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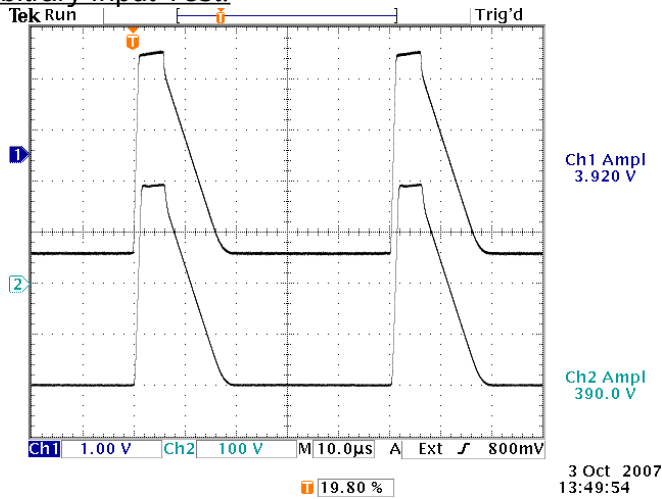
BOX 5120, LCD MERIVALE  
OTTAWA, ONTARIO  
CANADA K2C 3H4

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PERFORMANCE CHECKSHEET

Model: AV-112AH-PS  
Type: High-Voltage Variable-Gain Linear Amplifier  
S.N.: 11846  
Date: October 3, 2007

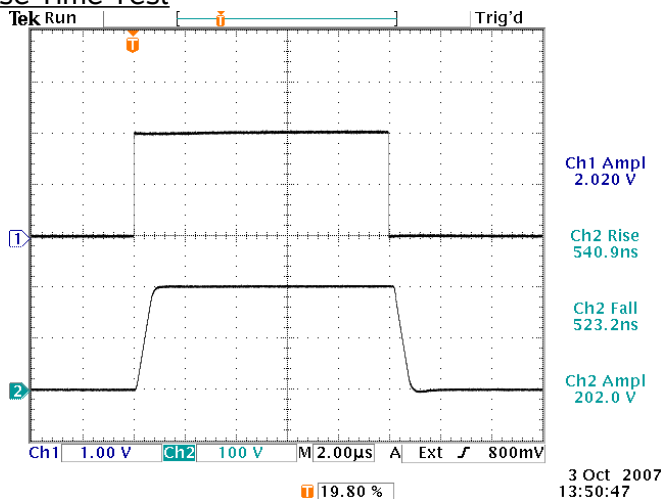
Arbitrary Input Test:



Top: Input, ±2V amplitude. 1 V/div, 10 us/div  
Bottom: Output, ±200V, to 1.2 kΩ. 100V/div, 10 us/div.

- a) Output Signal Amplitude: 0 to ±200V to  $R \geq 1.2 \text{ k}\Omega$
- b) Gain: x1 to x100
- c) Rise Time:  $\leq 1 \text{ us}$  (to  $R \geq 1.2 \text{ k}\Omega$ )
- d) Fall Time:  $\leq 1 \text{ us}$  (to  $R \geq 1.2 \text{ k}\Omega$ )
- e) PRF: DC - 300 kHz
- f) Jitter, Stability: OK
- g) Prime Power: 100-240V, 50-60 Hz.

Rise Time Test



Top: Input, +2V amplitude. 1 V/div, 2 us/div  
Bottom: Output, +200V, into 1.2 kΩ. 100V/div, 2 us/div.

References levels: 10%, 90%.