

# PULSE GENERATOR

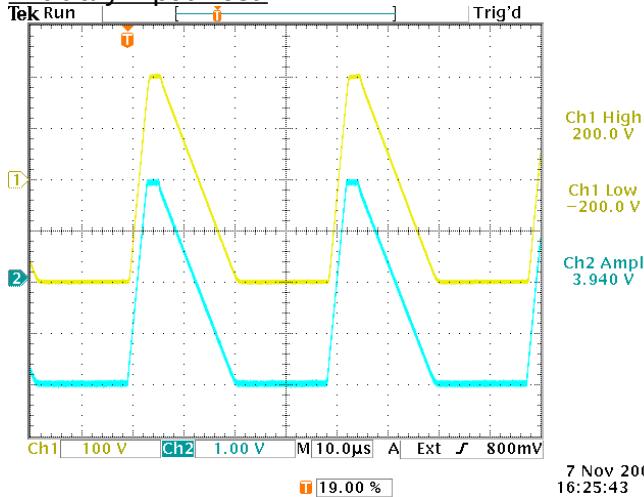
## PERFORMANCE CHECK

Model: AV-112A-PS

S.N.: 10002

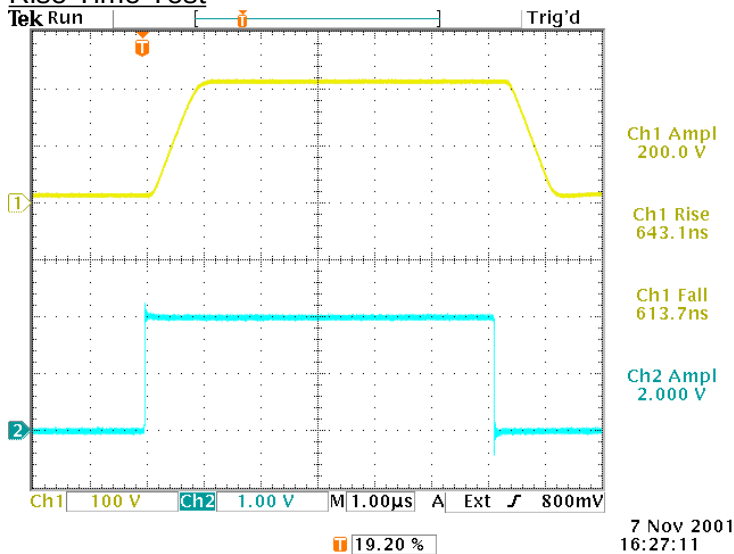
Date: November 7, 2001

### Arbitrary Input Test:



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

### Rise Time Test



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