

PULSE GENERATOR

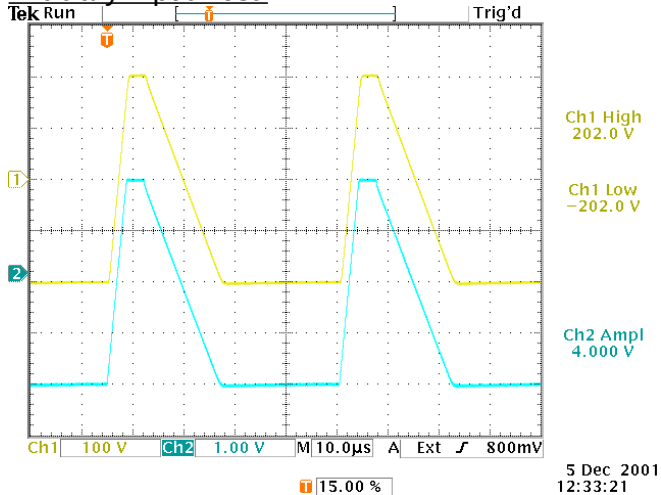
PERFORMANCE CHECK

Model: AV-112A-PS

S.N.: 10023

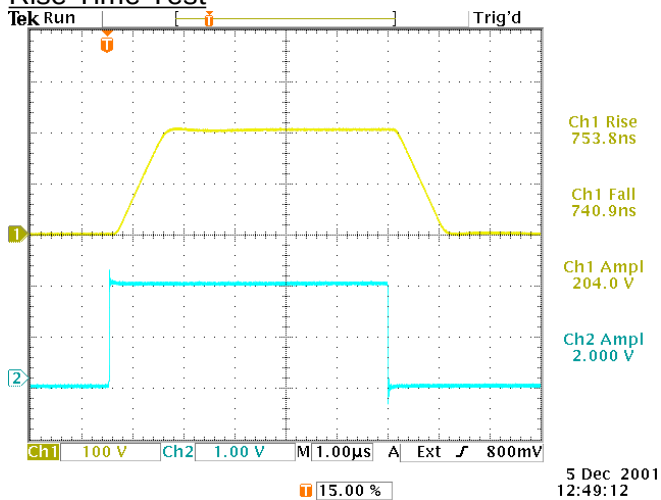
Date: December 5, 2001

Arbitrary Input Test:



Top: Output, $\pm 200\text{V}$, into $5\text{ k}\Omega$. 100V/div, 10 μs /div.
Bottom: Input, $\pm 2\text{V}$ amplitude. 2 V/div, 10 μs /div

Rise Time Test



Top: Output, +200V, into $5\text{ k}\Omega$. 100V/div, 1 μs /div.
Bottom: Input, +2V amplitude. 1 V/div, 1 μs /div

a) Output Signal Amplitude: 0 to $\pm 200\text{V}$

b) Gain: x1 to x100

c) Rise Time: $< 1\text{ }\mu\text{s}$

d) Fall Time: $< 1\text{ }\mu\text{s}$

e) PRF: DC - 300 kHz

f) Jitter, Stability: OK

g) Prime Power: 120/240V AC, 50-60 Hz,