

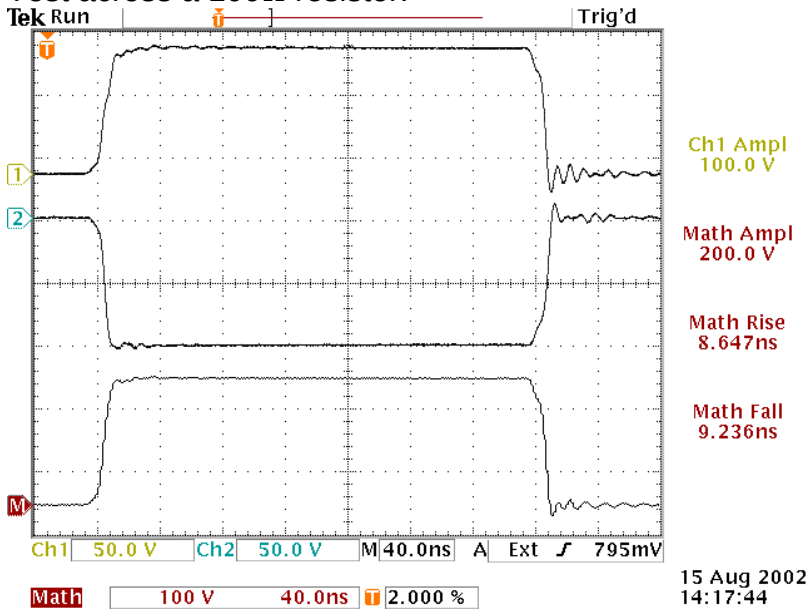
PULSE GENERATOR
PERFORMANCE CHECK

Model: AVR-3-B-PN-TELD

S.N.: 10328

Date: August 16, 2002

Test across a 100Ω resistor:



a) Output Signal Amplitude: 0 to $\pm 200\text{V}$, with 50Ω output impedance, to $R_L \geq 50\Omega$ (for single-ended operation), or to $R_L \geq 100\Omega$ (for differential operation)

b) Pulse Width: 100 ns – 100 μs
(0.5% max. duty cycle)

c) Rise Time: ≤ 10 ns

d) Fall Time: ≤ 10 ns

e) PRF: 0 - 10 kHz

f) Jitter, Stability: OK

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

Top: OUT 1, set at +200V. 50V/div, 40 ns/div.
Connected to one end of the 100Ω resistor.

Mid: OUT 2, set at -200V. 50V/div, 40 ns/div.
Connected to the other end of the 100Ω resistor.

Bot: OUT 1 – OUT 2 (calculated), representing the
voltage across the 100Ω resistor. 100V/div, 40 ns/div.