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:	Analog Unbalanced
Channels:	2
Source Impedance:	50 ohm
Output EQ:	None
Input Connector:	Analog Unbalanced
Channels:	2
Termination:	100 kohm
Input Bandwidth:	AC (<10 Hz) - AES17 (20 kHz)
Device Delay:	0.000 s
Input EQ:	None

• References

dBr G:	897.0 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
dBSPL1:	10.00 mVrms
dBSPL2:	10.00 mVrms
dBSPL1 Calibrator Level:	94.000 dBSPL
dBSPL2 Calibrator Level:	94.000 dBSPL
dBm (Input Power):	600.0 ohm
W(watts) (Input Power):	8.000 ohm

• DCX

DCX is not detected.

Signal Path1 : Verify Connections

Waveform:	Sine
Generator Level:	897.0 mVrms
DC Offset:	0.000 V
Frequency:	1.00000 kHz

RMS Level (3/15/2017 2:15:56.508 PM)

Ch1 8.947 Vrms
Ch2 8.935 Vrms

Gain (3/15/2017 2:15:56.508 PM)

Ch1 19.978 dB
Ch2 19.966 dB

THD+N Ratio (3/15/2017 2:15:56.508 PM)

Ch1 0.005374 %
Ch2 0.006036 %

Frequency (3/15/2017 2:15:56.508 PM)

Ch1 1.00000 kHz
Ch2 1.00000 kHz

Signal Path1 : Level and Gain

Waveform:	Sine
Generator Level:	897.0 mVrms
DC Offset:	0.000 V
Frequency:	1.00000 kHz

RMS Level (3/15/2017 2:15:58.349 PM)

Ch1 8.947 Vrms
Ch2 8.935 Vrms

Gain (3/15/2017 2:15:58.349 PM)

Ch1 19.978 dB
Ch2 19.966 dB

Peak Level (3/15/2017 2:15:58.349 PM)

Ch1 12.64 V
Ch2 12.63 V

Signal Path1 : THD+N

Waveform:	Sine
Generator Level:	897.0 mVrms
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 (3/15/2017 2:16:00.595 PM)

Ch1 0.005370 %

Ch2 0.006049 %

THD+N Level (3/15/2017 2:16:00.595 PM)

Ch1 480.5 uVrms

Ch2 540.5 uVrms

THD Ratio (3/15/2017 2:16:00.595 PM)

Ch1 0.005224 %

Ch2 0.005898 %

THD Level (3/15/2017 2:16:00.595 PM)

Ch1 467.6 uVrms

Ch2 527.3 uVrms

Noise Ratio (3/15/2017 2:16:00.595 PM)

Ch1 0.001173 %

Ch2 0.001181 %

Noise Level (3/15/2017 2:16:00.595 PM)

Ch1 105.0 uVrms

Ch2 105.6 uVrms

Distortion Product Ratio (3/15/2017 2:16:00.595 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	100.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	1.000k	2.000k	3.000k	4.000k	5.000k	6.000k	7.000k	8.000k	9.000k	10.00k
Ch2	100.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Distortion Product Ratio Parameters

Frequency Unit:	Hz
Ratio Unit:	%

Distortion Product Level (3/15/2017 2:16:00.595 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	8.952	230.2 u	207.5 u	39.37 u	184.7 u	15.24 u	76.43 u	7.249 u	135.6 u	21.39 u
	1.000k	2.000k	3.000k	4.000k	5.000k	6.000k	7.000k	8.000k	9.000k	10.00k
Ch2	8.940	66.84 u	337.3 u	35.09 u	234.3 u	78.10 u	50.73 u	12.06 u	127.8 u	9.395 u

Distortion Product Level Parameters

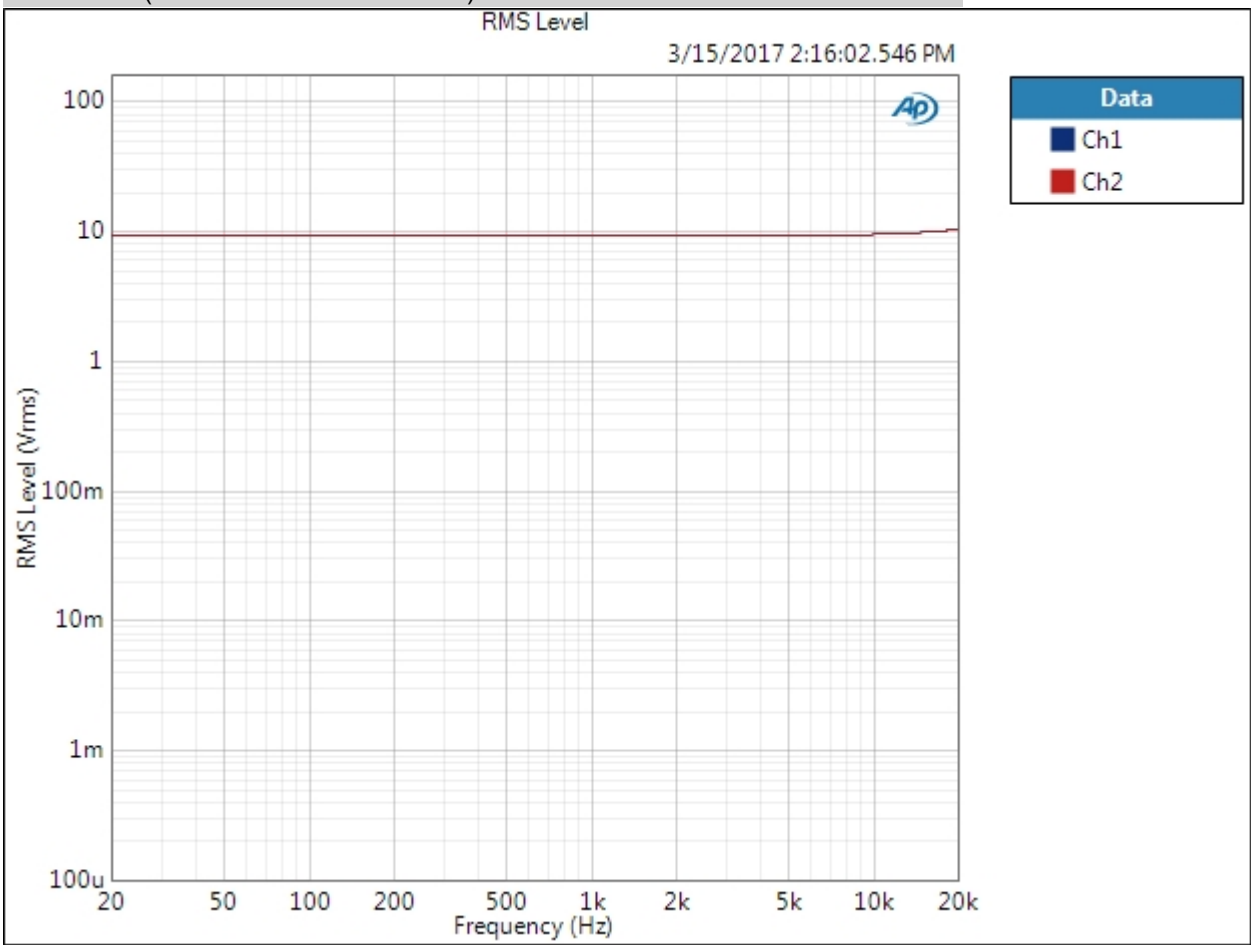
Frequency Unit: Hz

Level Unit: Vrms

Signal Path1 : Frequency Response

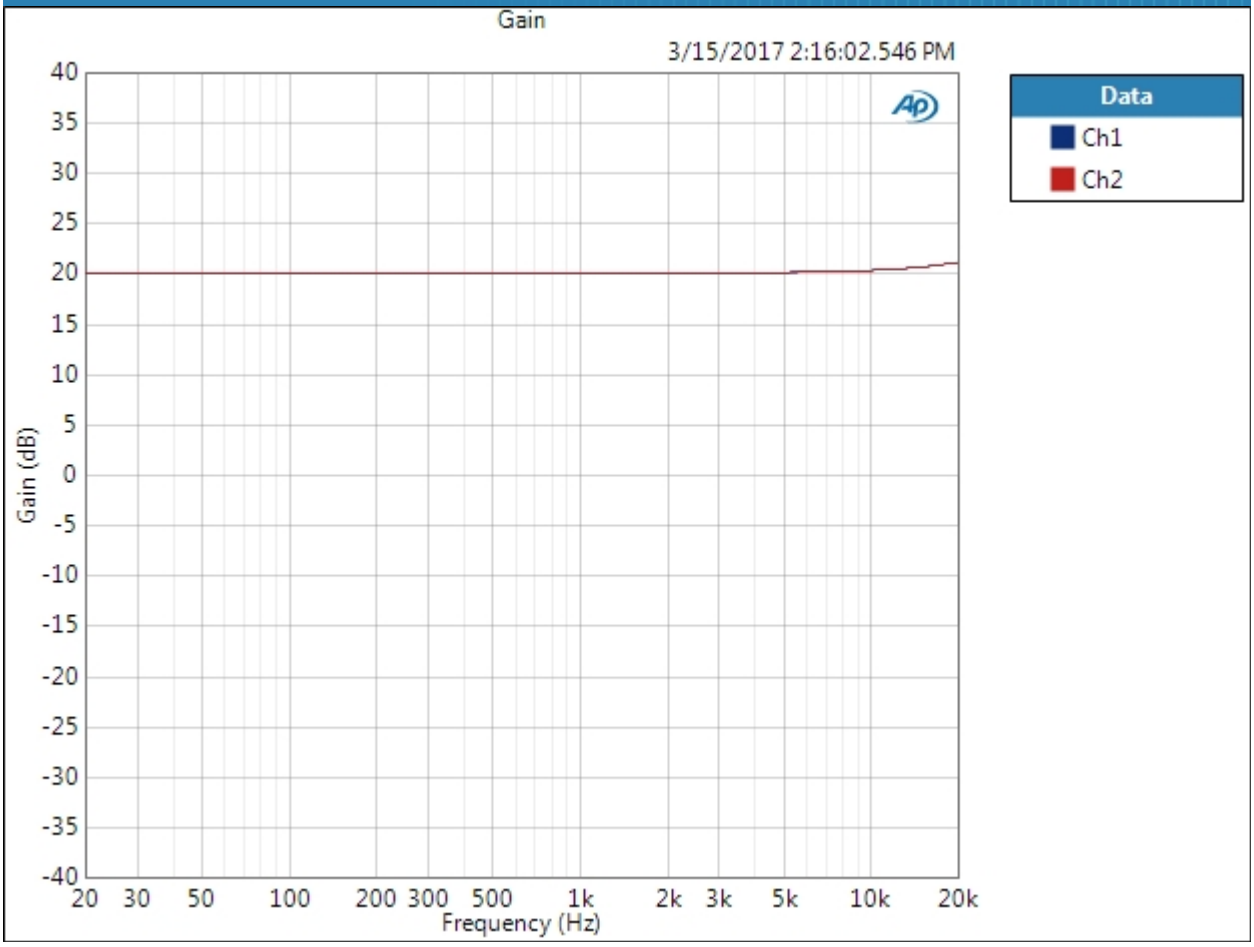
Generator Level:	897.0 mVrms
DC Offset:	0.000 V
EQ:	None
Start Frequency:	20.0000 Hz
Stop Frequency:	20.0000 kHz
Sweep:	350.0 ms
Pre-Sweep:	100.0 ms
Extend Acquisition By:	50.00 ms
Secondary Source:	None
Measured 1	3/15/2017 2:16:02 PM

RMS Level (3/15/2017 2:16:02.546 PM)



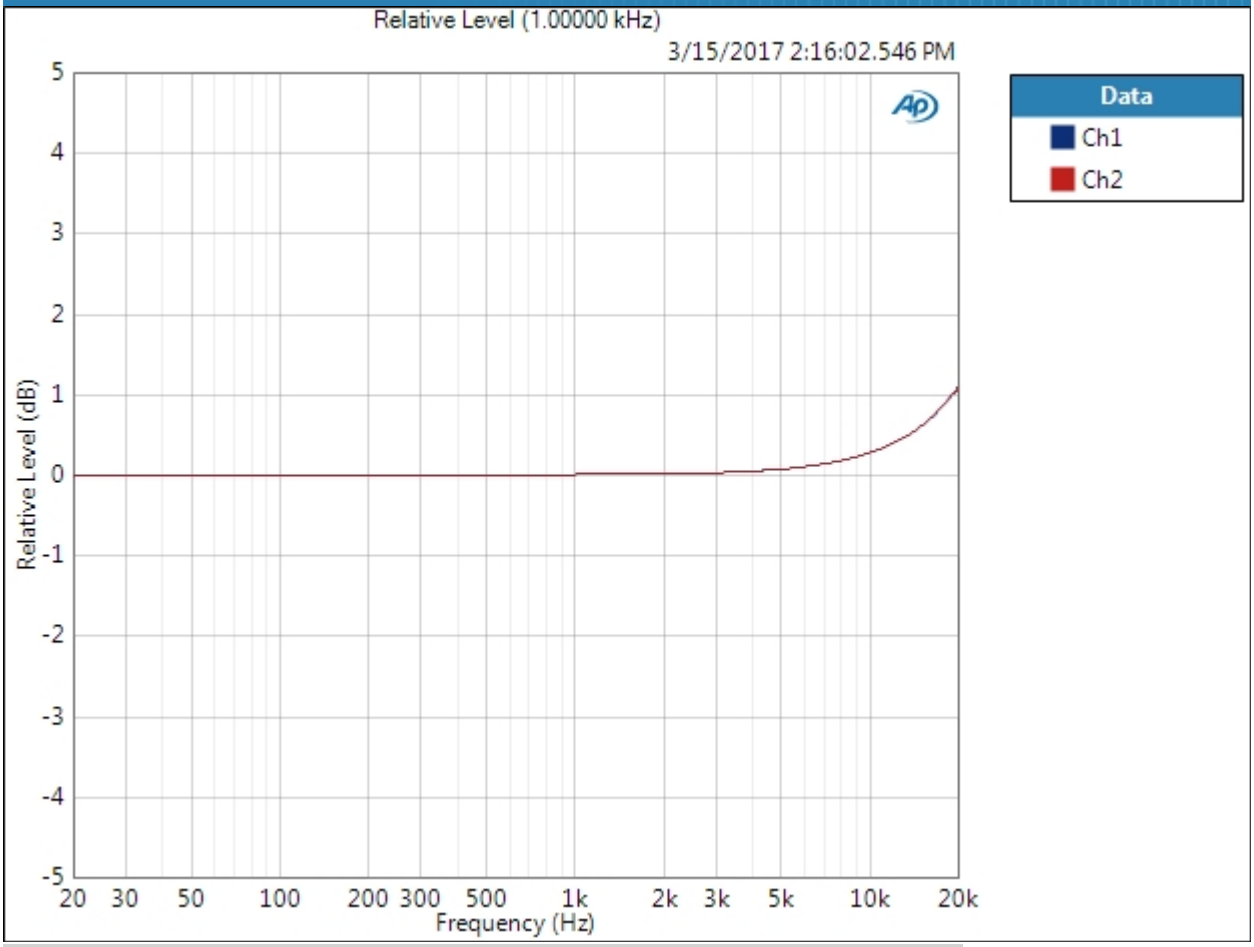
Result: PASSED

Gain (3/15/2017 2:16:02.546 PM)



Result: PASSED

Relative Level (1.00000 kHz) (3/15/2017 2:16:02.546 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) (3/15/2017 2:16:02.546 PM)

Ch1 ±0.572 dB

Ch2 ±0.575 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:	897.0 mVrms
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 (3/15/2017 2:16:04.466 PM)

Ch1 99.192 dB
Ch2 99.066 dB

Signal Path1 : Crosstalk, One Channel Undriven

Waveform:	Sine
Generator Level:	897.0 mVrms
DC Offset:	0.000 V
Frequency:	1.00000 kHz

Crosstalk (3/15/2017 2:16:05.636 PM)

Ch1 -84.924 dB
Ch2 -86.151 dB

Signal Path1 : Interchannel Phase

Waveform:	Sine
Generator Level:	897.0 mVrms
DC Offset:	0.000 V
Frequency:	1.00000 kHz
Reference Channel:	Ch1
Meter Range:	-90 -> 270 deg

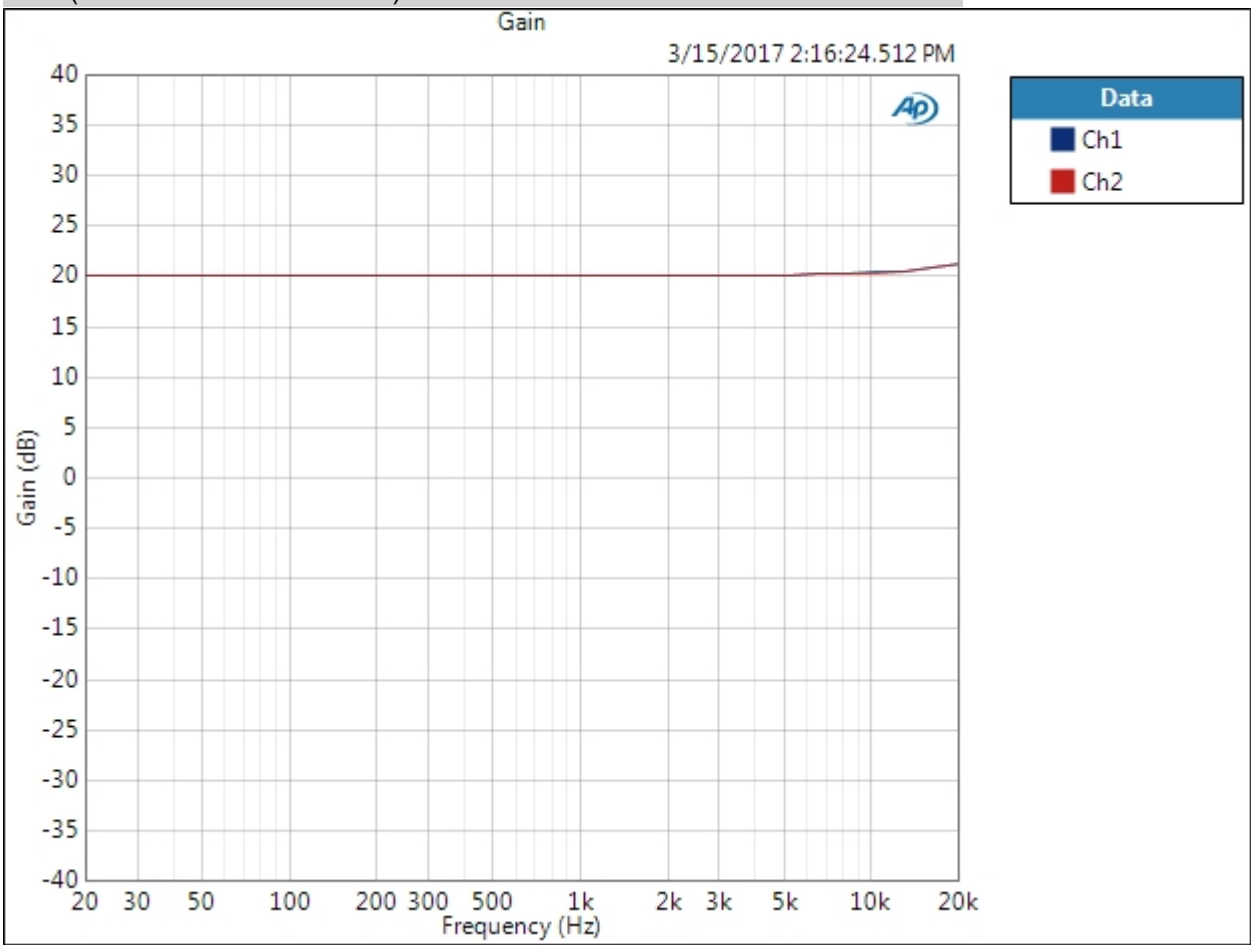
Phase (3/15/2017 2:16:07.337 PM)

Ch1 ---- deg
Ch2 -0.008 deg

Signal Path1 : Stepped Frequency Sweep

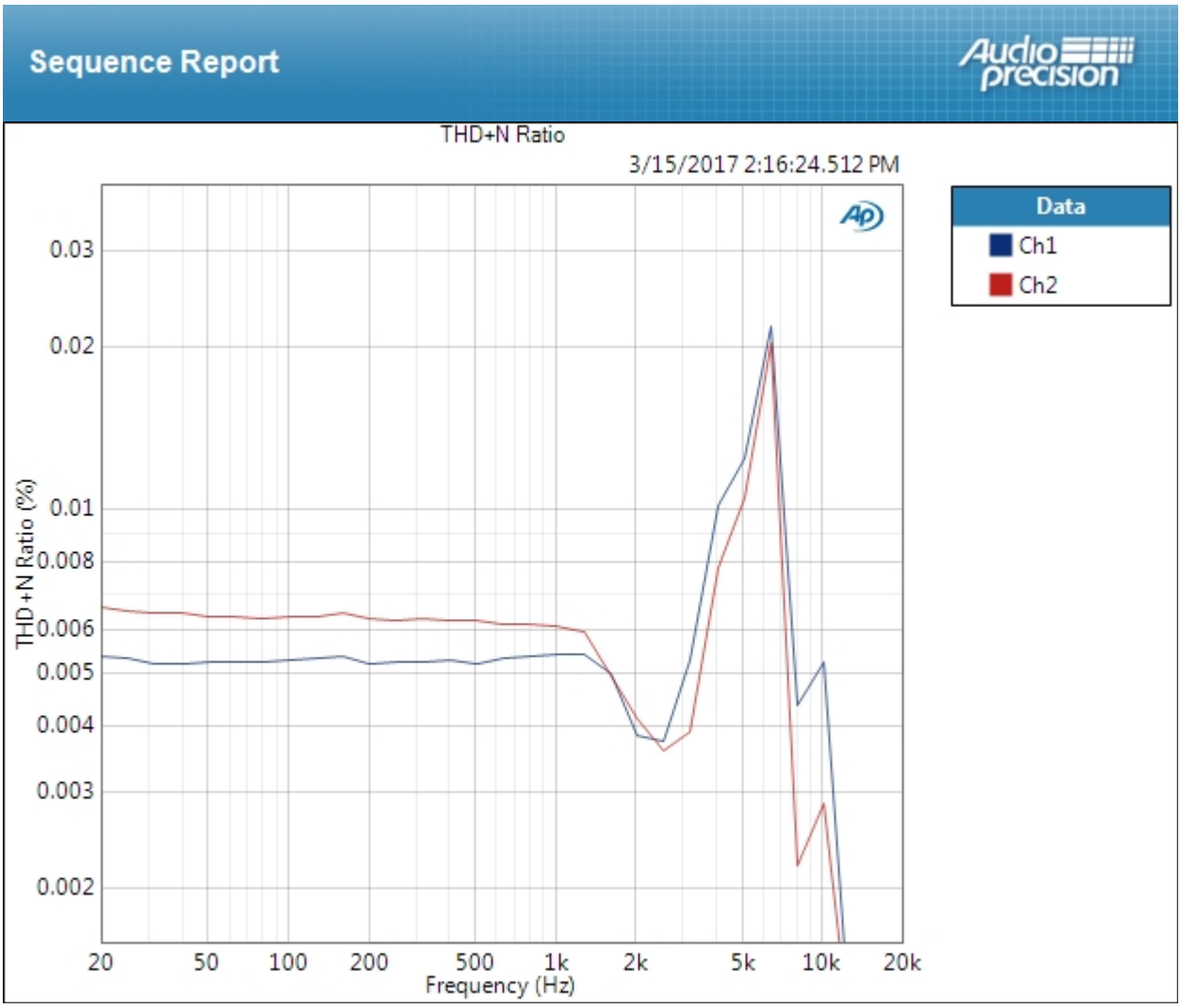
Generator Level:	897.0 mVrms
DC Offset:	0.000 V
EQ:	None
Start Frequency:	20.0000 kHz
Stop Frequency:	20.0000 Hz
Step Type:	Logarithmic
Number of Points:	31
Weighting Filter:	Signal Path
Phase Ref Channel:	Ch1
Measured 1	3/15/2017 2:16:24 PM

Gain (3/15/2017 2:16:24.512 PM)



Result: PASSED

THD+N Ratio (3/15/2017 2:16:24.512 PM)



Result: PASSED