

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:	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.

Sequence Report



Signal Path1 : Verify Connections

Waveform: Sine

Generator Level: 283.3 mVrms

DC Offset: 0.000 V

Frequency: 1.00000 kHz

RMS Level (4/10/2018 11:50:15.837 AM)

Ch1 7.895 uVrms

Ch2 2.090 Vrms

Gain (4/10/2018 11:50:15.837 AM)

Ch1 -91.142 dB

Ch2 17.356 dB

THD+N Ratio (4/10/2018 11:50:15.837 AM)

Ch1 ---- dB

Ch2 -110.910 dB

Frequency (4/10/2018 11:50:15.837 AM)

Ch1 ---- Hz

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 (4/10/2018 11:50:17.496 AM)

Ch1 7.836 uVrms

Ch2 2.090 Vrms

Gain (4/10/2018 11:50:17.496 AM)

Ch1 -91.163 dB

Ch2 17.357 dB

Peak Level (4/10/2018 11:50:17.496 AM)

Ch1 26.11 uV

Ch2 2.955 V

Sequence Report



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 (4/10/2018 11:50:20.160 AM)

Ch1 ---- dB
 Ch2 -111.109 dB

THD+N Level (4/10/2018 11:50:20.160 AM)

Ch1 7.950 uVrms
 Ch2 5.822 uVrms

THD Ratio (4/10/2018 11:50:20.160 AM)

Ch1 ---- dB
 Ch2 -124.939 dB

THD Level (4/10/2018 11:50:20.160 AM)

Ch1 0.000 Vrms
 Ch2 1.183 uVrms

Noise Ratio (4/10/2018 11:50:20.160 AM)

Ch1 ---- dB
 Ch2 -111.165 dB

Noise Level (4/10/2018 11:50:20.160 AM)

Ch1 7.660 uVrms
 Ch2 5.778 uVrms

Distortion Product Ratio (4/10/2018 11:50:20.160 AM)

Channel	F	H2	H3	H4	H5	H6	H7	H8	H9	H10
Ch1	----	----	----	----	----	----	----	----	----	----
	0.997k	1.994k	2.991k	3.988k	4.985k	5.982k	6.979k	7.976k	8.973k	9.970k
Ch2	-0.00	-134.61	-133.02	-135.35	-134.67	-130.42	-134.20	-138.11	-143.61	-142.46

Distortion Product Ratio Parameters

Frequency Unit: Hz
 Ratio Unit: dB

Distortion Product Level (4/10/2018 11:50:20.160 AM)

Sequence Report



Channel	F	H2	H3	H4	H5	H6	H7	H8	H9	H10
Ch1	----	----	----	----	----	----	----	----	----	----
	0.997k	1.994k	2.991k	3.988k	4.985k	5.982k	6.979k	7.976k	8.973k	9.970k
Ch2	2.090	388.6 n	466.7 n	356.8 n	386.0 n	629.8 n	407.3 n	259.9 n	137.9 n	157.4 n

Distortion Product Level Parameters

Frequency Unit: Hz

Level Unit: Vrms

Sequence Report



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

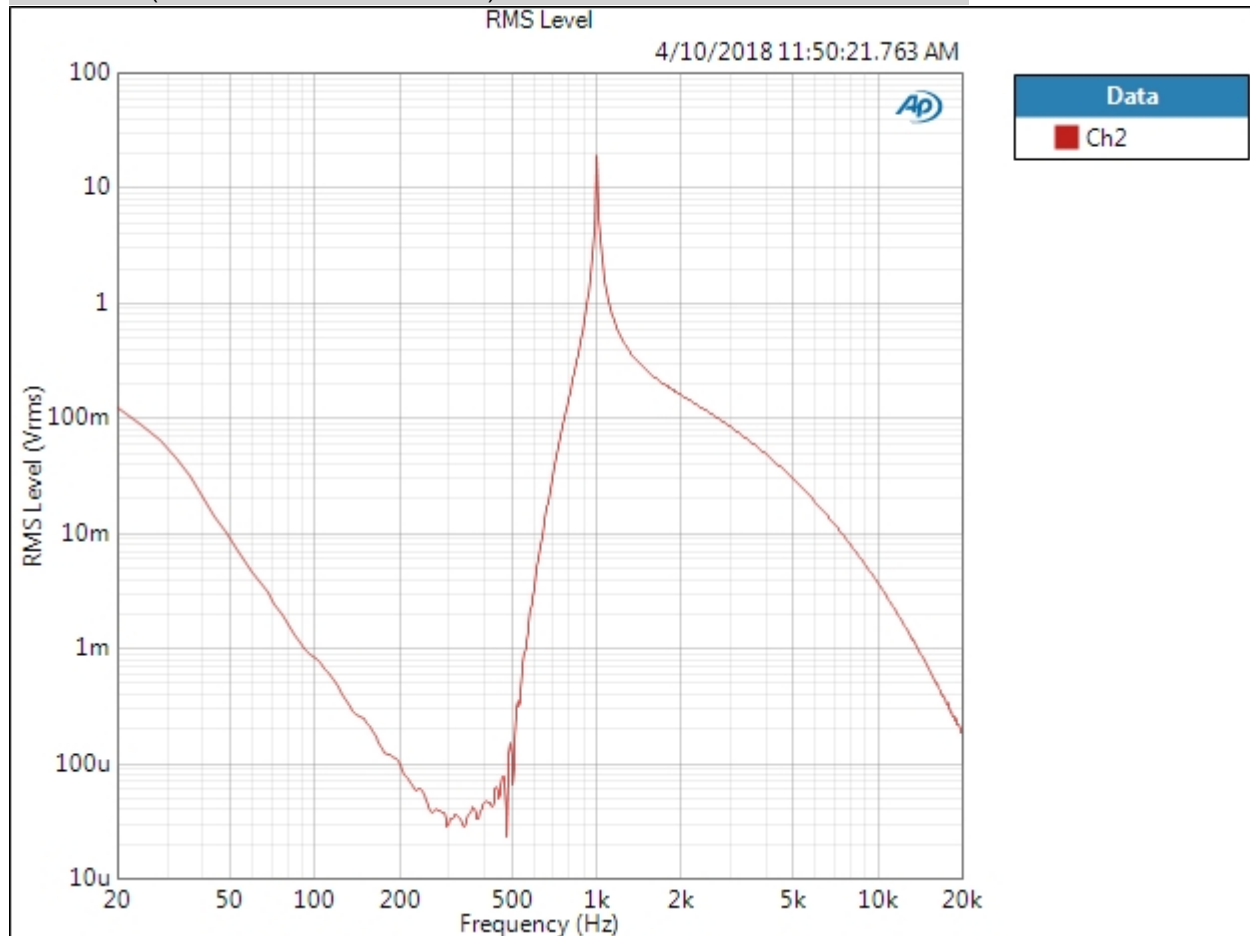
Pre-Sweep: 100.0 ms

Extend Acquisition By: 50.00 ms

Secondary Source: None

Measured 1 4/10/2018 11:50:21 AM

RMS Level (4/10/2018 11:50:21.763 AM)

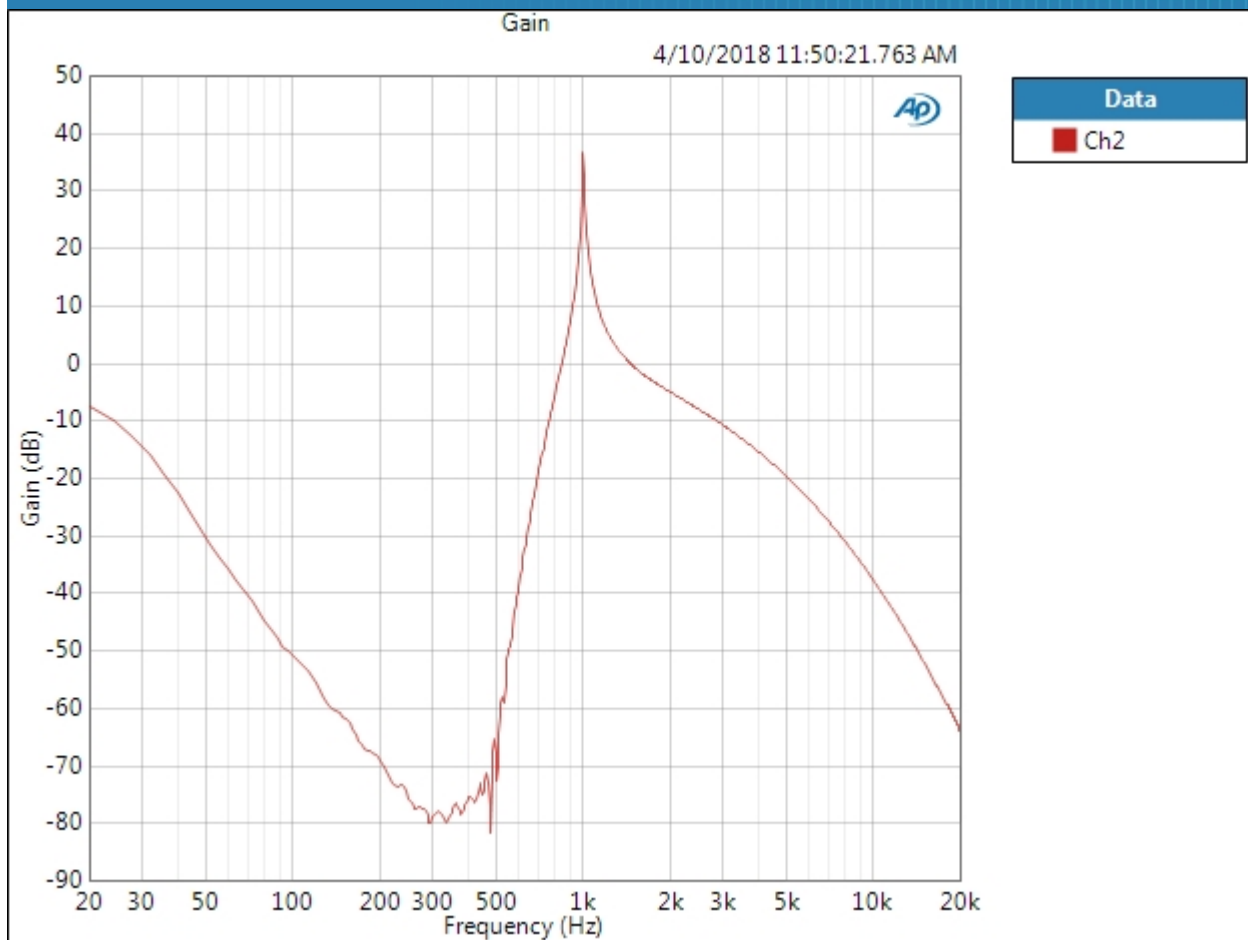


Result: PASSED

Gain (4/10/2018 11:50:21.763 AM)

4/10/2018 11:50 AM

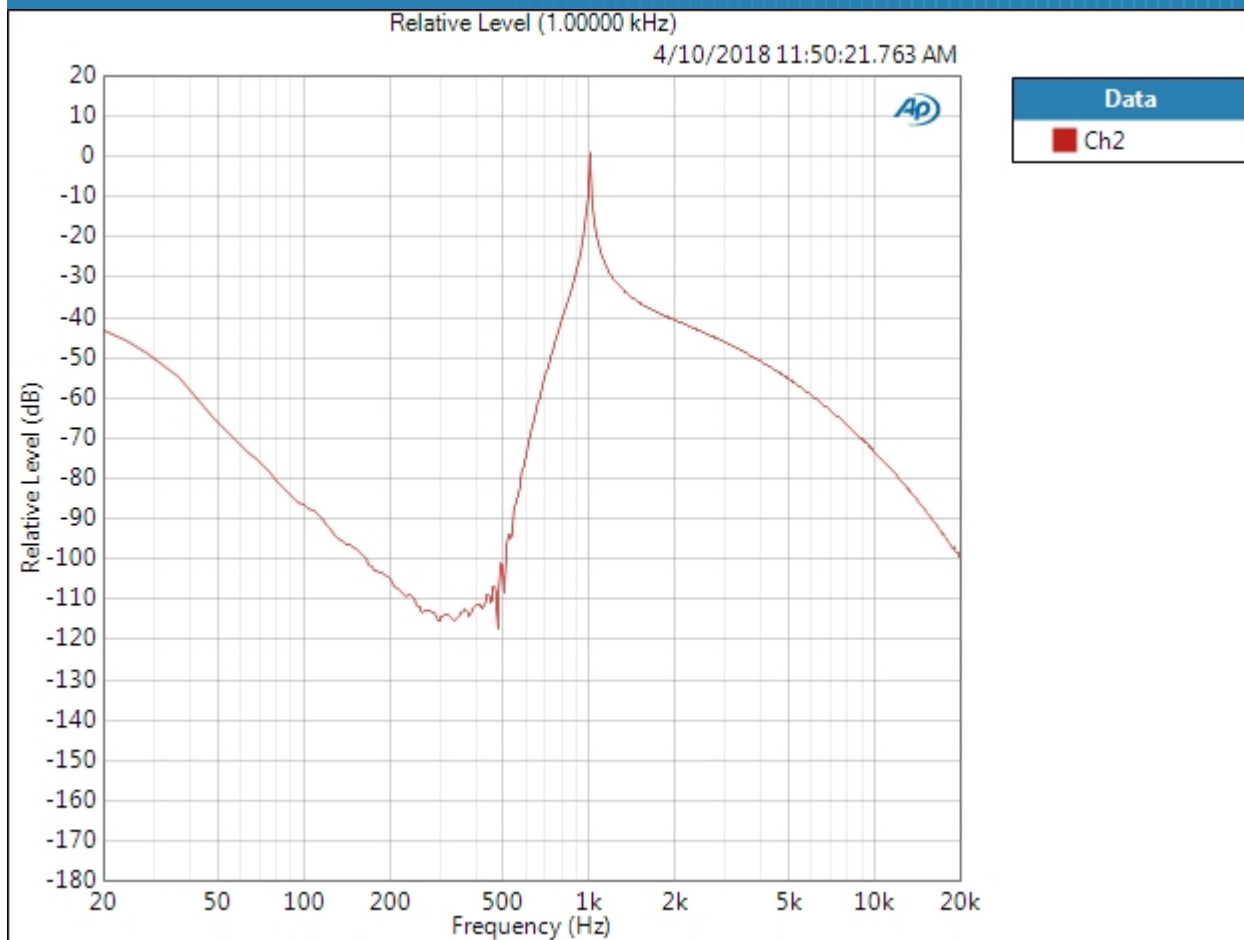
Sequence Report



Result: PASSED

Relative Level (1.00000 kHz) (4/10/2018 11:50:21.763 AM)

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) (4/10/2018 11:50:21.763 AM)

Ch1 ± 37.923 dB

Ch2 ± 59.056 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: 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 (4/10/2018 11:50:24.304 AM)

Ch1 0.318 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 (4/10/2018 11:50:27.244 AM)

Ch1 -109.854 dB

Ch2 110.740 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 (4/10/2018 11:50:28.690 AM)

Ch1 ---- deg

Ch2 -82.155 deg

Sequence Report



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

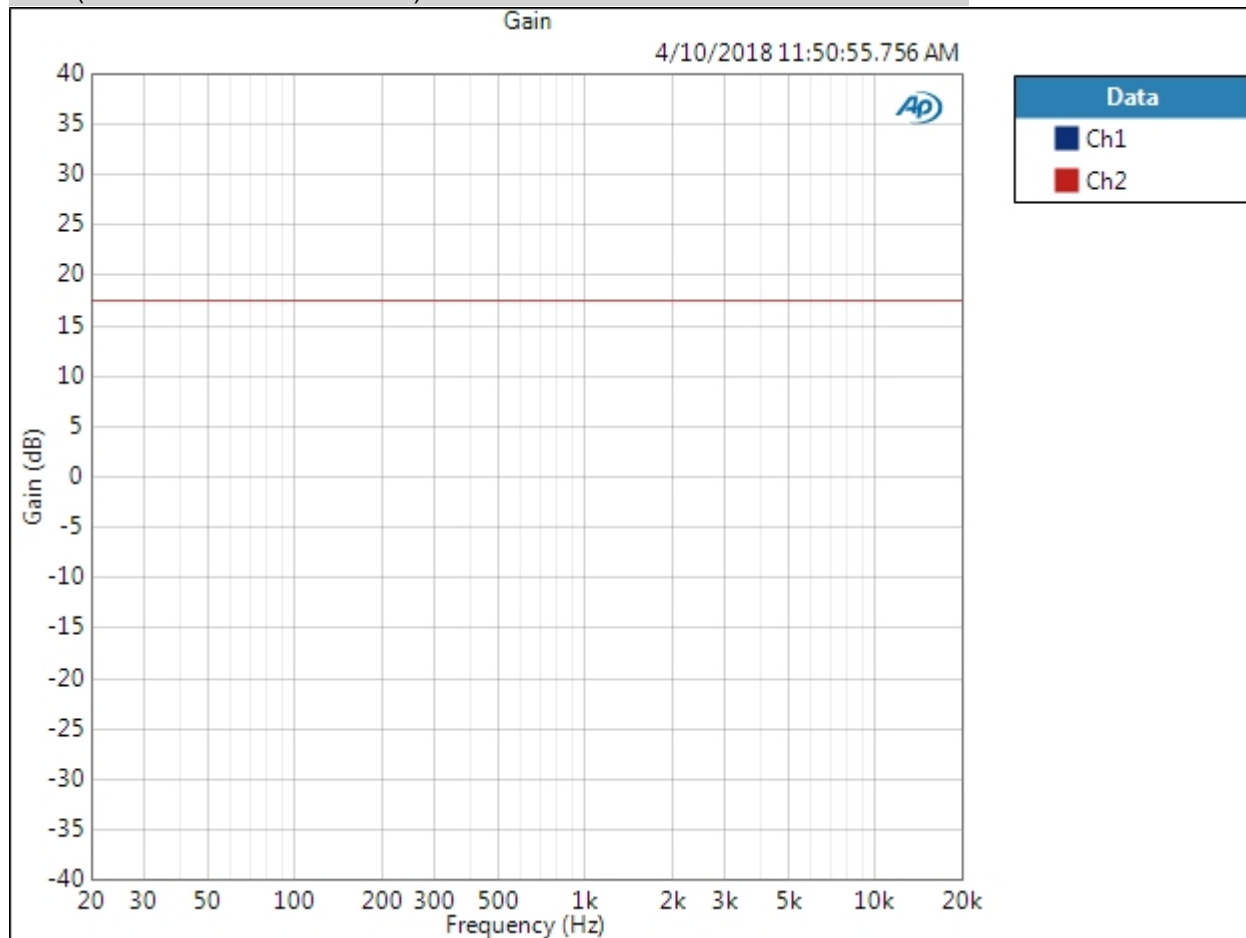
Weighting Filter: A-wt.

High-pass Filter: 22 Hz

Phase Ref Channel: Ch1

Measured 1 4/10/2018 11:50:55 AM

Gain (4/10/2018 11:50:55.756 AM)

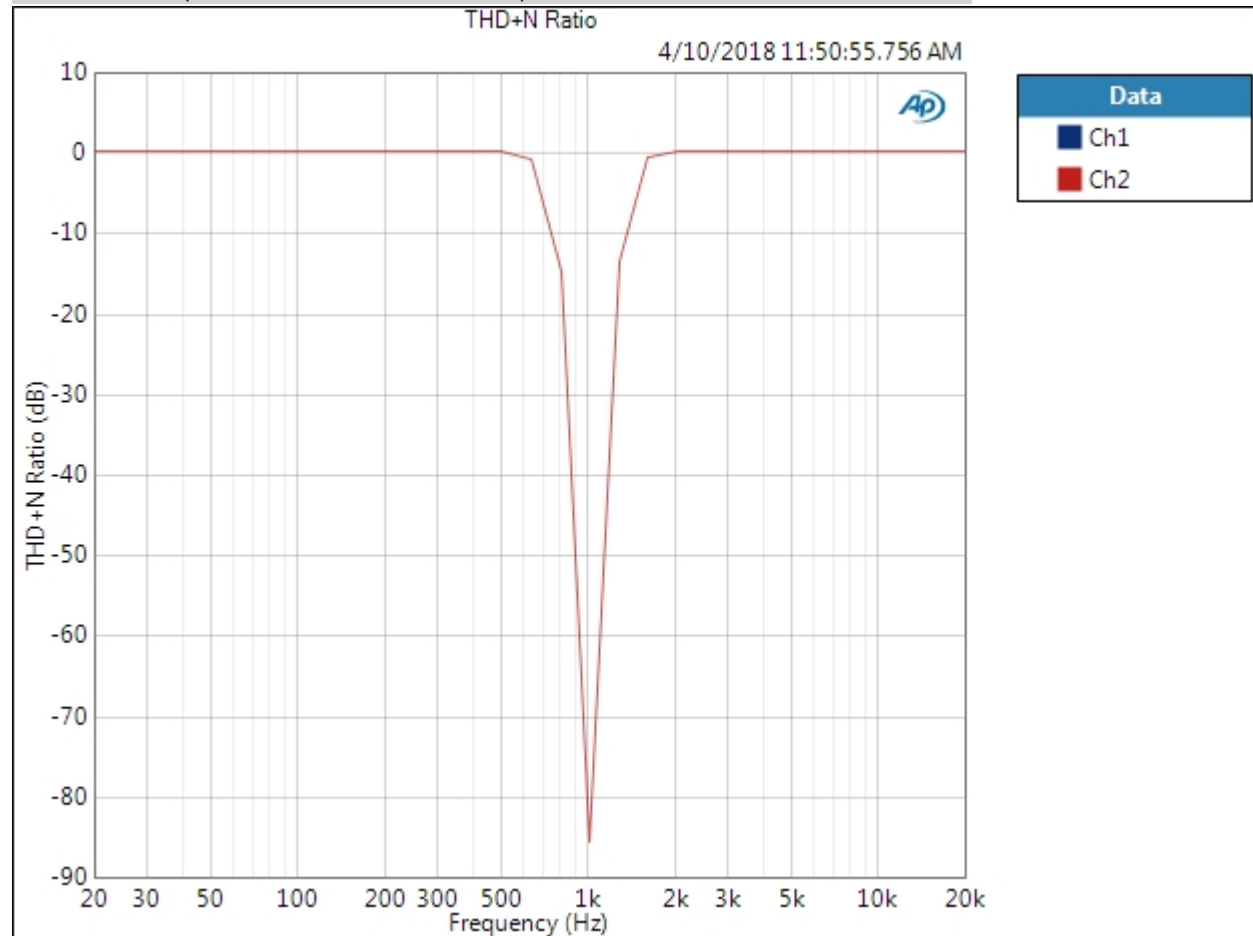


Sequence Report



Result: PASSED

THD+N Ratio (4/10/2018 11:50:55.756 AM)



Result: PASSED