

PULSE GENERATOR

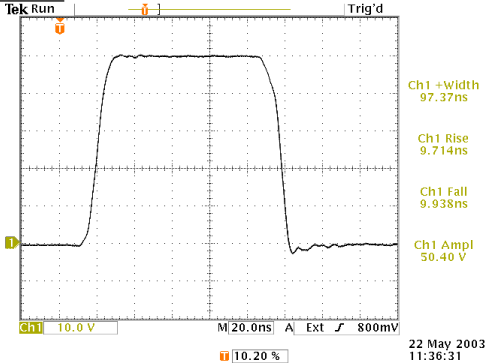
PERFORMANCE CHECK

Model: AV-1011-B

S.N.: 10637

Date: September 23, 2002

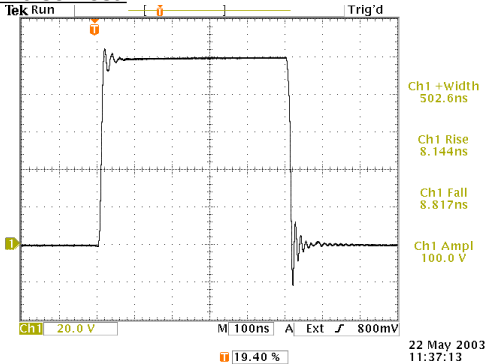
Maximum PRF Test:



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

- 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: ≤ 10 ns
- d) Fall Time: ≤ 10 ns
- e) PRF: 0 - 1 MHz

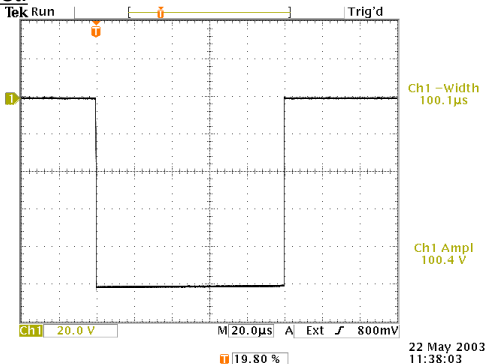
Medium Width Pulse Test:



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

- f) Jitter, Stability: OK
- g) Prime Power: 100 - 240 V AC, 50 - 60 Hz

Wide Pulse Test:



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