



P.O. BOX 265
OGDENSBURG, NY
U.S.A. 13669-0265

TEL: 888-670-8729 (USA & Canada) or +1-613-226-5772 (Intl)
FAX: 800-561-1970 (USA & Canada) or +1-613-226-2802 (Intl)

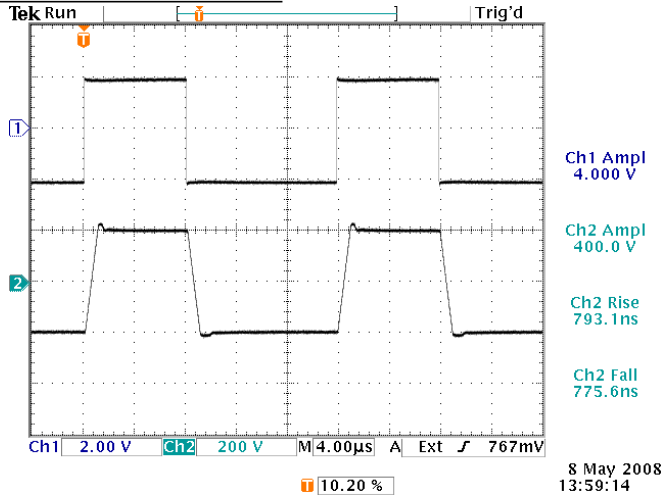
BOX 5120, LCD MERIVALE
OTTAWA, ONTARIO
CANADA K2C 3H4

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

PERFORMANCE CHECKSHEET

Model: AV-110G-PS
Type: High-Voltage Linear Amplifier
S.N.: 12001
Date: May 8, 2008

Rise and Fall Time Test



Top: ±2V input. 2V/div. 4 us/div.
Bottom: OUT (±200V) to 50 kΩ. 200V/div. 4 us/div.

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

b) Gain: ×1 to ×100

c) Rise Time (20%-80%): < 1 us

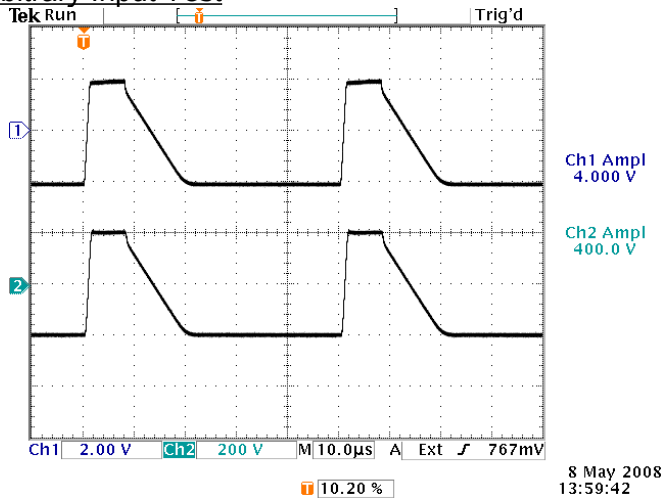
d) Fall Time (80%-20%): < 1 us

e) Bandwidth: 350 kHz

f) Jitter, Stability: OK

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

Arbitrary Input Test



Top: ±2V input. 2V/div. 10 us/div.
Bottom: OUT (±200V) to 50 kΩ. 200V/div. 10 us/div.

Waveform references levels: 10%, 90%.