

## 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:	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:	1.098 Vrms
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.

## Sequence Report



### Signal Path1 : Verify Connections

Waveform: Sine

Generator Level: 1.098 Vrms

DC Offset: 0.000 V

Frequency: 1.00000 kHz

### RMS Level (3/21/2017 4:23:08.103 PM)

Ch1 10.94 Vrms

Ch2 10.94 Vrms

### Gain (3/21/2017 4:23:08.103 PM)

Ch1 19.971 dB

Ch2 19.969 dB

### THD+N Ratio (3/21/2017 4:23:08.103 PM)

Ch1 0.028989 %

Ch2 0.025404 %

### Frequency (3/21/2017 4:23:08.103 PM)

Ch1 1.00000 kHz

Ch2 1.00000 kHz

### Signal Path1 : Level and Gain

Waveform: Sine

Generator Level: 1.098 Vrms

DC Offset: 0.000 V

Frequency: 1.00000 kHz

### RMS Level (3/21/2017 4:23:09.881 PM)

Ch1 10.94 Vrms

Ch2 10.94 Vrms

### Gain (3/21/2017 4:23:09.881 PM)

Ch1 19.971 dB

Ch2 19.969 dB

### Peak Level (3/21/2017 4:23:09.881 PM)

Ch1 15.48 V

Ch2 15.47 V

## Sequence Report



Signal Path1 : THD+N

Waveform: Sine  
 Generator Level: 1.098 Vrms  
 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 (3/21/2017 4:23:12.159 PM)

Ch1 0.007598 %

Ch2 0.007629 %

THD+N Level (3/21/2017 4:23:12.159 PM)

Ch1 831.5 uVrms

Ch2 834.7 uVrms

THD Ratio (3/21/2017 4:23:12.159 PM)

Ch1 0.007528 %

Ch2 0.007544 %

THD Level (3/21/2017 4:23:12.159 PM)

Ch1 824.2 uVrms

Ch2 825.8 uVrms

Noise Ratio (3/21/2017 4:23:12.159 PM)

Ch1 0.001020 %

Ch2 0.001010 %

Noise Level (3/21/2017 4:23:12.159 PM)

Ch1 111.7 uVrms

Ch2 110.6 uVrms

Distortion Product Ratio (3/21/2017 4:23:12.159 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	0.01	0.00	0.00	0.00	0.00	0.00

Distortion Product Ratio Parameters

Frequency Unit: Hz

Ratio Unit: %

Distortion Product Level (3/21/2017 4:23:12.159 PM)

## Sequence Report



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	10.95	39.38 u	545.5 u	70.94 u	511.5 u	54.93 u	8.537 u	82.96 u	65.85 u	27.27 u
	1.000k	2.000k	3.000k	4.000k	5.000k	6.000k	7.000k	8.000k	9.000k	10.00k
Ch2	10.95	172.8 u	428.5 u	73.34 u	604.6 u	47.00 u	22.19 u	37.21 u	64.43 u	7.535 u

### Distortion Product Level Parameters

Frequency Unit: Hz

Level Unit: Vrms

## Sequence Report



Signal Path1 : Frequency Response

Generator Level: 1.098 Vrms

DC Offset: 0.000 V

EQ: None

Start Frequency: 20.0000 Hz

Stop Frequency: 20.0000 kHz

Sweep: 350.0 ms

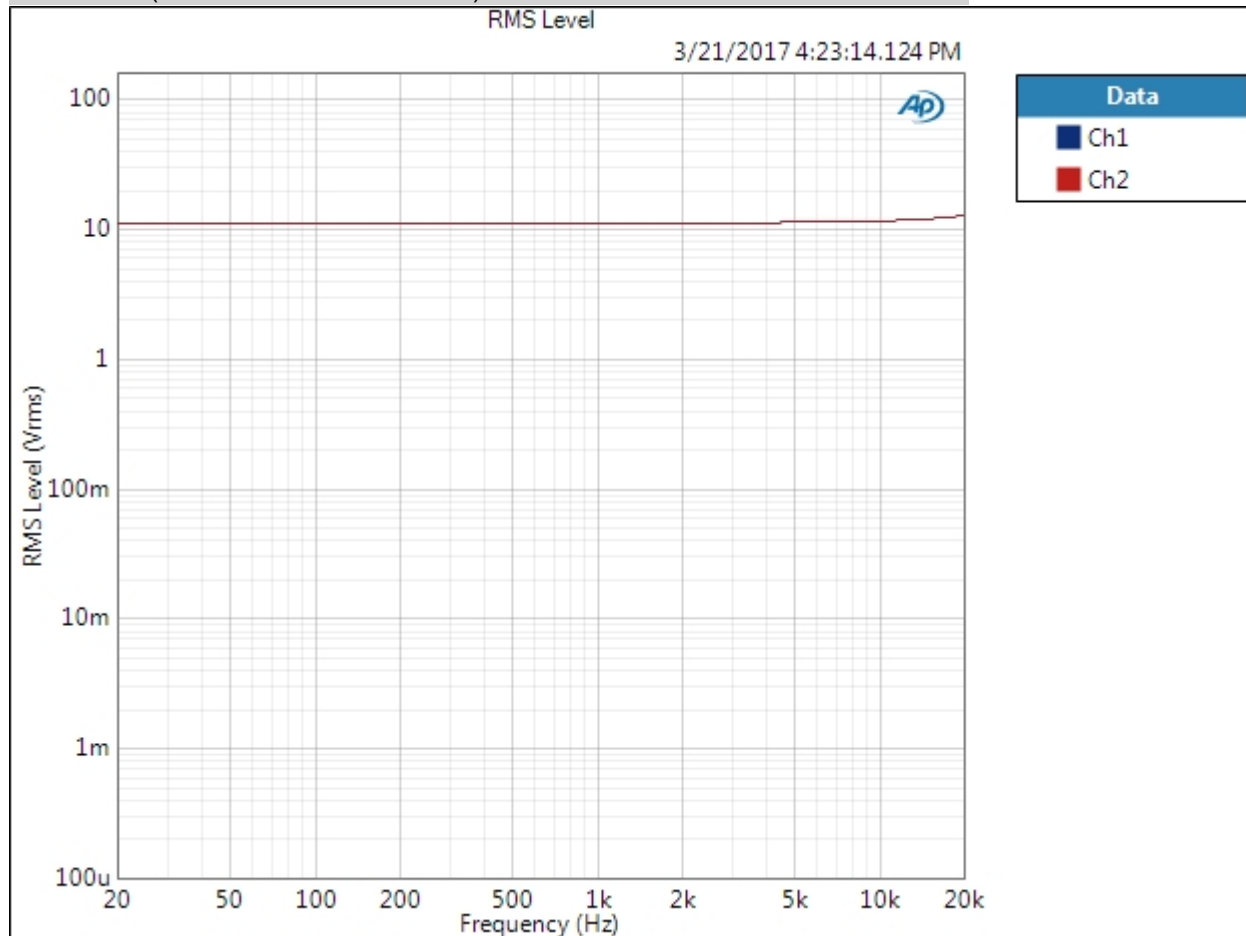
Pre-Sweep: 100.0 ms

Extend Acquisition By: 50.00 ms

Secondary Source: None

Measured 1 3/21/2017 4:23:14 PM

RMS Level (3/21/2017 4:23:14.124 PM)



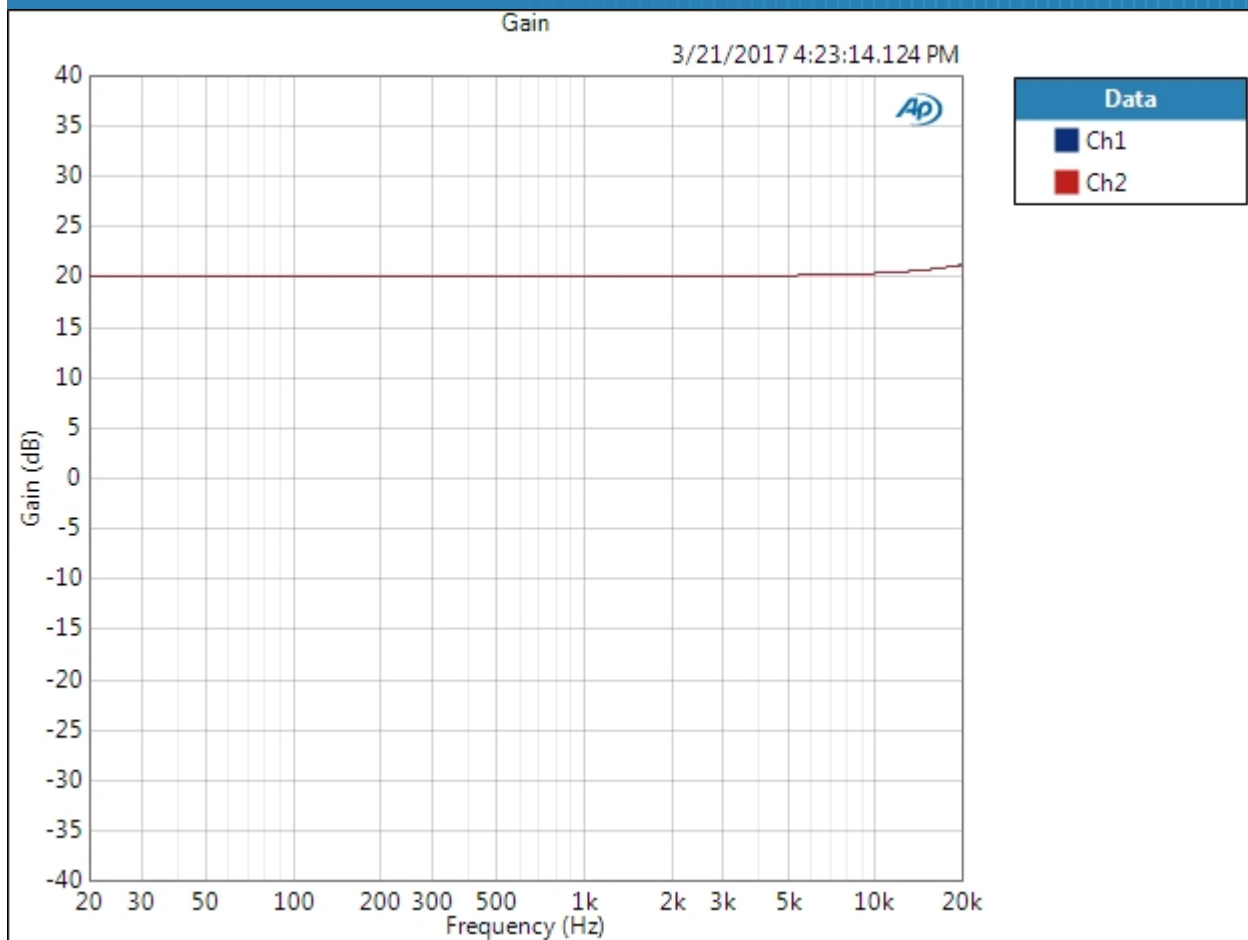
Result: PASSED

Gain (3/21/2017 4:23:14.124 PM)

3/21/2017 4:23 PM

Page 6 of 11

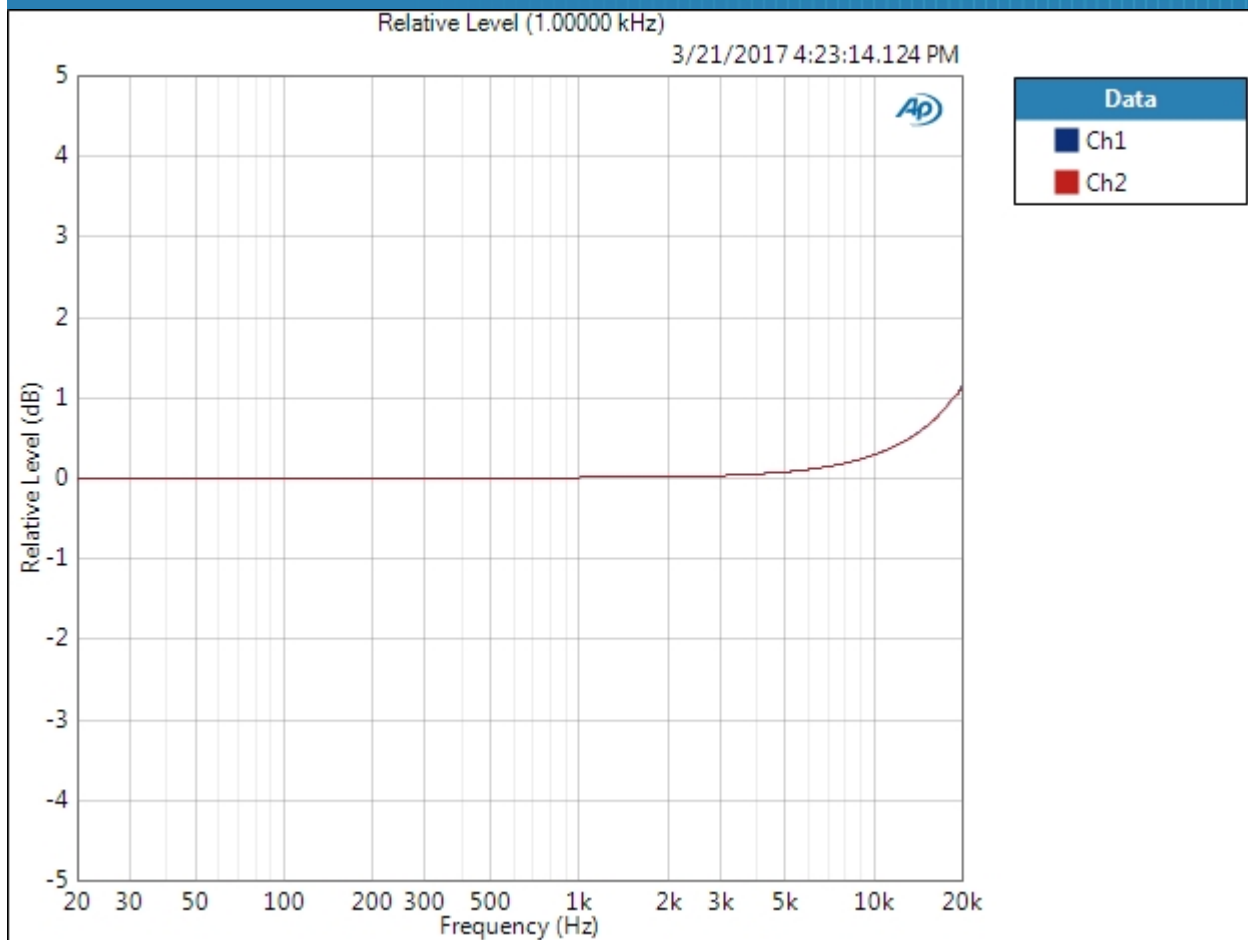
## Sequence Report



Result: PASSED

Relative Level (1.00000 kHz) (3/21/2017 4:23:14.124 PM)

## Sequence Report



### Relative Level (1.00000 kHz) Parameters

Mode: Normalized at Reference

Ref Frequency: 1.00000 kHz

Result: PASSED

Deviation (20.0000 Hz - 20.0000 kHz) (3/21/2017 4:23:14.124 PM)

Ch1  $\pm 0.597$  dB

Ch2  $\pm 0.591$  dB

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

Min: 20.0000 Hz

Max: 20.0000 kHz



## Sequence Report



### Signal Path1 : Signal to Noise Ratio

Waveform: Sine  
Generator Level: 1.098 Vrms  
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 (3/21/2017 4:23:15.981 PM)

Ch1 100.201 dB  
Ch2 100.225 dB

### Signal Path1 : Crosstalk, One Channel Undriven

Waveform: Sine  
Generator Level: 1.098 Vrms  
DC Offset: 0.000 V  
Frequency: 1.00000 kHz

### Crosstalk (3/21/2017 4:23:17.354 PM)

Ch1 -85.212 dB  
Ch2 -83.672 dB

### Signal Path1 : Interchannel Phase

Waveform: Sine  
Generator Level: 1.098 Vrms  
DC Offset: 0.000 V  
Frequency: 1.00000 kHz  
Reference Channel: Ch1  
Meter Range: -90 -> 270 deg

### Phase (3/21/2017 4:23:19.038 PM)

Ch1 ---- deg  
Ch2 -0.009 deg

## Sequence Report



Signal Path1 : Stepped Frequency Sweep

Generator Level: 1.098 Vrms

DC Offset: 0.000 V

EQ: None

Start Frequency: 20.0000 kHz

Stop Frequency: 20.0000 Hz

Step Type: Logarithmic

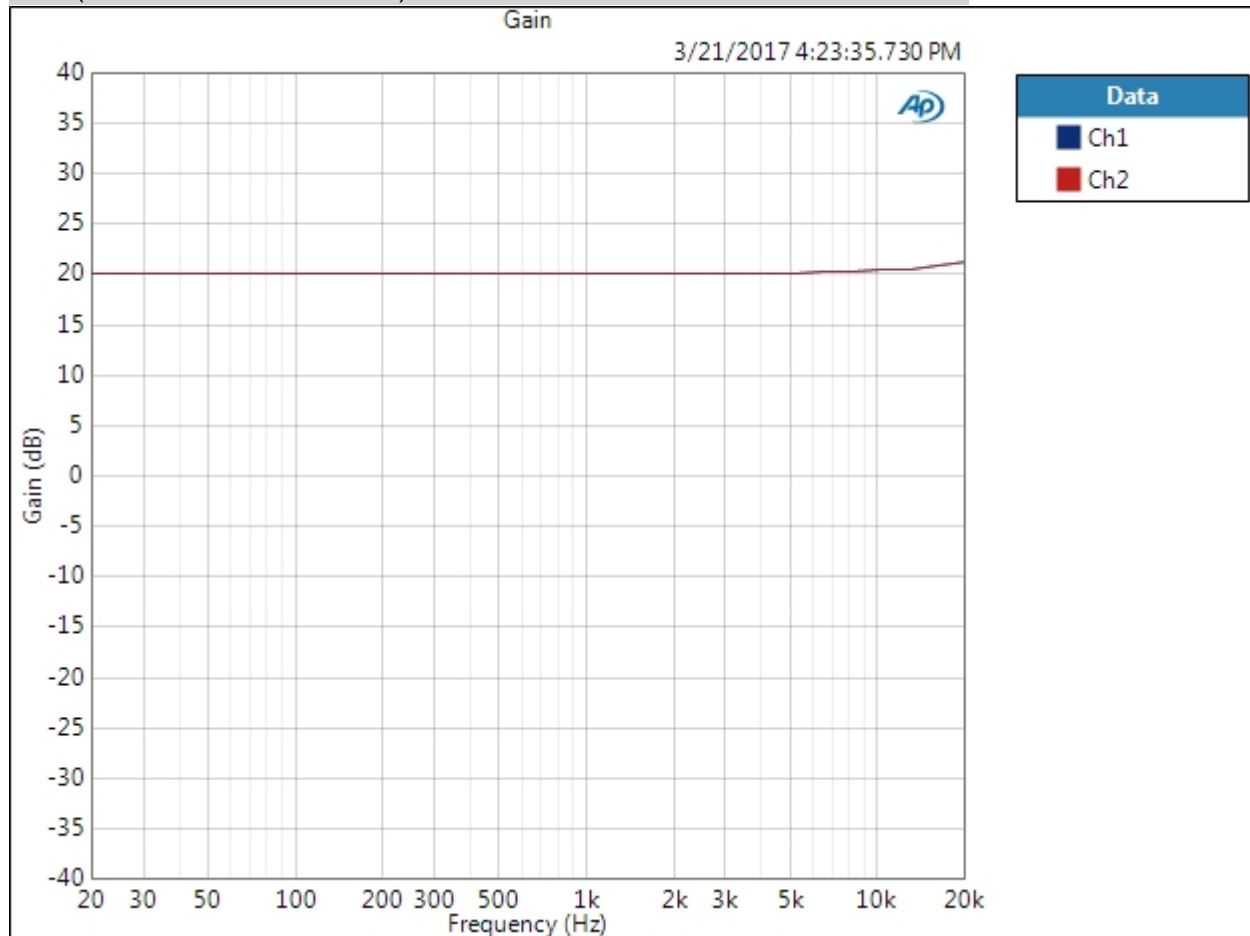
Number of Points: 31

Weighting Filter: Signal Path

Phase Ref Channel: Ch1

Measured 1 3/21/2017 4:23:35 PM

Gain (3/21/2017 4:23:35.730 PM)

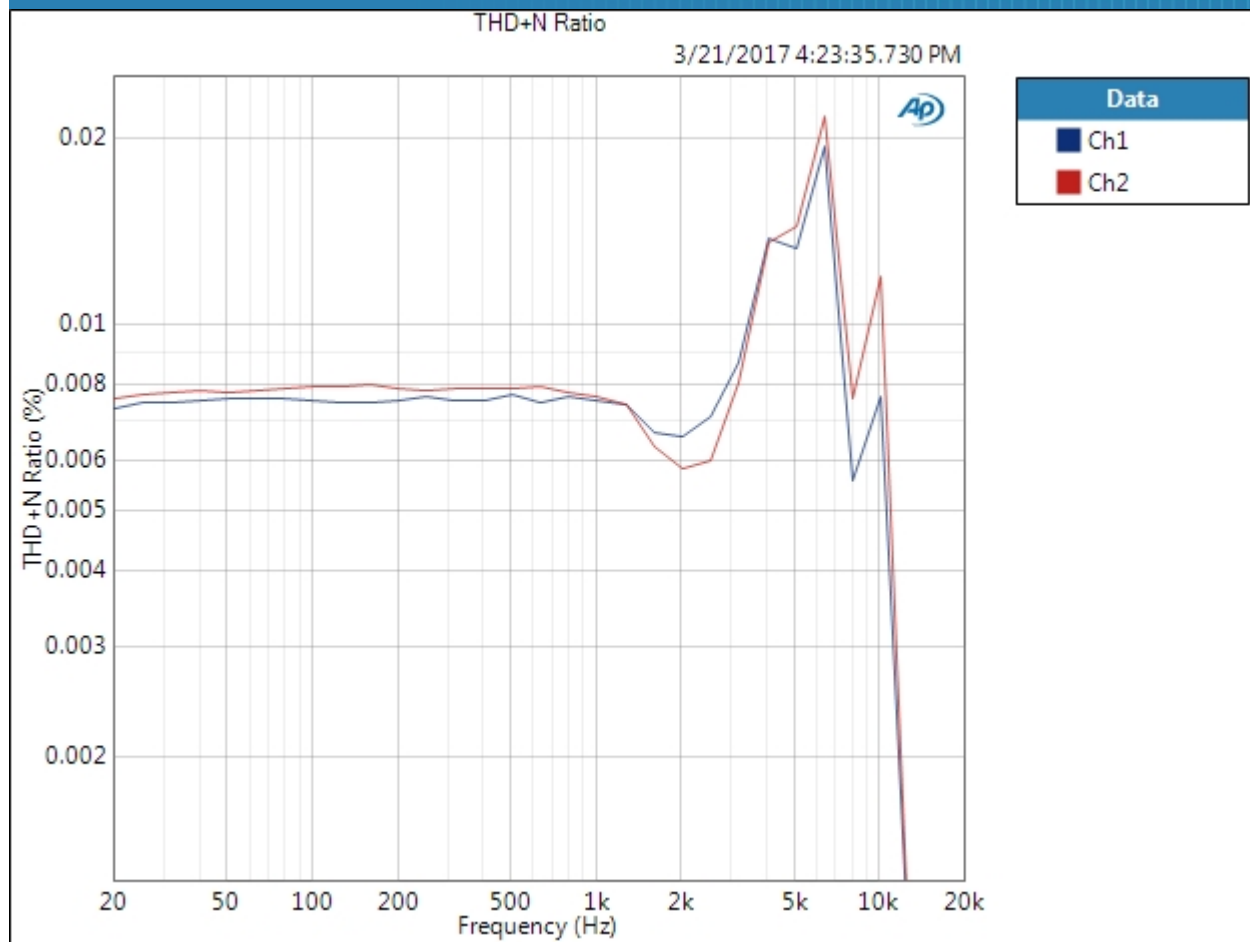


Result: PASSED

THD+N Ratio (3/21/2017 4:23:35.730 PM)

3/21/2017 4:23 PM

## Sequence Report



Result: PASSED