

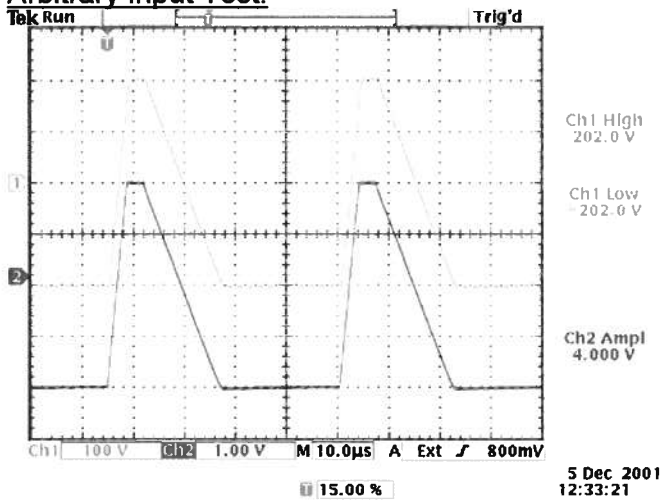
PULSE GENERATOR  
PERFORMANCE CHECK

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  $\mu\text{s}/\text{div}$ .  
Bottom: Input,  $\pm 2\text{V}$  amplitude. 2 V/div, 10  $\mu\text{s}/\text{div}$

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

b) Gain: x1 to x100 ✓

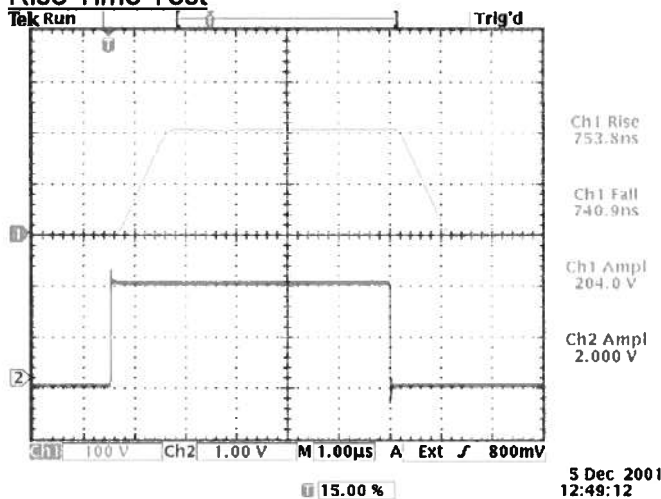
c) Rise Time:  $< 1\text{ }\mu\text{s}$  ✓

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

e) PRF: DC - 300 kHz ✓

f) Jitter, Stability: OK ✓

Rise Time Test



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

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