

Notes

400W*2

Summary

Signal Path1

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

Sequence Result:

Sequence Result: ✓ PASSED

APx Instrument

Instrument ID: 90821
Calibration Date: 2014/4/17
APx Version: 4.1.1.54.94537

Signal Path1 : Signal Path Setup

Output Connector:	Analog Balanced
Channels:	2
Source Impedance:	100 ohm
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

• 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.

Signal Path1 : Level and Gain

Waveform: Sine

Generator Level: 1.000 Vrms

DC Offset: 0.000 V

Frequency: 1.00000 kHz

RMS Level (2018/12/25 16:50:20.217)

Channel	Lower Limit	Value	Upper Limit	
Ch1	380.0 W	413.4 W	450.0 kW	✓
Ch2	380.0 W	414.2 W	450.0 kW	✓

Result: ✓ PASSED

Gain (2018/12/25 16:50:20.217)

Channel	Lower Limit	Value	Upper Limit	
Ch1	34.000 dB	35.194 dB	36.000 dB	✓
Ch2	34.000 dB	35.203 dB	36.000 dB	✓

Result: ✓ PASSED

Peak Level (2018/12/25 16:50:20.217)

Channel	Lower Limit	Value	Upper Limit	
Ch1	82.00 V	83.74 V	86.00 V	✓
Ch2	82.00 V	83.57 V	86.00 V	✓

Result: ✓ PASSED

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 (2018/12/25 16:50:23.756)

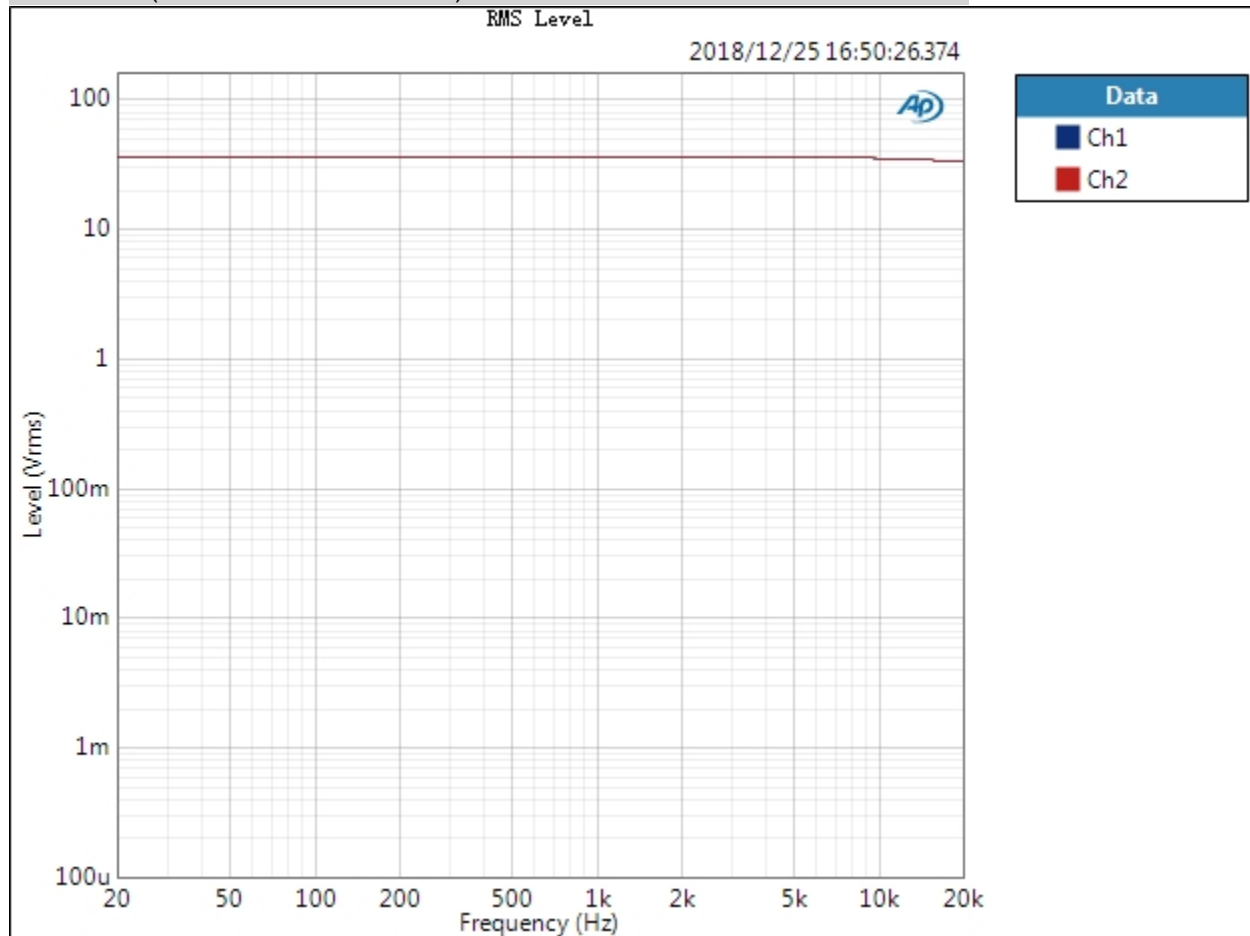
Channel	Lower Limit	Value	Upper Limit	
Ch1	---- %	0.039337 %	0.100000 %	✓
Ch2	---- %	0.056275 %	0.100000 %	✓

Result: ✓ PASSED

Signal Path1 : Frequency Response

Generator Level: 500.0 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 2018/12/25 16:50:26

RMS Level (2018/12/25 16:50:26.374)



Result: PASSED

Deviation (20.0000 Hz - 20.0000 kHz) (2018/12/25 16:50:26.374)

Channel	Lower Limit	Value	Upper Limit	
Ch1	±0.300 dB	±0.427 dB	±0.700 dB	✓
Ch2	±0.300 dB	±0.438 dB	±0.700 dB	✓

Deviation (20.0000 Hz - 20.0000 kHz) Parameters

Min: 20.0000 Hz

Max: 20.0000 kHz

Result: ✓ PASSED

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 (2018/12/25 16:50:28.866)

Channel	Lower Limit	Value	Upper Limit	
Ch1	90.000 dB	92.057 dB	105.000 dB	✓
Ch2	90.000 dB	90.343 dB	105.000 dB	✓

Result: ✓ PASSED

Signal Path1 : Crosstalk, One Channel Undriven

Waveform: Sine

Generator Level: 500.0 mVrms

DC Offset: 0.000 V

Frequency: 10.0000 kHz

Crosstalk (2018/12/25 16:50:30.600)

Channel	Lower Limit	Value	Upper Limit	
Ch1	---- dB	-52.411 dB	-45.000 dB	✓
Ch2	---- dB	-49.320 dB	-45.000 dB	✓

Result: ✓ PASSED