

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	-117.557	-112.835	-117.261	-130.483	-115.402	-118.164	-123.264	-120.796	-139.780
	1.000k	2.000k	3.000k	4.000k	5.000k	6.000k	7.000k	8.000k	9.000k	10.00k
Ch2	-0.000	-117.557	-112.835	-117.261	-130.483	-115.402	-118.164	-123.264	-120.796	-139.780

Distortion Product Level Parameters

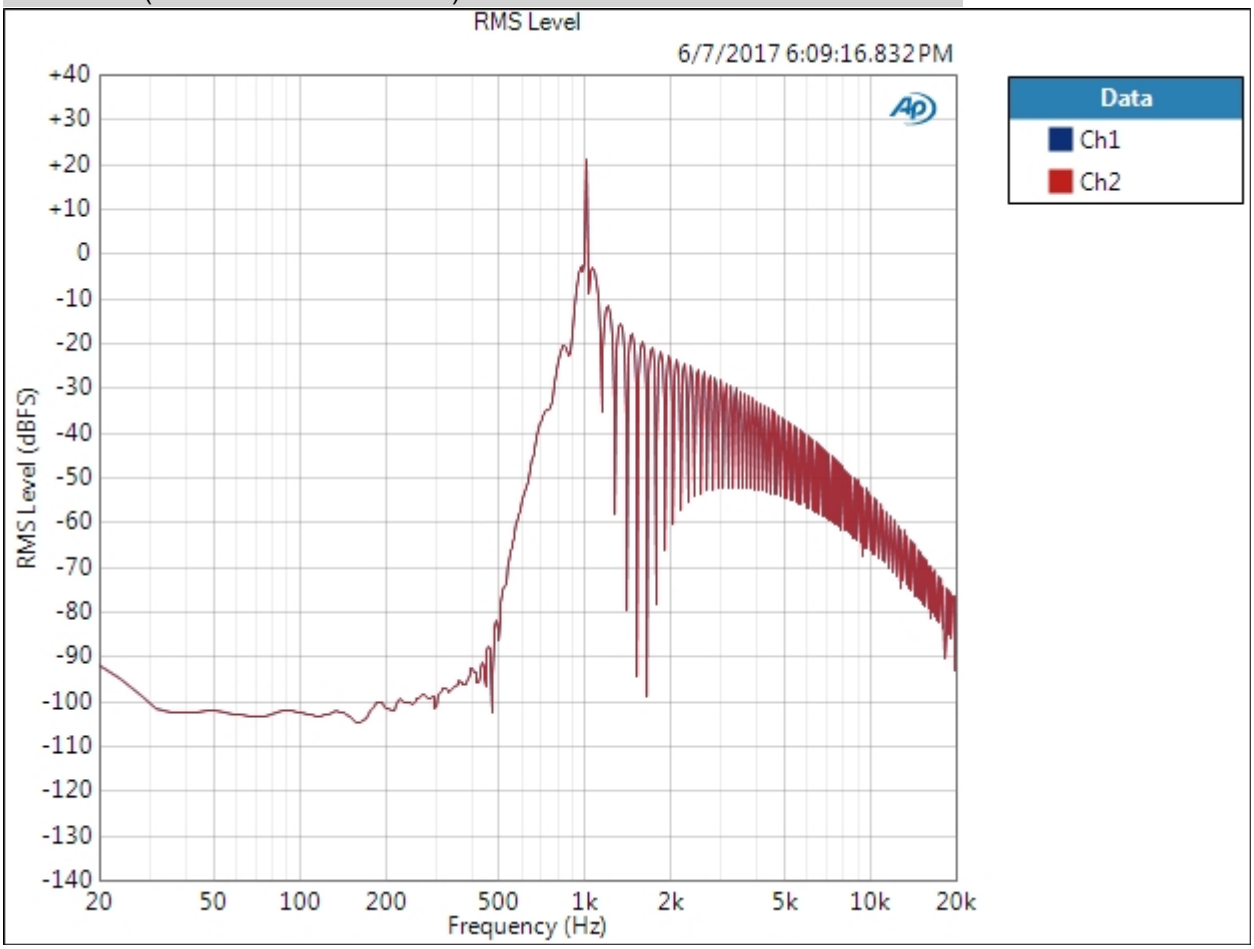
Frequency Unit: Hz

Level Unit: dBFS

Signal Path1 : Frequency Response

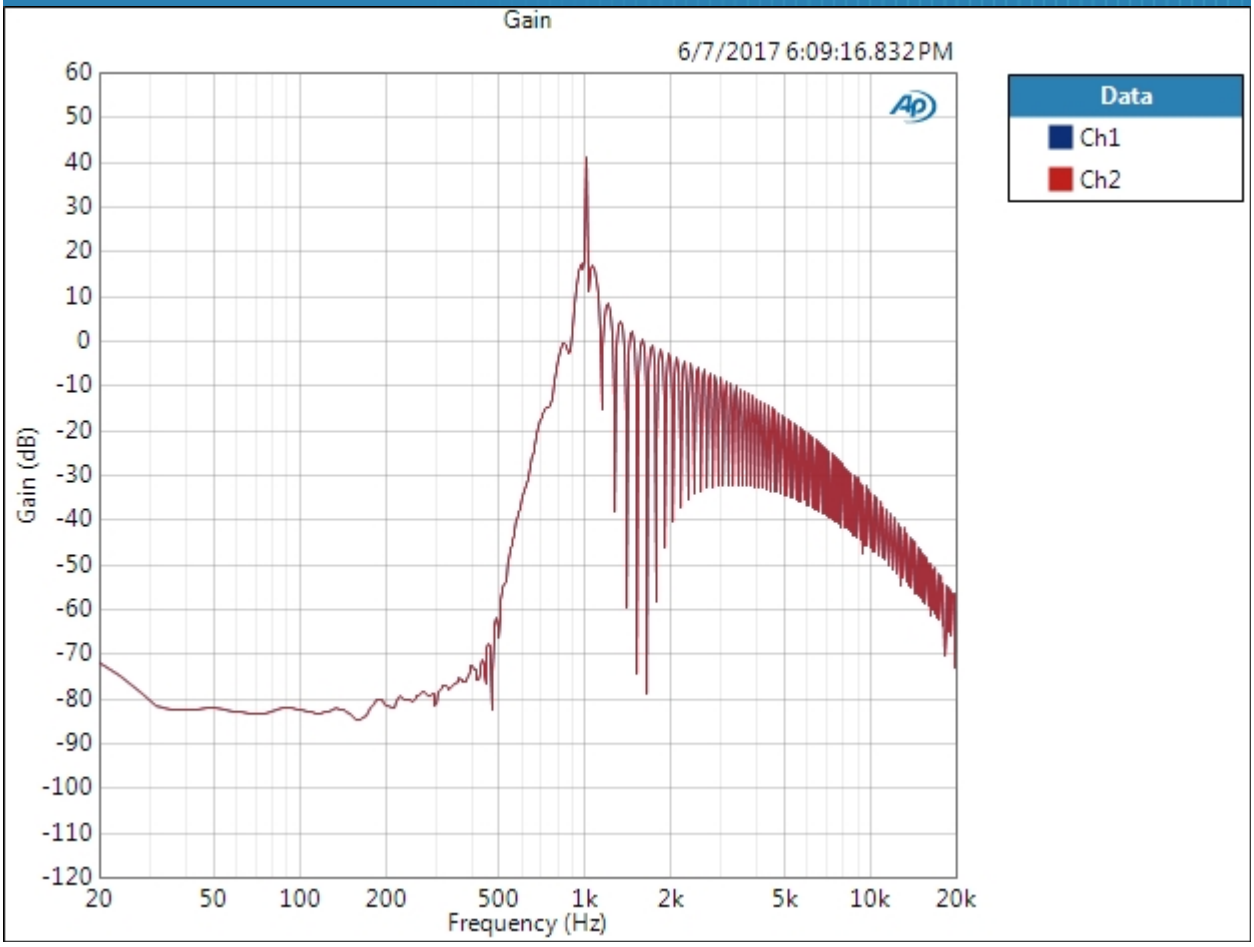
Generator Level:	-20.000 dBFS
DC Offset:	0.000 D
EQ:	None
Start Frequency:	20.0000 Hz
Stop Frequency:	20.0000 kHz
Sweep:	350.0 ms
Pre-Sweep:	100.0 ms
Extend Acquisition By:	50.00 ms
Secondary Source:	None
Measured 1	6/7/2017 6:09:16 PM

RMS Level (6/7/2017 6:09:16.832 PM)



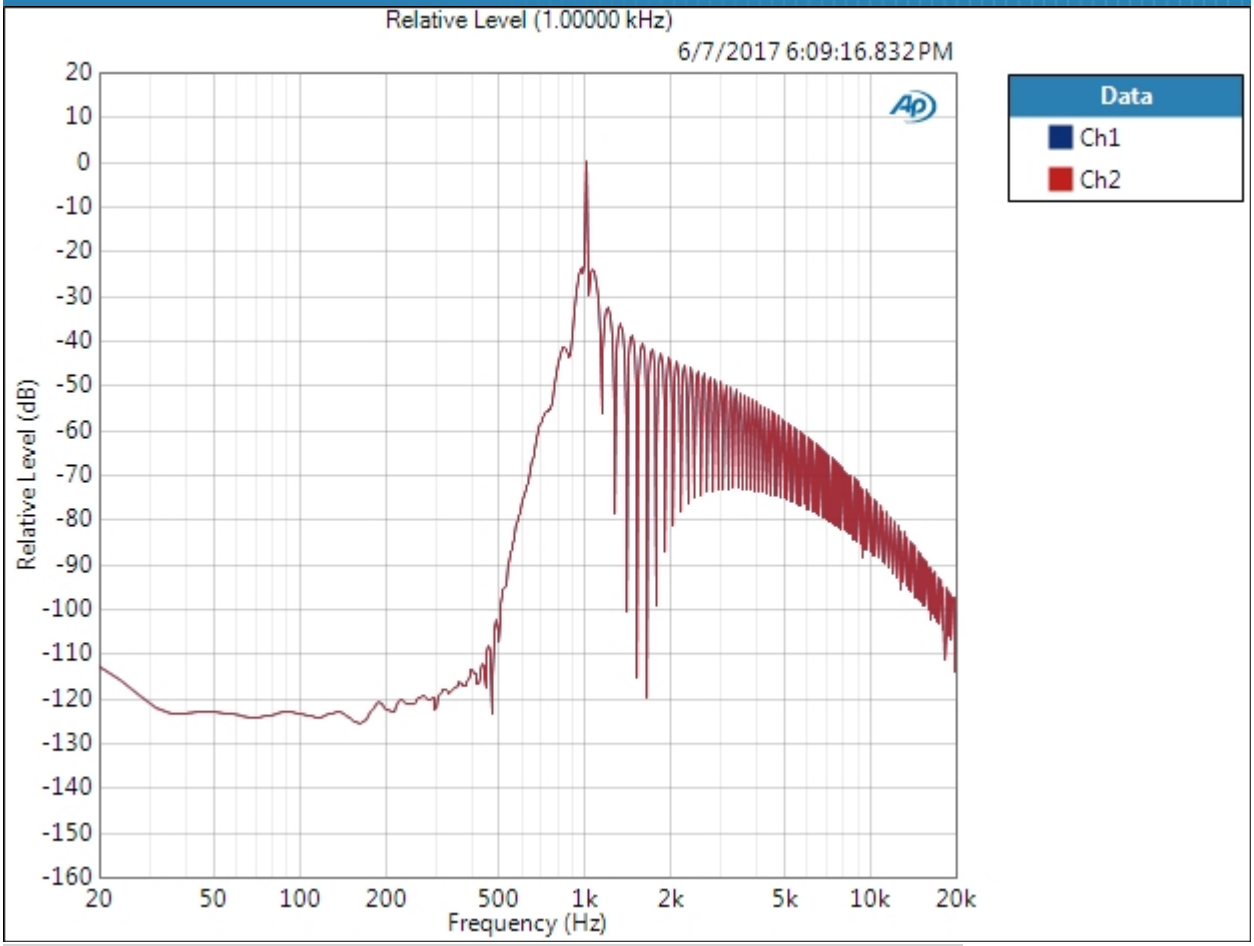
Result: PASSED

Gain (6/7/2017 6:09:16.832 PM)



Result: PASSED

Relative Level (1.00000 kHz) (6/7/2017 6:09:16.832 PM)



Relative Level (1.00000 kHz) Parameters

Mode: Normalized at Reference

Ref Frequency: 1.00000 kHz

Result: PASSED

Deviation (20.0000 Hz - 20.0000 kHz) (6/7/2017 6:09:16.832 PM)

Ch1 ±62.782 dB

Ch2 ±62.782 dB

Deviation (20.0000 Hz - 20.0000 kHz) Parameters

Min: 20.0000 Hz

Max: 20.0000 kHz

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 (6/7/2017 6:09:19.161 PM)

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 (6/7/2017 6:09:20.775 PM)

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 (6/7/2017 6:09:22.478 PM)

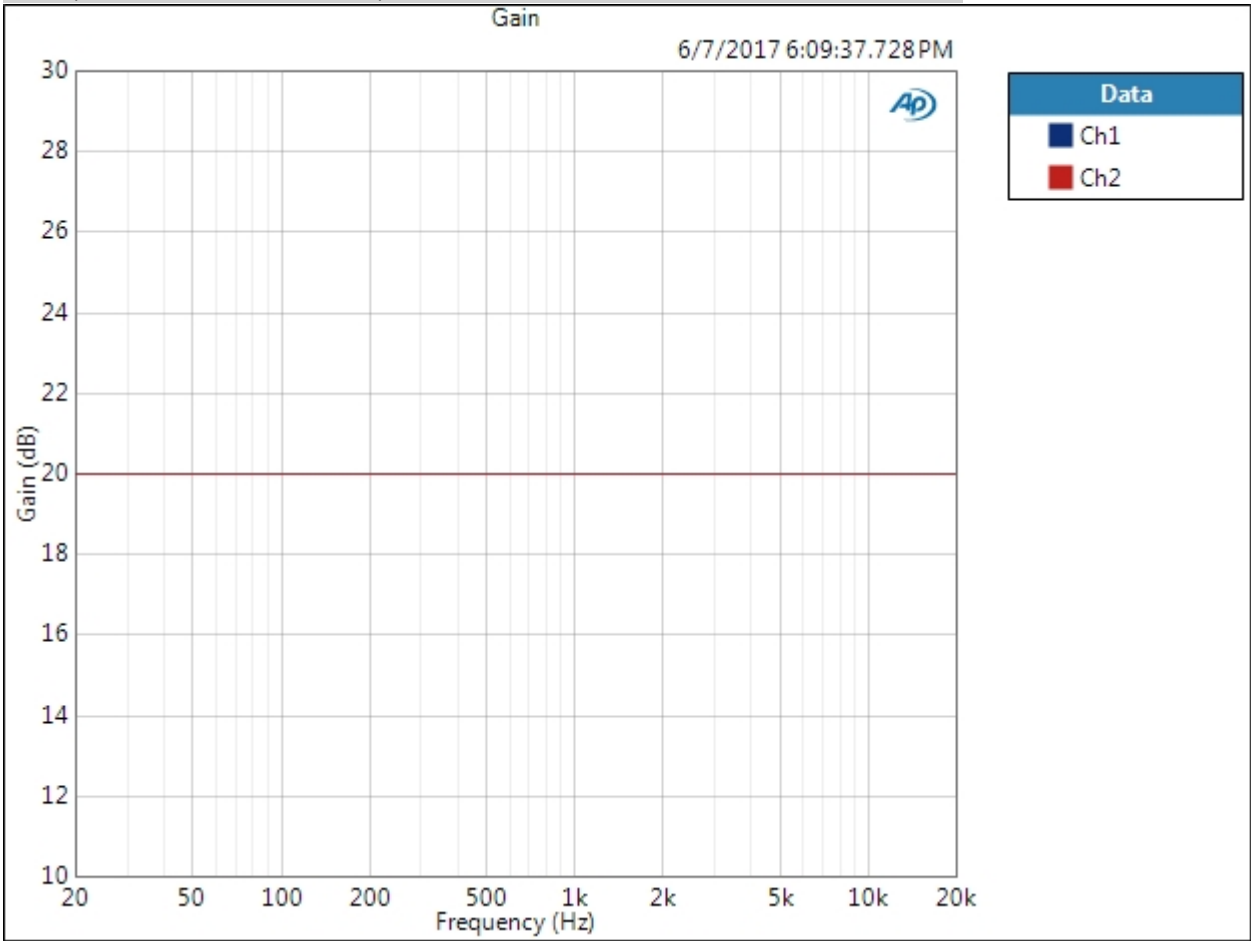
Ch1 ---- deg
Ch2 0.000 deg

Sequence Report

Signal Path1 : Stepped Frequency Sweep

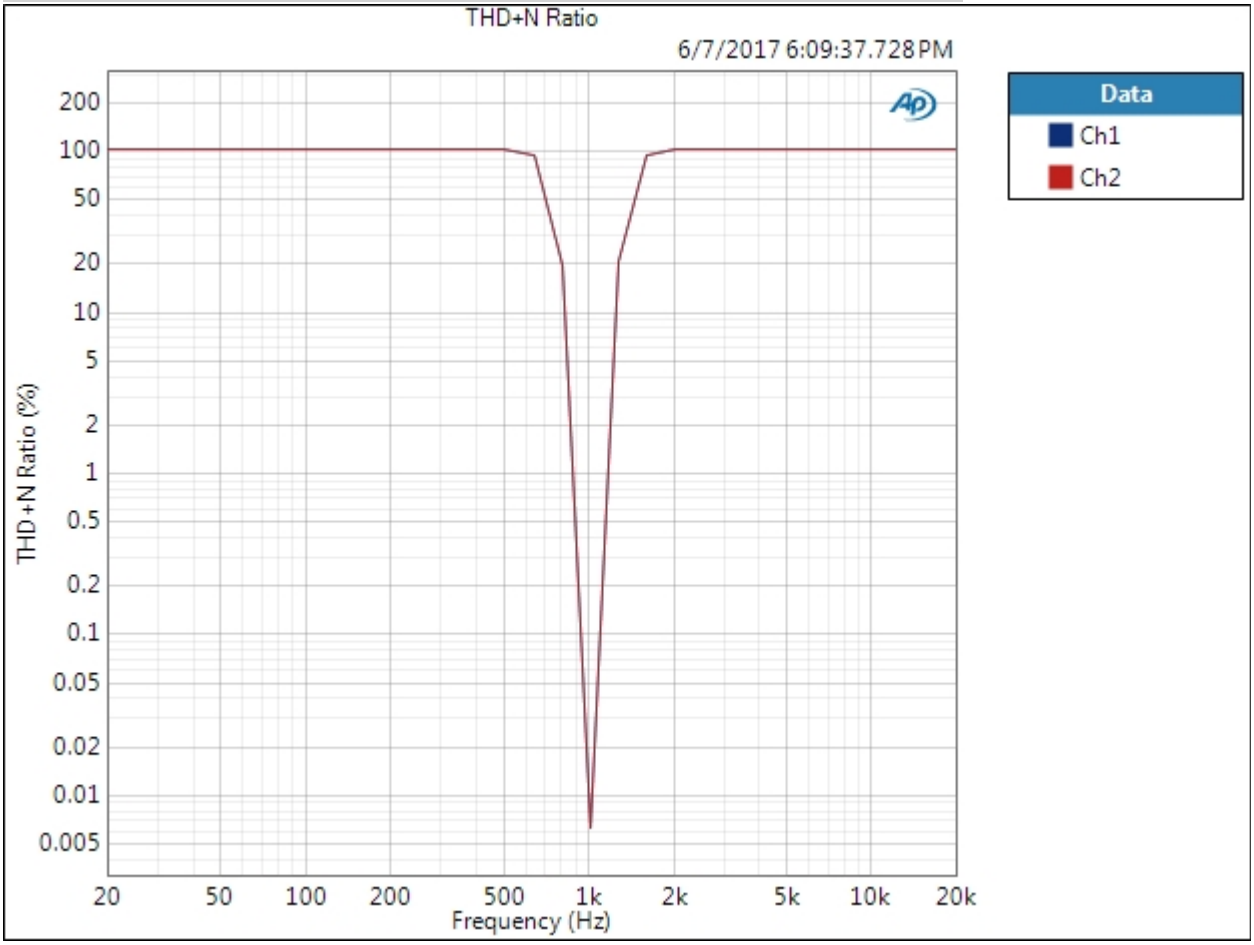
Generator Level:	-20.000 dBFS
DC Offset:	0.000 D
EQ:	None
Start Frequency:	20.0000 kHz
Stop Frequency:	20.0000 Hz
Step Type:	Logarithmic
Number of Points:	31
Low-pass Filter:	20 kHz
Weighting Filter:	A-wt.
High-pass Filter:	20 Hz
Phase Ref Channel:	Ch1
Measured 1	6/7/2017 6:09:37 PM

Gain (6/7/2017 6:09:37.728 PM)



Result: PASSED

THD+N Ratio (6/7/2017 6:09:37.728 PM)



Result: PASSED