

Summary

Signal Path1

Level and Gain	✓ PASSED
DC Level	✓ PASSED
Crosstalk, One Channel Undriven	✓ PASSED
Signal to Noise Ratio	✓ PASSED
THD+N	✓ PASSED
IMD (SMPTE)	✓ PASSED
Interchannel Phase	✓ PASSED
Dynamic Range - AES17	✓ PASSED
Stepped Frequency Sweep	✓ PASSED
Stepped Level Sweep	✓ PASSED

Sequence Result:

Sequence Result: ✓ PASSED

Signal Path1 : Signal Path Setup

Output Connector: Digital Balanced
Output Sample Rate: 44.1000 kHz
Output Bit Depth: 24
Dither: Enabled
Output Mode: Professional
Status Bits: Auto (Professional)
Output EQ: None
Input Connector: Analog Balanced
Channels: 2
Termination: 600 ohm
Input Bandwidth: AC (<10 Hz) - 90k (192 kHz SR)
Device Delay: 0.000 s
Input EQ: None

• References

dBr G: 0.000 dBFS
Shared Frequency Reference: 1.00000 kHz
dBrA: 5.768 Vrms
dBrB: 5.741 Vrms
dBrA Offset: 0.000 dB
dBrB Offset: 0.000 dB
dBSPL1: 10.00 mVrms
dBSPL2: 10.00 mVrms
dBSPL1 Calibrator Level: 94.000 dB SPL
dBSPL2 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: -0.000 dBFS
 DC Offset: 0.000 D
 Frequency: 1.00000 kHz

RMS Level (2019/4/4 16:41:25.244)

Channel	Lower Limit	Value	Upper Limit	
LEFT	3.600 Vrms	3.693 Vrms	3.900 Vrms	✓
RIGHT	3.600 Vrms	3.690 Vrms	3.900 Vrms	✓

Result: ✓ PASSED

Gain (2019/4/4 16:41:25.244)

LEFT 3.693 Vrms/FS
 RIGHT 3.690 Vrms/FS

Signal Path1 : DC Level

Waveform: Sine
 Generator Level: $-\infty$ dBFS
 DC Offset: 0.000 D
 Frequency: 1.00000 kHz
 Delay Time: 100.0 ms
 Acquisition Time: 333.0 ms

DC Level (2019/4/4 16:41:27.611)

Channel	Lower Limit	Value	Upper Limit	
LEFT	-5.000 mV	-745.9 uV	5.000 mV	✓
RIGHT	-5.000 mV	-2.024 mV	5.000 mV	✓

Result: ✓ PASSED

Signal Path1 : Crosstalk, One Channel Undriven

Waveform: Sine
 Generator Level: -0.000 dBFS
 DC Offset: 0.000 D
 Frequency: 1.00000 kHz

Crosstalk (2019/4/4 16:41:32.834)

Channel	Lower Limit	Value	Upper Limit	
LEFT	---- dB	-139.227 dB	100.000 dB	✓
RIGHT	---- dB	-129.165 dB	100.000 dB	✓

Result: ✓ PASSED

Signal Path1 : Signal to Noise Ratio

Waveform: Sine
 Generator Level: -0.000 dBFS
 DC Offset: 0.000 D
 Frequency: 1.00000 kHz
 Weighting Filter: Signal Path

Signal to Noise Ratio (2019/4/4 16:41:35.915)

Channel	Lower Limit	Value	Upper Limit	
LEFT	110.000 dB	117.636 dB	---- dB	✓
RIGHT	110.000 dB	117.698 dB	---- dB	✓

Result: ✓ PASSED

Signal Path1 : THD+N

Waveform: Sine
 Generator Level: -0.000 dBFS
 DC Offset: 0.000 D
 Frequency: 1.00000 kHz
 Weighting Filter: Signal Path
 Notch Tuning Mode: Measured Frequency

THD+N Ratio (2019/4/4 16:41:39.001)

Channel	Lower Limit	Value	Upper Limit	
LEFT	---- dB	-99.496 dB	-80.000 dB	✓
RIGHT	---- dB	-99.461 dB	-80.000 dB	✓

Result: ✓ PASSED

Signal Path1 : IMD (SMPTE)

IMD Type: SMPTE
 Waveform: IMD
 Generator Level: -0.000 dBFS
 DC Offset: 0.000 D
 Frequency 1: 60.0000 Hz
 Frequency 2: 7.00000 kHz
 Frequency Ratio: 4:1
 IMD Split: False

SMPTE Ratio (2019/4/4 16:41:41.398)

Channel	Lower Limit	Value	Upper Limit	
LEFT	---- dB	-86.971 dB	-65.000 dB	✓
RIGHT	---- dB	-86.569 dB	-65.000 dB	✓

Result: ✓ PASSED

Signal Path1 : Interchannel Phase

Waveform: Sine
 Generator Level: -0.000 dBFS
 DC Offset: 0.000 D
 Frequency: 1.00000 kHz
 Reference Channel: LEFT
 Meter Range: -90 -> 270 deg

Phase (2019/4/4 16:41:43.902)

LEFT ---- deg
 RIGHT -4.077 deg

Signal Path1 : Dynamic Range - AES17

Waveform: Sine
 Generator Level: -0.000 dBFS
 DC Offset: 0.000 D
 Frequency: 1.00000 kHz
 Level Ratio: -60.000 dB
 Low-pass Filter: 20 kHz
 Weighting Filter: CCIR-2k

Dynamic Range - AES17 (2019/4/4 16:41:47.381)

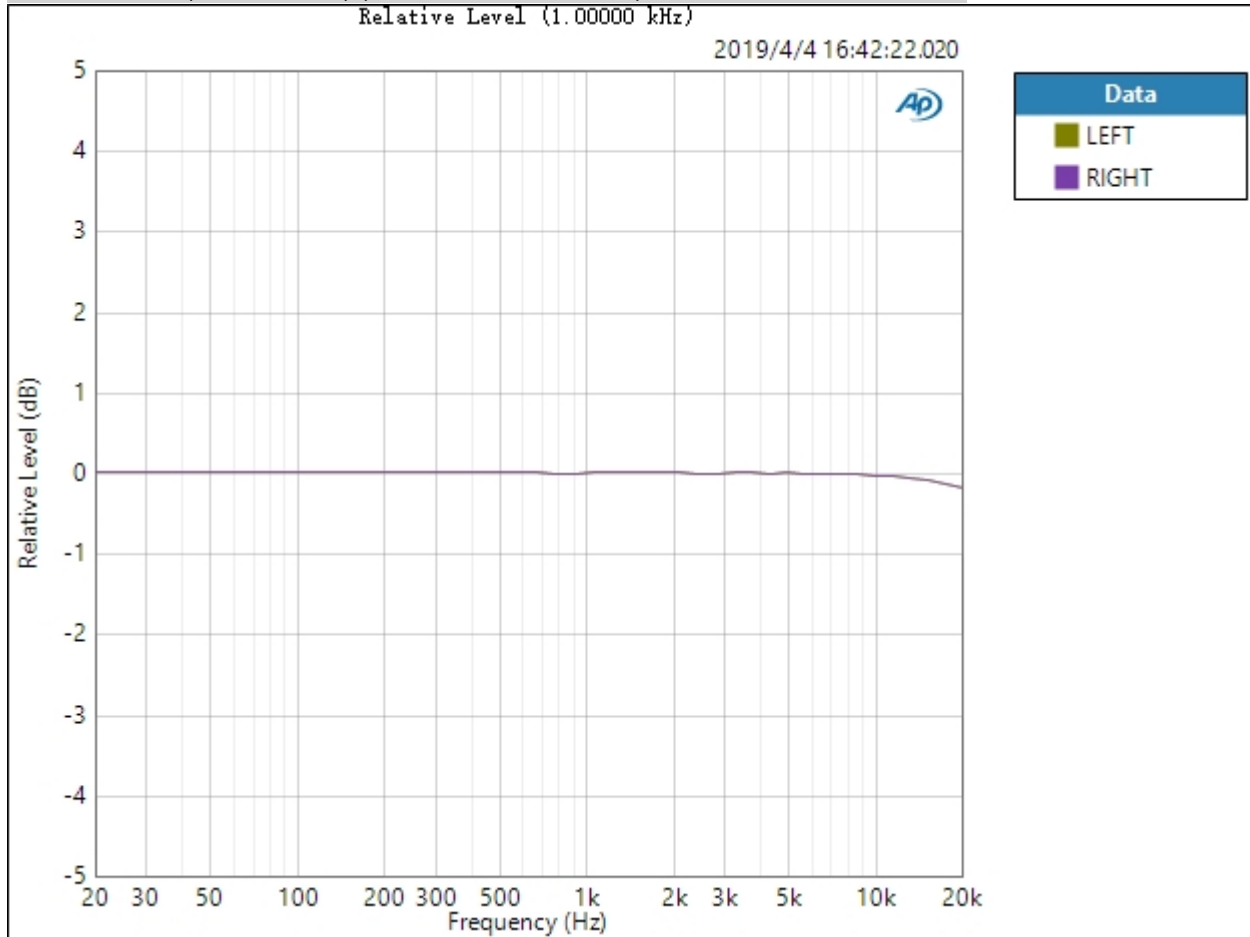
Channel	Lower Limit	Value	Upper Limit	
LEFT	110.000 dB	123.229 dB	---- dB	✓
RIGHT	110.000 dB	122.875 dB	---- dB	✓

Result: ✓ PASSED

Signal Path1 : Stepped Frequency Sweep

Generator Level: -0.000 dBFS
DC Offset: 0.000 D
EQ: None
Start Frequency: 20.0000 kHz
Stop Frequency: 20.0000 Hz
Step Type: Logarithmic
Number of Points: 50
Weighting Filter: Signal Path
Phase Ref Channel: LEFT
Measured 1 2019/4/4 16:42:22

Relative Level (1.00000 kHz) (2019/4/4 16:42:22.020)



Relative Level (1.00000 kHz) Parameters

Mode: Normalized at Reference

Ref Frequency: 1.00000 kHz

Result: ✔ PASSED

Deviation (20.0000 Hz - 20.0000 kHz) (2019/4/4 16:42:22.020)

LEFT ±0.103 dB

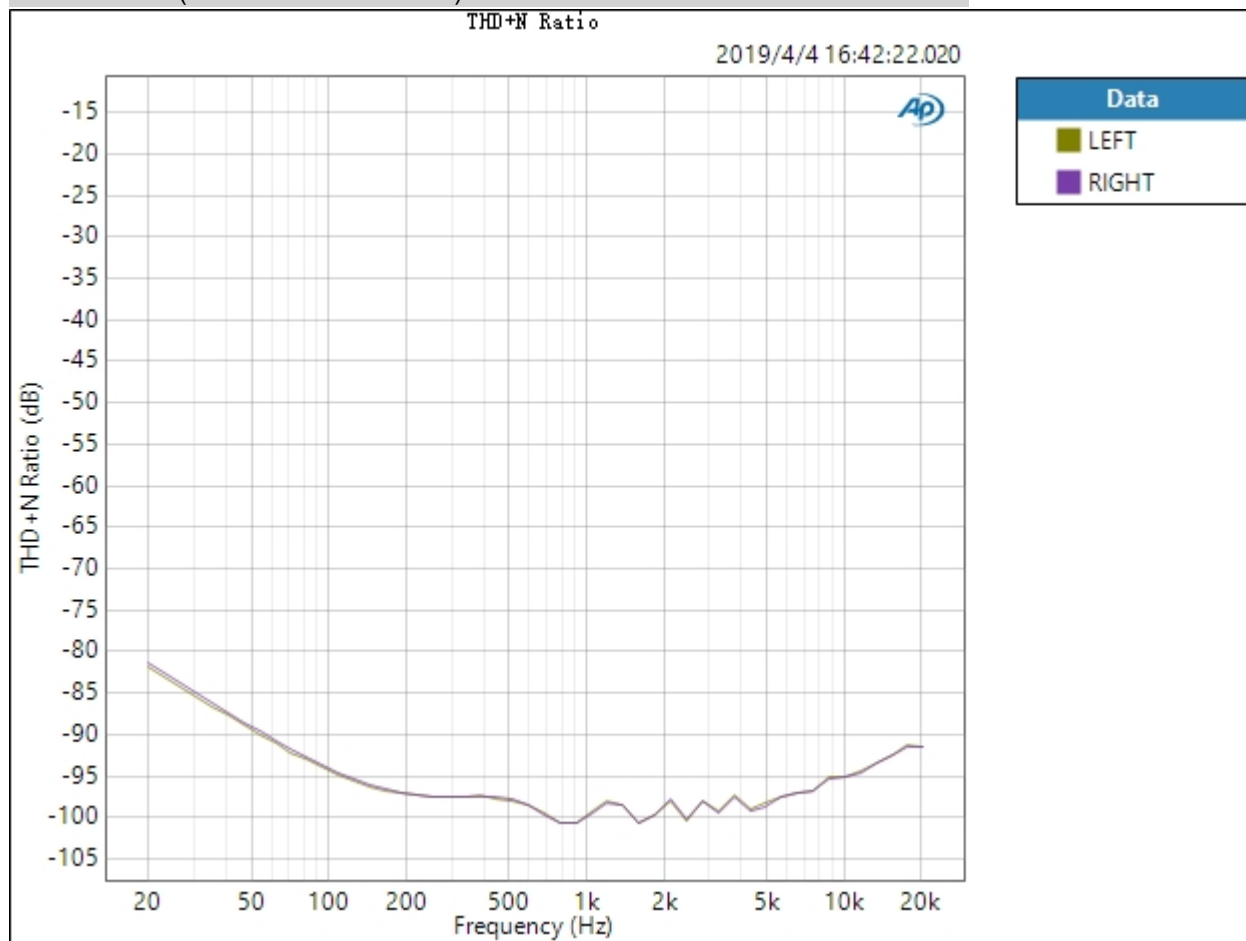
RIGHT ±0.103 dB

Deviation (20.0000 Hz - 20.0000 kHz) Parameters

Min: 20.0000 Hz

Max: 20.0000 kHz

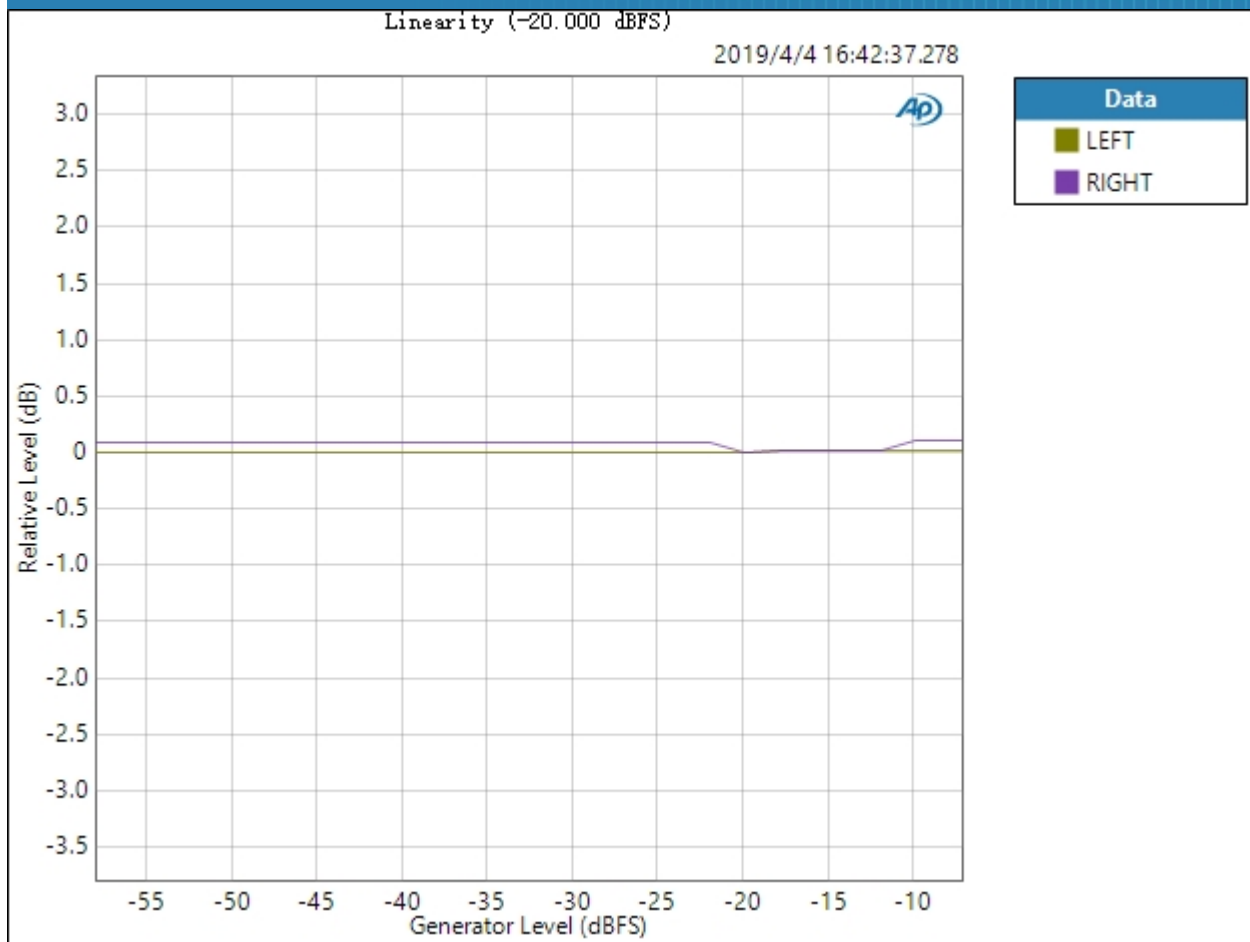
THD+N Ratio (2019/4/4 16:42:22.020)



Result: ✔ PASSED

Signal Path1 : 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: 31
Step Size: +2.000 dBFS
Offset: 0.000 D
Weighting Filter: Signal Path
Notch Tuning Mode: Generator Frequency
Measured 1 2019/4/4 16:42:37
Linearity (-20.000 dBFS) (2019/4/4 16:42:37.278)



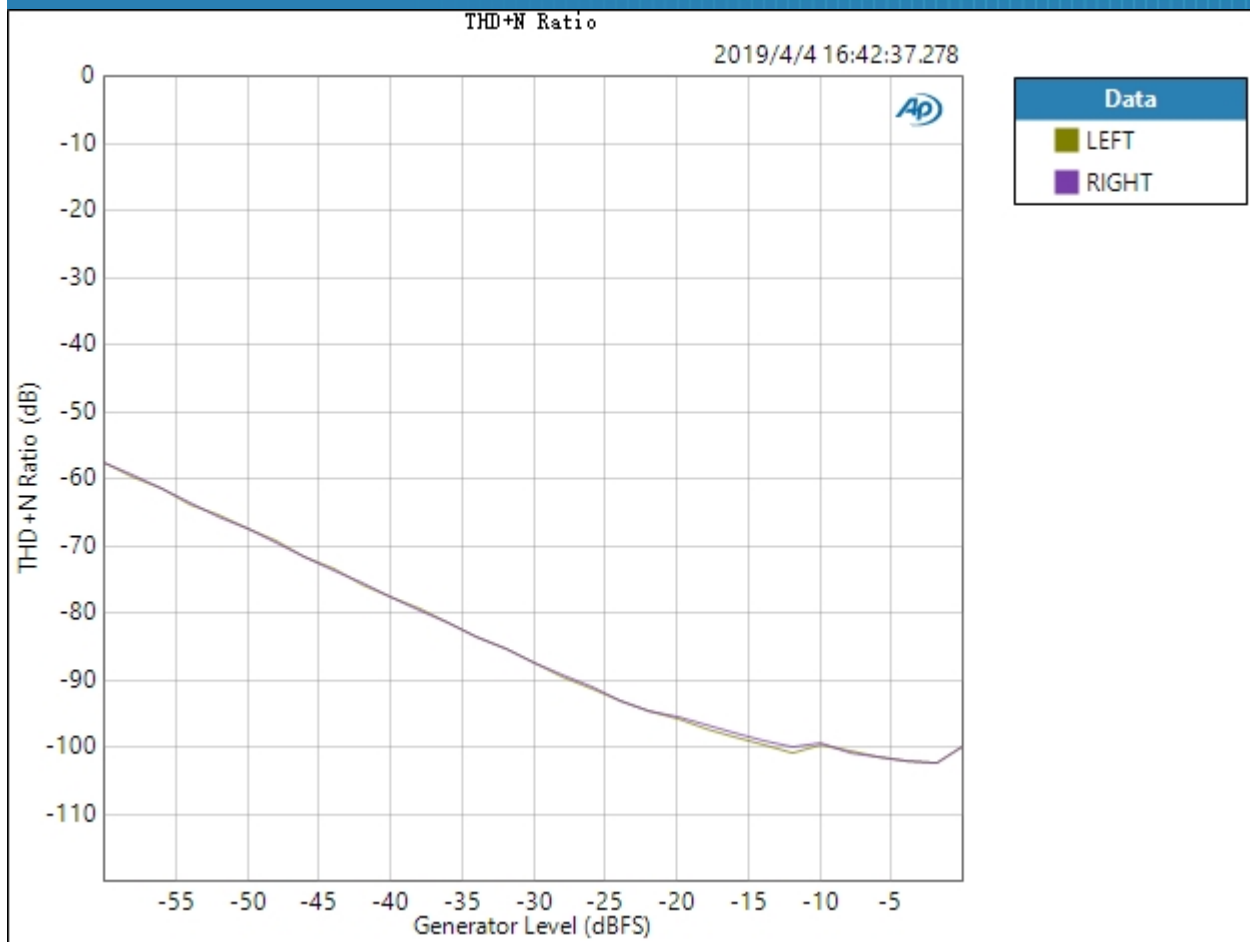
Linearity (-20.000 dBFS) Parameters

Mode: Normalized at Reference

Relative Level: -20.000 dBFS

Result: PASSED

THD+N Ratio (2019/4/4 16:42:37.278)



Result: PASSED