

## Sequence Report



### Summary

#### Signal Path1

Level and Gain	✓ PASSED
THD+N	✓ PASSED
Frequency Response	✓ PASSED
Signal to Noise Ratio	✓ PASSED
Crosstalk, One Channel Undriven	✓ PASSED
Interchannel Phase	✓ PASSED

#### Sequence Result:

Sequence Result: ✓ PASSED

## Signal Path1 : Signal Path Setup

Output Connector:	Analog Unbalanced
Channels:	2
Source Impedance:	20 ohm
AG52 Generator Option:	Installed
Output EQ:	None
Input Connector:	Analog Balanced
Channels:	2
Termination:	200 kohm
Input Bandwidth:	AC (<10 Hz) - 90k (192 kHz SR)
Device Delay:	0.000 s
Input EQ:	None

## • References

dBr G:	100.0 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
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.

## • Clocks

Output Rate:	Track Output SR
Sync Out Level:	3.300 V
Sync Out Polarity:	Normal
Timebase Reference:	Internal
Jitter:	Disabled

## Sequence Report



### • Triggers

Source: Off  
Input Logic Level: 3.300 V  
Edge: Rising

### Signal Path1 : Level and Gain

Waveform: Sine  
Generator Level: 1.000 Vrms  
DC Offset: 0.000 V  
Frequency: 1.00000 kHz

### RMS Level (12/11/2018 9:18:50.369 PM)

Ch1 7.387 Vrms  
Ch2 7.041 Vrms

### Gain (12/11/2018 9:18:50.369 PM)

Ch1 17.369 dB  
Ch2 16.952 dB

### Peak Level (12/11/2018 9:18:50.369 PM)

Ch1 10.46 V  
Ch2 9.967 V

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Signal Path1 : THD+N

Waveform: Sine  
Generator Level: 1.000 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 (12/11/2018 9:18:53.239 PM)

Ch1 0.026515 %  
Ch2 0.012257 %

THD+N Level (12/11/2018 9:18:53.239 PM)

Ch1 1.959 mVrms  
Ch2 863.0 uVrms

THD Ratio (12/11/2018 9:18:53.239 PM)

Ch1 0.024391 %  
Ch2 0.008236 %

THD Level (12/11/2018 9:18:53.239 PM)

Ch1 1.802 mVrms  
Ch2 579.9 uVrms

Noise Ratio (12/11/2018 9:18:53.239 PM)

Ch1 0.010207 %  
Ch2 0.009020 %

Noise Level (12/11/2018 9:18:53.239 PM)

Ch1 754.1 uVrms  
Ch2 635.1 uVrms

Distortion Product Ratio (12/11/2018 9:18:53.239 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	-72.62	-88.70	-101.55	-110.40	-116.87	-110.25	-112.74	-119.03	-115.70
	1.000k	2.000k	3.000k	4.000k	5.000k	6.000k	7.000k	8.000k	9.000k	10.00k
Ch2	-0.00	-82.24	-91.39	-109.22	-119.37	-118.48	-119.27	-122.90	-117.79	-118.03

Distortion Product Ratio Parameters

Frequency Unit: Hz  
Ratio Unit: dB

Distortion Product Level (12/11/2018 9:18:53.239 PM)

12/11/2018 9:19 PM

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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	7.388	1.728 m	271.4 u	61.83 u	22.30 u	10.59 u	22.71 u	17.04 u	8.263 u	12.12 u
	1.000k	2.000k	3.000k	4.000k	5.000k	6.000k	7.000k	8.000k	9.000k	10.00k
Ch2	7.041	544.4 u	189.8 u	24.37 u	7.575 u	8.392 u	7.662 u	5.043 u	9.079 u	8.836 u

### Distortion Product Level Parameters

Frequency Unit: Hz

Level Unit: Vrms

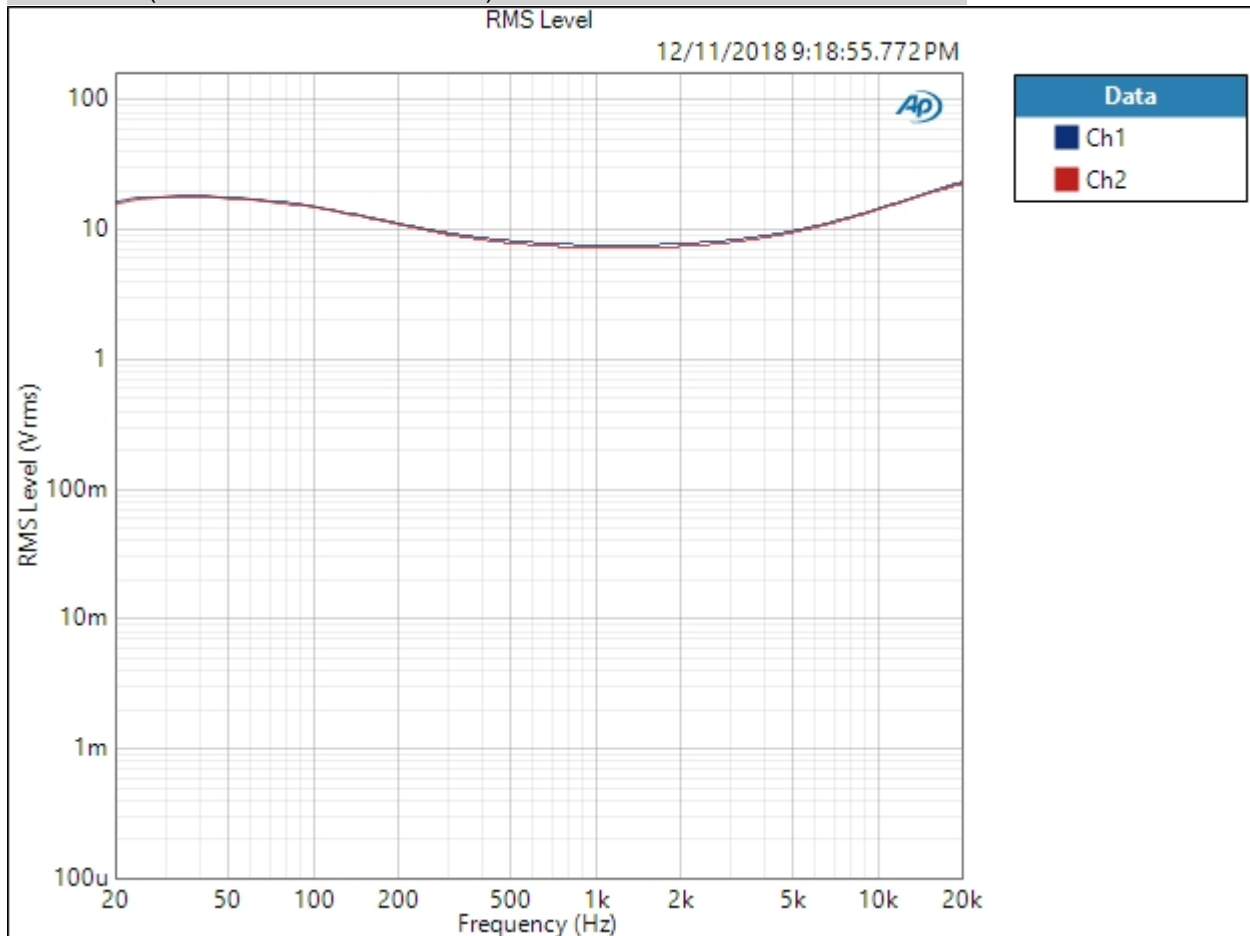
# Sequence Report



## Signal Path1 : Frequency Response

Start Frequency: 20.0000 Hz  
Stop Frequency: 20.0000 kHz  
Generator Level: 1.000 Vrms  
DC Offset: 0.000 V  
EQ: None  
Pre-Sweep: 0.000 s  
Sweep: 350.0 ms  
Extend Acquisition By: 50.00 ms  
Secondary Source: None  
Measured 1 12/11/2018 9:18:55 PM

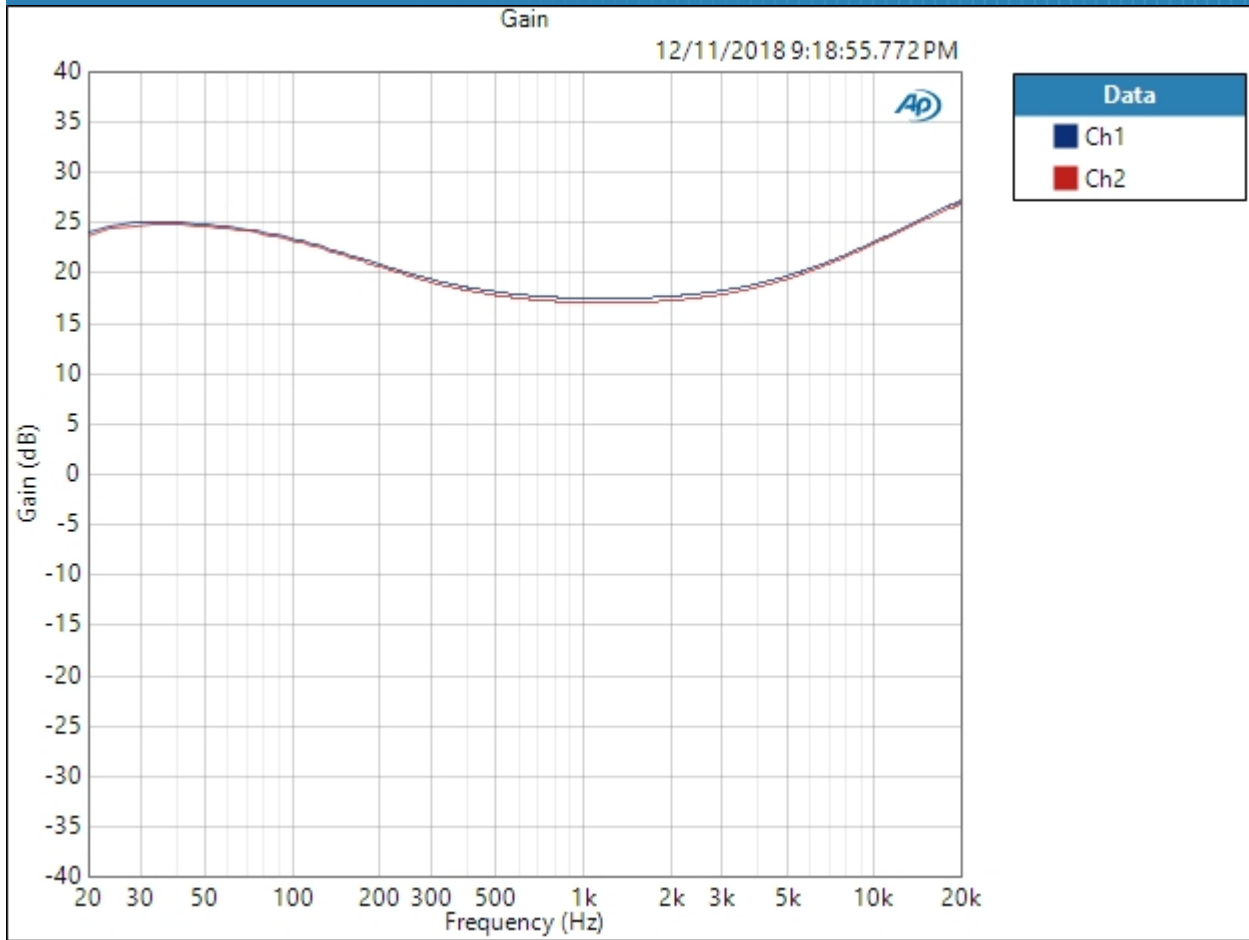
## RMS Level (12/11/2018 9:18:55.772 PM)



Result: PASSED

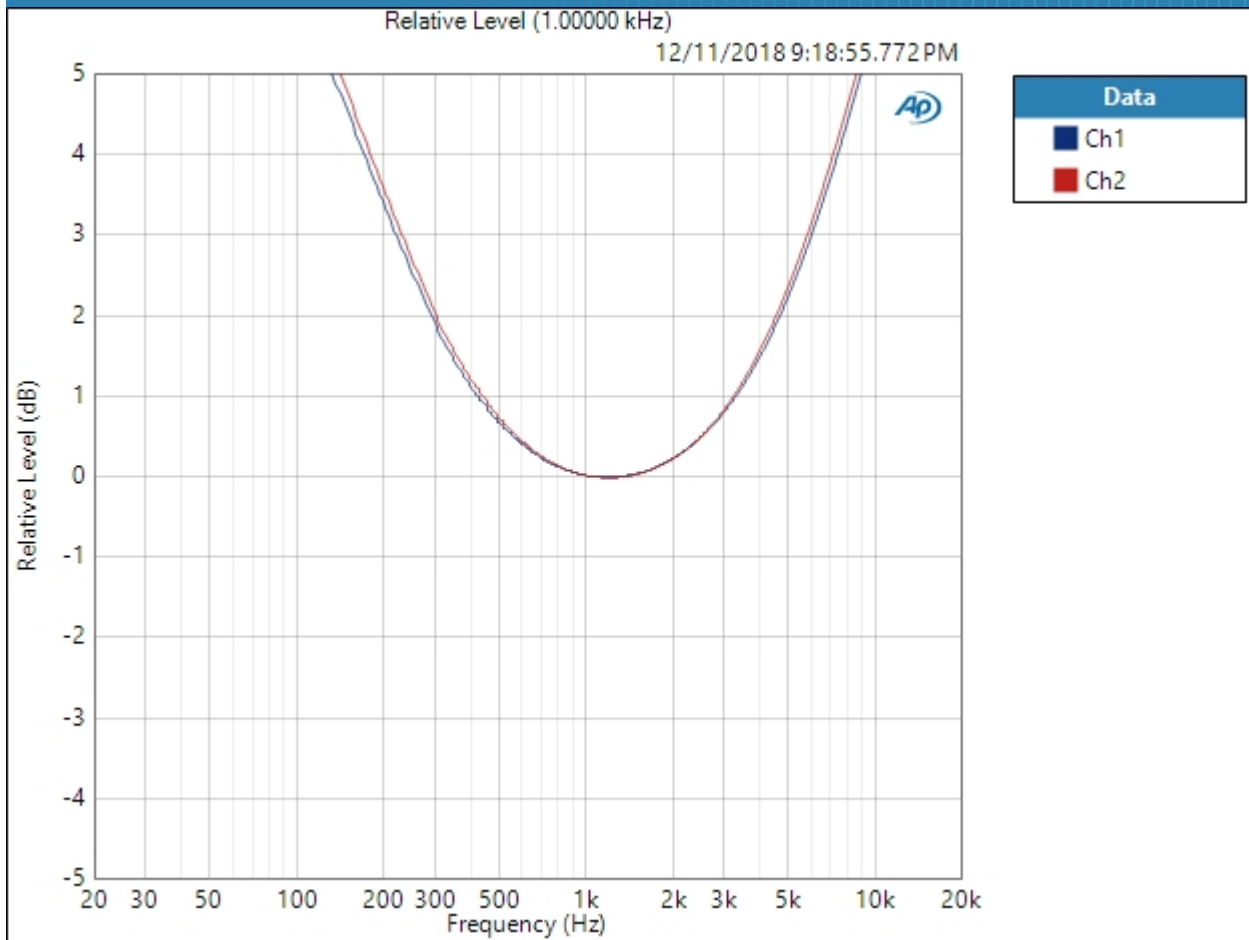
## Gain (12/11/2018 9:18:55.772 PM)

12/11/2018 9:19 PM



Result: ✔ PASSED

Relative Level (1.00000 kHz) (12/11/2018 9:18:55.772 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) (12/11/2018 9:18:55.772 PM)

Ch1 ±4.927 dB

Ch2 ±4.971 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: 1.000 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 (12/11/2018 9:18:58.233 PM)

Ch1 76.975 dB  
Ch2 80.604 dB

### Signal Path1 : Crosstalk, One Channel Undriven

Waveform: Sine  
Generator Level: 1.000 Vrms  
DC Offset: 0.000 V  
Frequency: 10.0000 kHz

### Crosstalk (12/11/2018 9:18:59.571 PM)

Ch1 -44.984 dB  
Ch2 -45.097 dB

### Signal Path1 : Interchannel Phase

Waveform: Sine  
Generator Level: 1.000 Vrms  
DC Offset: 0.000 V  
Frequency: 1.00000 kHz  
Reference Channel: Ch1  
Meter Range: -90 -> 270 deg

### Phase (12/11/2018 9:19:01.137 PM)

Ch1 ---- deg  
Ch2 -0.041 deg