













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
SN Ratio - Full Power	 PASSED
Maximum Output (CEA-2006)	 PASSED
Maximum Output	 PASSED
Stepped Frequency Sweep	 PASSED

Sequence Result:

Sequence Result:  PASSED

Signal Path1 : Level and Gain

Waveform: Sine
Generator Level: 0.000 dBrG (@1.442 Vrms)
Frequency: 1.00000 kHz
Low-pass Filter: 22 kHz

Level (5/4/2016 4:34:41 PM)

Ch1 200.4 W
Ch2 201.4 W
Ch3 200.7 W
Ch4 201.2 W
Ch5 200.0 W
Ch6 201.6 W
Ch7 199.5 W

Gain (5/4/2016 4:34:41 PM)

Ch1 28.869 dB
Ch2 28.891 dB
Ch3 28.876 dB
Ch4 28.888 dB
Ch5 28.860 dB
Ch6 28.896 dB
Ch7 28.849 dB

Signal Path1 : THD+N - 1W

Waveform: Sine
Generator Level: -23.000 dBrG (@1.442 Vrms)
Frequency: 1.00000 kHz
Low-pass Filter: 22 kHz
High-pass Filter: 20 Hz
Filter Tune Mode: Measured Frequency

THD+N Ratio (5/4/2016 4:34:45 PM)

Ch1 0.002434 %
Ch2 0.002060 %
Ch3 0.001846 %
Ch4 0.001950 %
Ch5 0.002100 %
Ch6 0.002864 %
Ch7 0.002105 %

Signal Path1 : THD+N - Full Power

Waveform: Sine
Generator Level: 0.000 dBrG (@1.442 Vrms)
Frequency: 1.00000 kHz
Low-pass Filter: 22 kHz
High-pass Filter: 20 Hz
Filter Tune Mode: Measured Frequency

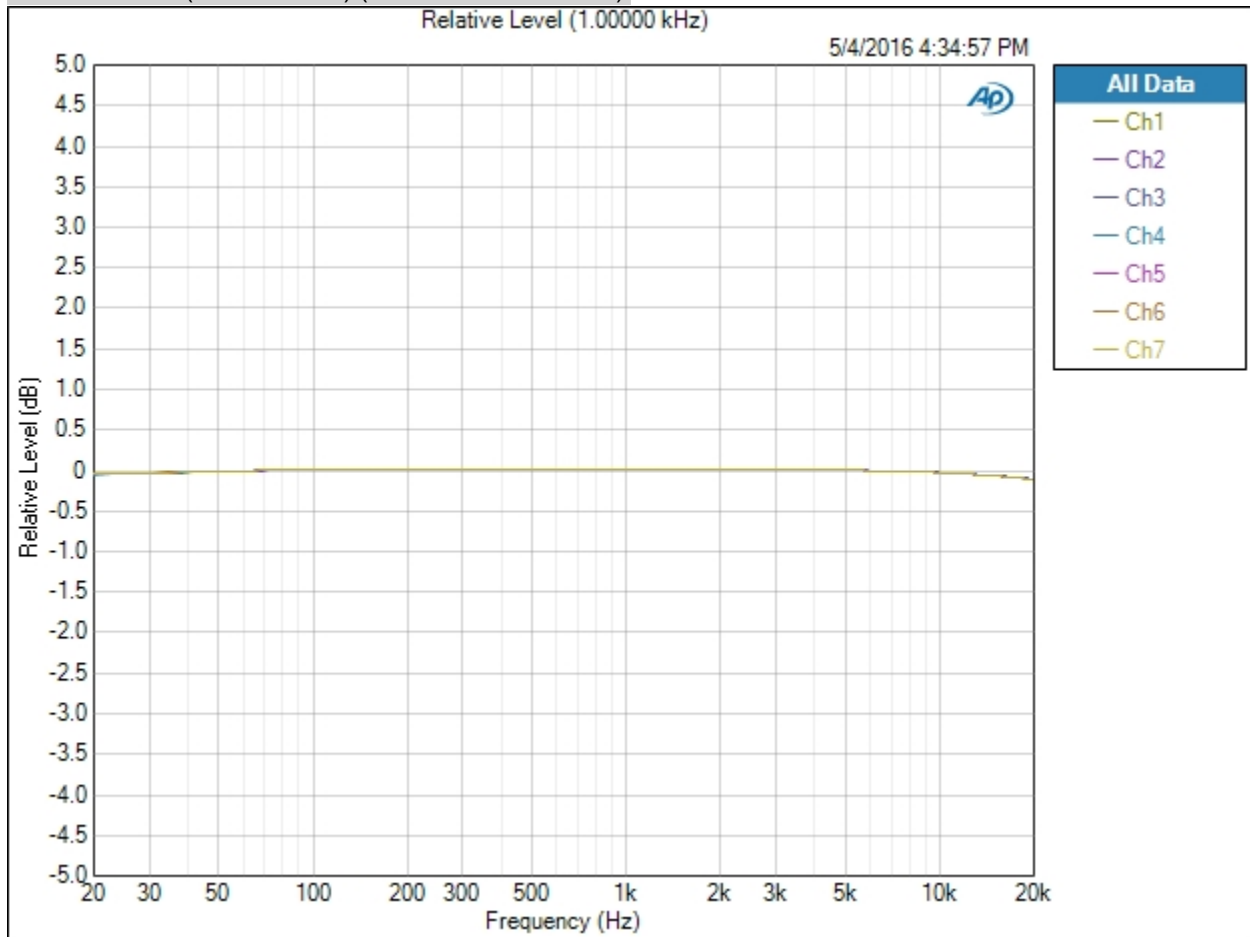
THD+N Ratio (5/4/2016 4:34:51 PM)

Ch1 0.002698 %
Ch2 0.002805 %
Ch3 0.002827 %
Ch4 0.003316 %
Ch5 0.002798 %
Ch6 0.003153 %
Ch7 0.002638 %

Signal Path1 : Frequency Response

Generator Level: -20.000 dBrG (@1.442 Vrms)
Start Frequency: 20.0000 Hz
Stop Frequency: 20.0000 kHz
Sweep: 350.0 ms
Pre-Sweep: 100.0 ms
Extend Acquisition By: 50.00 ms

Relative Level (1.00000 kHz) (5/4/2016 4:34:57 PM)



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 (@1.442 Vrms)
Frequency: 1.00000 kHz
Low-pass Filter: 22 kHz
Weighting Filter: A-wt.
High-pass Filter: 20 Hz

Signal to Noise Ratio (5/4/2016 4:35:01 PM)

Ch1 100.972 dB
Ch2 101.122 dB
Ch3 100.988 dB
Ch4 100.769 dB
Ch5 100.566 dB
Ch6 100.902 dB
Ch7 99.881 dB

Signal Path1 : SN Ratio - Full Power

Waveform: Sine
Generator Level: 0.000 dBrG (@1.442 Vrms)
Frequency: 1.00000 kHz
Low-pass Filter: 22 kHz
Weighting Filter: A-wt.
High-pass Filter: 20 Hz

Signal to Noise Ratio (5/4/2016 4:35:05 PM)

Ch1 122.479 dB
Ch2 122.752 dB
Ch3 122.747 dB
Ch4 122.334 dB
Ch5 122.402 dB
Ch6 122.532 dB
Ch7 121.819 dB

Signal Path1 : Maximum Output (CEA-2006)

Generator Level: 1.860 Vrms
Signal: 1 kHz CEA-2006/490A
Low-pass Filter: 22 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 (5/4/2016 4:35:13 PM)

Ch1 329.0 W
Ch2 330.2 W
Ch3 329.5 W
Ch4 330.1 W
Ch5 327.3 W
Ch6 329.3 W
Ch7 326.8 W

Signal Path1 : Maximum Output

Waveform: Sine
Frequency: 1.00000 kHz
Low-pass Filter: 22 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 (5/4/2016 4:35:21 PM)

Ch1 222.3 W
Ch2 223.2 W
Ch3 222.7 W
Ch4 223.1 W
Ch5 221.5 W
Ch6 222.9 W
Ch7 221.3 W

Signal Path1 : Stepped Frequency Sweep

Generator Level: 0.000 dBrG (@1.442 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: 10
 High-pass Filter: 20 Hz
 Phase Ref Channel: Ch1

THD+N Ratio (5/4/2016 4:35:47 PM)

