


Sequence Report



Summary

Sequence Result:  PASSED

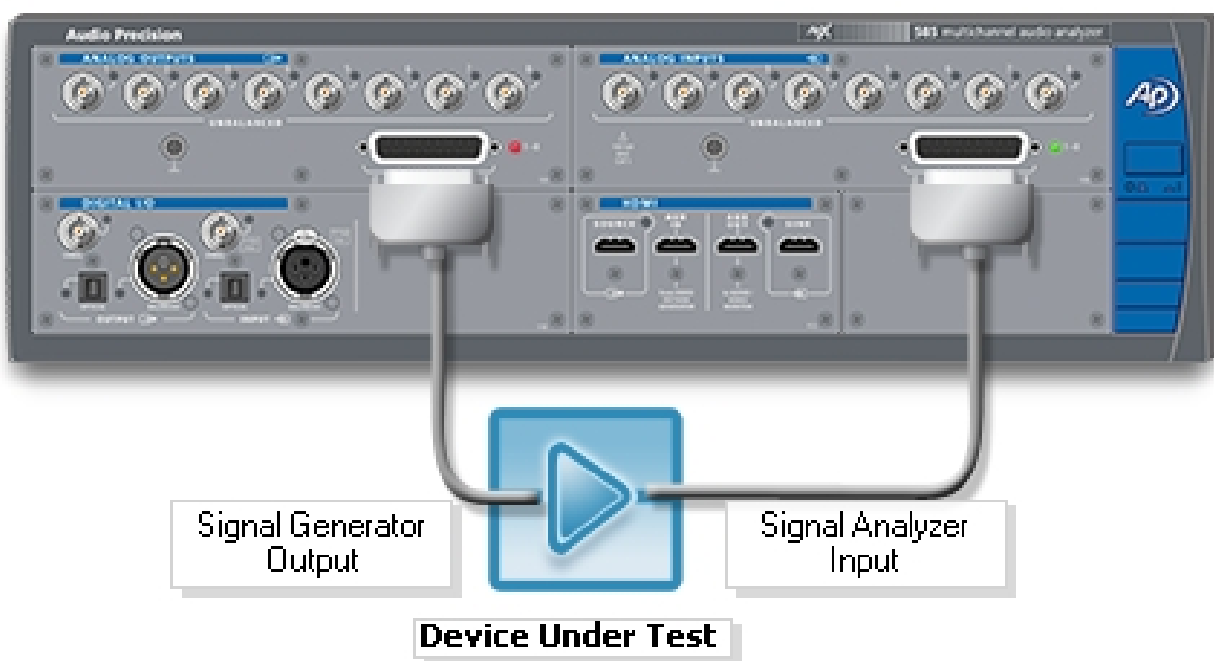
Sequence Report



Signal Path1 : Signal Path Setup

Output Connector: Analog Balanced
Channels: 7
Source Impedance: 100 Ohm
Input Connector: Analog Balanced
Channels: 7
Termination: 200 kOhm
Max Input Bandwidth: 90 kHz
Coupling: AC

Signal Path Configuration



Sequence Report



Signal Path1 : Reference Levels at rated power output

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:	60.00 Vrms
dBrB:	14.00 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

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Signal Path1 : Level and Gain at rated power output

Waveform: Sine
Generator Level: 0.975 Vrms
Frequency: 1.00000 kHz
Low-pass Filter: 22 kHz

RMS Level

Ch1 352.8 W
Ch2 354.9 W
Ch3 356.3 W
Ch4 356.7 W
Ch5 362.4 W
Ch6 353.7 W
Ch7 356.8 W

Gain

Ch1 34.726 dB
Ch2 34.751 dB
Ch3 34.769 dB
Ch4 34.774 dB
Ch5 34.843 dB
Ch6 34.737 dB
Ch7 34.776 dB

Signal Path1 : THD+N at Rated Power Output

Waveform: Sine
Generator Level: 0.975 Vrms
Frequency: 1.00000 kHz
Low-pass Filter: 22 kHz
THD+N Filter: None

THD+N Ratio

Ch1 0.014309 %
Ch2 0.027856 %
Ch3 0.018902 %
Ch4 0.017000 %
Ch5 0.020205 %
Ch6 0.019998 %
Ch7 0.016461 %

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Signal Path1 : Frequency Response- Broadband 80Khz

Generator Level: 250.0 mVrms

Start Frequency: 10.0000 Hz

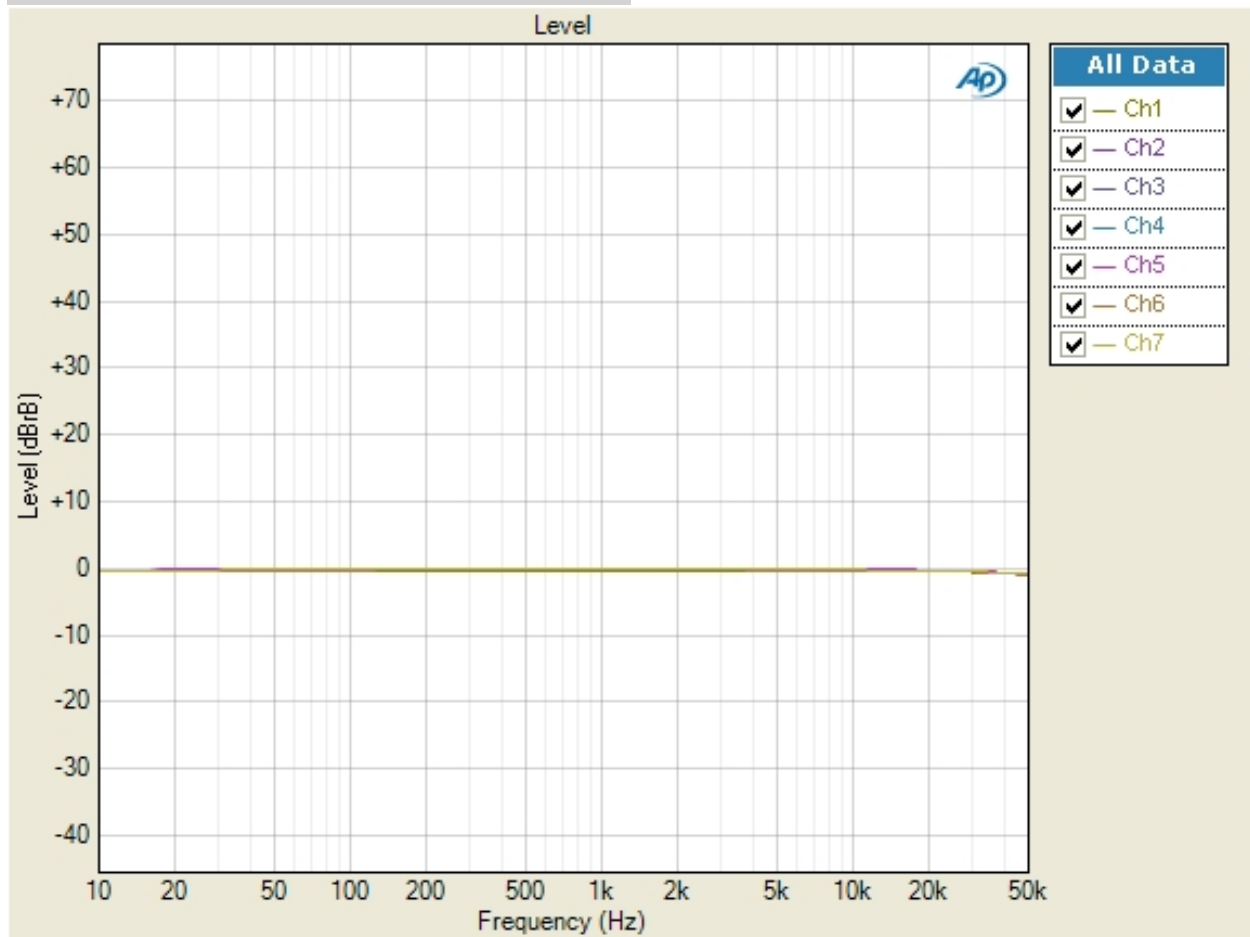
Stop Frequency: 80.0000 kHz

Sweep: 800.0 ms

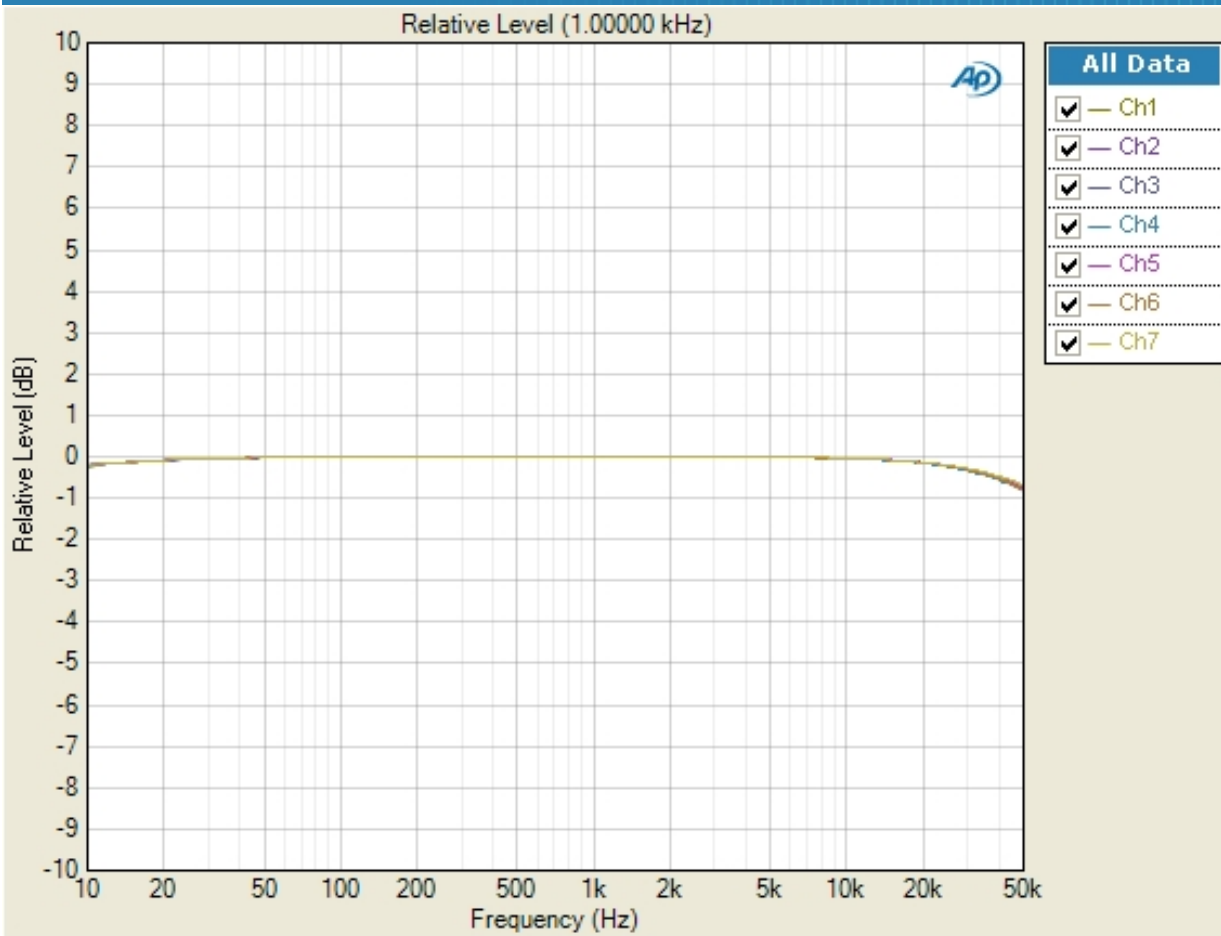
Pre-Sweep: 200.0 ms

Extend Acquisition By: 10.00 ms

Level



Relative Level (1.00000 kHz)



Relative Level (1.00000 kHz) Parameters

Ref Frequency: 1.00000 kHz

Deviation (20.0000 Hz - 20.0000 kHz)

Ch1 ±0.075 dB

Ch2 ±0.075 dB

Ch3 ±0.071 dB

Ch4 ±0.079 dB

Ch5 ±0.071 dB

Ch6 ±0.073 dB

Ch7 ±0.072 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 at rated power output

Waveform: Sine
Generator Level: 1.200 Vrms
Frequency: 1.00000 kHz
Low-pass Filter: 22 kHz
Noise Filter: A-wt. (20 - 20 kHz)

Signal to Noise Ratio

Ch1 106.228 dB
Ch2 106.471 dB
Ch3 103.353 dB
Ch4 102.110 dB
Ch5 102.842 dB
Ch6 103.379 dB
Ch7 105.538 dB

Signal Path1 : Crosstalk

Waveform: Sine
Generator Level: 500.0 mVrms
Frequency: 1.00000 kHz

Crosstalk

Ch1 -86.182 dB
Ch2 -84.755 dB
Ch3 -79.141 dB
Ch4 -74.807 dB
Ch5 -73.767 dB
Ch6 -69.526 dB
Ch7 -66.010 dB

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Signal Path1 : Signal to Noise Ratio at 1 watt output

Waveform: Sine
Generator Level: 55.00 mVrms
Frequency: 1.00000 kHz
Low-pass Filter: 22 kHz
Noise Filter: None

Signal to Noise Ratio

Ch1 78.220 dB
Ch2 78.544 dB
Ch3 75.918 dB
Ch4 74.857 dB
Ch5 75.676 dB
Ch6 76.067 dB
Ch7 78.041 dB

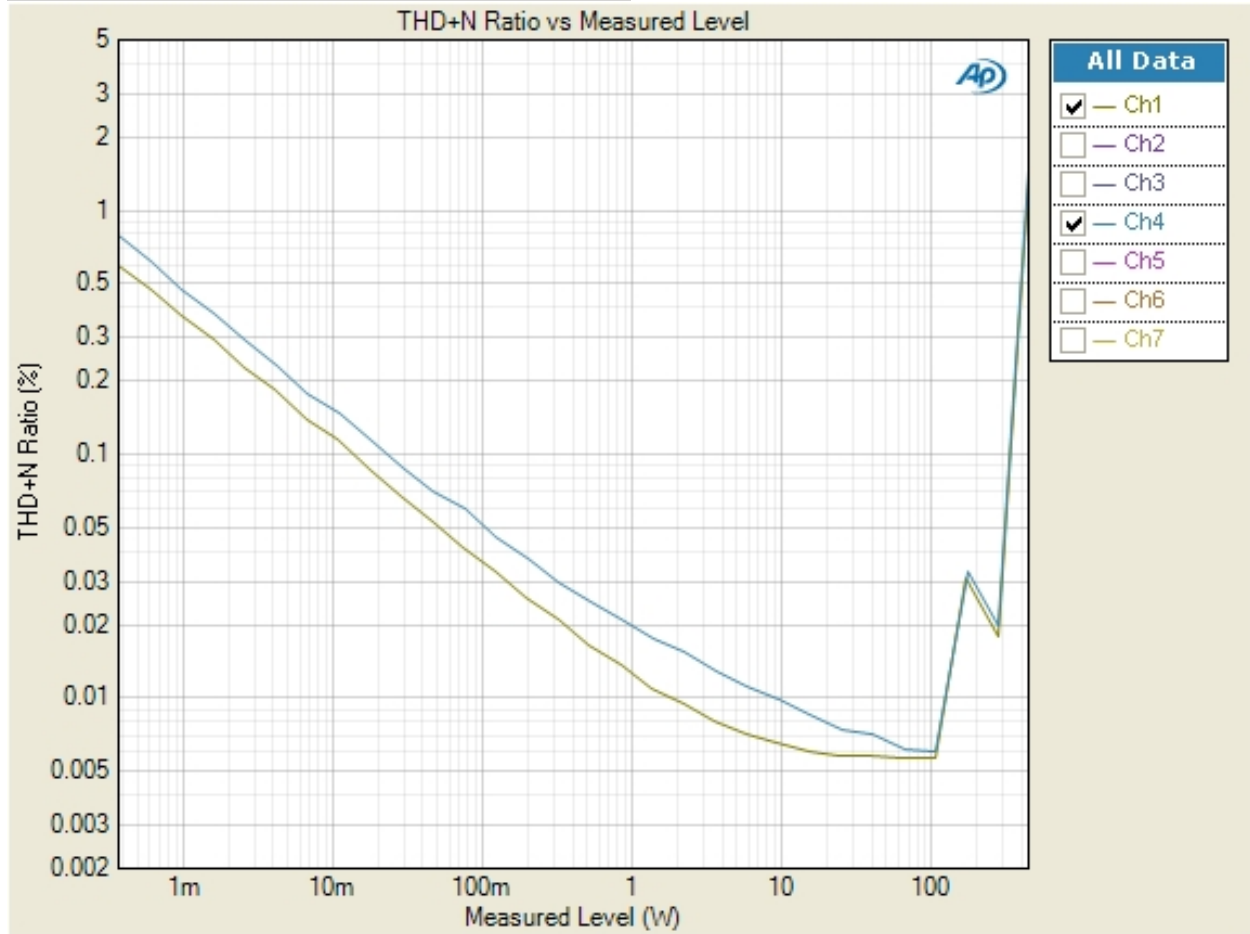
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Signal Path1 : THD vs. power output

Waveform: Sine
Frequency: 1.00000 kHz
Start Level: 1.000 mVrms
Stop Level: 1.100 Vrms
Step Type: Logarithmic
Number of Points: 30
Low-pass Filter: 22 kHz
THD+N Filter: None

THD+N Ratio vs Measured Level



Sequence Report



Signal Path1 : Amplifier response across the audio bandwidth

Generator Level: 1.150 Vrms
Start Frequency: 30.0000 kHz
Stop Frequency: 20.0000 Hz
Number of Points: 31
Step Type: Logarithmic
Low-pass Filter: 30 kHz
THD+N Filter: None
Phase Ref Channel: Ch1

Level

