

# PULSE GENERATOR

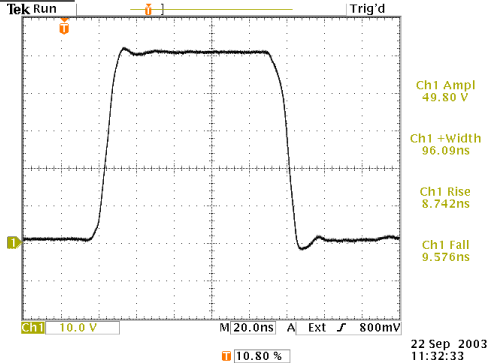
## PERFORMANCE CHECK

Model: AV-1011-B-R5

S.N.: 10756

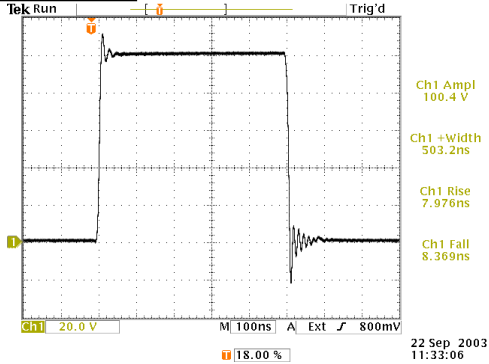
Date: September 22, 2003

### Maximum PRF Test:



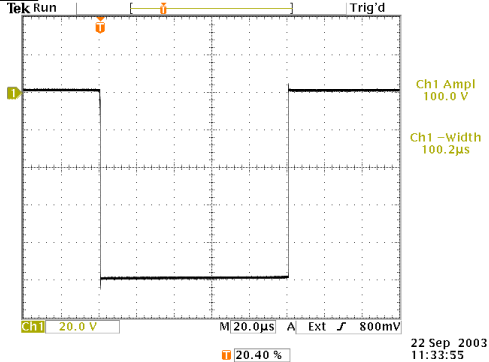
Output waveform (10V/div, 20 ns/div) for:  
PRF=1 MHz, PW=100ns, AMPL=+100V, ZOUT=50Ω

### Medium Width Pulse Test:



Output waveform (20V/div, 100 ns/div) for:  
PRF=100 kHz, PW=500ns, AMPL=+100V, ZOUT=2Ω

### Wide Pulse Test:



Output waveform (20V/div, 20 µs/div) for:  
PRF=100 Hz, PW=100 µs, AMPL=-100V, ZOUT=2Ω

- a) Output Signal Amplitude: 0 to ±100V  
( $R_L \geq 50\Omega$ )
- b) Pulse Width: 100 ns - 1 ms  
(10% max. duty cycle at 100V)
- c) Rise Time:  $\leq 10$  ns
- d) Fall Time:  $\leq 10$  ns
- e) PRF: 0 - 1 MHz
- f) Jitter, Stability: OK
- g) Prime Power: 120 / 240 V AC, 50 - 60 Hz