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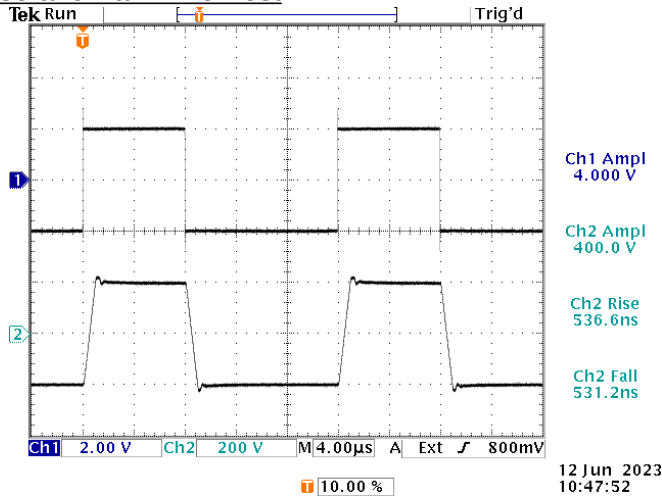
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BOX 5120, LCD MERIVALE
OTTAWA, CANADA K2C3H5

PERFORMANCE CHECKSHEET

Model: AV-110G-PS-CC1
Type: High-Voltage Linear Amplifier
S.N.: 14352
Date: June 12, 2023

Rise and Fall Time Test



Top: ±2V input. 2V/div. 4 us/div.
Bottom: OUT (±200V) to 50 kΩ. 200V/div. 4 us/div.

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a) Output Signal Amplitude: 0 to ±200V,
to R ≥ 50 kΩ

b) Gain: ×1 to ×100

c) Rise Time (20%-80%): < 1.5 us

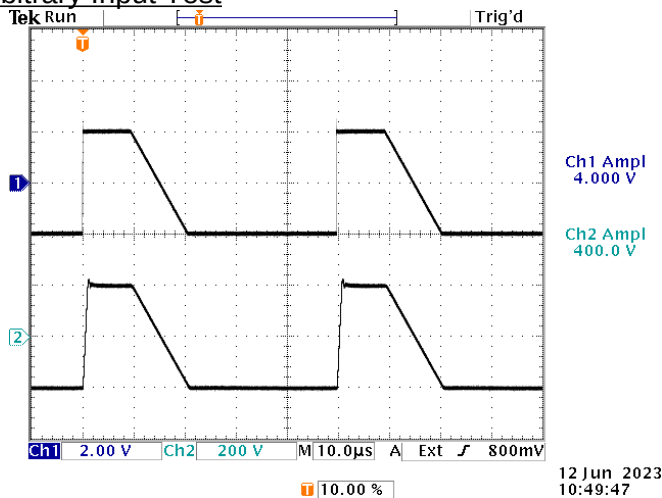
d) Fall Time (80%-20%): < 1.5 us

e) Bandwidth: 350 kHz

f) Jitter, Stability: OK

g) Prime Power: 100-240V AC, 50-60 Hz.

Arbitrary Input Test



Top: ±2V input. 2V/div. 10 us/div.
Bottom: OUT (±200V) to 50 kΩ. 200V/div. 10 us/div.

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Waveform references levels: 20%, 80%.