

## 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 |

#### 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:  | 20.0000 Hz - AES17 (20 kHz), A-wt. |
| 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.

## Sequence Report



### Signal Path1 : Verify Connections

Waveform: Sine

Generator Level: 2.100 Vrms

DC Offset: 0.000 V

Frequency: 1.00000 kHz

### RMS Level (3/10/2017 3:08:00.394 PM)

Ch1 16.23 Vrms

Ch2 16.23 Vrms

### Gain (3/10/2017 3:08:00.394 PM)

Ch1 17.764 dB

Ch2 17.762 dB

### THD+N Ratio (3/10/2017 3:08:00.394 PM)

Ch1 18.593939 %

Ch2 18.544267 %

### Frequency (3/10/2017 3:08:00.394 PM)

Ch1 1.00000 kHz

Ch2 1.00000 kHz

### Signal Path1 : Level and Gain

Waveform: Sine

Generator Level: 100.0 mVrms

DC Offset: 0.000 V

Frequency: 1.00000 kHz

### RMS Level (3/10/2017 3:08:01.941 PM)

Ch1 0.998 Vrms

Ch2 0.996 Vrms

### Gain (3/10/2017 3:08:01.941 PM)

Ch1 19.978 dB

Ch2 19.965 dB

### Peak Level (3/10/2017 3:08:01.941 PM)

Ch1 1.409 V

Ch2 1.407 V

## Sequence Report



Signal Path1 : THD+N

Waveform: Sine  
 Generator Level: 100.0 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 (3/10/2017 3:08:03.723 PM)

Ch1 0.007870 %

Ch2 0.008194 %

THD+N Level (3/10/2017 3:08:03.723 PM)

Ch1 78.31 uVrms

Ch2 81.40 uVrms

THD Ratio (3/10/2017 3:08:03.723 PM)

Ch1 0.003576 %

Ch2 0.004098 %

THD Level (3/10/2017 3:08:03.723 PM)

Ch1 35.69 uVrms

Ch2 40.83 uVrms

Noise Ratio (3/10/2017 3:08:03.723 PM)

Ch1 0.007038 %

Ch2 0.006947 %

Noise Level (3/10/2017 3:08:03.723 PM)

Ch1 70.24 uVrms

Ch2 69.23 uVrms

Distortion Product Ratio (3/10/2017 3:08:03.723 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  | -103.67 | -90.59 | -103.44 | -110.13 | -102.89 | -104.09 | -107.79 | -104.70 | -105.50 |
|         | 1.000k | 2.000k  | 3.000k | 4.000k  | 5.000k  | 6.000k  | 7.000k  | 8.000k  | 9.000k  | 10.00k  |
| Ch2     | -0.00  | -106.70 | -89.57 | -96.54  | -107.61 | -101.22 | -110.44 | -105.68 | -105.46 | -110.73 |

Distortion Product Ratio Parameters

Frequency Unit: Hz

Ratio Unit: dB

Distortion Product Level (3/10/2017 3:08:03.723 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     | 0.998  | 6.543 u | 29.48 u | 6.720 u | 3.109 u | 7.157 u | 6.235 u | 4.070 u | 5.811 u | 5.301 u |
|         | 1.000k | 2.000k  | 3.000k  | 4.000k  | 5.000k  | 6.000k  | 7.000k  | 8.000k  | 9.000k  | 10.00k  |
| Ch2     | 0.997  | 4.609 u | 33.10 u | 14.84 u | 4.151 u | 8.658 u | 2.994 u | 5.184 u | 5.316 u | 2.898 u |

### Distortion Product Level Parameters

Frequency Unit: Hz

Level Unit: Vrms

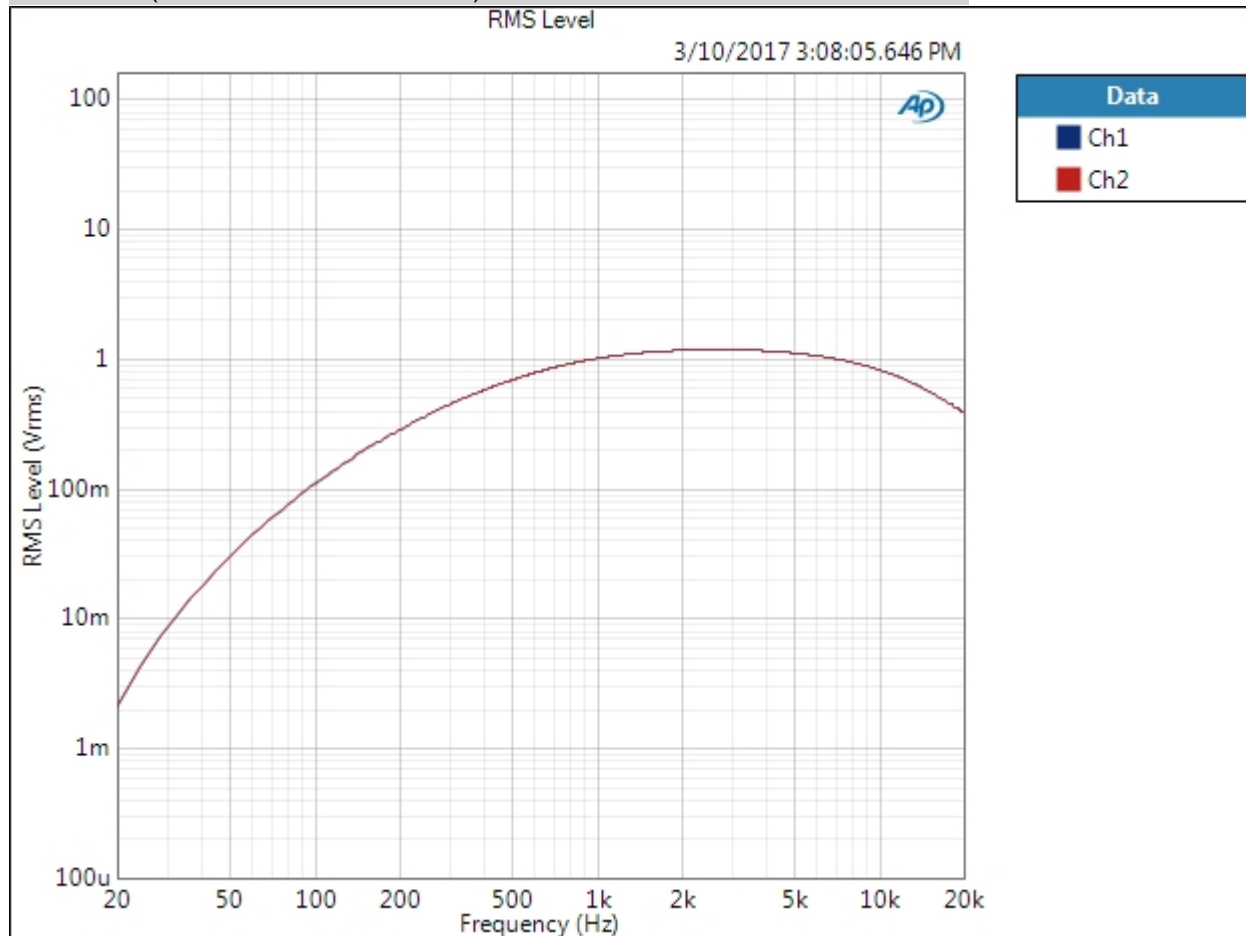
## Sequence Report



### Signal Path1 : Frequency Response

Generator Level: 100.0 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 3/10/2017 3:08:05 PM

RMS Level (3/10/2017 3:08:05.646 PM)

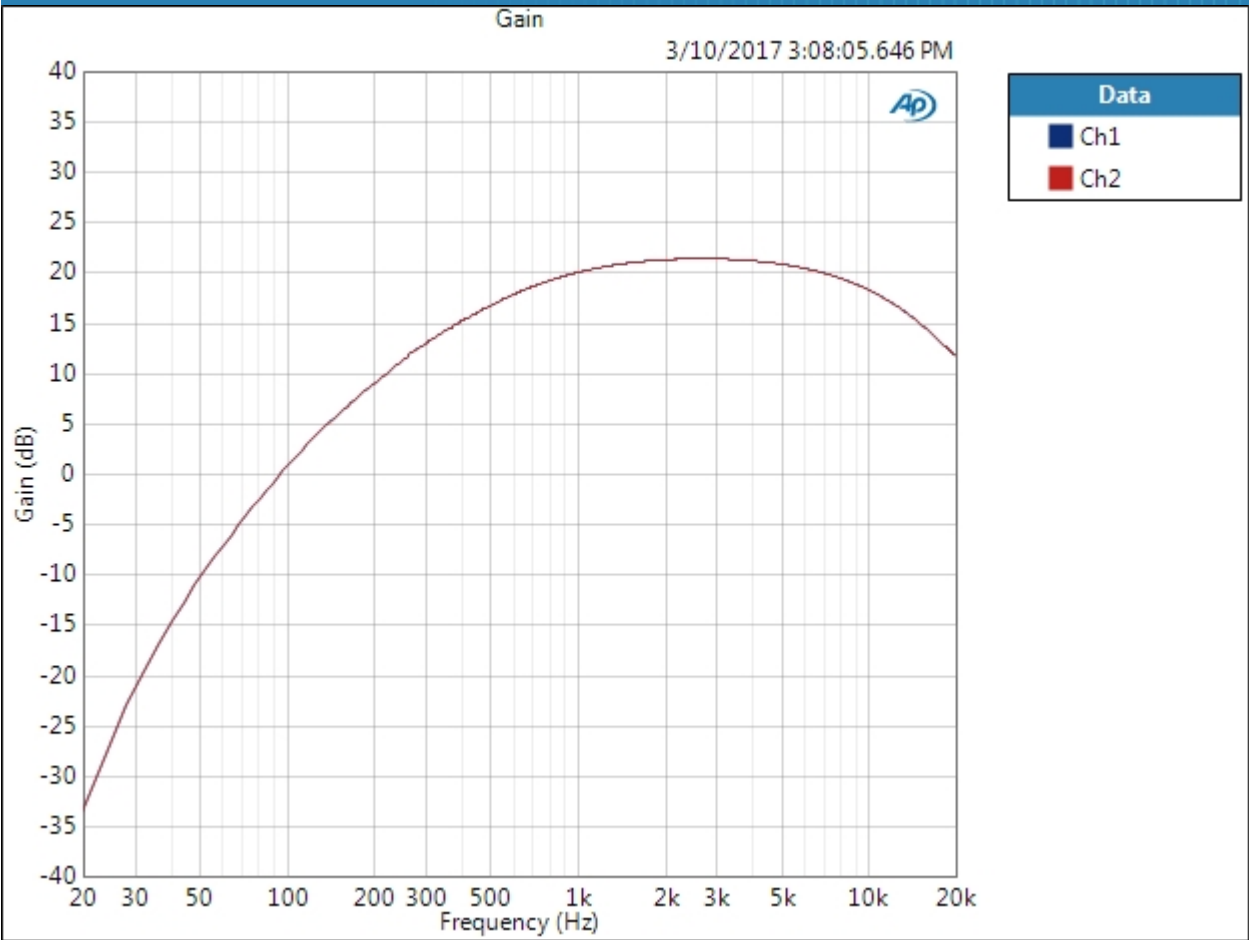


Result: PASSED

Gain (3/10/2017 3:08:05.646 PM)

3/10/2017 3:08 PM

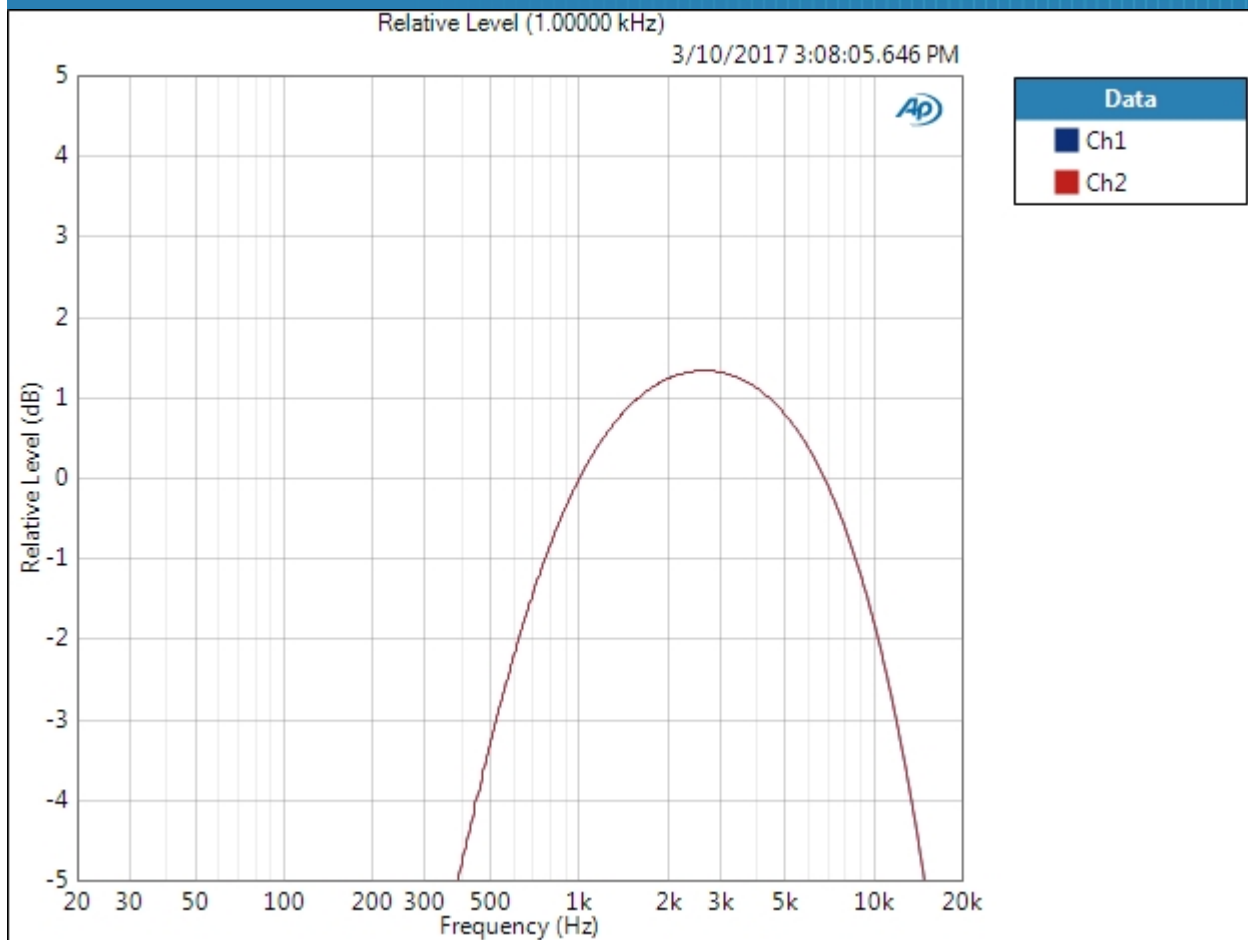
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Result: PASSED

Relative Level (1.00000 kHz) (3/10/2017 3:08:05.646 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) (3/10/2017 3:08:05.646 PM)

Ch1  $\pm 27.219$  dB

Ch2  $\pm 27.192$  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: 100.0 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 (3/10/2017 3:08:07.506 PM)

Ch1 82.535 dB

Ch2 82.758 dB

### Signal Path1 : Crosstalk, One Channel Undriven

Waveform: Sine  
Generator Level: 100.0 mVrms  
DC Offset: 0.000 V  
Frequency: 1.00000 kHz

### Crosstalk (3/10/2017 3:08:09.902 PM)

Ch1 -83.049 dB

Ch2 -84.415 dB

### Signal Path1 : Interchannel Phase

Waveform: Sine  
Generator Level: 100.0 mVrms  
DC Offset: 0.000 V  
Frequency: 1.00000 kHz  
Reference Channel: Ch1  
Meter Range: -90 -> 270 deg

### Phase (3/10/2017 3:08:11.340 PM)

Ch1 ---- deg

Ch2 -0.009 deg