

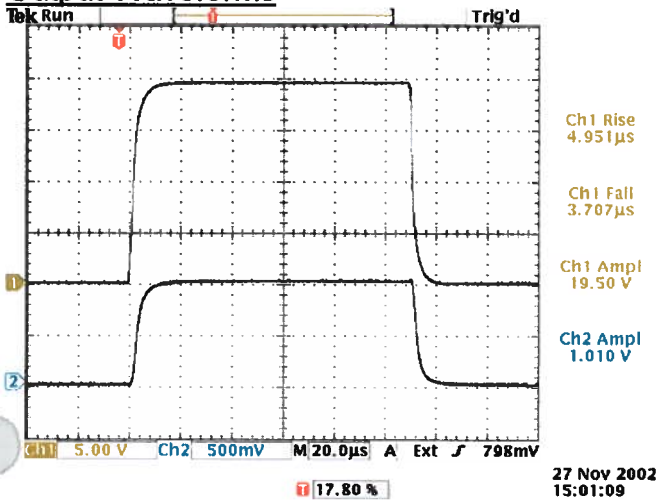
PULSE GENERATOR
PERFORMANCE CHECK

Model: AV-108A-1-C-P

S.N.: 10367

Date: November 27, 2002

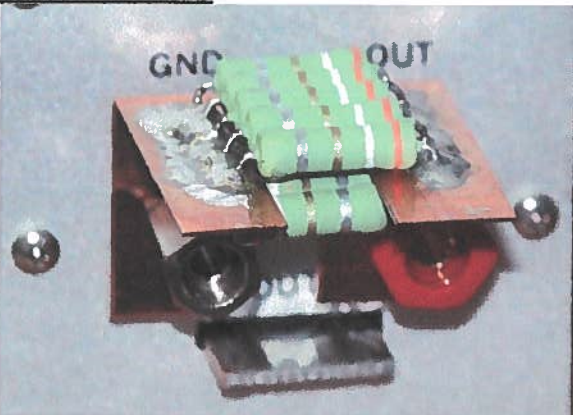
Output Waveforms



Top: Output waveform (5V/div, 20 μ s/div) for:
PRF=50 Hz, PW=100 μ s, AMPL=+50A, $R_L=0.39\Omega$

Bottom: Monitor output (0.5V/div, 20 μ s/div)

Test Load Connection:



The test load consists of ten Ohmite OY-series 3.9 Ohm resistors connected in parallel, and attached to copper strips as shown. (This arrangement yields low parasitic inductance.)

- a) Output Signal Amplitude: 0 to +50A
- b) Pulse Width: 10 μ s - 1 ms
- c) Rise Time: ≤ 7 μ s
- d) Fall Time: ≤ 7 μ s
- e) PRF: 1 - 1000 Hz
- f) Jitter, Stability: OK
- g) Prime Power: 120/240V AC, 50-60 Hz,