Schiit DAC APx555 Standard Test Suite: Fulla 3

Notes:

This is a test of a representative production line sample. If you have difficulties reproducing these results, check your analyzer set-up and ancillary equipment carefully. ensure your analyzer has had a recent calibration, and contact the analyzer manufacturer for help if necessary. If you still have significantly different results, please contact info@schiit.com with a copy of your results so we can bring back your product and check it against our standard.

Summary

Headphone Out, 300 Ohm	
Level and Gain	PASSED
DC Level	PASSED
Signal Analyzer	PASSED
Frequency Response	PASSED
Signal to Noise Ratio	PASSED
THD+N	PASSED
IMD Level Sweep (CCIF)	PASSED
IMD Frequency Sweep (CCIF)	PASSED
Crosstalk, One Channel Undriven	PASSED
Stepped Level Sweep	PASSED
Headphone Out, 32 Ohm	
Level and Gain	PASSED
DC Level	PASSED
Signal Analyzer	PASSED
Frequency Response	PASSED
Signal to Noise Ratio	PASSED
THD+N	PASSED
IMD Level Sweep (CCIF)	PASSED
IMD Frequency Sweep (CCIF)	PASSED
Crosstalk, One Channel Undriven	PASSED
Stepped Level Sweep	PASSED
Line Out	
Level and Gain	PASSED
DC Level	PASSED
Signal Analyzer	PASSED
Frequency Response	PASSED
Signal to Noise Ratio	PASSED
THD+N	PASSED
IMD Level Sweep (CCIF)	PASSED
IMD Frequency Sweep (CCIF)	PASSED
Crosstalk, One Channel Undriven	PASSED
Crosstalk Sweep, One Channel Driven	PASSED

Bandpass Level Sweep	PASSED

Sequence Result:

Sequence Result:	PASSED

APx Instrument

Instrument ID:	11571
Calibration Date:	5/8/2018
APx Version:	5.0.0.105.133644

Headphone Out, 300 Ohm : Signal Path Setup

Output Connector:	ASIO
Output Sample Rate:	48.0000 kHz
Output EQ:	None
Input Connector:	Analog Unbalanced
Channels:	2
Termination:	300 ohm
High Performance Sine Analyzer:	Enabled
Input Bandwidth:	AC (<10 Hz) - 22.4k (48 kHz SR)
Device Delay:	0.000 s
Input EQ:	None

• References

dBr G:	-20.000 dBFS
Shared Frequency Reference:	1.00000 kHz
dBrA:	1.000 Vrms
dBrB:	1.000 Vrms
dBrA Offset:	0.000 dB
dBrB Offset:	0.000 dB
dBSPL1:	10.00 mVrms
dBSPL2:	10.00 mVrms
dBSPL1 Calibrator Level:	94.000 dBSPL
dBSPL2 Calibrator Level:	94.000 dBSPL
dBm (Input Power):	600.0 ohm
W(watts) (Input Power):	8.000 ohm

• DCX

DCX is not detected.

• Clocks

Output Rate:	Track Output SR
Sync Out Level:	3.300 V
Sync Out Polarity:	Normal
Timebase Reference:	Internal
Jitter:	Disabled

• Triggers

Source:	Off
Input Logic Level:	3.300 V

Edge: Rising

Headphone Out, 300 Ohm : Level and Gain

Waveform: Sine

Generator Level: -14.000 dBFS

DC Offset: 0.000 D

Frequency: 1.00000 kHz

RMS Level (9/25/2019 1:53:37.431 PM)

Ch1 0.976 Vrms

Ch2 0.964 Vrms

Headphone Out, 300 Ohm : DC Level

Waveform: Sine

Generator Level: -∞ dBFS

DC Offset: 0.000 D

Frequency: 1.00000 kHz

Delay Time: 100.0 ms

Acquisition Time: 333.0 ms

DC Level (9/25/2019 1:53:38.611 PM)

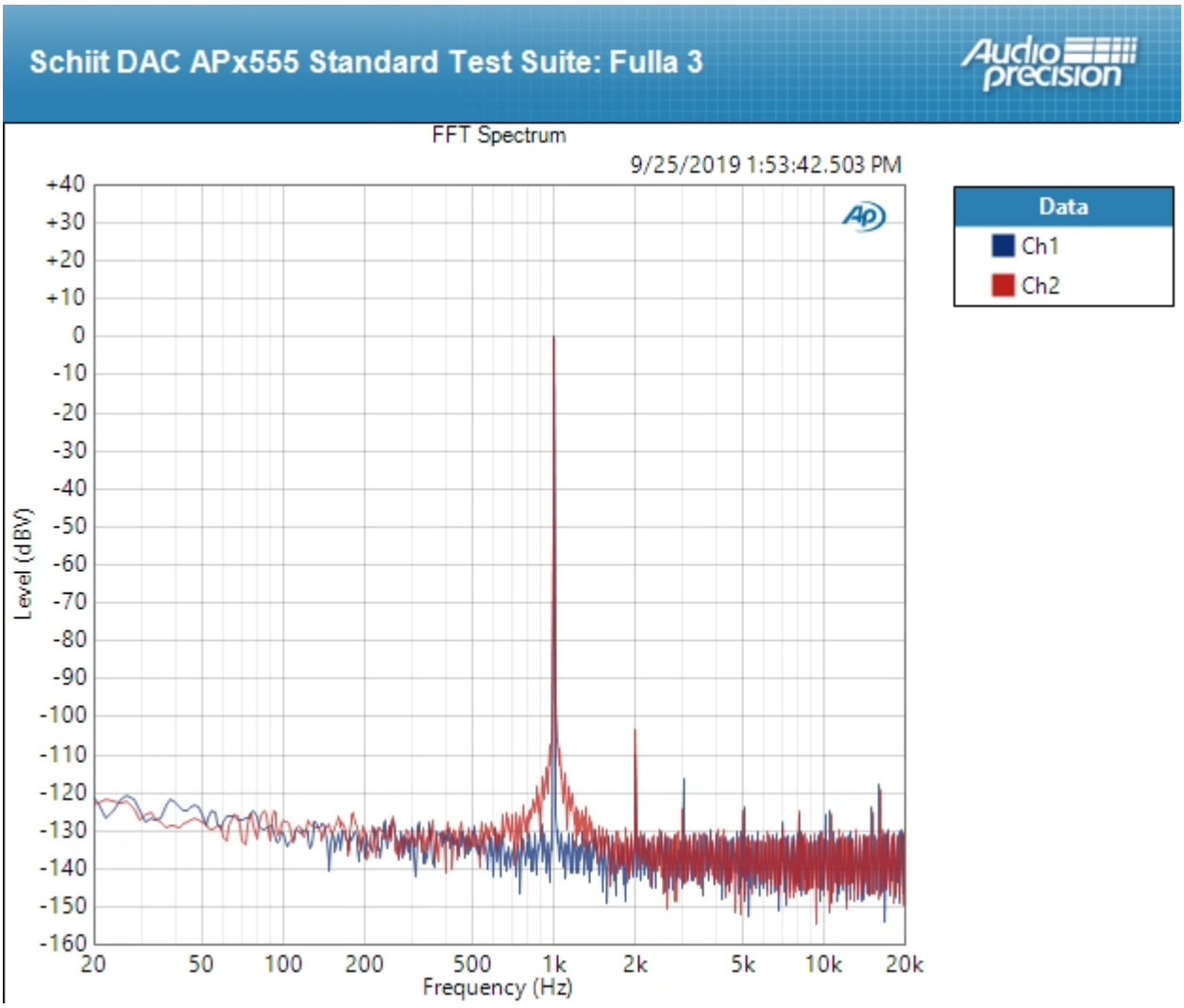
Ch1 -7.906 mV

Ch2 -9.540 mV

Headphone Out, 300 Ohm : Signal Analyzer

Waveform:	Sine
Generator Level:	-14.000 dBFS
DC Offset:	0.000 D
Frequency:	1.00000 kHz
Secondary Source:	None
Measured 1	9/25/2019 1:53:42 PM
Acquisition Type:	Auto
Trigger:	Free Run
Delay Time:	250.0 ms
Input Bandwidth:	Use Signal Path
FFT Length:	32K
Averaging:	Power
Averages:	3
Window:	AP-Equiripple
Record Acquisition:	False
Recording Type:	Multiple Mono PCM (.wav)

FFT Spectrum (9/25/2019 1:53:42.503 PM)

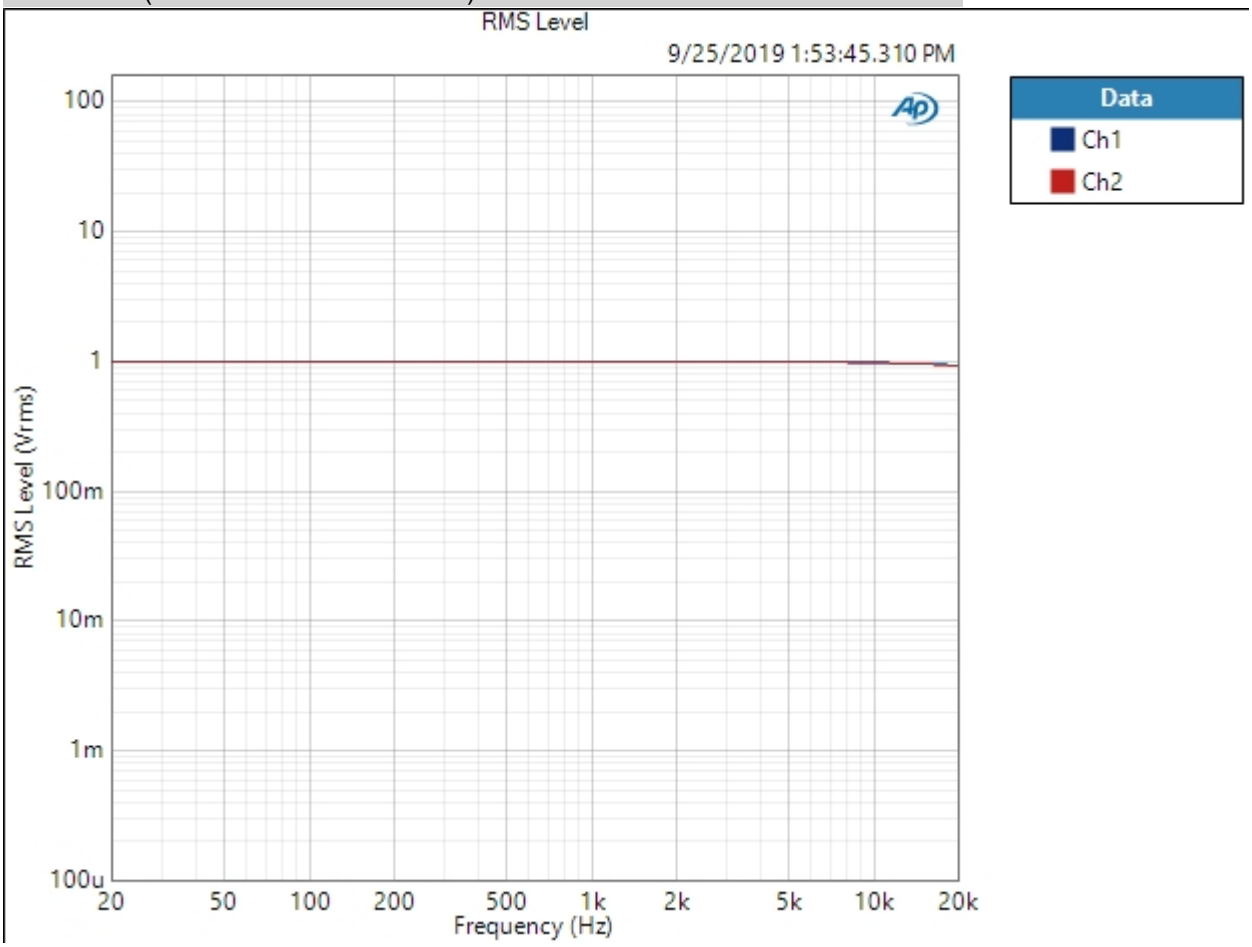


Result: PASSED

Headphone Out, 300 Ohm : Frequency Response

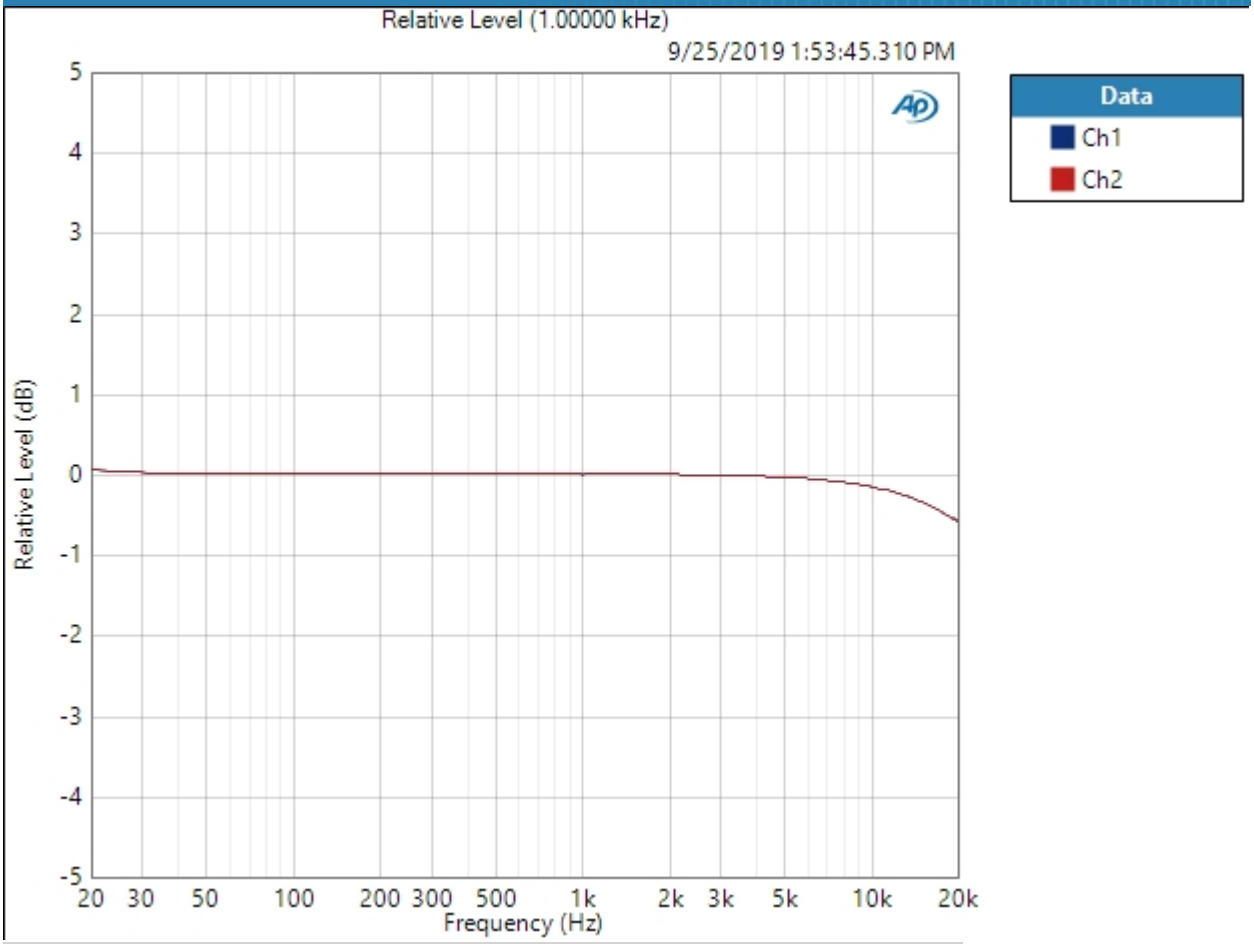
Start Frequency:	20.0000 Hz
Stop Frequency:	20.0000 kHz
Generator Level:	-14.000 dBFS
DC Offset:	0.000 D
EQ:	None
Pre-Sweep:	100.0 ms
Sweep:	350.0 ms
Extend Acquisition By:	500.0 ms
Secondary Source:	None
Measured 1	9/25/2019 1:53:45 PM

RMS Level (9/25/2019 1:53:45.310 PM)



Result: PASSED

Relative Level (1.00000 kHz) (9/25/2019 1:53:45.310 PM)



Relative Level (1.00000 kHz) Parameters

Mode: Normalized at Reference

Ref Frequency: 1.00000 kHz

Result: PASSED

Deviation (20.0000 Hz - 20.0000 kHz) (9/25/2019 1:53:45.310 PM)

Ch1 ±0.337 dB

Ch2 ±0.336 dB

Deviation (20.0000 Hz - 20.0000 kHz) Parameters

Min: 20.0000 Hz

Max: 20.0000 kHz

Headphone Out, 300 Ohm : Signal to Noise Ratio

Waveform:	Sine
Generator Level:	-4.500 dBFS
DC Offset:	0.000 D
Frequency:	1.00000 kHz
Low-pass Filter:	20 kHz
Weighting Filter:	Signal Path
High-pass Filter:	20 Hz

Signal to Noise Ratio (9/25/2019 1:53:47.390 PM)

Ch1 107.901 dB
Ch2 108.155 dB

Headphone Out, 300 Ohm : THD+N

Waveform:	Sine
Generator Level:	-14.000 dBFS
DC Offset:	0.000 D
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 (9/25/2019 1:53:49.682 PM)

Ch1 0.001253 %

Ch2 0.001578 %

THD Ratio (9/25/2019 1:53:49.682 PM)

Ch1 0.000448 %

Ch2 0.000985 %

Noise Ratio (9/25/2019 1:53:49.682 PM)

Ch1 0.001162 %

Ch2 0.001218 %

Distortion Product Ratio (9/25/2019 1:53:49.682 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	-109.51	-114.17	-126.09	-122.00	-129.22	-124.22	-128.32	-128.87	-132.46
	1.000k	2.000k	3.000k	4.000k	5.000k	6.000k	7.000k	8.000k	9.000k	10.00k
Ch2	-0.00	-100.46	-117.80	-126.36	-120.60	-124.36	-122.04	-125.62	-125.49	-127.27

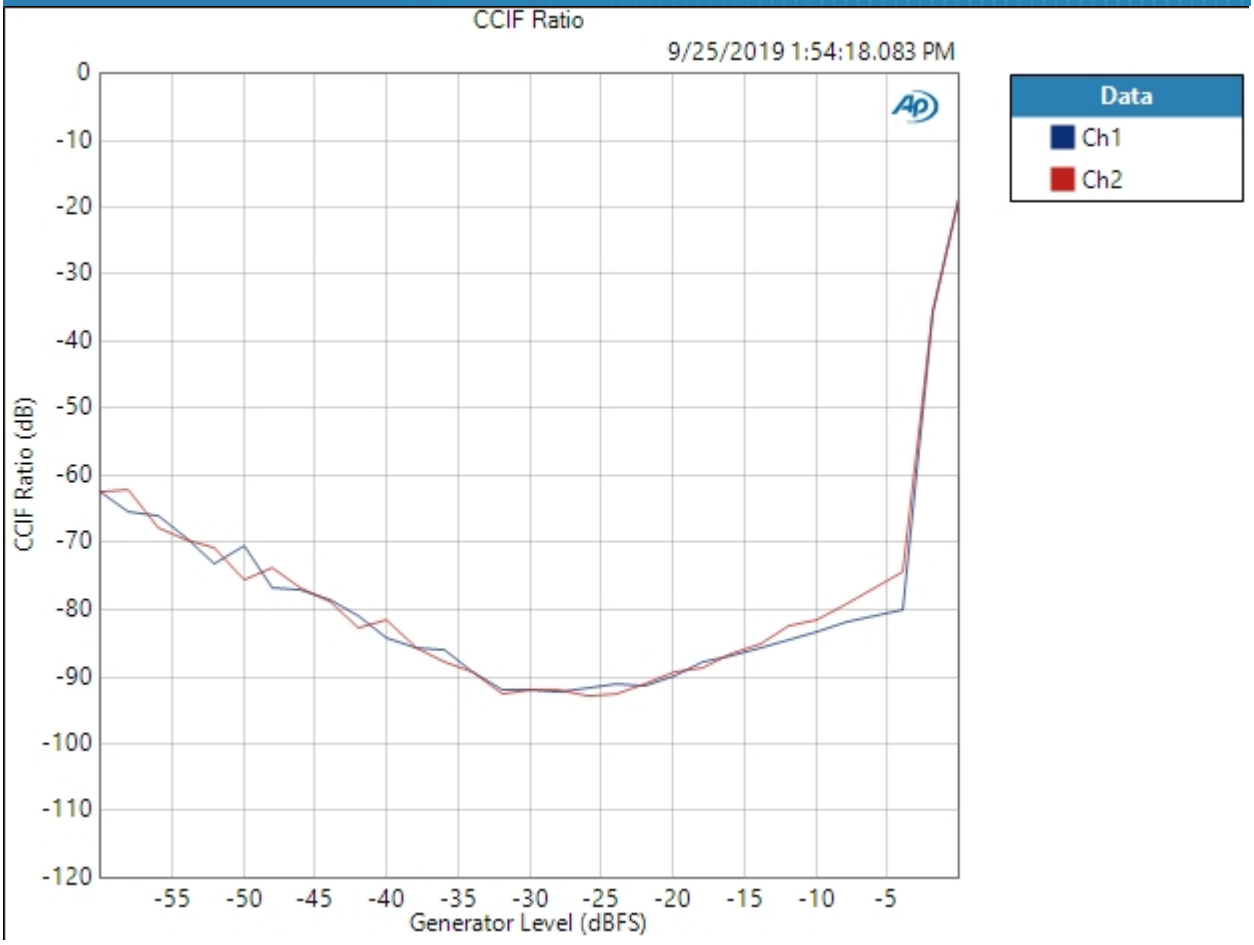
Distortion Product Ratio Parameters

Frequency Unit:	Hz
Ratio Unit:	dB

Headphone Out, 300 Ohm : IMD Level Sweep (CCIF)

IMD Type:	CCIF
Waveform:	IMD
Generator Level:	-0.000 dBFS
DC Offset:	0.000 D
Mean Frequency:	12.5000 kHz
Diff Frequency:	80.0000 Hz
IMD Split:	False
Start Level:	-60.000 dBFS
Stop Level:	-0.000 dBFS
Step Type:	Linear
Number of Points:	31
Step Size:	+2.000 dBFS
Mode:	d2+d3
Measured 1	9/25/2019 1:54:18 PM

CCIF Ratio (9/25/2019 1:54:18.083 PM)

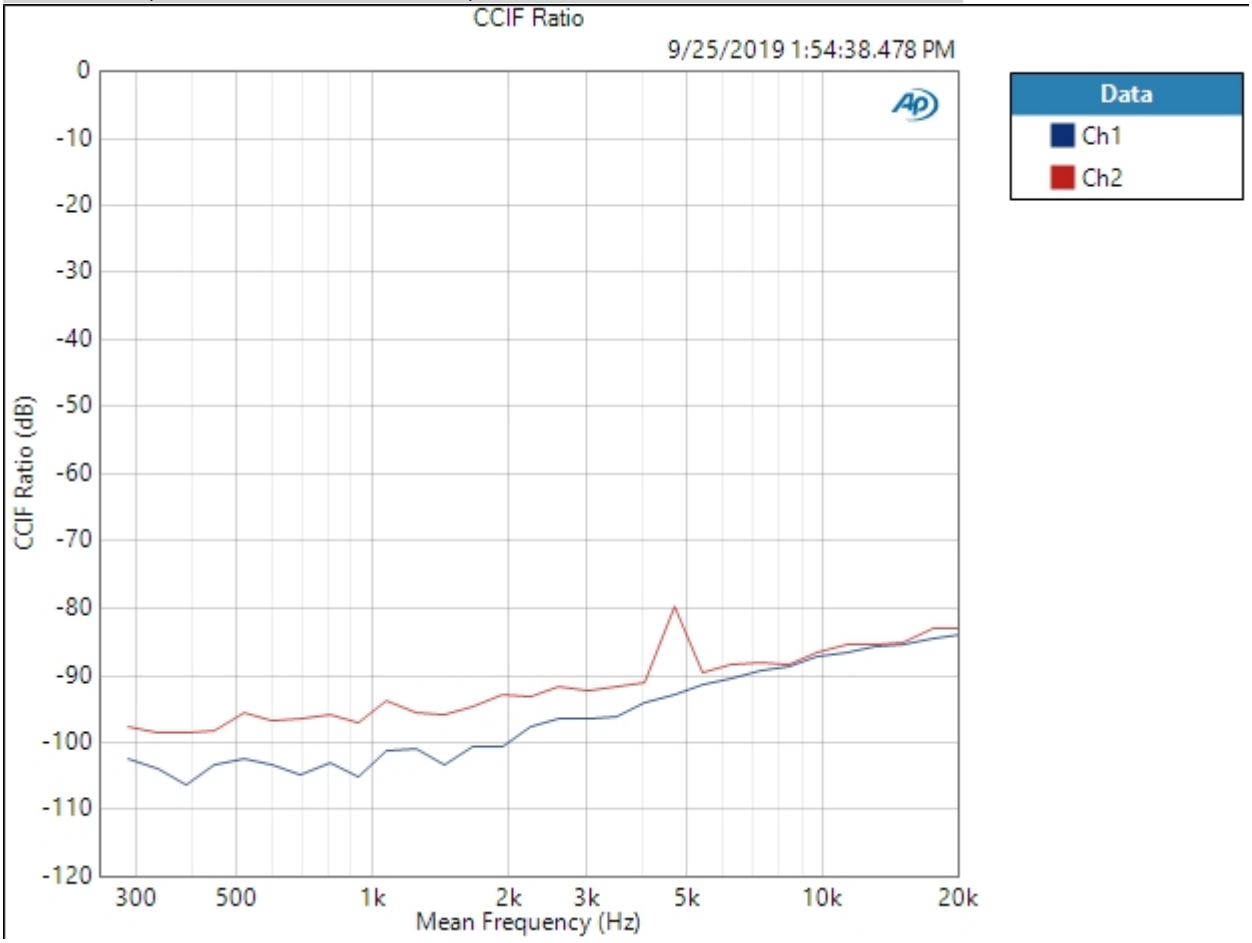


Result: PASSED

Headphone Out, 300 Ohm : IMD Frequency Sweep (CCIF)

Generator Level:	-14.000 dBFS
DC Offset:	0.000 D
Sweep Frequency:	Mean Frequency
Mean Frequency:	12.5000 kHz
Diff Frequency:	80.0000 Hz
IMD Split:	False
Start Frequency:	20.0000 kHz
Stop Frequency:	250.000 Hz
Step Type:	Logarithmic
Number of Points:	31
Mode:	d2+d3
Measured 1	9/25/2019 1:54:38 PM

CCIF Ratio (9/25/2019 1:54:38.478 PM)



Result: PASSED

Headphone Out, 300 Ohm : Crosstalk, One Channel Undriven

Waveform:	Sine
Generator Level:	-14.000 dBFS
DC Offset:	0.000 D
Frequency:	10.0000 kHz

Crosstalk (9/25/2019 1:54:40.746 PM)

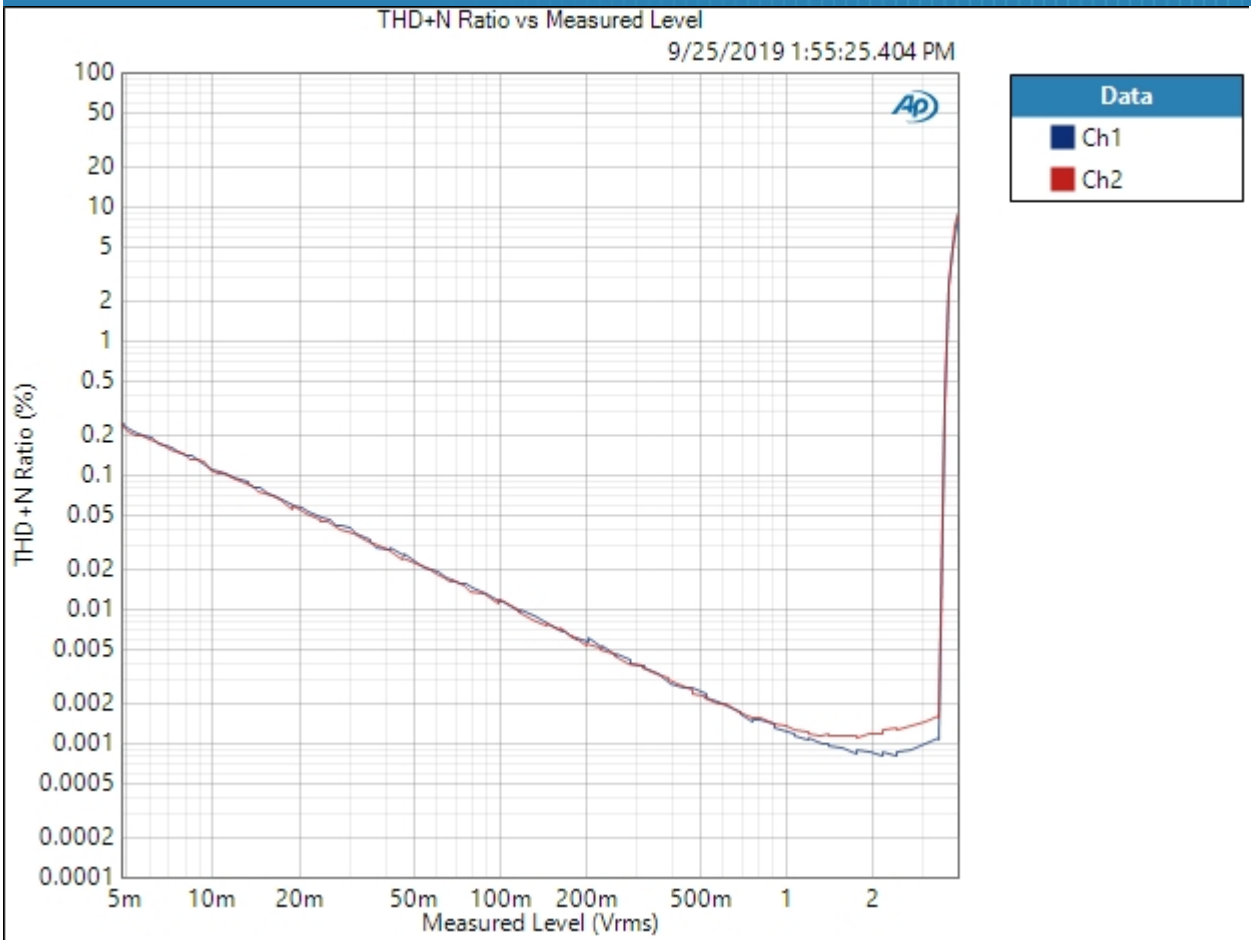
Ch1 83.736 dB

Ch2 89.452 dB

Headphone Out, 300 Ohm : Stepped Level Sweep

Waveform:	Sine
Generator Level:	-20.000 dBFS
DC Offset:	0.000 D
Frequency:	1.00000 kHz
Start Level:	-60.000 dBFS
Stop Level:	-0.000 dBFS
Step Type:	Linear
Number of Points:	127
Step Size:	+0.476 dBFS
Offset:	0.000 D
Low-pass Filter:	20 kHz
Weighting Filter:	Signal Path
High-pass Filter:	20 Hz
Notch Tuning Mode:	Generator Frequency
Measured 1	9/25/2019 1:55:25 PM

THD+N Ratio vs Measured Level (9/25/2019 1:55:25.404 PM)



Result: PASSED

Headphone Out, 32 Ohm : Signal Path Setup

Output Connector:	ASIO
Output Sample Rate:	48.0000 kHz
Output EQ:	None
Input Connector:	Analog Unbalanced
Channels:	2
Termination:	100 kohm
High Performance Sine Analyzer:	Enabled
Input Bandwidth:	AC (<10 Hz) - 22.4k (48 kHz SR)
Device Delay:	0.000 s
Input EQ:	None

• References

dBr G:	-20.000 dBFS
Shared Frequency Reference:	1.00000 kHz
dBrA:	1.000 Vrms
dBrB:	1.000 Vrms
dBrA Offset:	0.000 dB
dBrB Offset:	0.000 dB
dBSPL1:	10.00 mVrms
dBSPL2:	10.00 mVrms
dBSPL1 Calibrator Level:	94.000 dBSPL
dBSPL2 Calibrator Level:	94.000 dBSPL
dBm (Input Power):	600.0 ohm
W(watts) (Input Power):	8.000 ohm

• DCX

DCX is not detected.

• Clocks

Output Rate:	Track Output SR
Sync Out Level:	3.300 V
Sync Out Polarity:	Normal
Timebase Reference:	Internal
Jitter:	Disabled

• Triggers

Source:	Off
Input Logic Level:	3.300 V

Edge: Rising

Headphone Out, 32 Ohm : Level and Gain

Waveform: Sine

Generator Level: -13.000 dBFS

DC Offset: 0.000 D

Frequency: 1.00000 kHz

RMS Level (9/25/2019 1:48:24.431 PM)

Ch1 1.081 Vrms

Ch2 1.082 Vrms

Headphone Out, 32 Ohm : DC Level

Waveform: Sine

Generator Level: -∞ dBFS

DC Offset: 0.000 D

Frequency: 1.00000 kHz

Delay Time: 100.0 ms

Acquisition Time: 333.0 ms

DC Level (9/25/2019 1:48:25.603 PM)

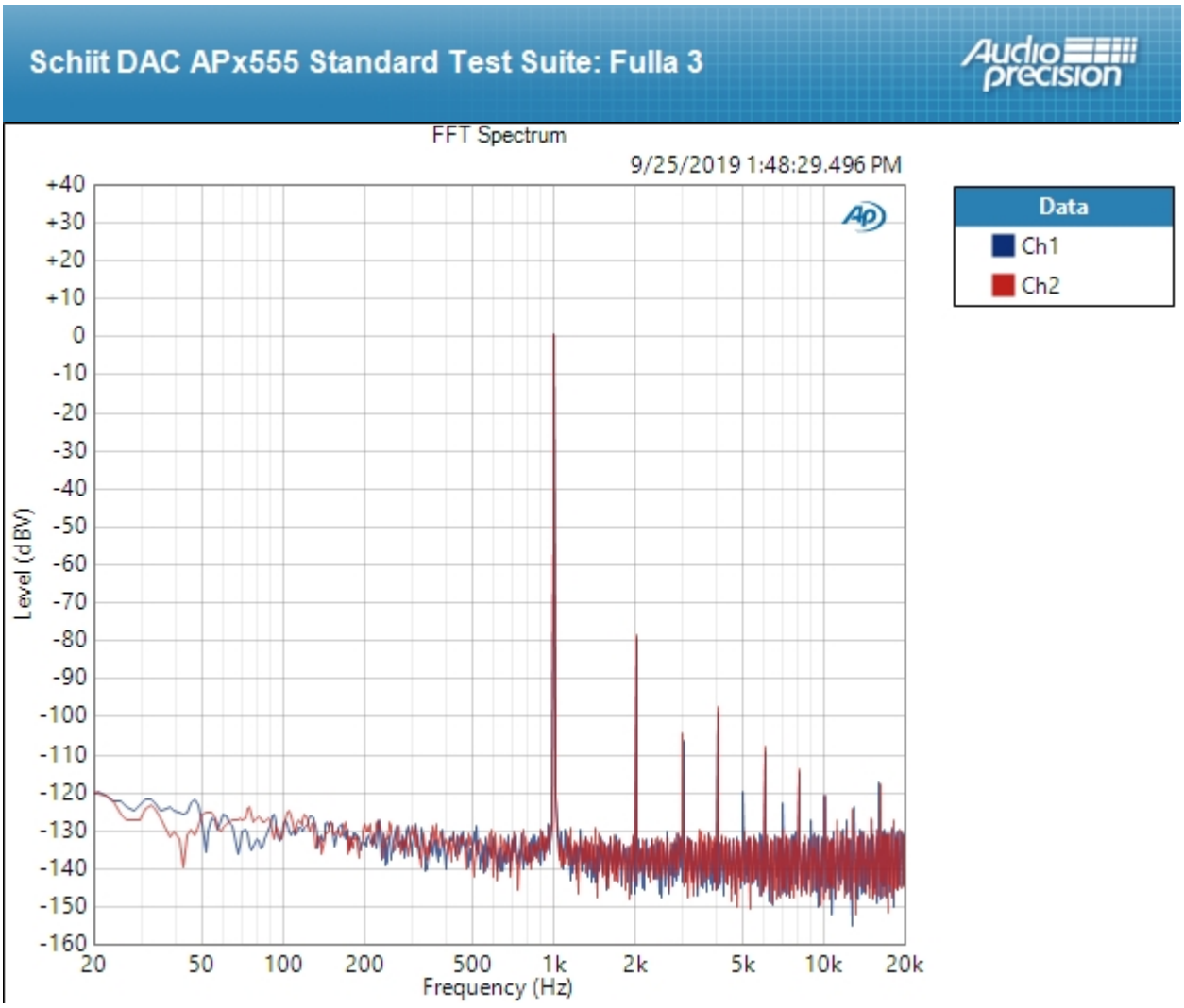
Ch1 -7.833 mV

Ch2 -9.542 mV

Headphone Out, 32 Ohm : Signal Analyzer

Waveform:	Sine
Generator Level:	-13.000 dBFS
DC Offset:	0.000 D
Frequency:	1.00000 kHz
Secondary Source:	None
Measured 1	9/25/2019 1:48:29 PM
Acquisition Type:	Auto
Trigger:	Free Run
Delay Time:	250.0 ms
Input Bandwidth:	Use Signal Path
FFT Length:	32K
Averaging:	Power
Averages:	3
Window:	AP-Equiripple
Record Acquisition:	False
Recording Type:	Multiple Mono PCM (.wav)

FFT Spectrum (9/25/2019 1:48:29.496 PM)

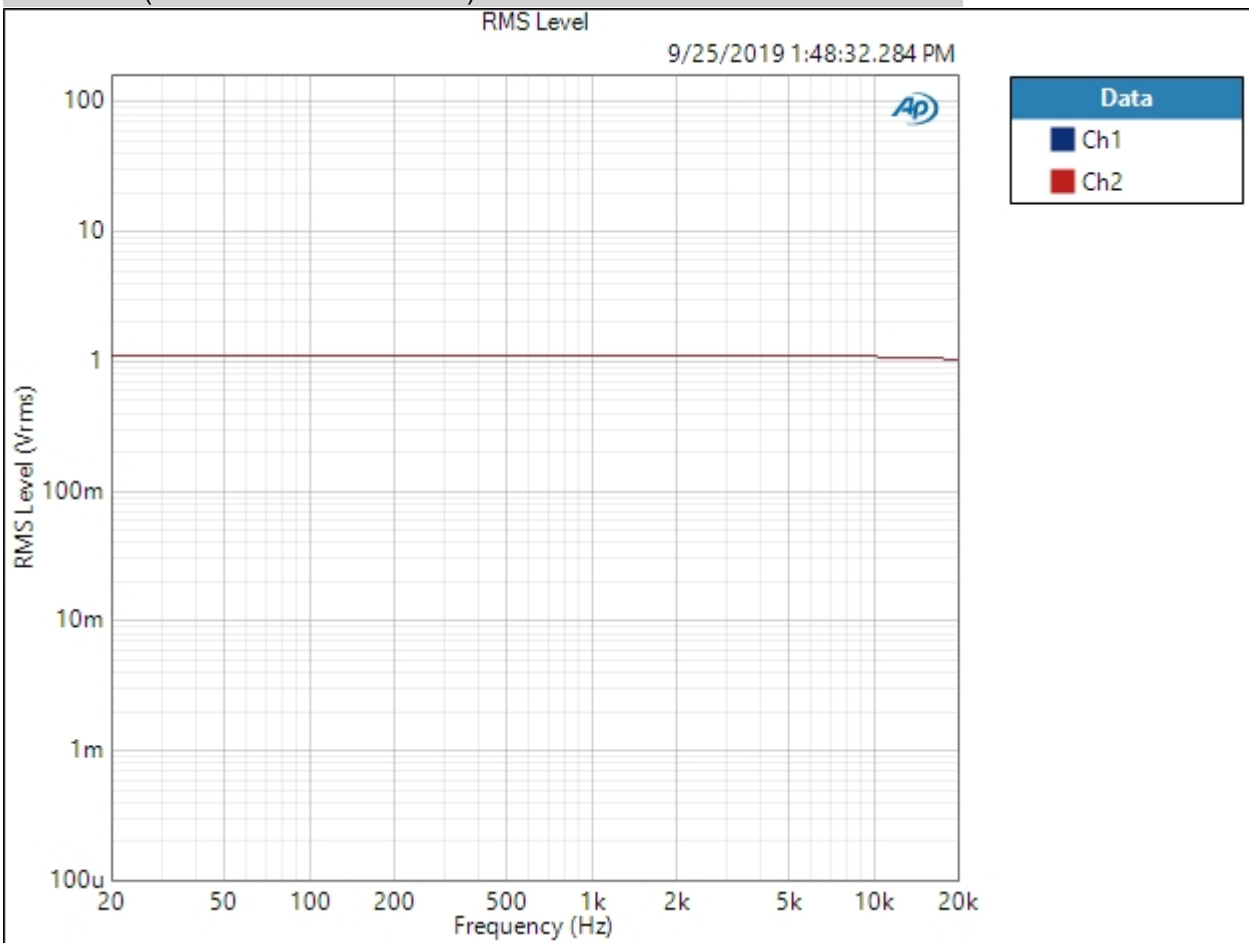


Result: PASSED

Headphone Out, 32 Ohm : Frequency Response

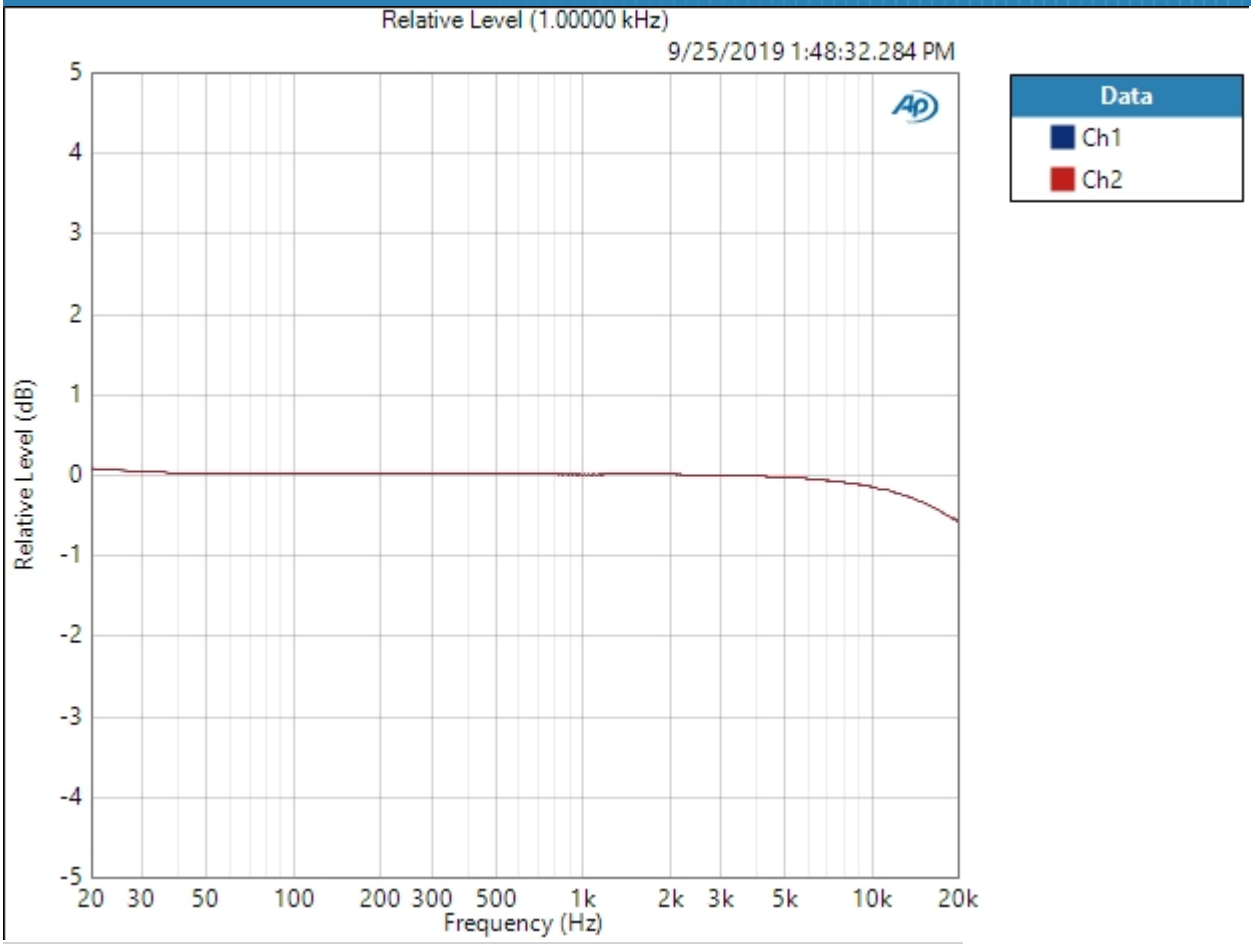
Start Frequency:	20.0000 Hz
Stop Frequency:	20.0000 kHz
Generator Level:	-13.000 dBFS
DC Offset:	0.000 D
EQ:	None
Pre-Sweep:	100.0 ms
Sweep:	350.0 ms
Extend Acquisition By:	500.0 ms
Secondary Source:	None
Measured 1	9/25/2019 1:48:32 PM

RMS Level (9/25/2019 1:48:32.284 PM)



Result: PASSED

Relative Level (1.00000 kHz) (9/25/2019 1:48:32.284 PM)



Relative Level (1.00000 kHz) Parameters

Mode: Normalized at Reference

Ref Frequency: 1.00000 kHz

Result: PASSED

Deviation (20.0000 Hz - 20.0000 kHz) (9/25/2019 1:48:32.284 PM)

Ch1 ±0.344 dB

Ch2 ±0.342 dB

Deviation (20.0000 Hz - 20.0000 kHz) Parameters

Min: 20.0000 Hz

Max: 20.0000 kHz

Headphone Out, 32 Ohm : Signal to Noise Ratio

Waveform:	Sine
Generator Level:	-4.500 dBFS
DC Offset:	0.000 D
Frequency:	1.00000 kHz
Low-pass Filter:	20 kHz
Weighting Filter:	Signal Path
High-pass Filter:	20 Hz

Signal to Noise Ratio (9/25/2019 1:48:34.408 PM)

Ch1 107.796 dB
Ch2 107.769 dB

Headphone Out, 32 Ohm : THD+N

Waveform:	Sine
Generator Level:	-14.000 dBFS
DC Offset:	0.000 D
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 (9/25/2019 1:48:36.696 PM)

Ch1 0.009575 %

Ch2 0.010754 %

THD Ratio (9/25/2019 1:48:36.696 PM)

Ch1 0.009501 %

Ch2 0.010682 %

Noise Ratio (9/25/2019 1:48:36.696 PM)

Ch1 0.001164 %

Ch2 0.001148 %

Distortion Product Ratio (9/25/2019 1:48:36.696 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	-80.51	-107.72	-99.91	-118.68	-111.91	-123.68	-117.08	-126.41	-124.20
	1.000k	2.000k	3.000k	4.000k	5.000k	6.000k	7.000k	8.000k	9.000k	10.00k
Ch2	-0.00	-79.50	-105.08	-98.47	-125.81	-109.60	-124.98	-116.81	-122.49	-123.17

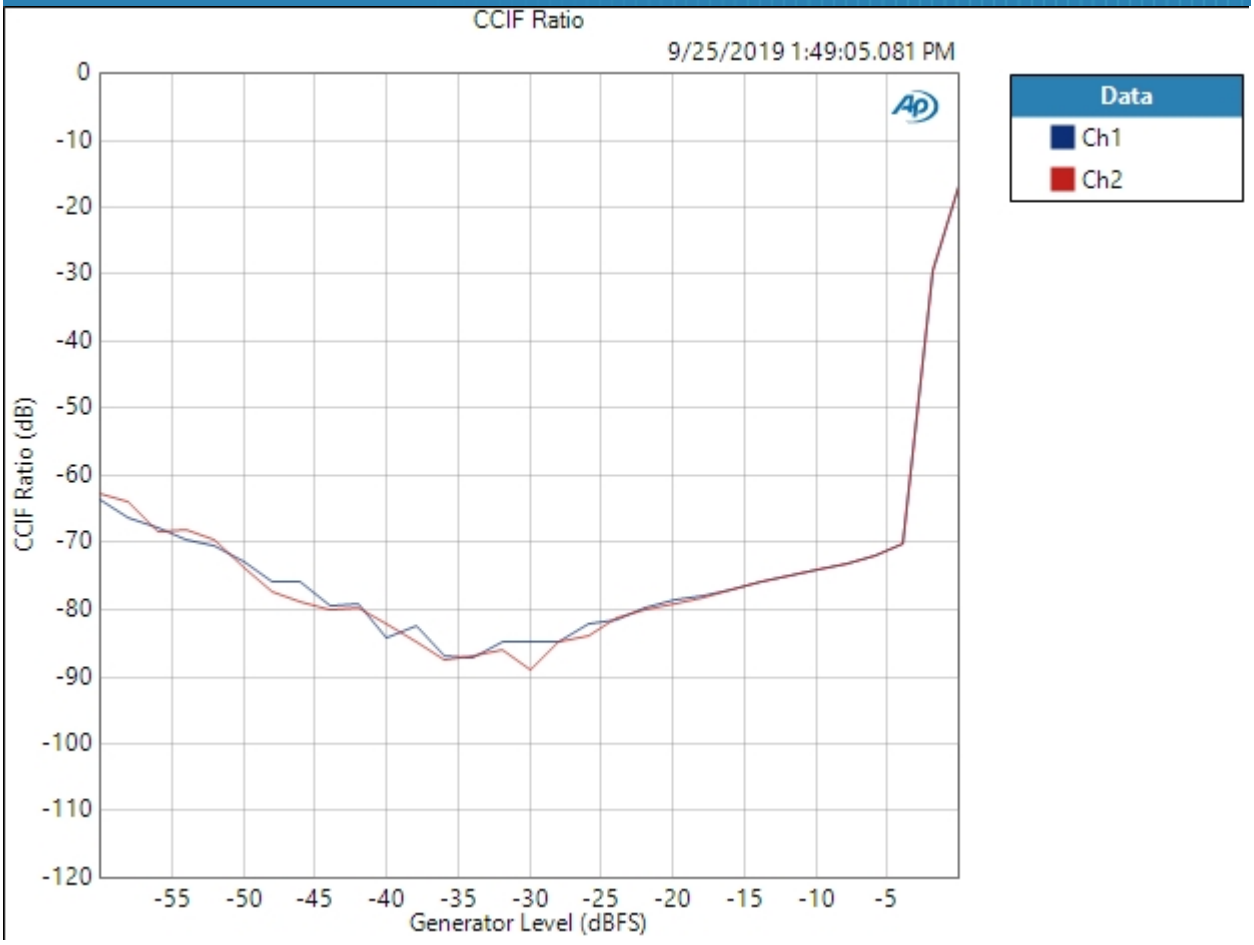
Distortion Product Ratio Parameters

Frequency Unit:	Hz
Ratio Unit:	dB

Headphone Out, 32 Ohm : IMD Level Sweep (CCIF)

IMD Type:	CCIF
Waveform:	IMD
Generator Level:	-0.000 dBFS
DC Offset:	0.000 D
Mean Frequency:	12.5000 kHz
Diff Frequency:	80.0000 Hz
IMD Split:	False
Start Level:	-60.000 dBFS
Stop Level:	-0.000 dBFS
Step Type:	Linear
Number of Points:	31
Step Size:	+2.000 dBFS
Mode:	d2+d3
Measured 1	9/25/2019 1:49:05 PM

CCIF Ratio (9/25/2019 1:49:05.081 PM)

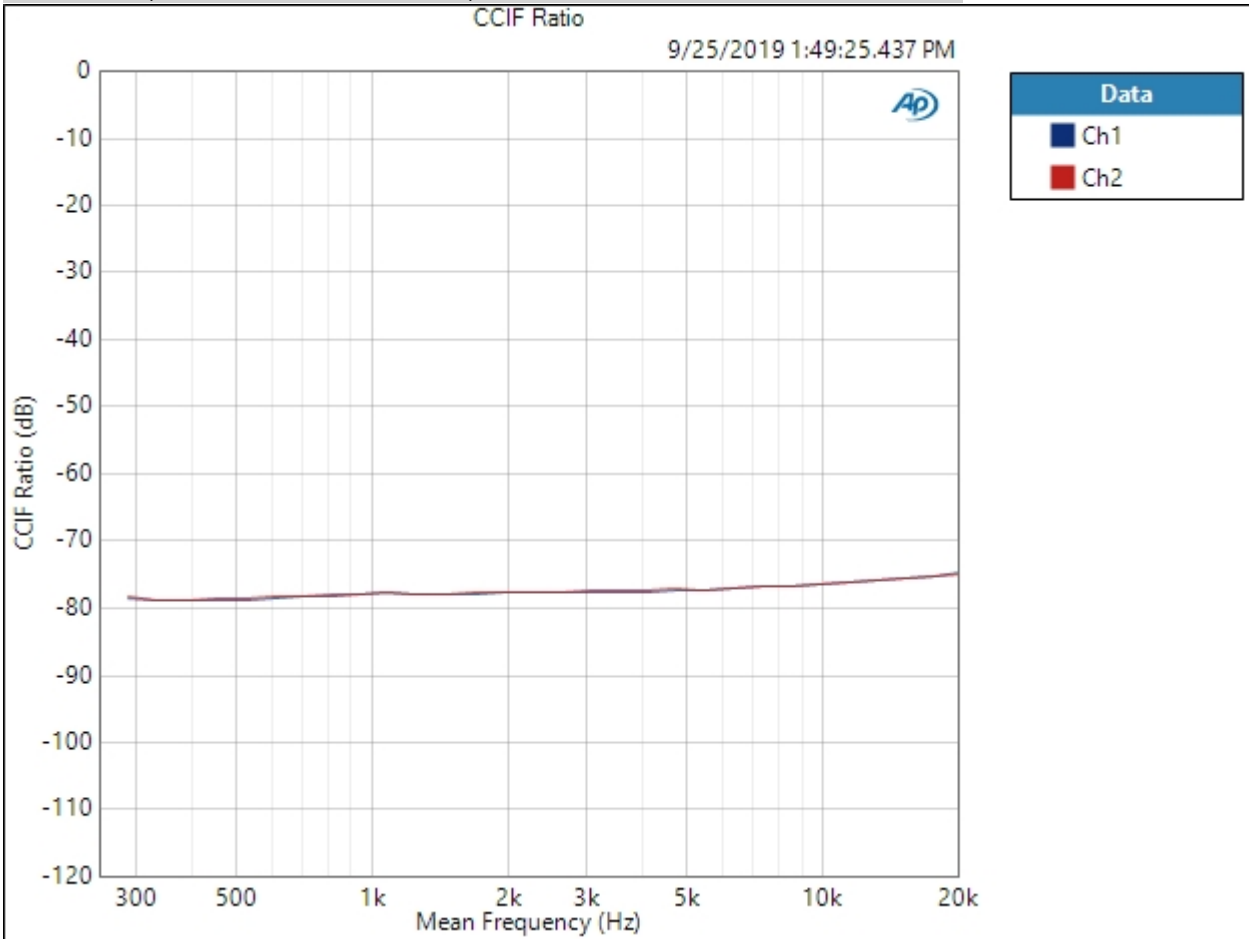


Result: PASSED

Headphone Out, 32 Ohm : IMD Frequency Sweep (CCIF)

Generator Level:	-14.000 dBFS
DC Offset:	0.000 D
Sweep Frequency:	Mean Frequency
Mean Frequency:	12.5000 kHz
Diff Frequency:	80.0000 Hz
IMD Split:	False
Start Frequency:	20.0000 kHz
Stop Frequency:	250.000 Hz
Step Type:	Logarithmic
Number of Points:	31
Mode:	d2+d3
Measured 1	9/25/2019 1:49:25 PM

CCIF Ratio (9/25/2019 1:49:25.437 PM)



Result: PASSED

Headphone Out, 32 Ohm : Crosstalk, One Channel Undriven

Waveform:	Sine
Generator Level:	-14.000 dBFS
DC Offset:	0.000 D
Frequency:	10.0000 kHz

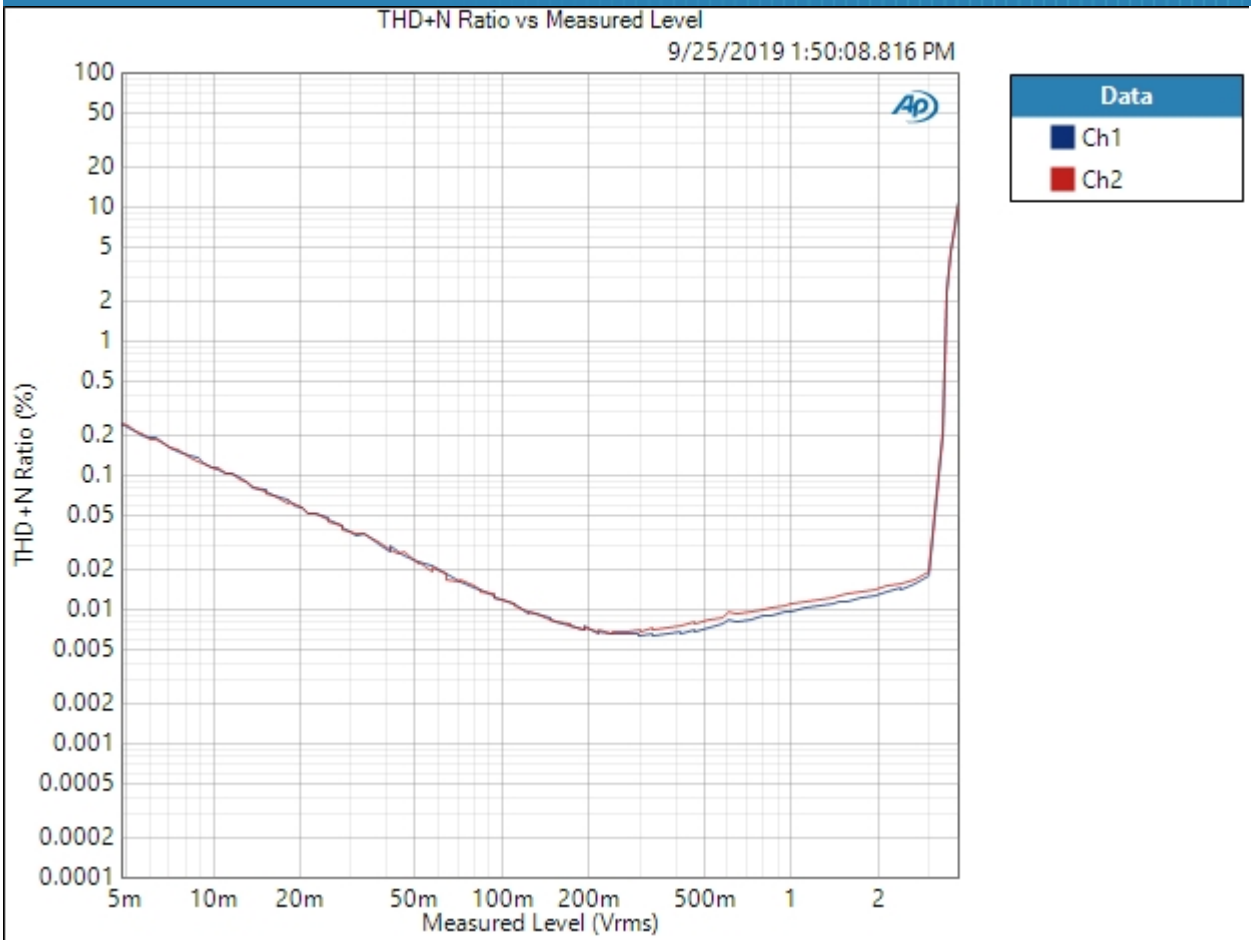
Crosstalk (9/25/2019 1:49:26.925 PM)

Ch1 80.075 dB
Ch2 -80.112 dB

Headphone Out, 32 Ohm : Stepped Level Sweep

Waveform:	Sine
Generator Level:	-20.000 dBFS
DC Offset:	0.000 D
Frequency:	1.00000 kHz
Start Level:	-60.000 dBFS
Stop Level:	-0.000 dBFS
Step Type:	Linear
Number of Points:	127
Step Size:	+0.476 dBFS
Offset:	0.000 D
Low-pass Filter:	20 kHz
Weighting Filter:	Signal Path
High-pass Filter:	20 Hz
Notch Tuning Mode:	Generator Frequency
Measured 1	9/25/2019 1:50:08 PM

THD+N Ratio vs Measured Level (9/25/2019 1:50:08.816 PM)



Result: PASSED

Line Out : Signal Path Setup

Output Connector:	ASIO
Output Sample Rate:	48.0000 kHz
Output EQ:	None
Input Connector:	Analog Unbalanced
Channels:	2
Termination:	100 kohm
High Performance Sine Analyzer:	Enabled
Input Bandwidth:	AC (<10 Hz) - 22.4k (48 kHz SR)
Device Delay:	0.000 s
Input EQ:	None

• References

dBr G:	-20.000 dBFS
Shared Frequency Reference:	1.00000 kHz
dBrA:	1.000 Vrms
dBrB:	1.000 Vrms
dBrA Offset:	0.000 dB
dBrB Offset:	0.000 dB
dBSPL1:	10.00 mVrms
dBSPL2:	10.00 mVrms
dBSPL1 Calibrator Level:	94.000 dBSPL
dBSPL2 Calibrator Level:	94.000 dBSPL
dBm (Input Power):	600.0 ohm
W(watts) (Input Power):	8.000 ohm

• DCX

DCX is not detected.

• Clocks

Output Rate:	Track Output SR
Sync Out Level:	3.300 V
Sync Out Polarity:	Normal
Timebase Reference:	Internal
Jitter:	Disabled

• Triggers

Source:	Off
Input Logic Level:	3.300 V

Edge: Rising

Line Out : Level and Gain

Waveform: Sine

Generator Level: -4.500 dBFS

DC Offset: 0.000 D

Frequency: 1.00000 kHz

RMS Level (9/25/2019 2:02:43.859 PM)

Ch1 2.925 Vrms

Ch2 2.926 Vrms

Line Out : DC Level

Waveform: Sine

Generator Level: -∞ dBFS

DC Offset: 0.000 D

Frequency: 1.00000 kHz

Delay Time: 100.0 ms

Acquisition Time: 333.0 ms

DC Level (9/25/2019 2:02:45.533 PM)

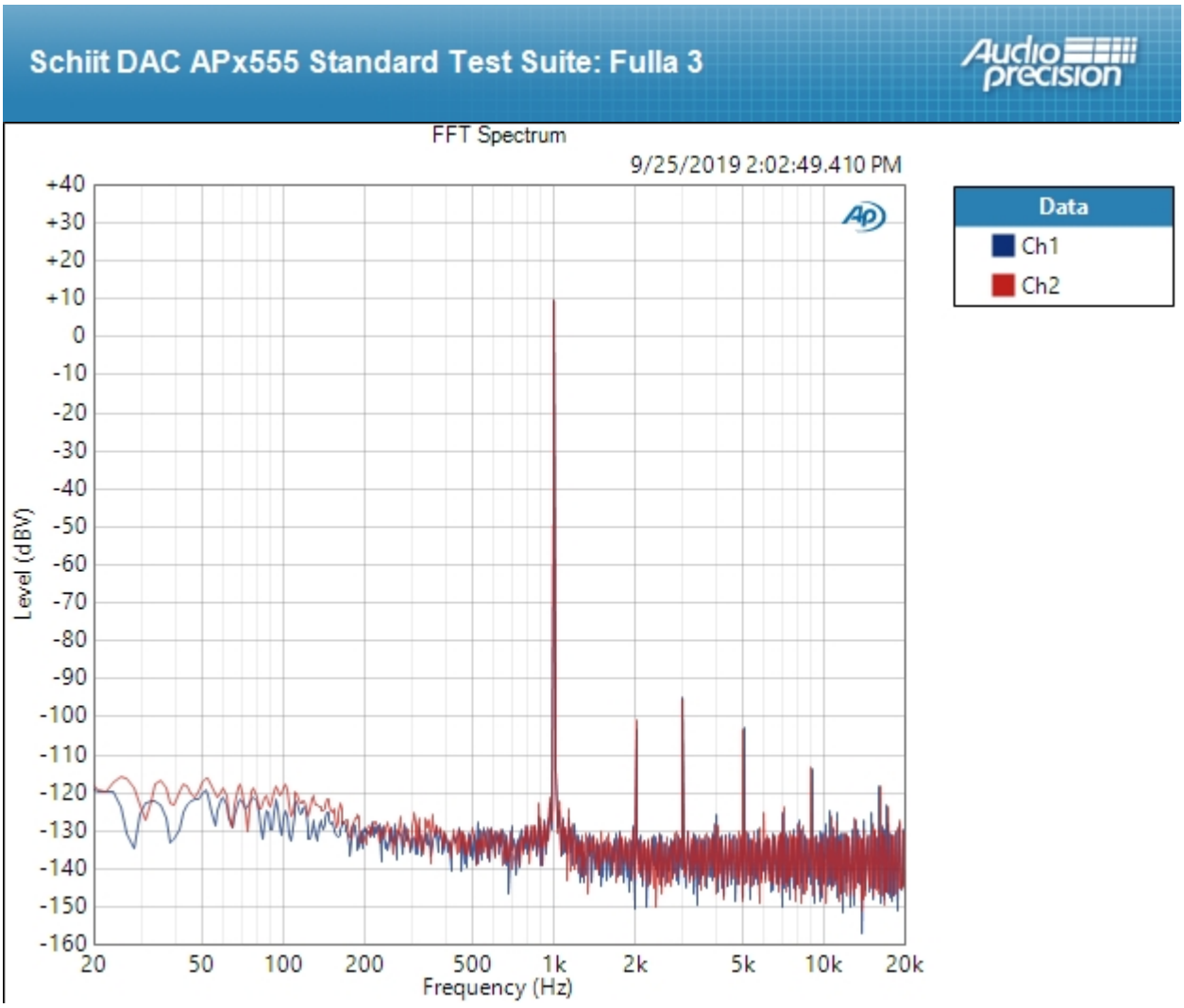
Ch1 -7.954 mV

Ch2 -9.682 mV

Line Out : Signal Analyzer

Waveform:	Sine
Generator Level:	-4.500 dBFS
DC Offset:	0.000 D
Frequency:	1.00000 kHz
Secondary Source:	None
Measured 1	9/25/2019 2:02:49 PM
Acquisition Type:	Auto
Trigger:	Free Run
Delay Time:	250.0 ms
Input Bandwidth:	Use Signal Path
FFT Length:	32K
Averaging:	Power
Averages:	3
Window:	AP-Equiripple
Record Acquisition:	False
Recording Type:	Multiple Mono PCM (.wav)

FFT Spectrum (9/25/2019 2:02:49.410 PM)

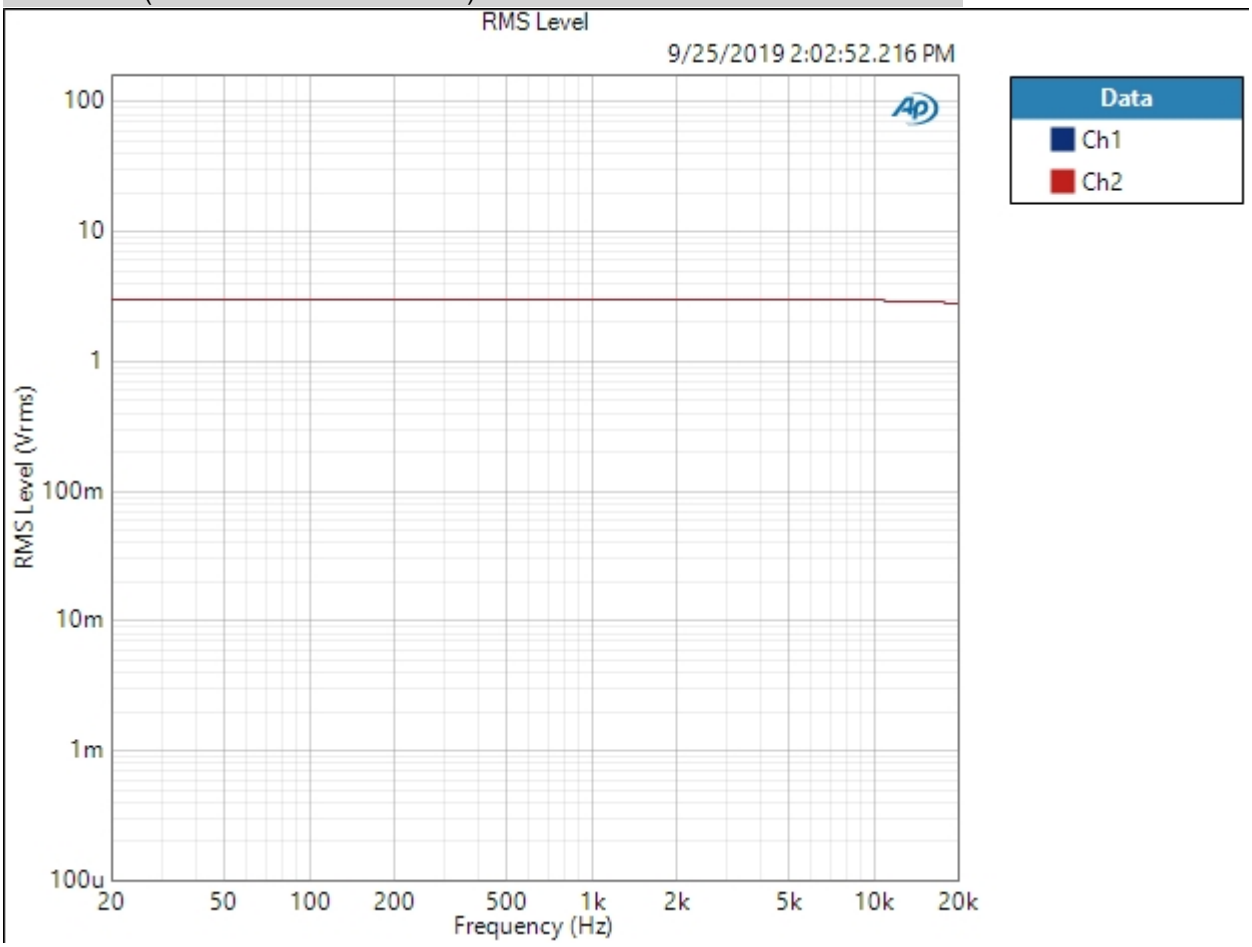


Result: PASSED

Line Out : Frequency Response

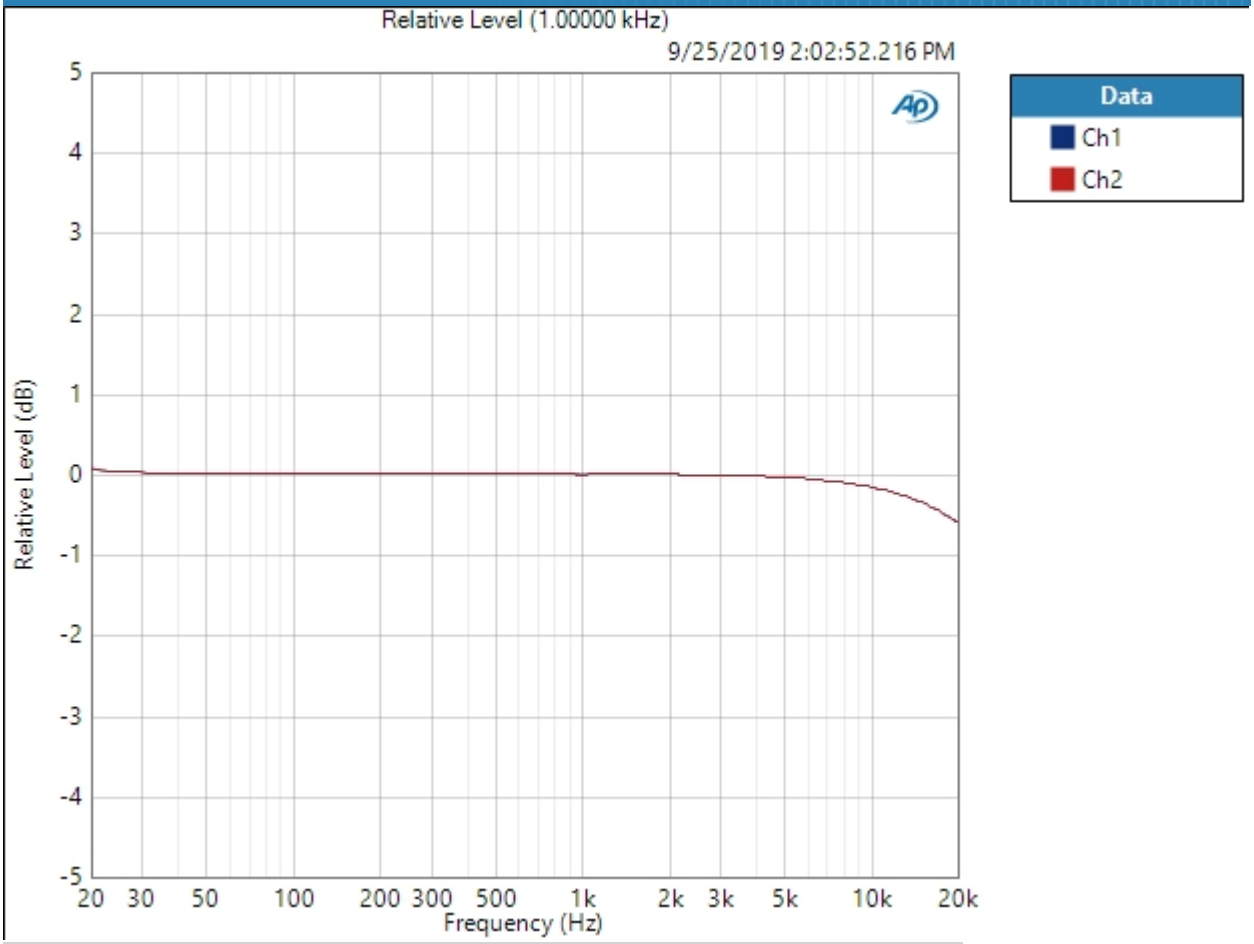
Start Frequency:	20.0000 Hz
Stop Frequency:	20.0000 kHz
Generator Level:	-4.500 dBFS
DC Offset:	0.000 D
EQ:	None
Pre-Sweep:	100.0 ms
Sweep:	350.0 ms
Extend Acquisition By:	500.0 ms
Secondary Source:	None
Measured 1	9/25/2019 2:02:52 PM

RMS Level (9/25/2019 2:02:52.216 PM)



Result: PASSED

Relative Level (1.00000 kHz) (9/25/2019 2:02:52.216 PM)



Relative Level (1.00000 kHz) Parameters

Mode: Normalized at Reference

Ref Frequency: 1.00000 kHz

Result: PASSED

Deviation (20.0000 Hz - 20.0000 kHz) (9/25/2019 2:02:52.216 PM)

Ch1 ±0.342 dB

Ch2 ±0.340 dB

Deviation (20.0000 Hz - 20.0000 kHz) Parameters

Min: 20.0000 Hz

Max: 20.0000 kHz

Line Out : Signal to Noise Ratio

Waveform:	Sine
Generator Level:	-4.500 dBFS
DC Offset:	0.000 D
Frequency:	1.00000 kHz
Low-pass Filter:	20 kHz
Weighting Filter:	Signal Path
High-pass Filter:	20 Hz

Signal to Noise Ratio (9/25/2019 2:02:54.303 PM)

Ch1 107.935 dB
Ch2 108.020 dB

Line Out : THD+N

Waveform:	Sine
Generator Level:	-4.500 dBFS
DC Offset:	0.000 D
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 (9/25/2019 2:02:56.934 PM)

Ch1 0.000824 %

Ch2 0.000821 %

THD Ratio (9/25/2019 2:02:56.934 PM)

Ch1 0.000711 %

Ch2 0.000707 %

Noise Ratio (9/25/2019 2:02:56.934 PM)

Ch1 0.000407 %

Ch2 0.000405 %

Distortion Product Ratio (9/25/2019 2:02:56.934 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	-112.52	-104.21	-132.56	-112.54	-137.53	-130.86	-129.99	-124.08	-130.25
	1.000k	2.000k	3.000k	4.000k	5.000k	6.000k	7.000k	8.000k	9.000k	10.00k
Ch2	-0.00	-109.79	-104.85	-135.34	-112.70	-133.04	-133.52	-133.59	-123.11	-138.38

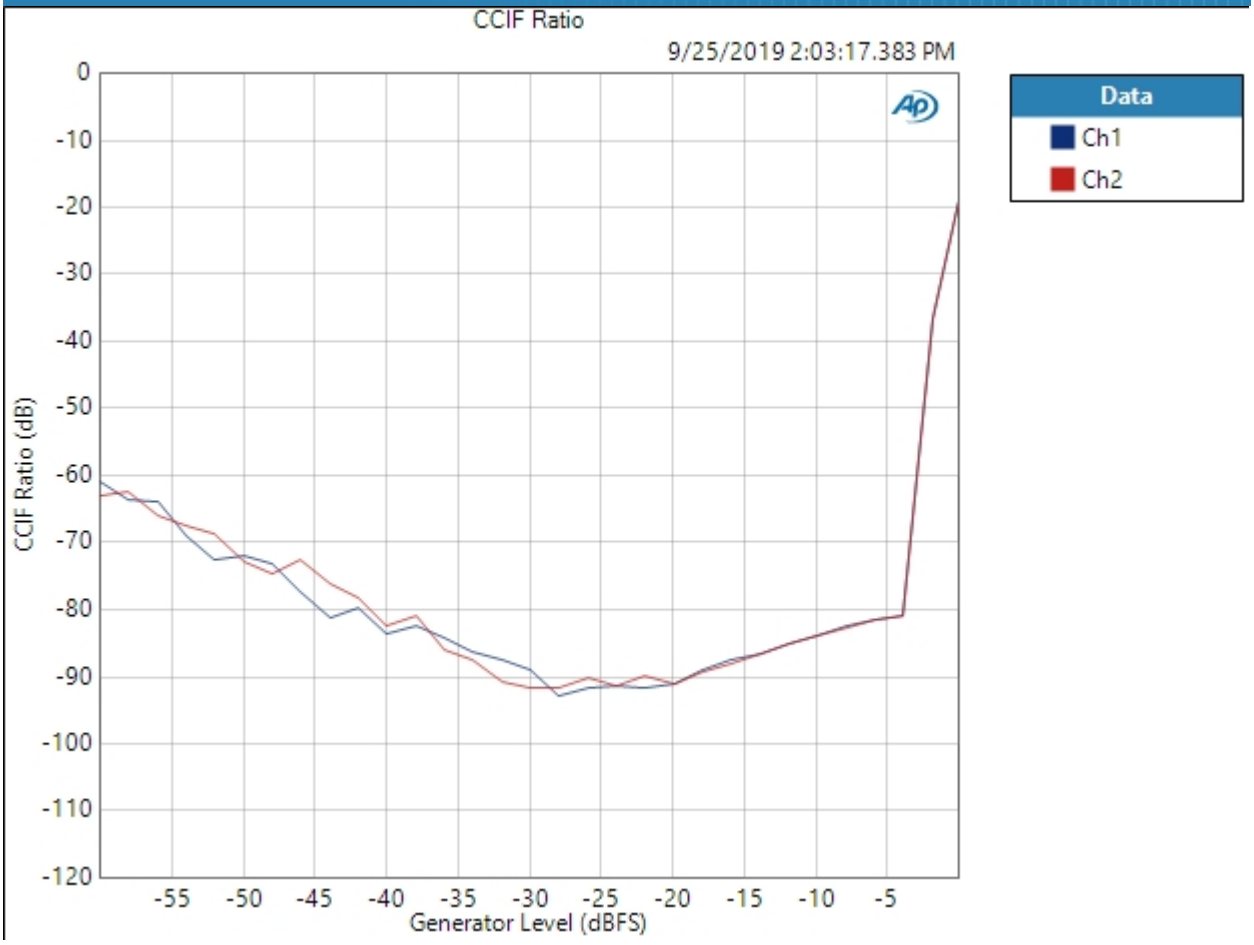
Distortion Product Ratio Parameters

Frequency Unit:	Hz
Ratio Unit:	dB

Line Out : IMD Level Sweep (CCIF)

IMD Type:	CCIF
Waveform:	IMD
Generator Level:	-0.000 dBFS
DC Offset:	0.000 D
Mean Frequency:	12.5000 kHz
Diff Frequency:	80.0000 Hz
IMD Split:	False
Start Level:	-60.000 dBFS
Stop Level:	-0.000 dBFS
Step Type:	Linear
Number of Points:	31
Step Size:	+2.000 dBFS
Mode:	d2+d3
Measured 1	9/25/2019 2:03:17 PM

CCIF Ratio (9/25/2019 2:03:17.383 PM)

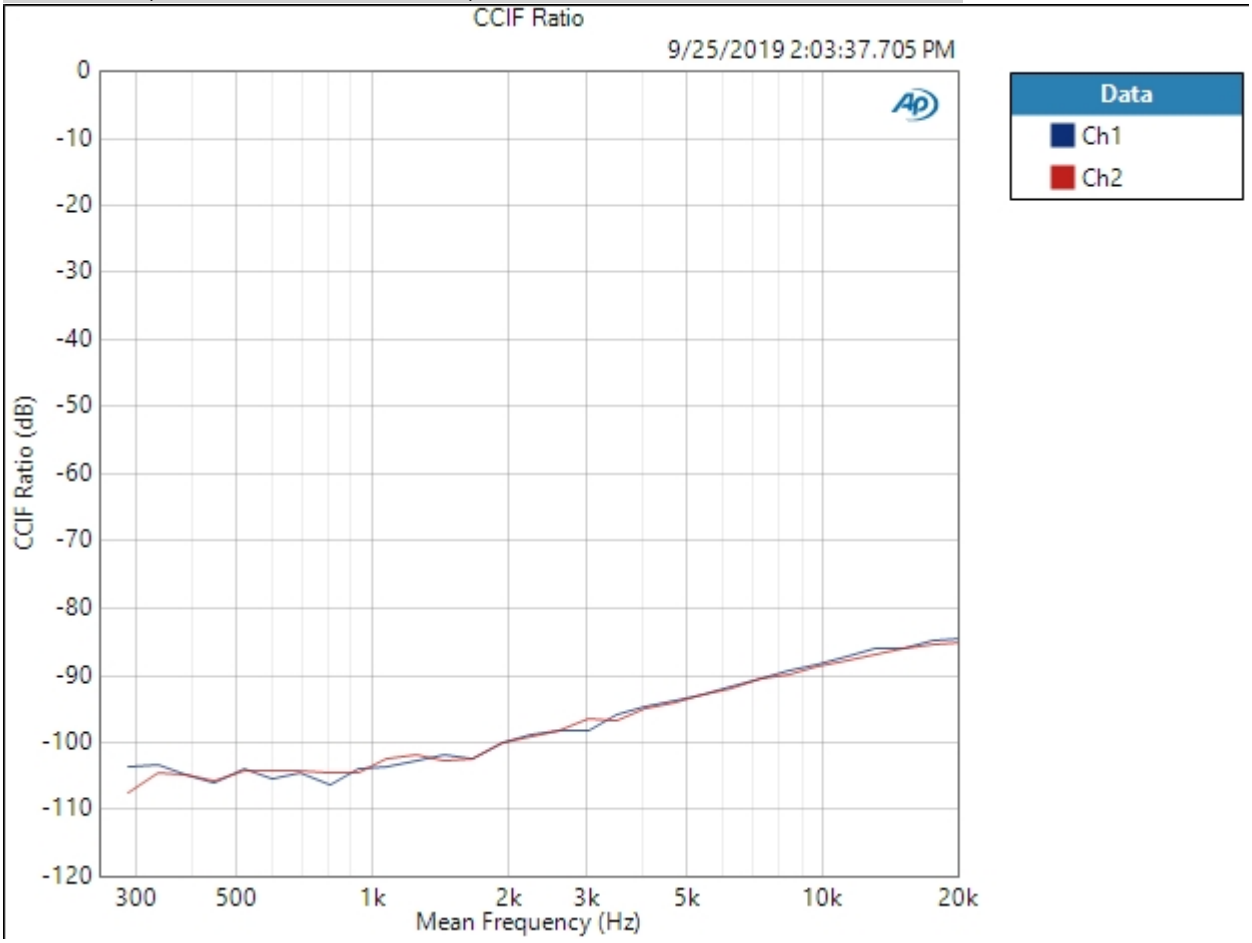


Result: PASSED

Line Out : IMD Frequency Sweep (CCIF)

Generator Level:	-14.000 dBFS
DC Offset:	0.000 D
Sweep Frequency:	Mean Frequency
Mean Frequency:	12.5000 kHz
Diff Frequency:	80.0000 Hz
IMD Split:	False
Start Frequency:	20.0000 kHz
Stop Frequency:	250.000 Hz
Step Type:	Logarithmic
Number of Points:	31
Mode:	d2+d3
Measured 1	9/25/2019 2:03:37 PM

CCIF Ratio (9/25/2019 2:03:37.705 PM)



Result: PASSED

Line Out : Crosstalk, One Channel Undriven

Waveform:	Sine
Generator Level:	-14.000 dBFS
DC Offset:	0.000 D
Frequency:	10.0000 kHz

Crosstalk (9/25/2019 2:03:41.065 PM)

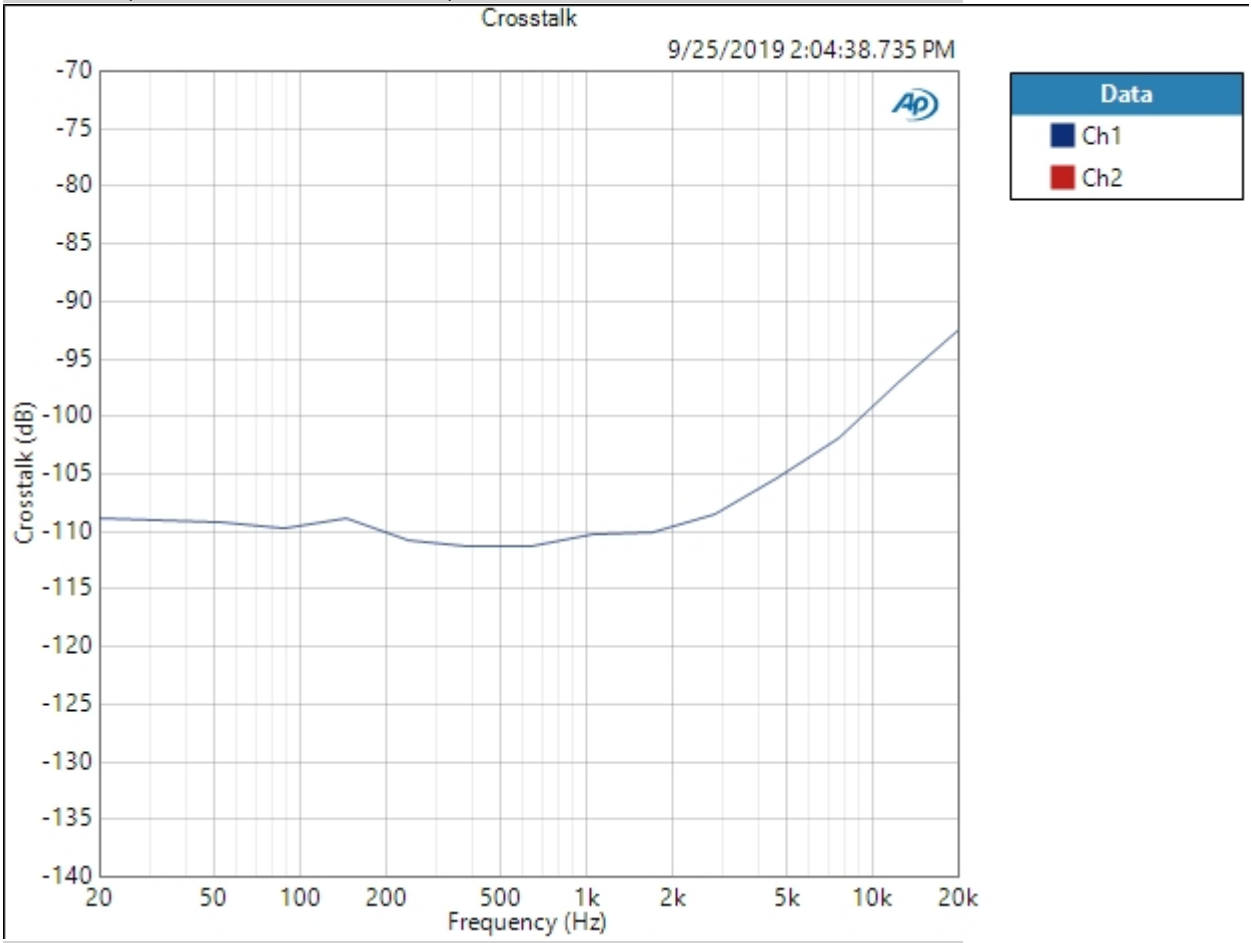
Ch1 87.914 dB

Ch2 99.243 dB

Line Out : Crosstalk Sweep, One Channel Driven

Generator Level:	-14.000 dBFS
DC Offset:	0.000 D
Start Frequency:	20.0000 kHz
Stop Frequency:	20.0000 Hz
Step Type:	Logarithmic
Number of Points:	15
Measured 1	9/25/2019 2:04:38 PM

Crosstalk (9/25/2019 2:04:38.735 PM)



Crosstalk Parameters

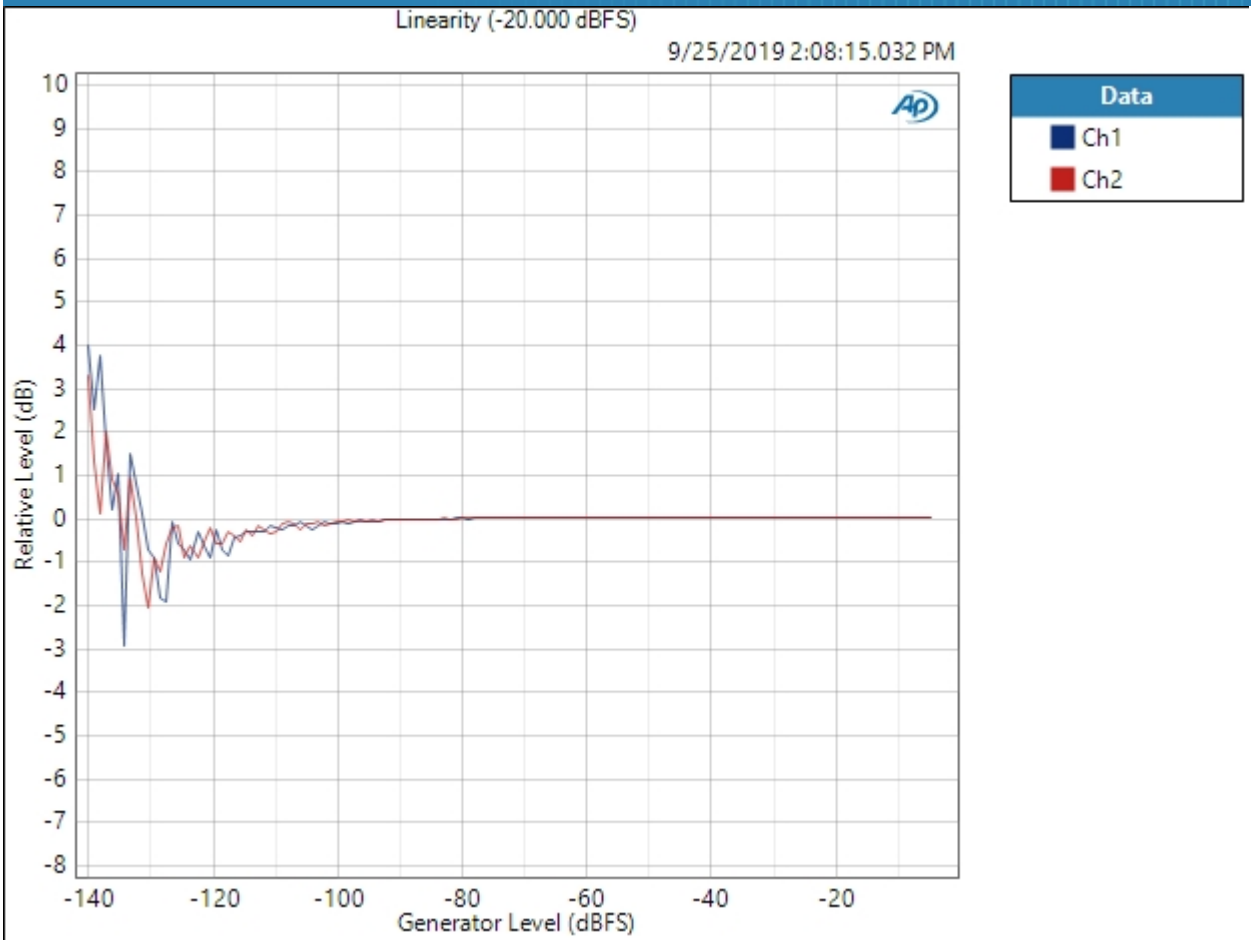
Source: Ch1

Result: PASSED

Line Out : Bandpass Level Sweep

Waveform:	Sine
Generator Level:	-20.000 dBFS
DC Offset:	0.000 D
Frequency:	1.00000 kHz
Start Level:	-140.000 dBFS
Stop Level:	-5.000 dBFS
Step Type:	Linear
Number of Points:	141
Step Size:	+0.964 dBFS
Offset:	0.000 D
Selectivity:	Window width
Bandpass Tuning Mode:	Generator Frequency
Measured 1	9/25/2019 2:08:15 PM

Linearity (-20.000 dBFS) (9/25/2019 2:08:15.032 PM)



Linearity (-20.000 dBFS) Parameters

Mode: Normalized at Reference

Relative Level: -20.000 dBFS

Result: PASSED