AVTECH ELECTROSYSTEMS LTD.
NANOSECOND WAVEFORM ELECTRONICS
SINCE 1975

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OTTAWA, ONTARIO
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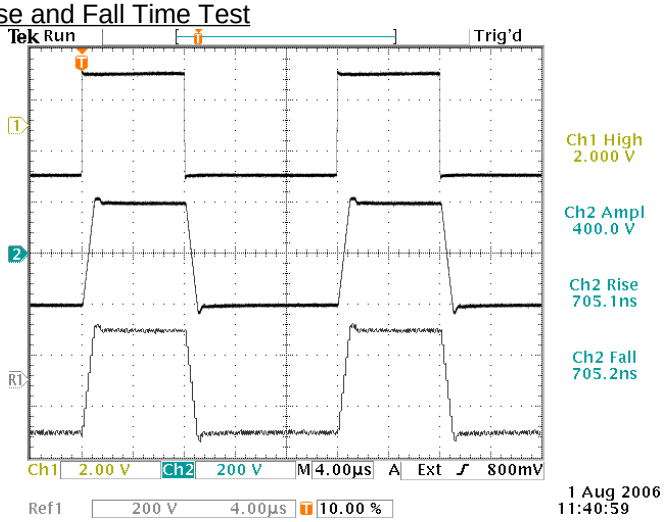
PERFORMANCE CHECKSHEET

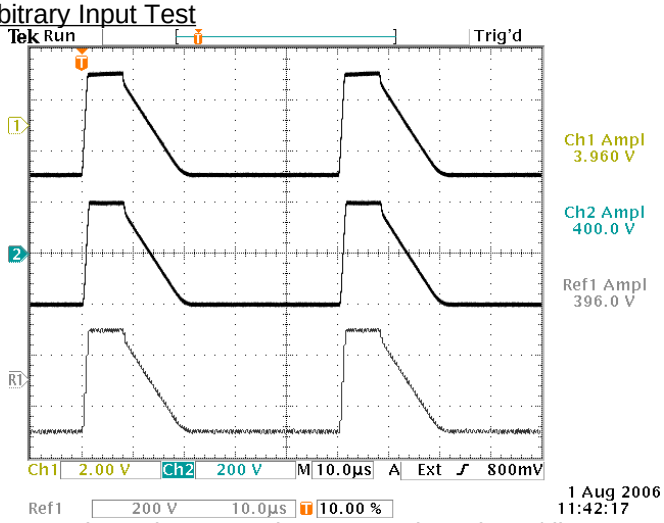
Model: AV-110G-PS-D
Type: High-Voltage Dual-Channel Linear Amplifier
S.N.: 11534
Date: August 1, 2006

Rise and Fall Time 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: 4 us/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 us/div.

a) Output Signal Amplitude: 0 to ±200V, to R ≥ 50 kΩ

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.

Waveform references levels: 10%, 90%.