

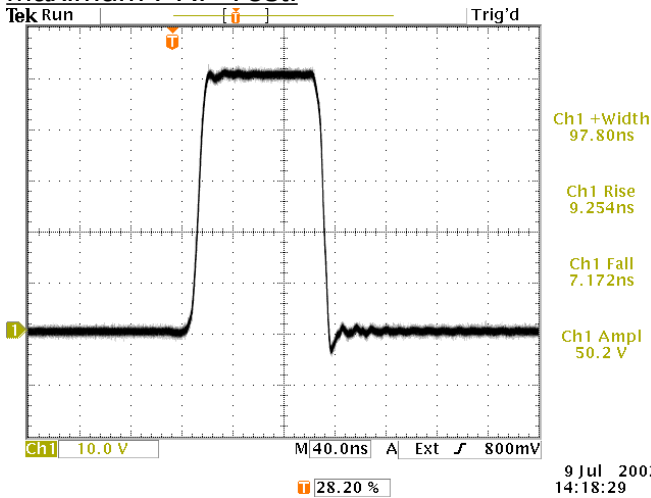
PULSE GENERATOR  
PERFORMANCE CHECK

Model: AV-1011-B

S.N.: 10336

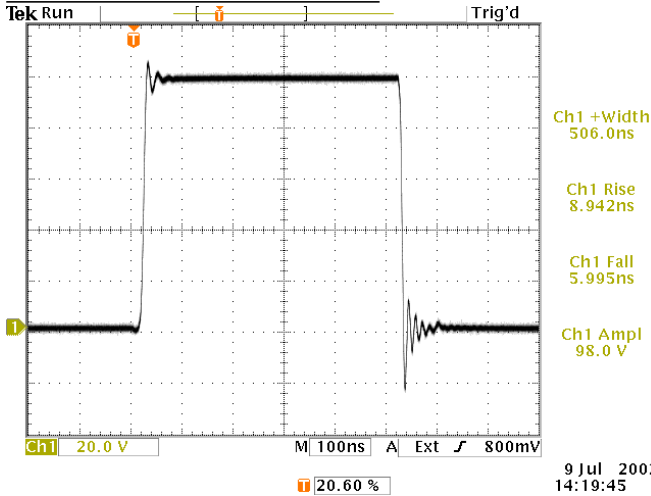
Date: July 9, 2002

Maximum PRF Test:



Output waveform (10V/div, 40 ns/div) for:  
PRF=1 MHz, PW=100ns, AMPL=+100V, ZOUT=50Ω

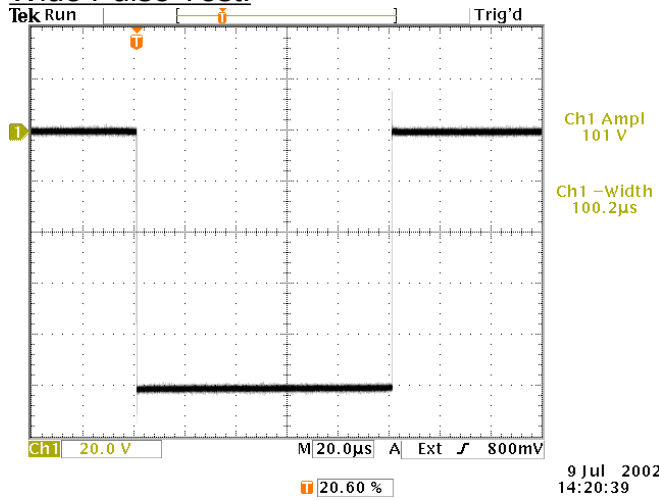
Medium Width Pulse Test:



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

- a) Output Signal Amplitude: 0 to  $\pm 100V$   
( $R_L \geq 50\Omega$ )
- 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: 120/240V AC, 50-60 Hz,

### Wide Pulse Test:



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