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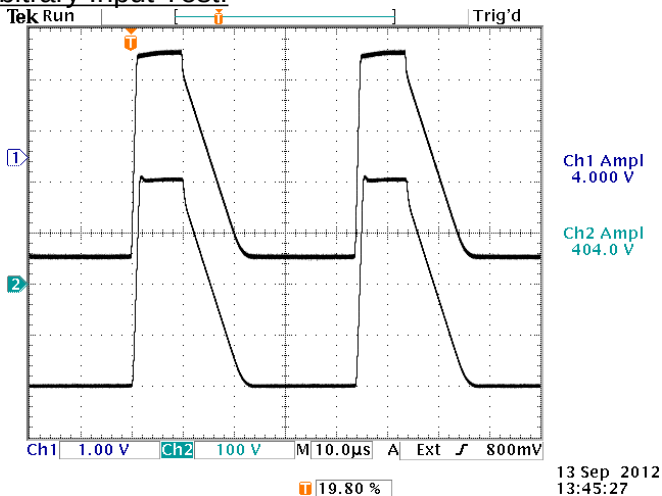
BOX 5120, LCD MERIVALE
OTTAWA, ONTARIO
CANADA K2C 3H4

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PERFORMANCE CHECKSHEET

Model: AV-112AH-PS
Type: High-Voltage Variable-Gain Linear Amplifier
S.N.: 12894
Date: September 14, 2012

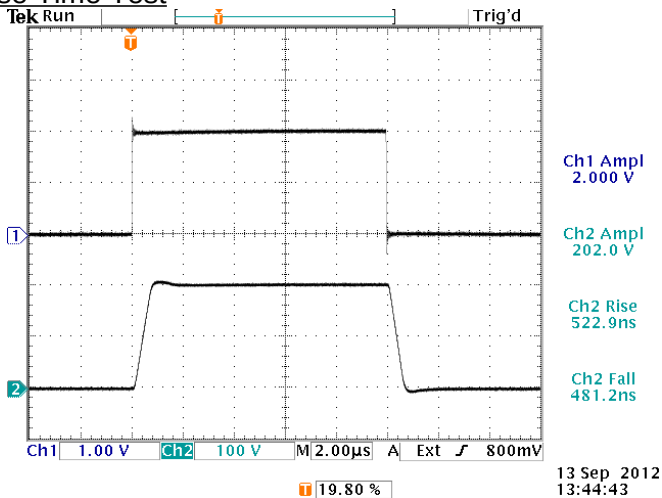
Arbitrary Input Test:



Top: Input, $\pm 2V$ amplitude. 1 V/div, 10 us/div
Bottom: Output, $\pm 200V$, to 1.2 k Ω . 100V/div, 10 us/div.

- a) Output Signal Amplitude: 0 to $\pm 200V$ to $R \geq 1.2 k\Omega$
- b) Gain: x1 to x100
- c) Rise Time: $\leq 1 us$ (to $R \geq 1.2 k\Omega$)
- d) Fall Time: $\leq 1 us$ (to $R \geq 1.2 k\Omega$)
- 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 k Ω . 100V/div, 2 us/div.

References levels: 10%, 90%.