

Sequence Report



Summary

Signal Path1

Noise (RMS)	PASSED
DC Level	PASSED
Level and Gain	PASSED
THD+N - 1W	PASSED
THD+N - Full Power	PASSED
Frequency Response	PASSED
Signal to Noise Ratio - 1W	PASSED
Signal to Noise Ratio - Full Power	PASSED
Maximum Output (CEA-2006)	PASSED
Maximum Output	PASSED
Stepped Frequency Sweep	PASSED

Sequence Result:

Sequence Result: PASSED

Sequence Report



Signal Path1 : Noise (RMS)

Waveform: None
Low-pass Filter: 22 kHz
Weighting Filter: A-wt.
High-pass Filter: 20 Hz
Acquisition Time: 250.0 ms
Delay Time: 300.0 ms

RMS Level (12/20/2021 10:40:21 AM)

Ch1 27.54 uVrms
Ch2 29.26 uVrms
Ch3 30.77 uVrms
Ch4 34.25 uVrms
Ch5 30.59 uVrms
Ch6 36.75 uVrms
Ch7 30.03 uVrms
Ch8 31.16 uVrms

Signal Path1 : DC Level

Waveform: Sine
Generator Level: 0.000 Vrms
Frequency: 1.00000 kHz
Delay Time: 250.0 ms
Acquisition Time: 500.0 ms

DC Level (12/20/2021 10:40:22 AM)

Ch1 -2.875 mV
Ch2 +2.004 mV
Ch3 -1.739 mV
Ch4 -5.704 mV
Ch5 -2.577 mV
Ch6 +6.978 mV
Ch7 -5.468 mV
Ch8 +20.27 mV

Sequence Report



Signal Path1 : Level and Gain

Waveform: Sine
Generator Level: -20.000 dBrG (@1.465 Vrms)
Frequency: 1.00000 kHz
Low-pass Filter: 22 kHz

Gain (12/20/2021 10:40:24 AM)

Ch1 25.733 dB
Ch2 25.729 dB
Ch3 25.715 dB
Ch4 25.737 dB
Ch5 25.720 dB
Ch6 25.757 dB
Ch7 25.728 dB
Ch8 25.743 dB

Signal Path1 : THD+N - 1W

Waveform: Sine
Generator Level: -23.000 dBrG (@1.465 Vrms)
Frequency: 1.00000 kHz
Low-pass Filter: 22 kHz
High-pass Filter: 20 Hz
Filter Tune Mode: Measured Frequency

THD+N Ratio (12/20/2021 10:40:25 AM)

Ch1 0.001849 %
Ch2 0.002008 %
Ch3 0.002163 %
Ch4 0.002446 %
Ch5 0.002242 %
Ch6 0.002600 %
Ch7 0.002020 %
Ch8 0.002168 %

Sequence Report



Signal Path1 : THD+N - Full Power

Waveform: Sine

Generator Level: 0.000 dBrG (@1.465 Vrms)

Frequency: 1.00000 kHz

Low-pass Filter: 22 kHz

High-pass Filter: 20 Hz

Filter Tune Mode: Measured Frequency

THD+N Ratio (12/20/2021 10:40:27 AM)

Ch1 0.001540 %

Ch2 0.002213 %

Ch3 0.007027 %

Ch4 0.001650 %

Ch5 0.002349 %

Ch6 0.002203 %

Ch7 0.004283 %

Ch8 0.010220 %

Sequence Report



Signal Path1 : Frequency Response

Generator Level: -12.000 dBrG (@1.465 Vrms)

Start Frequency: 20.0000 Hz

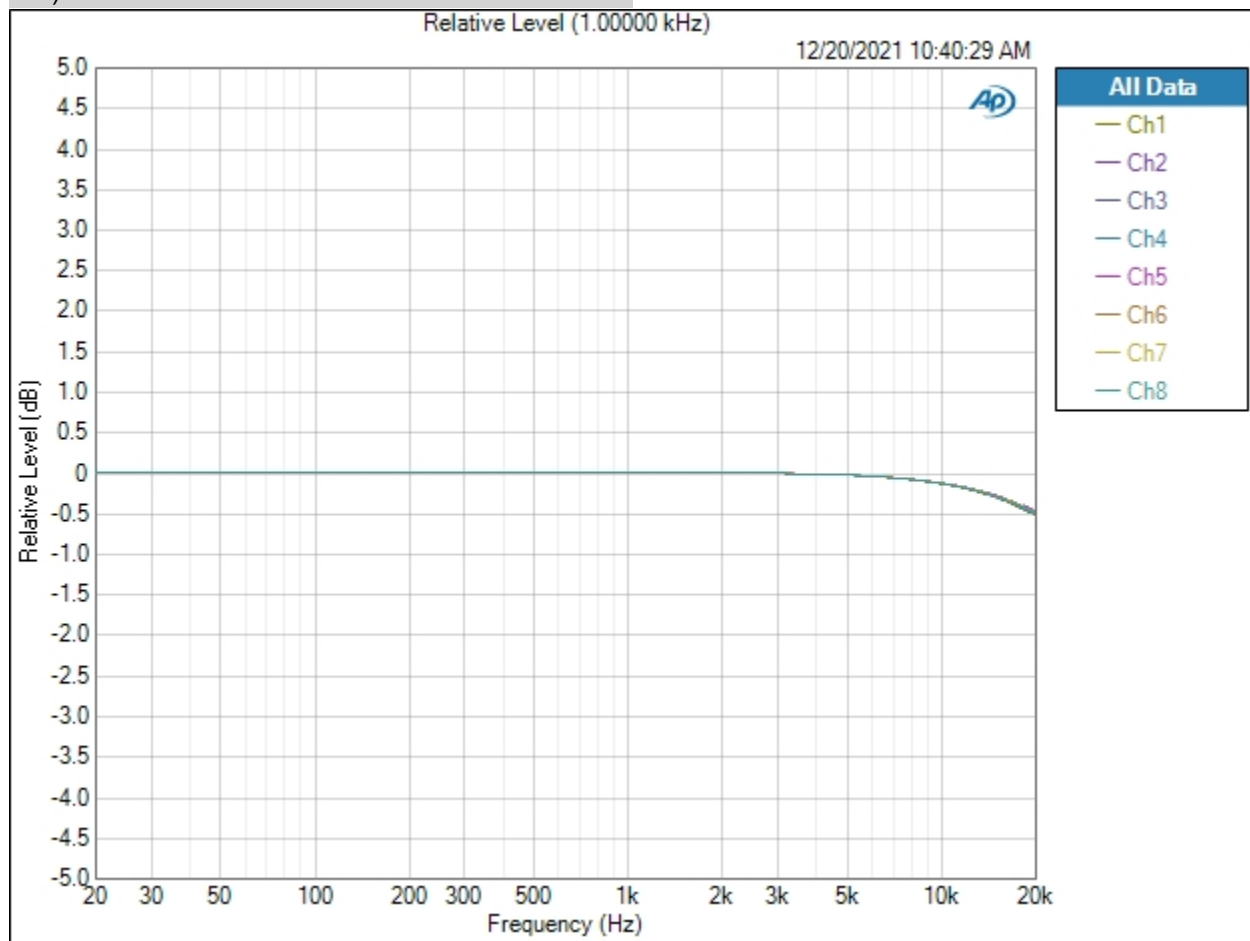
Stop Frequency: 20.0000 kHz

Sweep: 250.0 ms

Pre-Sweep: 250.0 ms

Extend Acquisition By: 50.00 ms

Relative Level (1.00000 kHz) (12/20/2021 10:40:29 AM)



Ch1 PASSED

Ch2 PASSED

Ch3 PASSED

Ch4 PASSED

Ch5 PASSED

Ch6 PASSED

Sequence Report



Ch7 PASSED

Ch8 PASSED

Result: PASSED

Relative Level (1.00000 kHz) Parameters

Mode: Normalized at Reference

Ref Frequency: 1.00000 kHz

Signal Path1 : Signal to Noise Ratio - 1W

Waveform: Sine

Generator Level: -23.000 dBrG (@1.465 Vrms)

Frequency: 1.00000 kHz

Low-pass Filter: 22 kHz

Weighting Filter: A-wt.

High-pass Filter: 20 Hz

Signal to Noise Ratio (12/20/2021 10:40:31 AM)

Ch1 97.190 dB

Ch2 96.567 dB

Ch3 96.164 dB

Ch4 95.149 dB

Ch5 96.212 dB

Ch6 94.455 dB

Ch7 96.878 dB

Ch8 96.139 dB

Sequence Report



Signal Path1 : Signal to Noise Ratio - Full Power

Waveform: Sine
Generator Level: +0.000 dBrG (@1.465 Vrms)
Frequency: 1.00000 kHz
Low-pass Filter: 22 kHz
Weighting Filter: A-wt.
High-pass Filter: 20 Hz

Signal to Noise Ratio (12/20/2021 10:40:33 AM)

Ch1 120.238 dB
Ch2 119.422 dB
Ch3 119.122 dB
Ch4 118.028 dB
Ch5 119.220 dB
Ch6 117.526 dB
Ch7 119.548 dB
Ch8 119.155 dB

Signal Path1 : Maximum Output (CEA-2006)

Generator Level: 1.748 Vrms
Signal: 1 kHz CEA-2006/490A
High-pass Filter: 20 Hz
Maximum Level: 3.000 Vrms
Maximum Level: -0.000 dBFS
Maximum Level: 1.000 mA
Measured Channel: Ch1
Target THD+N: 1.000 %
Generator Tolerance: 0.200 %

Level (12/20/2021 10:40:40 AM)

Ch1 142.4 W
Ch2 142.3 W
Ch3 141.8 W
Ch4 142.6 W
Ch5 142.1 W
Ch6 143.1 W
Ch7 142.4 W
Ch8 142.7 W

Sequence Report



Signal Path1 : Maximum Output

Waveform: Sine
Frequency: 1.00000 kHz
High-pass Filter: 20 Hz
Maximum Level: 3.000 Vrms
Maximum Level: -0.000 dBFS
Maximum Level: 1.000 mA
Measured Channel: Ch1
Target THD+N: 1.000 %
Generator Tolerance: 0.200 %

Level (12/20/2021 10:40:45 AM)

Ch1 143.5 W
Ch2 143.4 W
Ch3 142.9 W
Ch4 143.8 W
Ch5 143.2 W
Ch6 144.3 W
Ch7 143.5 W
Ch8 143.9 W

Sequence Report



Signal Path1 : Stepped Frequency Sweep

Generator Level: +0.000 dBrG (@1.465 Vrms)

Start Frequency: 20.0000 kHz

Stop Frequency: 20.0000 Hz

Start Level: 20.0000 kHz

Stop Level: 20.0000 Hz

Step Type: Logarithmic

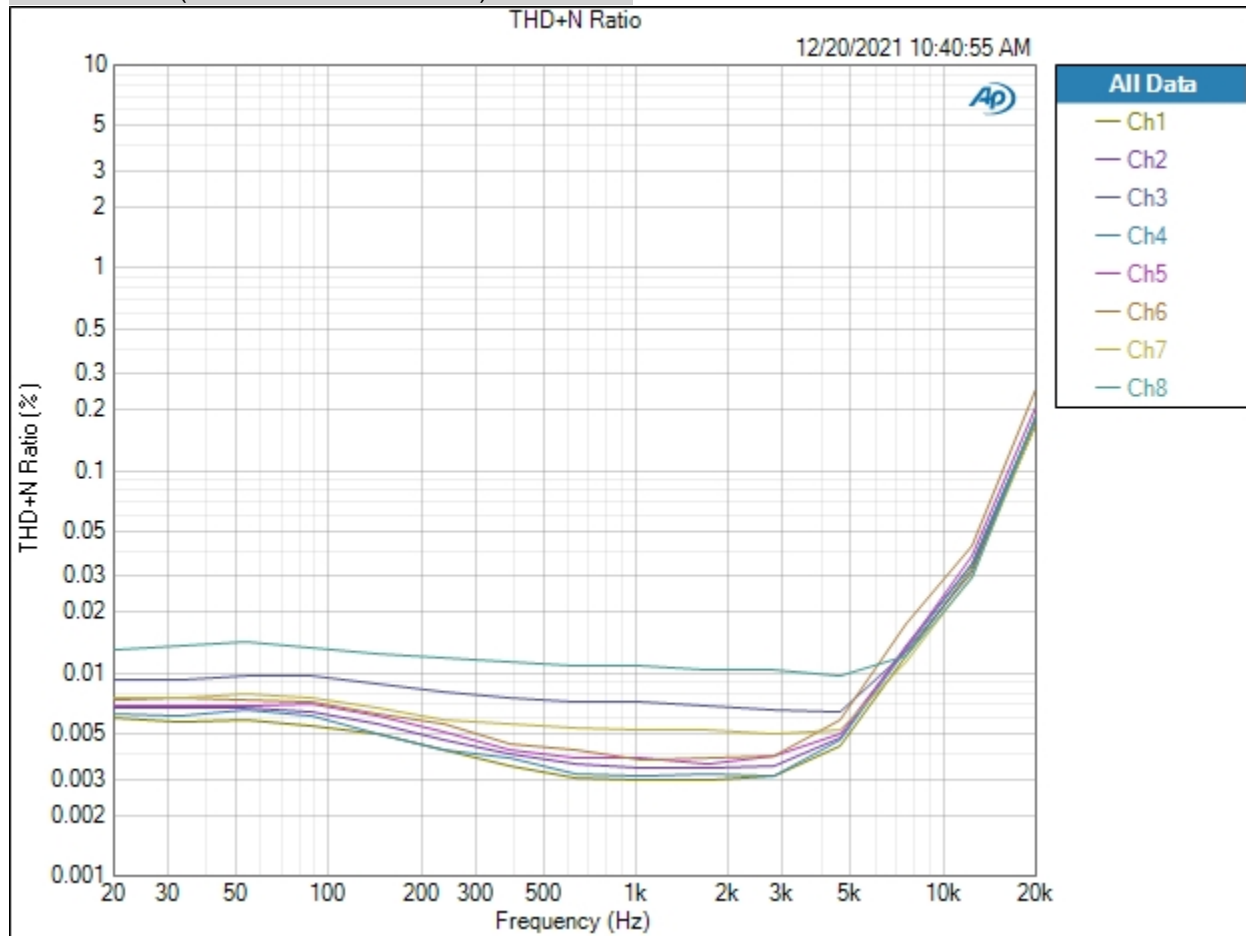
Number of Points: 15

Low-pass Filter: 60 kHz

High-pass Filter: 20 Hz

Phase Ref Channel: Ch1

THD+N Ratio (12/20/2021 10:40:55 AM)



Ch1 PASSED

Ch2 PASSED

Ch3 PASSED

12/20/2021 10:40 AM

Sequence Report



Ch4  PASSED

Ch5  PASSED

Ch6  PASSED

Ch7  PASSED

Ch8  PASSED

Result:  PASSED