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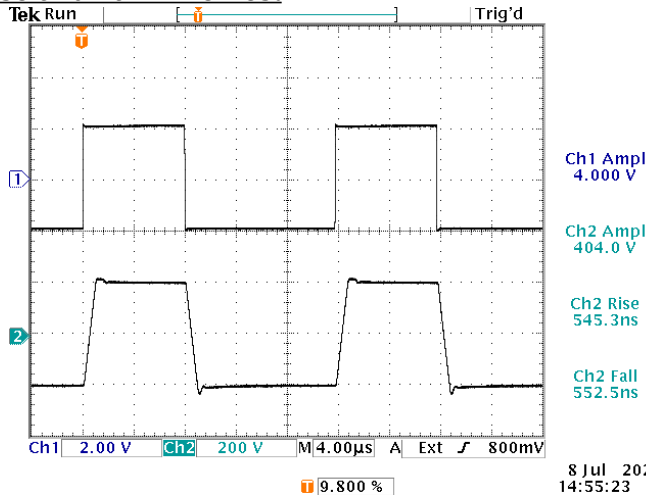
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BOX 5120, LCD MERIVALE  
OTTAWA, CANADA K2C3H5

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 $\Omega$ . 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%):  $< 1.5 \mu s$

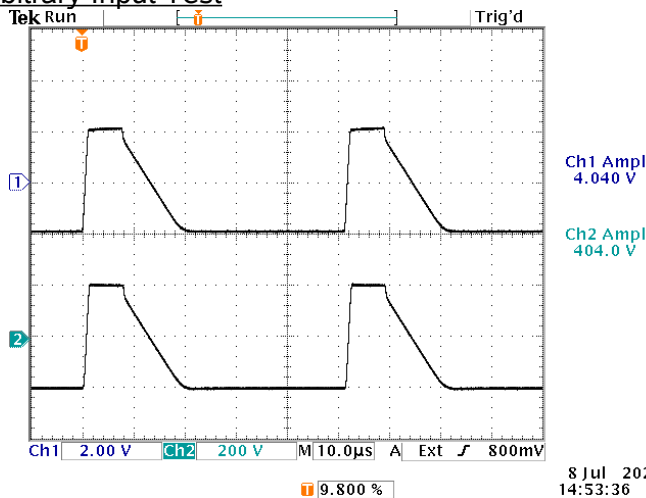
d) Fall Time (80%-20%):  $< 1.5 \mu s$

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 $\Omega$ . 200V/div. 10 us/div.

Waveform references levels: 20%, 80%.