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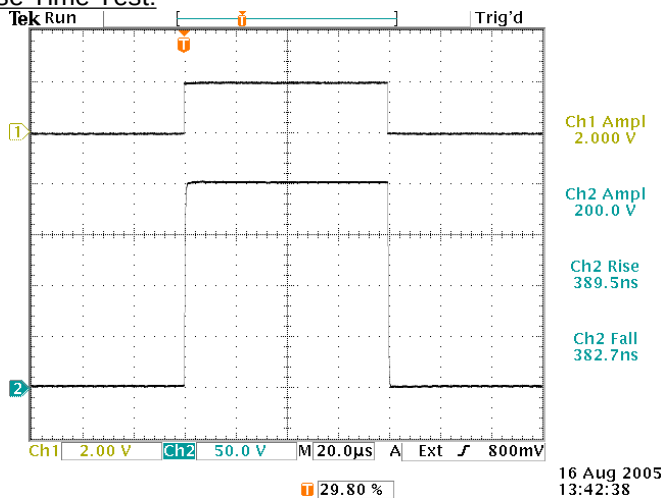
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PERFORMANCE CHECKSHEET

Model: AV-112AH-PS  
S.N.: 10995  
Date: August 16, 2005

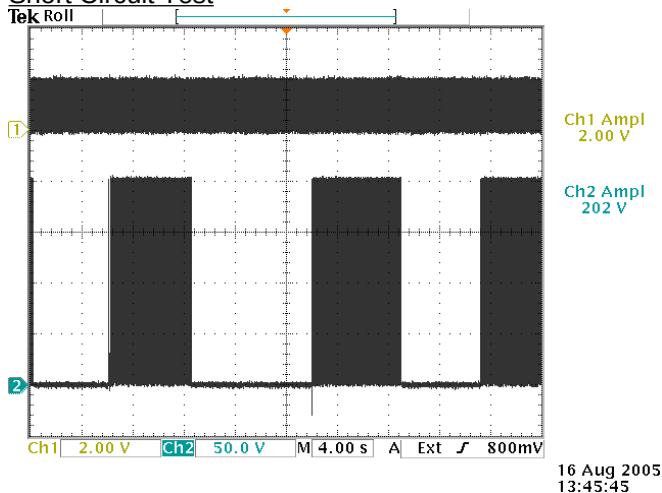
Rise Time Test:



Top: Input, +2V, 80 us PW, 5 kHz. 2 V/div, 20 us/div  
Bottom: Output, +200V, into 1.2 kΩ. 50V/div, 20 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.

Short Circuit Test



Top: Input, +2V, 80 us PW, 5 kHz. 2 V/div, 4 sec/div.  
Bottom: Output, +200V. 50V/div, 4 sec/div. The load is switched between 1.2 kΩ and 3.9 Ω every few seconds. The output voltage falls to zero (approx.) for the 3.9 Ω loading.

Rise/Fall references levels: 20%, 80%.