

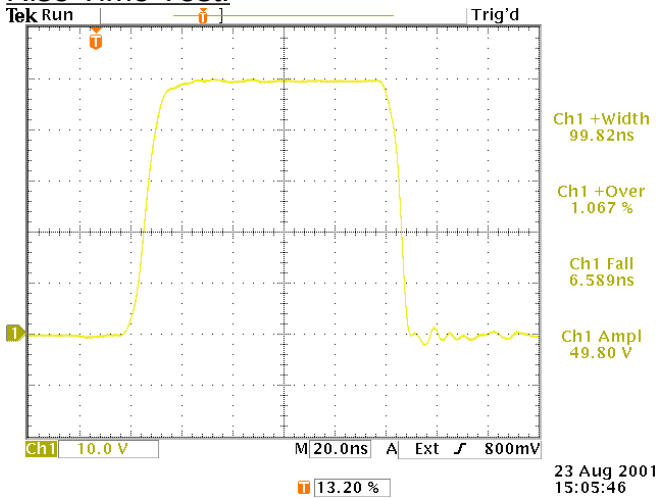
PULSE GENERATOR
PERFORMANCE CHECK

Model: AV-1011-B-OT-R5

S.N.: 9913

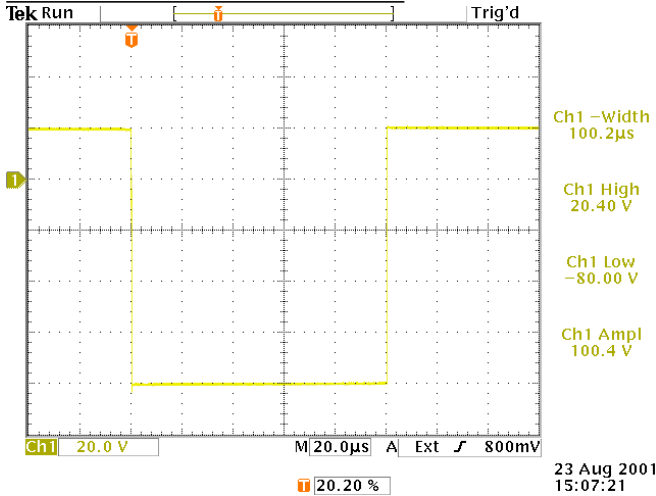
Date: August 23, 2001

Rise Time Test:



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

Wide Pulse and Offset Test:



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

- a) Output Signal Amplitude: 0 to $\pm 100V$
($R_L \geq 50\Omega$)
- b) Offset: 0 to $\pm 20V$ ($R_L \geq 50\Omega$)
- c) Pulse Width: 100 ns - 1 ms
(10% max. duty cycle at 100V)
- d) Rise Time: ≤ 10 ns
- e) Fall Time: ≤ 10 ns
- f) PRF: 0 - 1 MHz
- g) Jitter, Stability: OK
- h) Prime Power: 120/240V AC, 50-60 Hz,