

Sequence Report



Summary

Unbalanced - 22.4 kHz BW

Signal Path Setup	✓ PASSED
THD+N	✓ PASSED
THD+N	✓ PASSED
Stepped Level Sweep	✓ PASSED
Multitone Analyzer	✓ PASSED

Unbalanced - 60 kHz BW

Stepped Frequency Sweep	✓ PASSED
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Sequence Result:

Sequence Result: ✓ PASSED

Unbalanced - 22.4 kHz BW : Signal Path Setup

Output Connector: Analog Unbalanced
 Channels: 2
 Source Impedance: 20 ohm
 Output EQ: None
 Input Connector: Analog Unbalanced
 Channels: 2
 Termination: 100 kohm
 Input Bandwidth: DC - 22.4k (48 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.

Sequence Report



Unbalanced - 22.4 kHz BW : Verify Connections

Waveform: Sine
Generator Level: 2.000 Vrms
DC Offset: 0.000 V
Frequency: 1.00000 kHz

Gain (5/18/2017 21:45:42.756)

Channel	Lower Limit	Value	Upper Limit	
Ch1	-0.100 dB	-0.010 dB	0.100 dB	✓
Ch2	-0.100 dB	-0.028 dB	0.100 dB	✓

Result: ✓ PASSED

Unbalanced - 22.4 kHz BW : THD+N

Waveform: Sine
Generator Level: 2.000 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 (5/18/2017 21:45:45.400)

Ch1 0.000330 %
Ch2 0.000268 %

THD Ratio (5/18/2017 21:45:45.400)

Ch1 0.000178 %
Ch2 0.000089 %

Noise Level (5/18/2017 21:45:45.400)

Ch1 5.478 uVrms
Ch2 5.056 uVrms

Sequence Report



Unbalanced - 22.4 kHz BW : 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: A-wt.
High-pass Filter: 20 Hz
Notch Tuning Mode: Measured Frequency

Noise Level (5/18/2017 21:45:48.424)

Ch1 0.943 uVrms

Ch2 0.963 uVrms

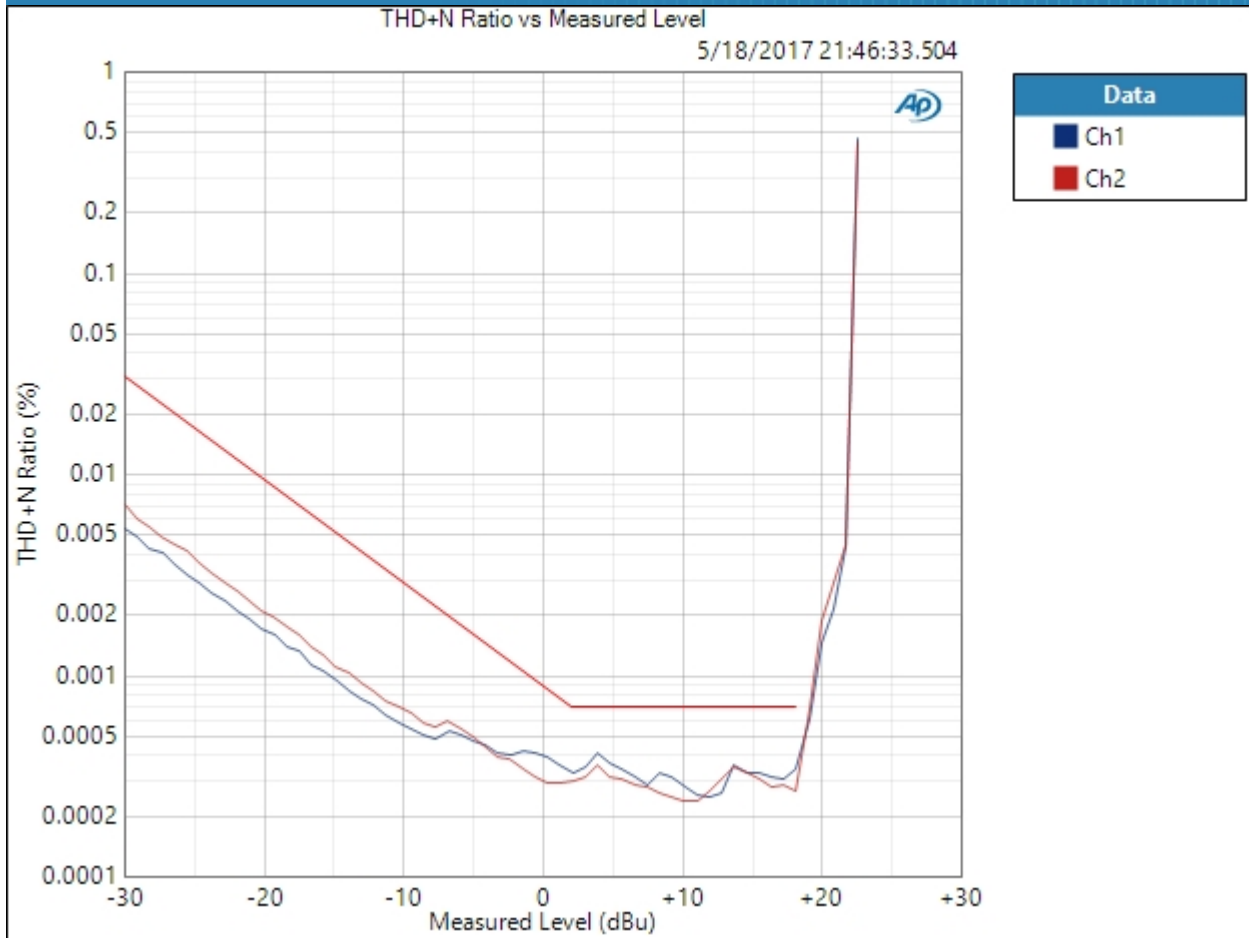
Sequence Report



Unbalanced - 22.4 kHz BW : Stepped Level Sweep

Waveform: Sine
Generator Level: 100.0 mVrms
DC Offset: 0.000 V
Frequency: 1.00000 kHz
Start Level: -30.000 dBu
Stop Level: +22.500 dBu
Step Type: Linear
Number of Points: 60
Step Size: +0.890 dBu
Offset: 0.000 V
Low-pass Filter: 20 kHz
Weighting Filter: Signal Path
High-pass Filter: 20 Hz
Notch Tuning Mode: Generator Frequency
Measured 1 5/18/2017 21:46:33

THD+N Ratio vs Measured Level (5/18/2017 21:46:33.504)



Ch1 PASSED

Ch2 PASSED

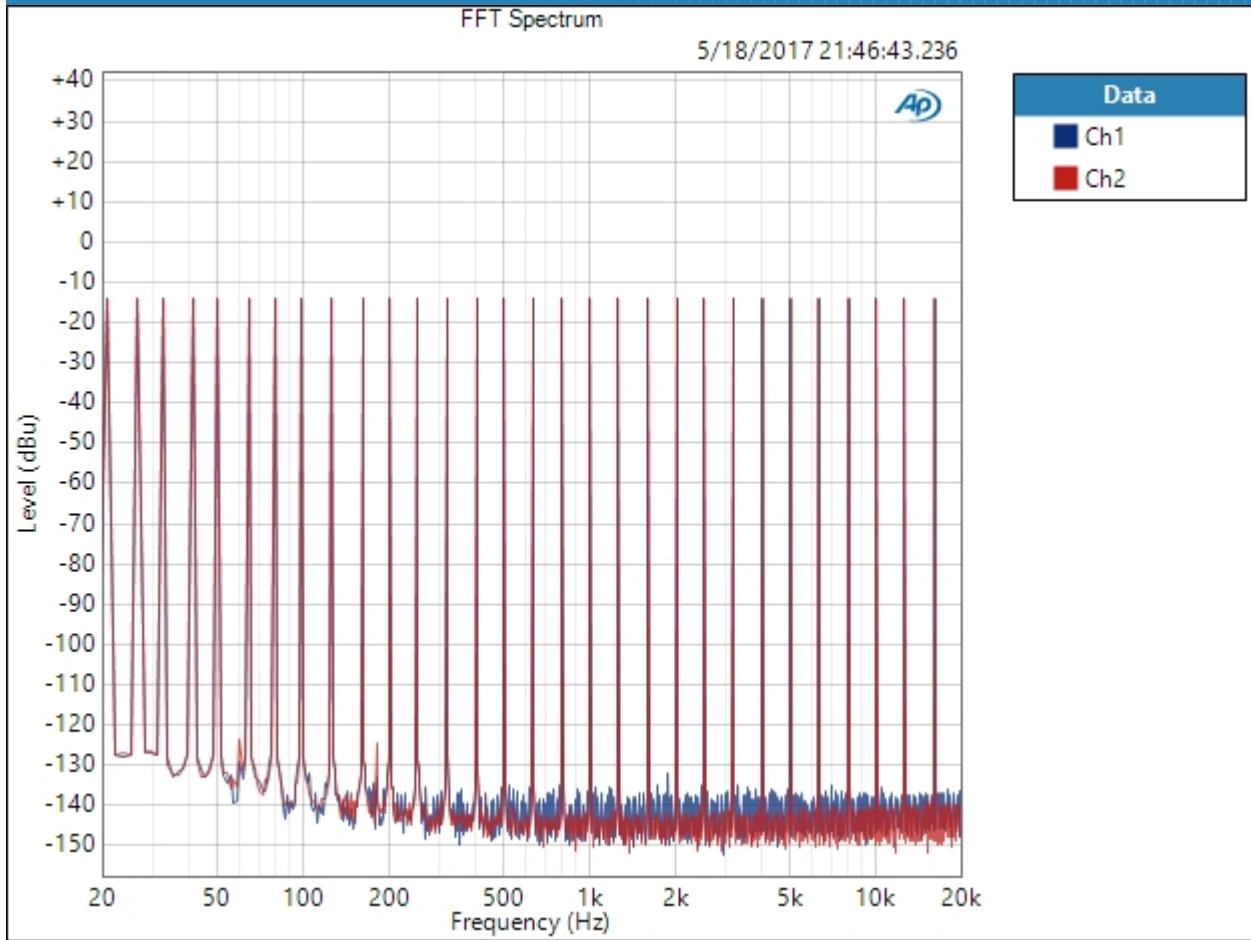
Result: PASSED

Sequence Report



Unbalanced - 22.4 kHz BW : Multitone Analyzer
Generator Level: 2.000 Vrms
DC Offset: 0.000 V
Name: APx 32-tone
Sample Rate: 192.000 kHz
Length: 65536
Min Frequency: 14.6484 Hz
Max Frequency: 20.0010 kHz
Step Type: Custom
Tones: 32
Crest Factor: 4.481 x/y / 13.028 dB
TD+N Filter: Signal Path
Averages: 8
Phase Ref Channel: Ch1
Trigger: Free Run
Trigger Delay: 200.0 ms
Frequency Correction: Disabled
Skirt Width: 1.00 %
Record Acquisition: False
Measured 1 5/18/2017 21:46:43

FFT Spectrum (5/18/2017 21:46:43.236)



Result:  PASSED

Unbalanced - 60 kHz BW : Signal Path Setup

Output Connector: Analog Unbalanced
 Channels: 2
 Source Impedance: 20 ohm
 Output EQ: None
 Input Connector: Analog Unbalanced
 Channels: 2
 Termination: 100 kohm
 Input Bandwidth: AC (<10 Hz) - 60.0000 kHz
 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



Unbalanced - 60 kHz BW : Stepped Frequency Sweep

Generator Level: 2.000 Vrms

DC Offset: 0.000 V

EQ: None

Start Frequency: 20.0000 kHz

Stop Frequency: 20.0000 Hz

Step Type: Logarithmic

Number of Points: 60

Low-pass Filter: 60 kHz

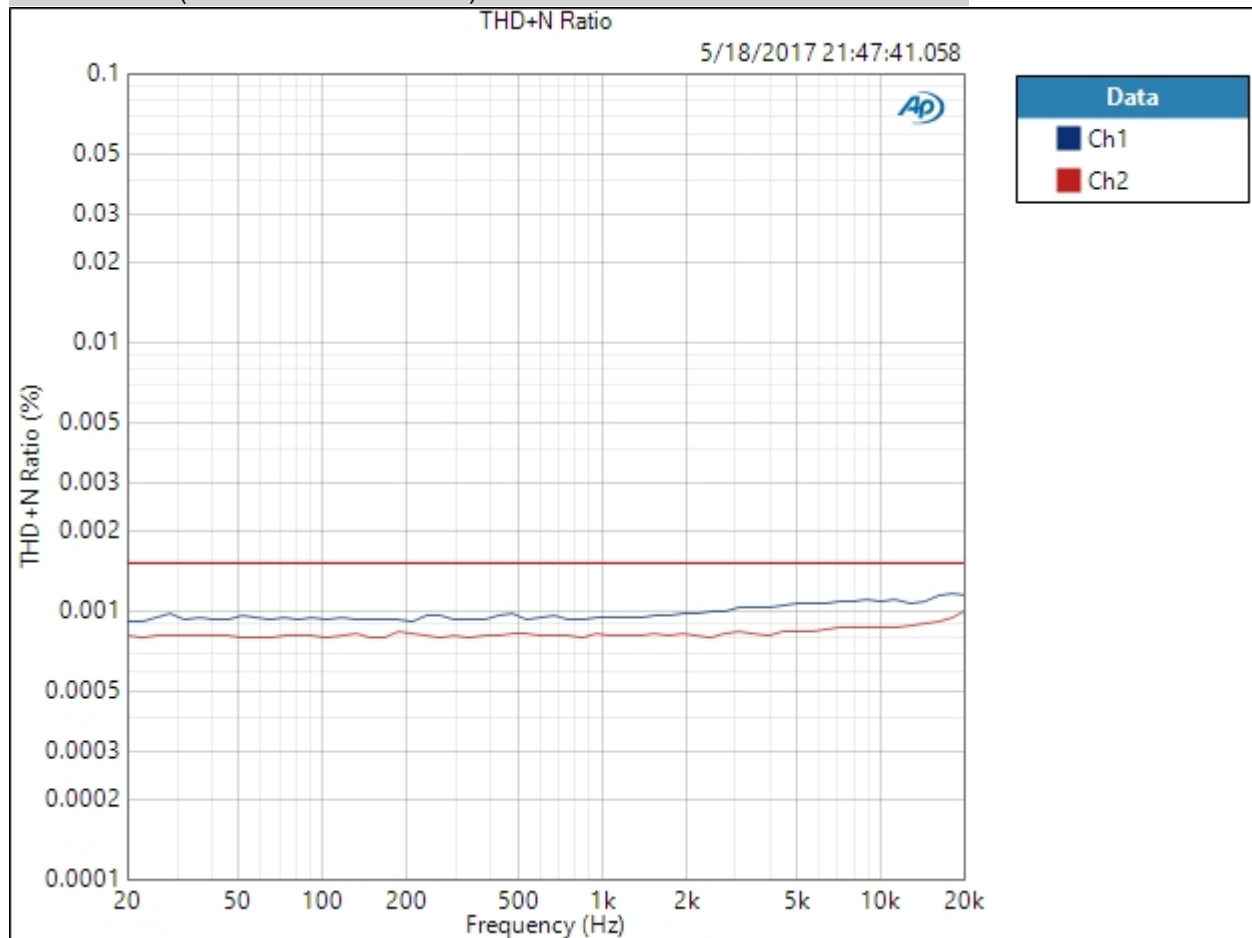
Weighting Filter: Signal Path

High-pass Filter: 20 Hz

Phase Ref Channel: Ch1

Measured 1 5/18/2017 21:47:41

THD+N Ratio (5/18/2017 21:47:41.058)



Sequence Report

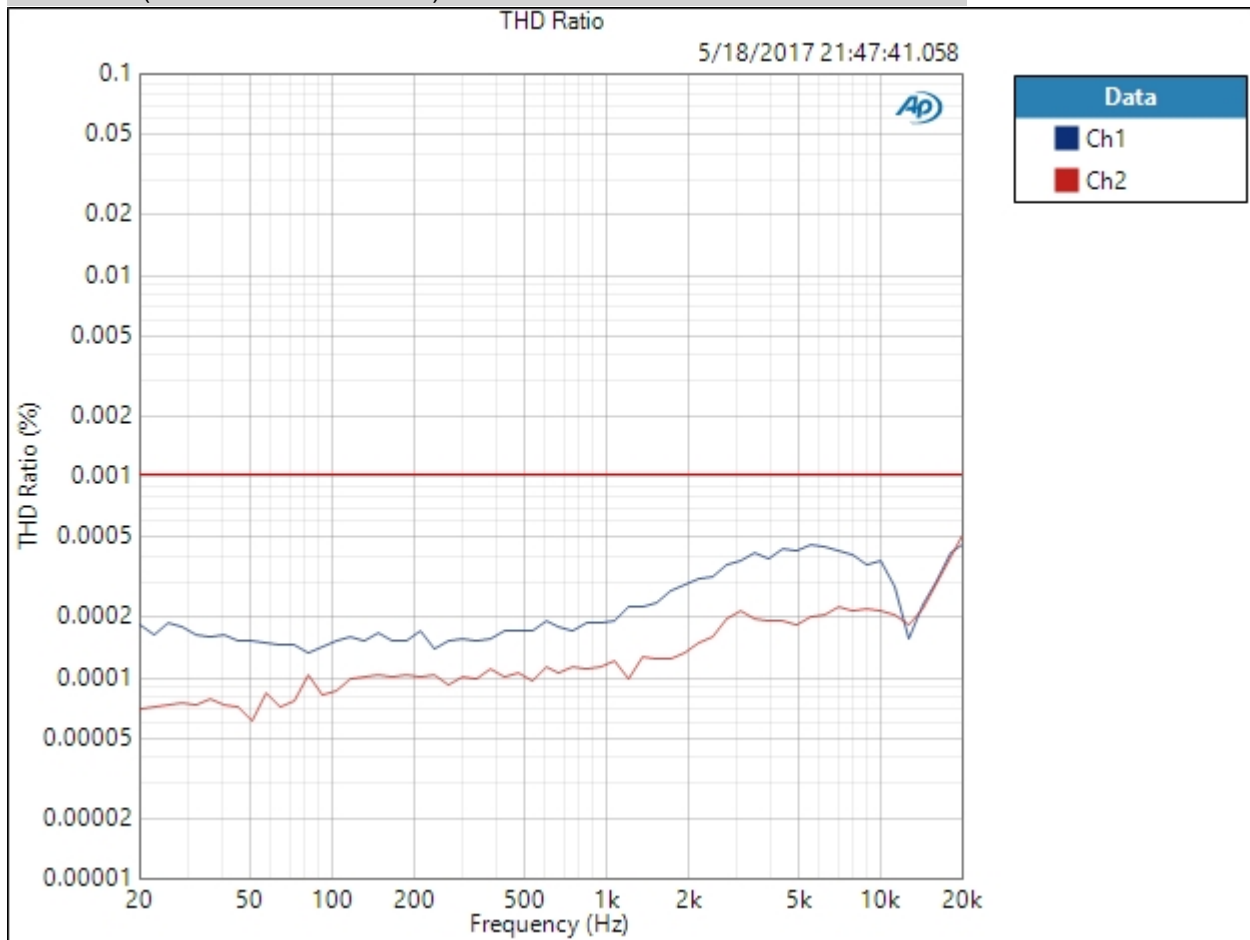


Ch1 ✔ PASSED

Ch2 ✔ PASSED

Result: ✔ PASSED

THD Ratio (5/18/2017 21:47:41.058)



Ch1 ✔ PASSED

Ch2 ✔ PASSED

Result: ✔ PASSED