

PULSE GENERATOR

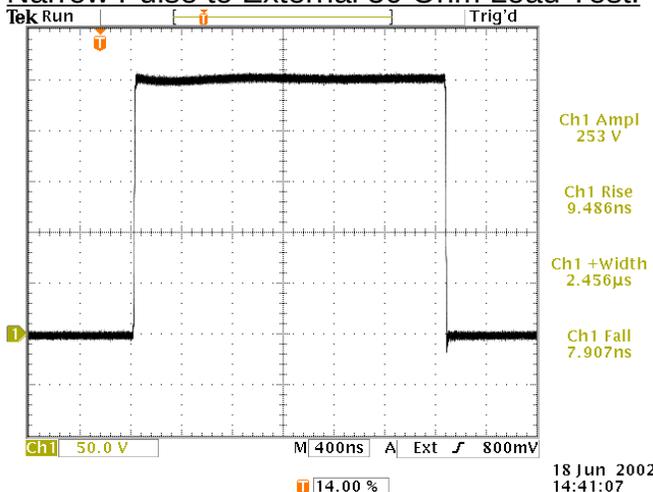
PERFORMANCE CHECK

Model: AVR-3-PW-C-P-TEK2

S.N.: 10270

Date: June 18, 2002

Narrow Pulse to External 50 Ohm Load Test:



Output of "OUT" connector, terminated into an external 50 Ohm load. Viewed with TDS3052 scope. 50V/div, 400 ns/div.

a) Output Signal Amplitude: 0 – 250 Volts to 50 Ohms (i.e., 0 to +5 Amps)

b) Pulse Width: 0.25 - 250 μ s (maximum duty cycle 0.25%)

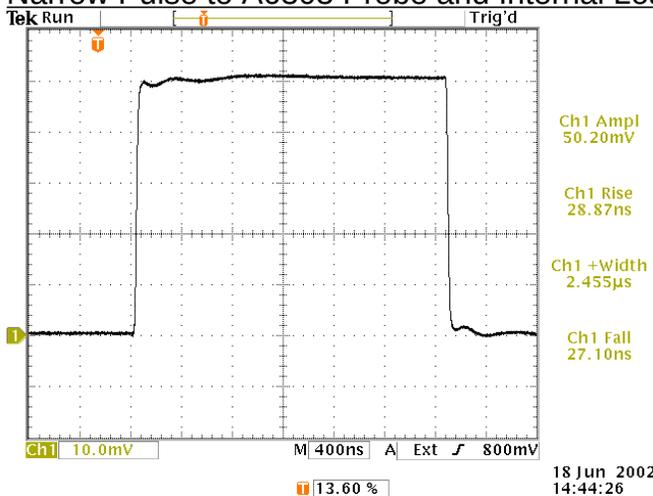
c) Rise Time: < 10 ns (20-80%)

d) Fall Time: < 10 ns

e) PRF: 0 - 10 kHz (maximum duty cycle 0.25%)

f) Jitter, Stability: OK

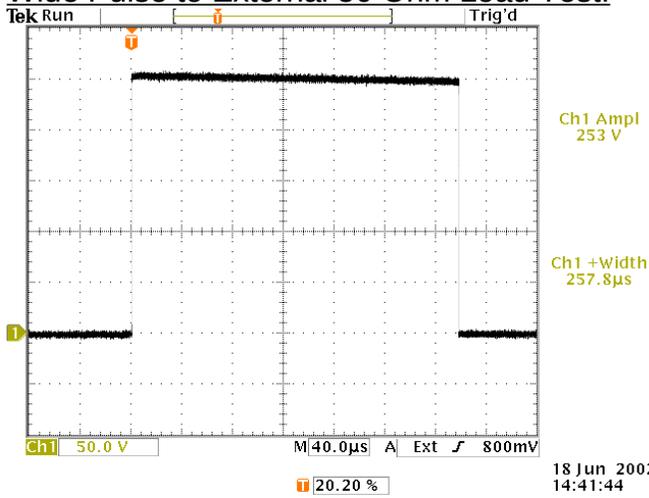
Narrow Pulse to A6303 Probe and Internal Load Test:



Output of A6303 probe, viewed with TDS3052 scope. The A6303 probe is clamped to the shorting bar.

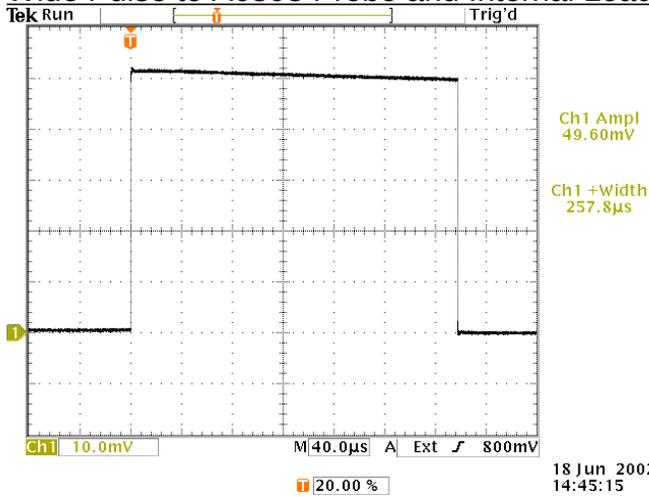
g) Prime Power: 120/240V AC, 50-60 Hz,

Wide Pulse to External 50 Ohm Load Test:



Output of "OUT" connector, terminated into an external 50 Ohm load. Viewed with TDS3052 scope. 50V/div, 40 us/div.

Wide Pulse to A6303 Probe and Internal Load Test:



Output of A6303 probe, viewed with TDS3052 scope. The A6303 probe is clamped to the shorting bar.