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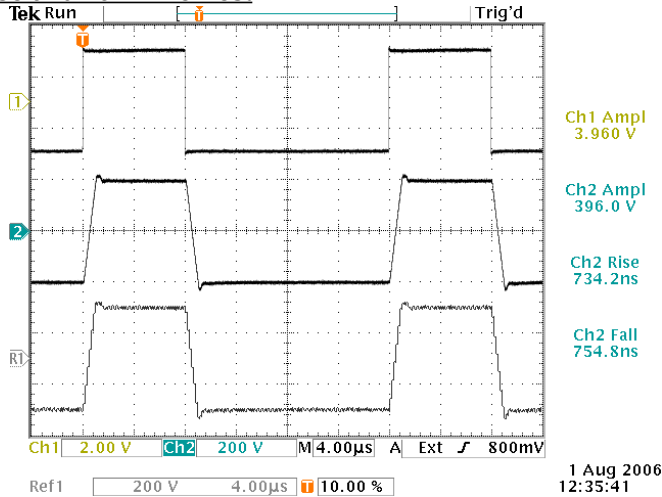
BOX 5120, LCD MERIVALE
OTTAWA, ONTARIO
CANADA K2C 3H4

info@avtechpulse.com - http://www.avtechpulse.com/

PERFORMANCE CHECKSHEET

Model: AV-110G-PS-D
Type: High-Voltage Dual-Channel Linear Amplifier
S.N.: 11535
Date: August 1, 2006

Rise and Fall Time Test



Top: $\pm 2V$ input (connected to IN A and IN B). 2V/div.
Middle: OUT A ($\pm 200V$) into a 50 k Ω load. 200V/div.
Bottom: OUT B ($\pm 200V$) into a 50 k Ω load. 200V/div.
All: 4 μs /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%): $< 1 \mu s$

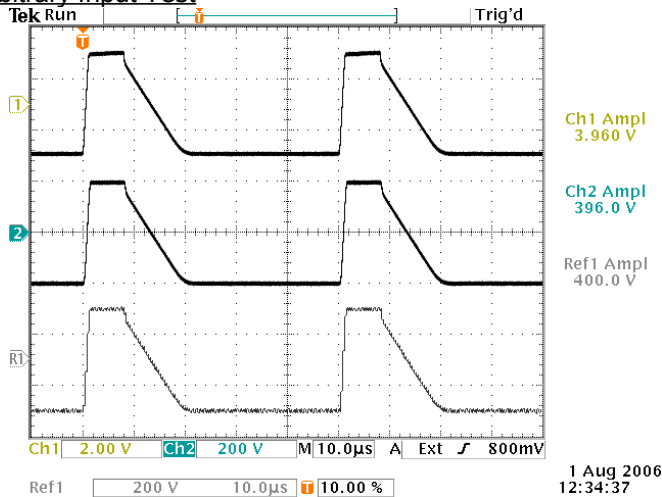
d) Fall Time (80%-20%): $< 1 \mu s$

e) Bandwidth: 350 kHz

f) Jitter, Stability: OK

g) Prime Power: 100-240V AC, 50-60 Hz.

Arbitrary Input Test



Top: $\pm 2V$ input (connected to IN A and IN B). 2V/div.
Middle: OUT A ($\pm 200V$) into a 50 k Ω load. 200V/div.
Bottom: OUT B ($\pm 200V$) into a 50 k Ω load. 200V/div.
All: 10 μs /div.

Waveform references levels: 10%, 90%.