

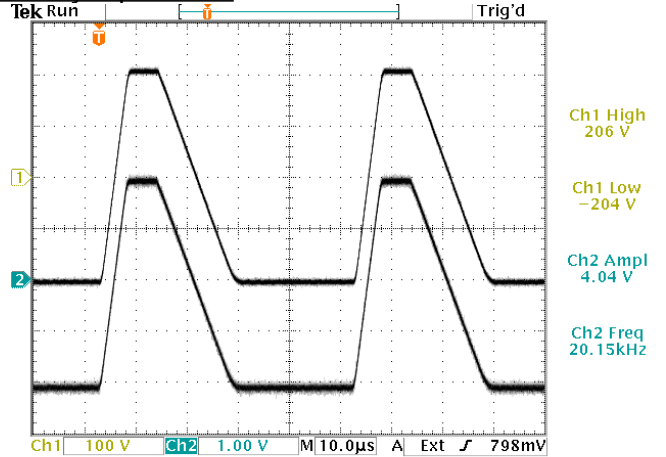
PULSE GENERATOR
PERFORMANCE CHECK

Model: AV-112A-PS

S.N.: 10625

Date: May 13, 2003

Arbitrary Input Test:



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

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

b) Gain: x1 to x100

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

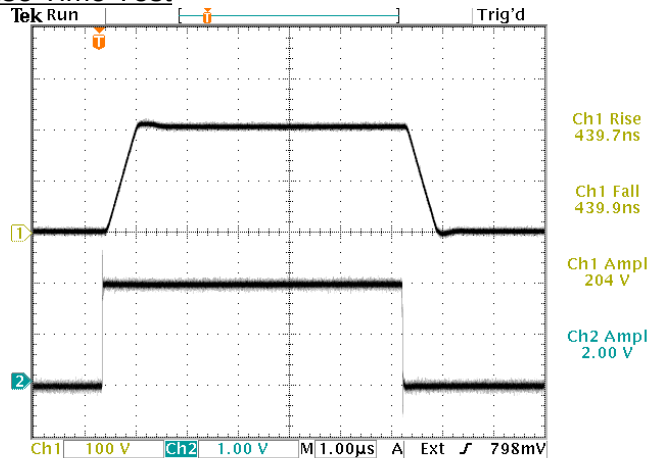
d) Fall Time: $< 1\text{ }\mu\text{s}$

e) PRF: DC - 300 kHz

f) Jitter, Stability: OK

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

Rise Time Test



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