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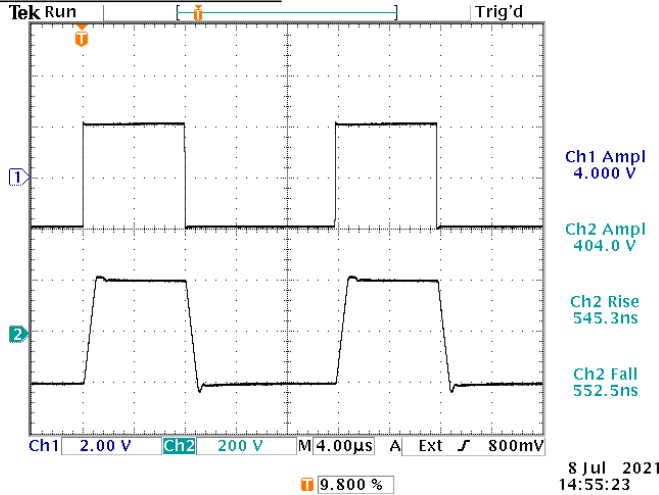
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BOX 5120, LCD MERIVALE
OTTAWA, CANADA K2C3H5

PERFORMANCE CHECKSHEET

Model: AV-110G-PS
Type: High-Voltage Linear Amplifier
S.N.: 14143
Date: July 8, 2021

Rise and Fall Time Test



Top: $\pm 2V$ input. 2V/div. 4 us/div.
Bottom: OUT ($\pm 200V$) to 50 k Ω . 200V/div. 4 us/div.

a) Output Signal Amplitude: 0 to $\pm 200V$,
to $R \geq 50 k\Omega$

b) Gain: $\times 1$ to $\times 100$

c) Rise Time (20%-80%): $< 1.5 \mu s$

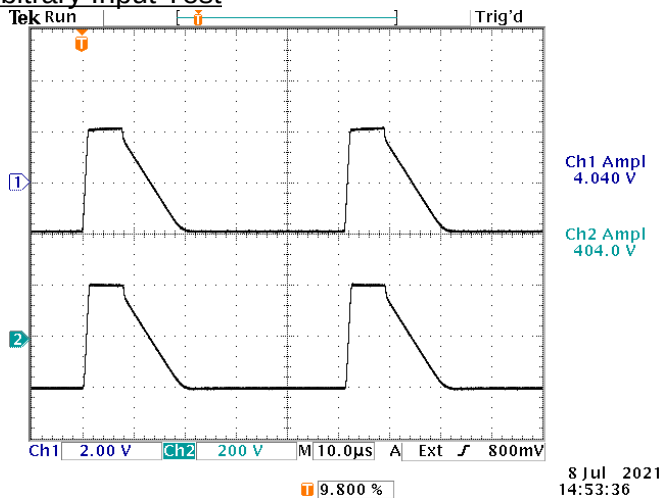
d) Fall Time (80%-20%): $< 1.5 \mu s$

e) Bandwidth: 350 kHz

f) Jitter, Stability: OK

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

Arbitrary Input Test



Top: $\pm 2V$ input. 2V/div. 10 us/div.
Bottom: OUT ($\pm 200V$) to 50 k Ω . 200V/div. 10 us/div.

Waveform references levels: 20%, 80%.