

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.

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Signal Path1 : Verify Connections

Waveform: Sine
Generator Level Ch1: 2.100 Vrms
DC Offset Ch1: 0.000 V
Generator Level Ch2: 2.100 Vrms
DC Offset Ch2: 0.000 V
Frequency: 15.0000 kHz

RMS Level (3/10/2017 3:14:11.390 PM)

Ch1 8.790 Vrms
Ch2 8.796 Vrms

Gain (3/10/2017 3:14:11.390 PM)

Ch1 12.435 dB
Ch2 12.441 dB

THD+N Ratio (3/10/2017 3:14:11.390 PM)

Ch1 0.023711 %
Ch2 0.016932 %

Frequency (3/10/2017 3:14:11.390 PM)

Ch1 15.0000 kHz
Ch2 15.0000 kHz

Signal Path1 : Level and Gain

Waveform: Sine
Generator Level: 100.0 mVrms
DC Offset: 0.000 V
Frequency: 15.0000 kHz

RMS Level (3/10/2017 3:14:13.014 PM)

Ch1 548.8 mVrms
Ch2 547.9 mVrms

Gain (3/10/2017 3:14:13.014 PM)

Ch1 14.788 dB
Ch2 14.775 dB

Peak Level (3/10/2017 3:14:13.014 PM)

Ch1 766.5 mV
Ch2 765.4 mV

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Signal Path1 : THD+N

Waveform: Sine
 Generator Level: 100.0 mVrms
 DC Offset: 0.000 V
 Frequency: 15.0000 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 3:14:14.752 PM)

Ch1 0.006043 %

Ch2 0.006075 %

THD+N Level (3/10/2017 3:14:14.752 PM)

Ch1 64.36 uVrms

Ch2 64.59 uVrms

THD Ratio (3/10/2017 3:14:14.752 PM)

Ch1 0.000000 %

Ch2 0.000000 %

THD Level (3/10/2017 3:14:14.752 PM)

Ch1 0.000 Vrms

Ch2 0.000 Vrms

Noise Ratio (3/10/2017 3:14:14.752 PM)

Ch1 0.011762 %

Ch2 0.011807 %

Noise Level (3/10/2017 3:14:14.752 PM)

Ch1 64.58 uVrms

Ch2 64.73 uVrms

Distortion Product Ratio (3/10/2017 3:14:14.752 PM)

Channel	F	H2	H3	H4	H5	H6	H7	H8	H9	H10
	15.00k	30.00k	45.00k	60.00k	75.00k	90.00k	105.0k	120.0k	135.0k	150.0k
Ch1	-0.00	-∞	-∞	-∞	-∞	-∞	-∞	-∞	-∞	-∞
	15.00k	30.00k	45.00k	60.00k	75.00k	90.00k	105.0k	120.0k	135.0k	150.0k
Ch2	-0.00	-∞	-∞	-∞	-∞	-∞	-∞	-∞	-∞	-∞

Distortion Product Ratio Parameters

Frequency Unit: Hz

Ratio Unit: dB

Distortion Product Level (3/10/2017 3:14:14.752 PM)

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Channel	F	H2	H3	H4	H5	H6	H7	H8	H9	H10
	15.00k	30.00k	45.00k	60.00k	75.00k	90.00k	105.0k	120.0k	135.0k	150.0k
Ch1	549.1 m	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	15.00k	30.00k	45.00k	60.00k	75.00k	90.00k	105.0k	120.0k	135.0k	150.0k
Ch2	548.2 m	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

Distortion Product Level Parameters

Frequency Unit: Hz

Level Unit: Vrms

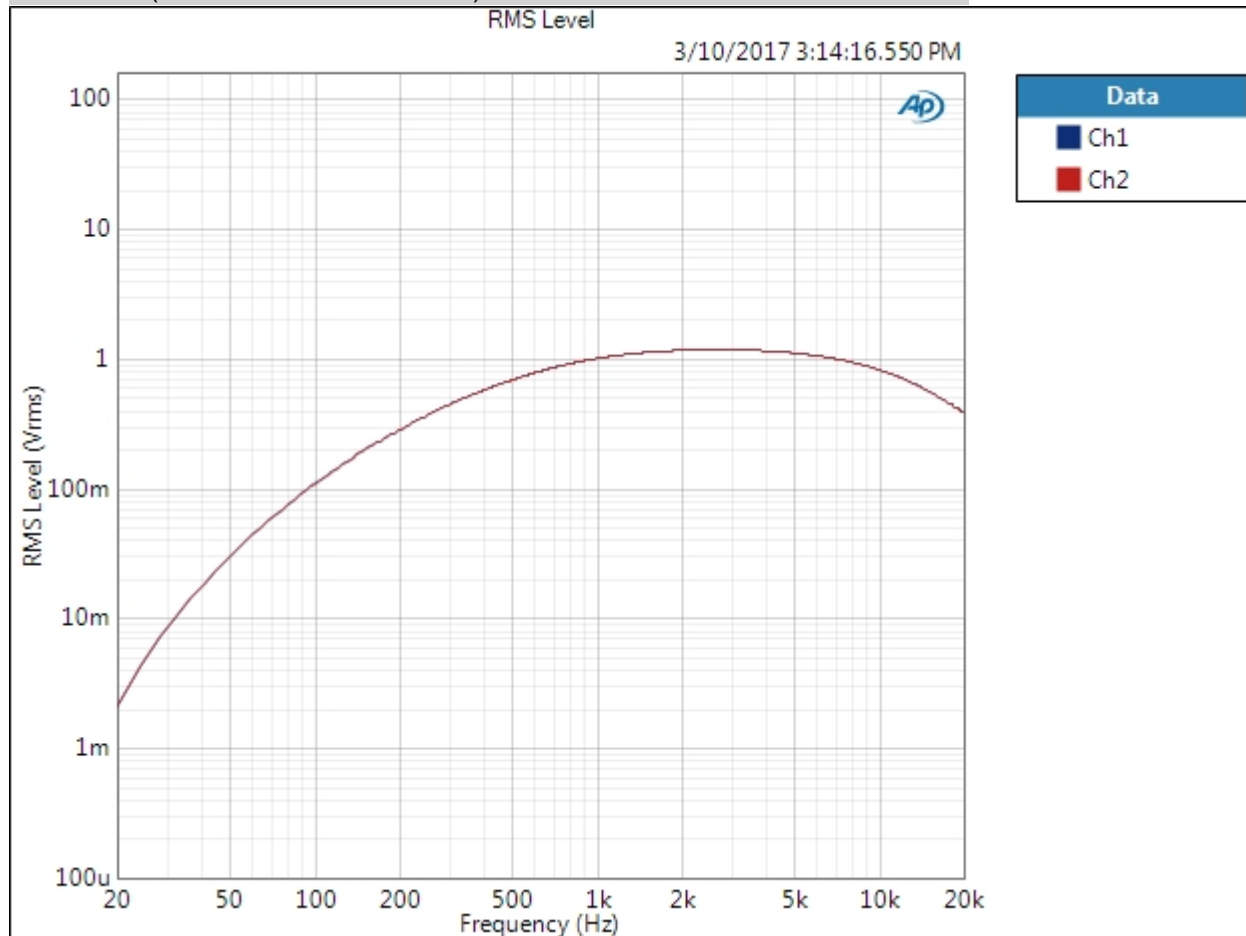
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Signal Path1 : Frequency Response

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 3:14:16 PM

RMS Level (3/10/2017 3:14:16.550 PM)

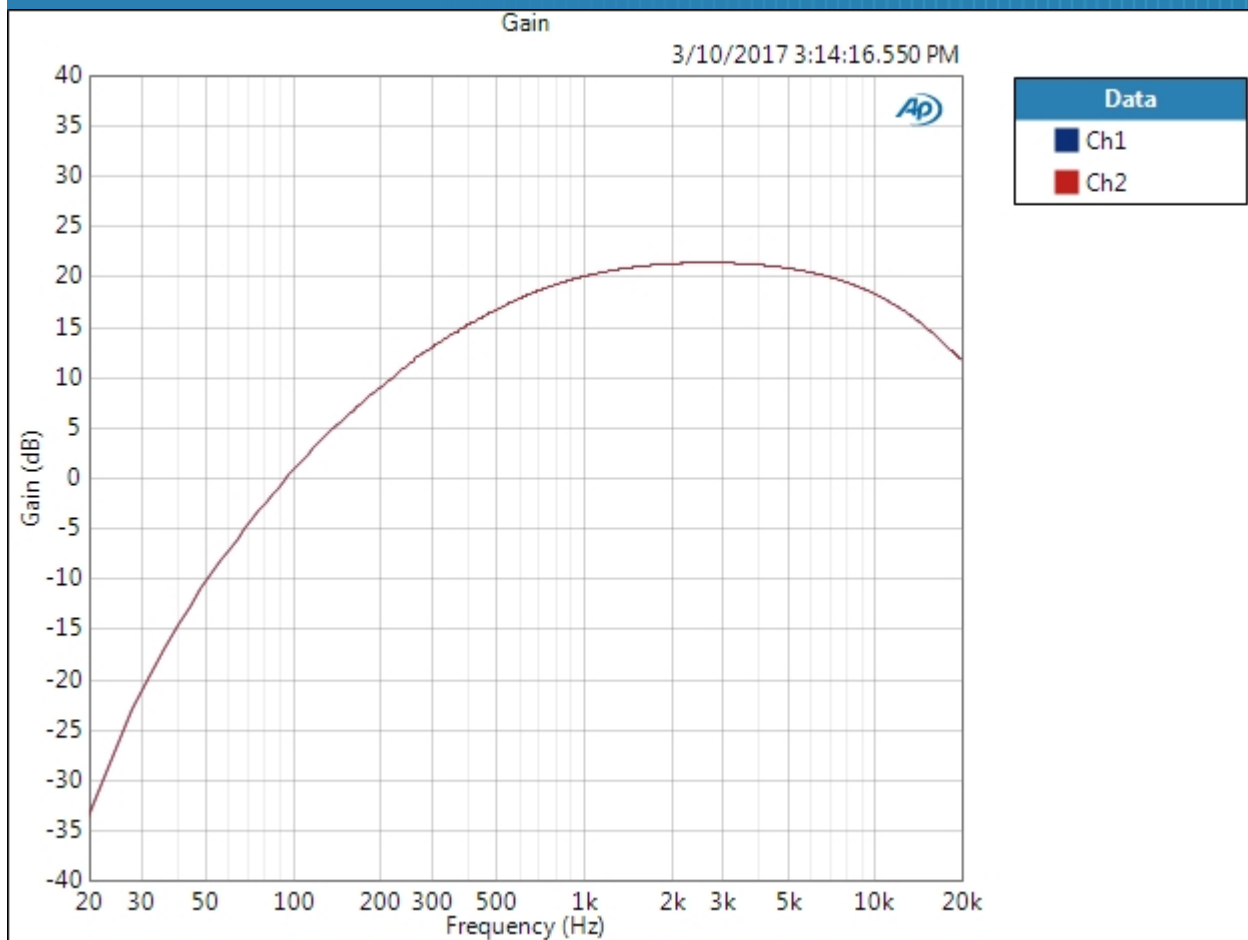


Result: PASSED

Gain (3/10/2017 3:14:16.550 PM)

3/10/2017 3:14 PM

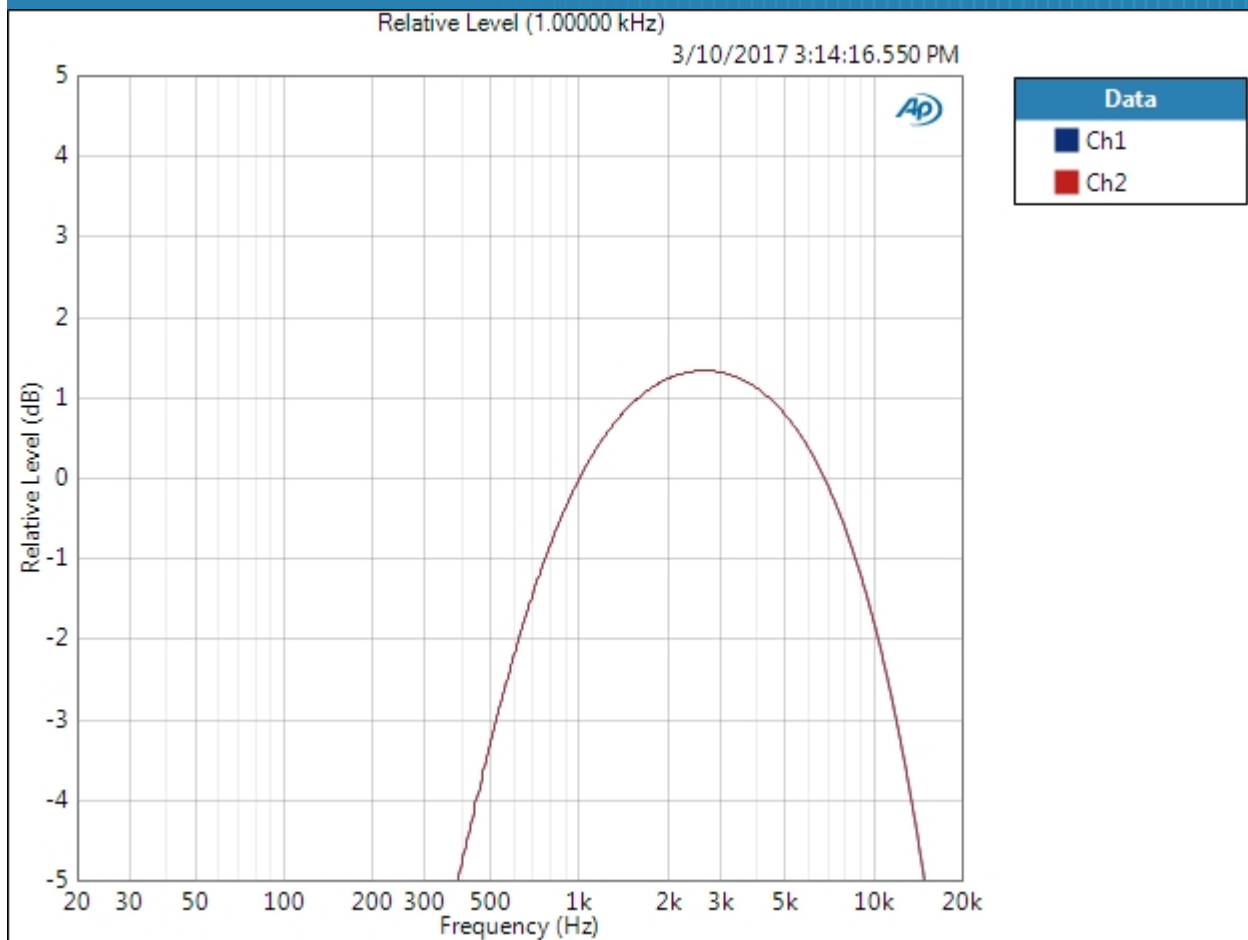
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Result: PASSED

Relative Level (1.00000 kHz) (3/10/2017 3:14:16.550 PM)

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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 3:14:16.550 PM)

Ch1 ± 27.190 dB

Ch2 ± 27.237 dB

Deviation (20.0000 Hz - 20.0000 kHz) Parameters

Min: 20.0000 Hz

Max: 20.0000 kHz

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Signal Path1 : Signal to Noise Ratio

Waveform: Sine
Generator Level: 100.0 mVrms
DC Offset: 0.000 V
Frequency: 15.0000 kHz
Low-pass Filter: 20 kHz
Weighting Filter: Signal Path
High-pass Filter: 20 Hz

Signal to Noise Ratio (3/10/2017 3:14:18.411 PM)

Ch1 77.548 dB

Ch2 77.406 dB

Signal Path1 : Crosstalk, One Channel Undriven

Waveform: Sine
Generator Level: 100.0 mVrms
DC Offset: 0.000 V
Frequency: 15.0000 kHz

Crosstalk (3/10/2017 3:14:20.646 PM)

Ch1 -74.091 dB

Ch2 -75.090 dB

Signal Path1 : Interchannel Phase

Waveform: Sine
Generator Level: 100.0 mVrms
DC Offset: 0.000 V
Frequency: 15.0000 kHz
Reference Channel: Ch1
Meter Range: -90 -> 270 deg

Phase (3/10/2017 3:14:22.068 PM)

Ch1 ---- deg

Ch2 -0.097 deg