

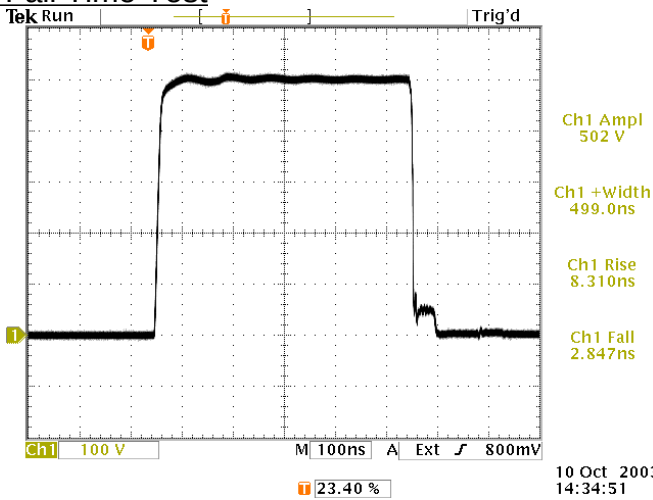
PULSE GENERATOR
PERFORMANCE CHECK

Model: AVRZ-5W-B

S.N.: 10692

Date: October 10, 2003

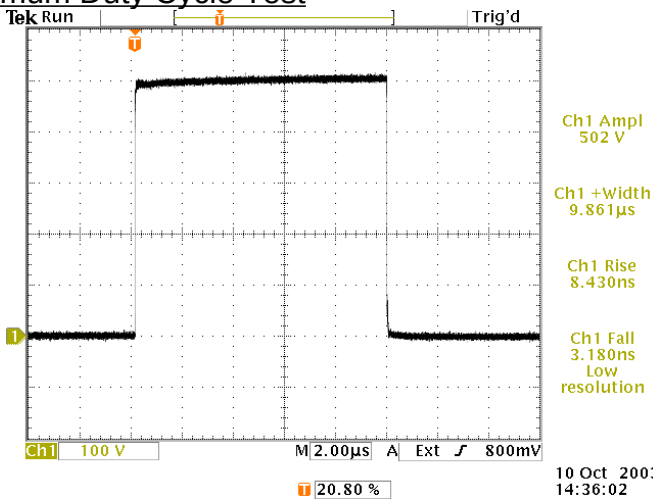
Rise/Fall Time Test



+500V, 50Ω load, PW = 500 ns. 100 V/div, 100 ns/div.

- a) Output Signal Amplitude: 0 to +500V, to 50Ω
- b) Pulse Width: 10 ns - 10 us, 0.1% duty cycle
- c) Rise Time (20%-80%): < 9 ns
- d) Fall Time (80%-20%): < 5 ns
- e) PRF: 1 Hz - 5 kHz
- f) Jitter, Stability: OK

Maximum Duty Cycle Test



+500V, 50Ω load, PW = 10 μs, PRF = 100 Hz. 100 V/div, 2 μs/div.

- g) Prime Power: 100-240V AC, 50-60 Hz

Reference levels: 20%, 80%.