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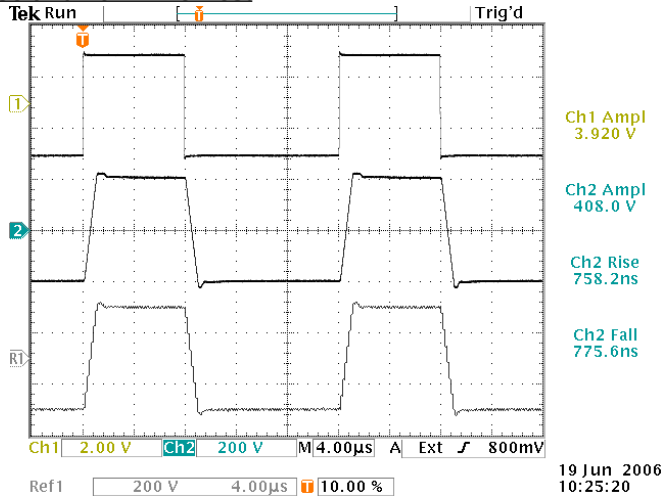
BOX 5120, LCD MERIVALE
OTTAWA, ONTARIO
CANADA K2C 3H4

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

PERFORMANCE CHECKSHEET

Model: AV-110G-PS-D
Type: High-Voltage Dual-Channel Linear Amplifier
S.N.: 11505
Date: June 19, 2006

Rise and Fall Time Test



a) Output Signal Amplitude: 0 to ±200V,
to $R \geq 50 \text{ k}\Omega$

b) Gain: $\times 1$ to $\times 100$

c) Rise Time (20%-80%): $< 1 \text{ }\mu\text{s}$

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

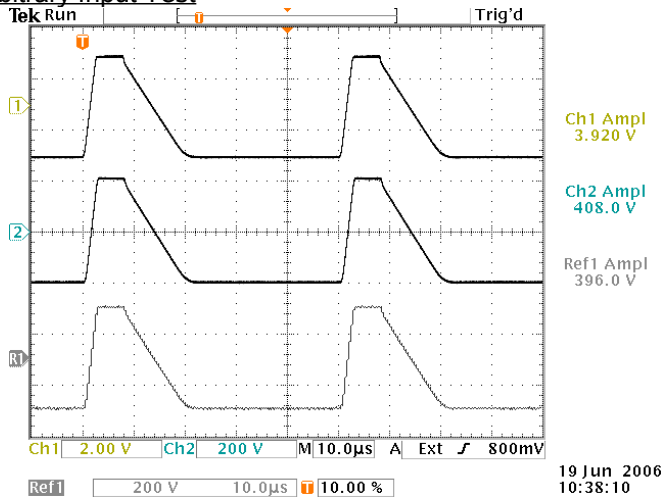
e) Bandwidth: 350 kHz

f) Jitter, Stability: OK

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

Top: ±2V input (connected to IN A and IN B). 2V/div.
Middle: OUT A (±200V) into a 50 kΩ load. 200V/div.
Bottom: OUT B (±200V) into a 50 kΩ load. 200V/div.
All: 4 μs/div.

Arbitrary Input Test



Top: ±2V input (connected to IN A and IN B). 2V/div.
Middle: OUT A (±200V) into a 50 kΩ load. 200V/div.
Bottom: OUT B (±200V) into a 50 kΩ load. 200V/div
All: 10 μs/div.

Waveform references levels: 10%, 90%.