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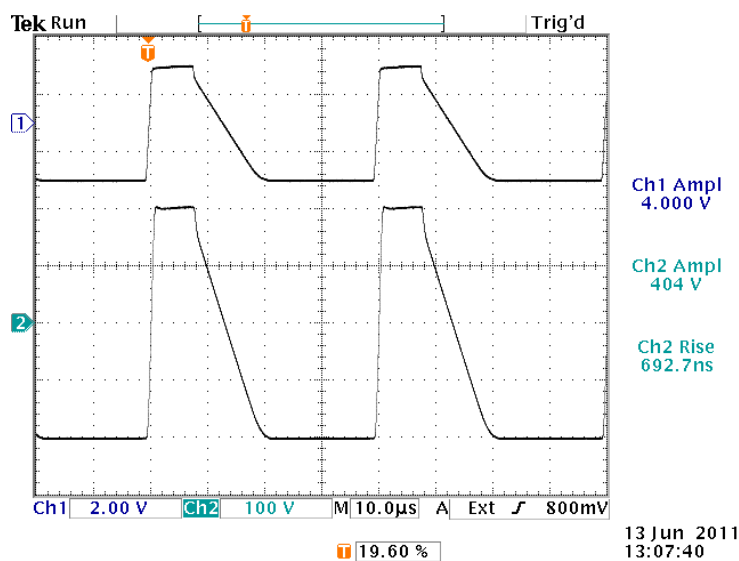
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BOX 5120, LCD MERIVALE  
OTTAWA, ONTARIO  
CANADA K2C 3H4

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PERFORMANCE CHECKSHEET

Model: AV-112A-PS  
Type: High-Voltage Variable-Gain Linear Amplifier  
S.N.: 12656  
Date: June 14, 2011



Top: Input, ±2V amplitude. 2 V/div, 10 us/div  
Bottom: Output, ±200V into 5 kΩ. 100V/div, 10 us/div.

- a) Output Signal Amplitude: 0 to ±200V to  $R \geq 5 \text{ k}\Omega$
- b) Gain: < 1 to > 100
- c) Rise Time:  $\leq 1 \text{ us}$  (to  $R \geq 5 \text{ k}\Omega$ )
- d) Fall Time:  $\leq 1 \text{ us}$  (to  $R \geq 5 \text{ k}\Omega$ )
- e) PRF: DC - 300 kHz
- f) Jitter, Stability: OK
- g) Prime Power: 100-240V, 50-60 Hz.

References levels: 20%, 80%.