

PULSE GENERATOR

PERFORMANCE CHECK

Model: AV-108A-2-B-P

S.N.: 10588

Date: March 6, 2003

a) Output Signal Amplitude: 0 to +100A

b) Pulse Width: 10 us - 1 ms

c) Rise Time: ≤ 7 us

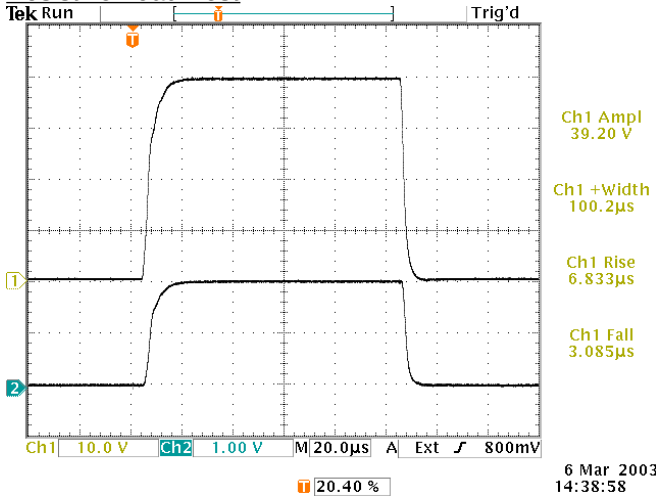
d) Fall Time: ≤ 7 us

e) PRF: 1 - 1000 Hz

f) Jitter, Stability: OK

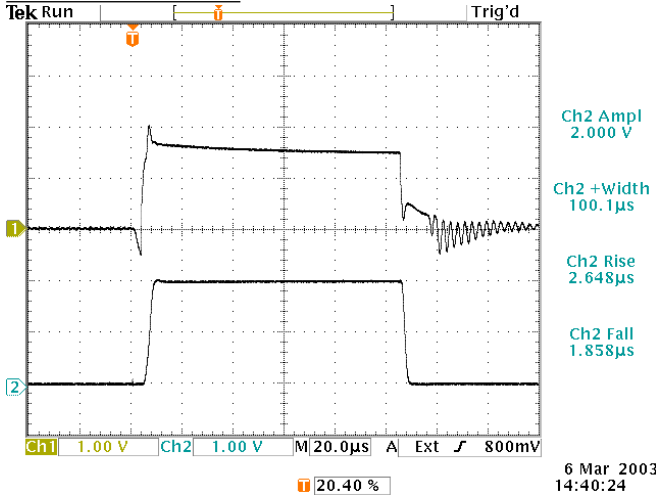
g) Prime Power: 120/240V AC, 50-60 Hz,

Resistive Load Test



Top: Output waveform (10V/div, 20us/div) for PRF=100 Hz, PW=100us, AMPL=+100A, $R_L=0.39\Omega$
Bottom: Monitor output (1V/div, 20us/div)

Resistive Load Test



Top: Output waveform (10V/div, 20us/div) for PRF=100 Hz, PW=100us, AMPL=+100A, into an APT15S20K power diode.
Bottom: Monitor output (1V/div, 20us/div)