

# PULSE GENERATOR

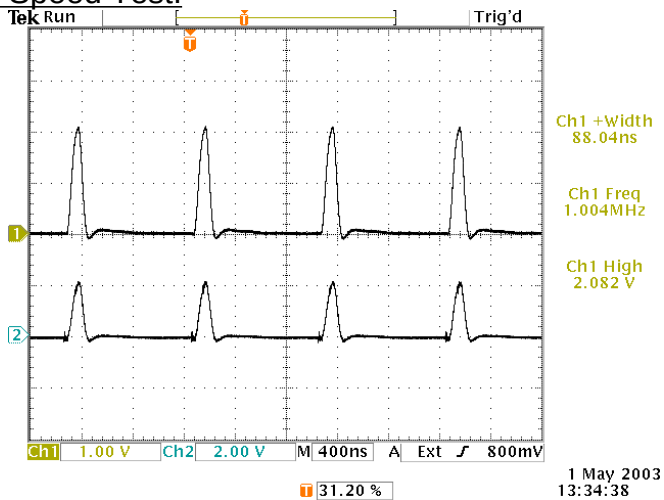
## PERFORMANCE CHECK

Model: AV-155C-C-P (-PN feature included at no additional charge)

S.N.: 10584

Date: May 1, 2003

### High Speed Test:



Top: OUT, +2A into 1Ω load (on LZ line), 1 MHz, 100 ns PW  
Bottom: Monitor output into 10 kΩ load.  
Both: 1 V/div, 400 ns/div

a) Output Signal Amplitude: 0 to ±2 A,  
plus 0 to ±500 mA offset

b) Pulse Width: 100 ns – 1 ms

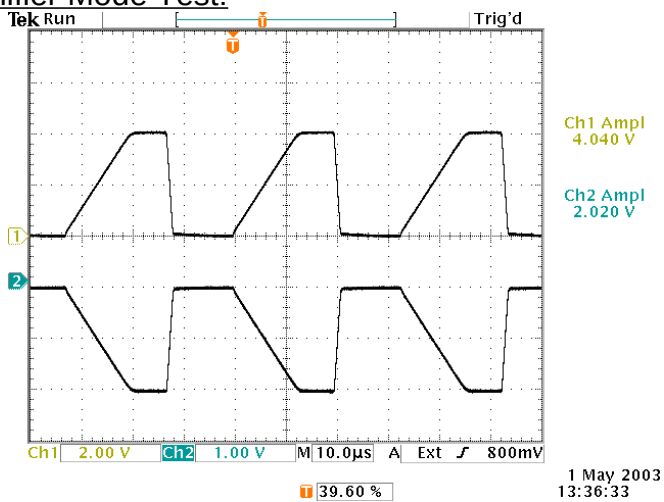
c) Rise Time: < 50 ns

d) Fall Time: < 50 ns

e) PRF: 1 Hz - 1 MHz

f) Jitter, Stability: OK

### Amplifier Mode Test:



Top: OUT, +4V input from AV-1000-C pulse generator  
Bottom: -2A output into 1 Ohm, "Ext Amplify" mode,  
negative polarity.  
Both: 10 μs/div

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