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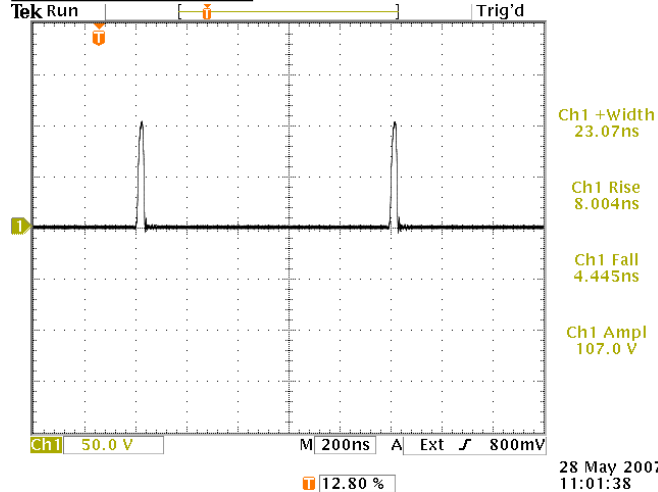
BOX 5120, LCD MERIVALE
OTTAWA, ONTARIO
CANADA K2C 3H4

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PERFORMANCE CHECKSHEET

Model: AV-1010-C
Type: General-Purpose High-Voltage Pulse Generator
S.N.: 6724-RPL (replacement for older equivalent)
Date: May 28, 2007

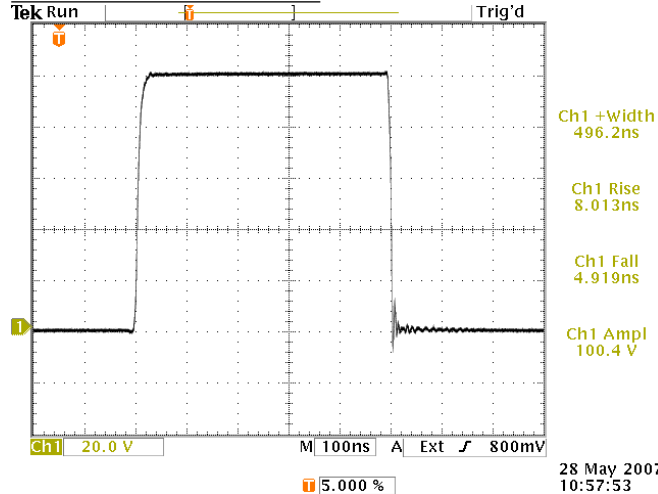
Maximum PRF Test:



Output waveform (50V/div, 200 ns/div) for PRF=1 MHz, PW=25 ns, AMPL=+100V.

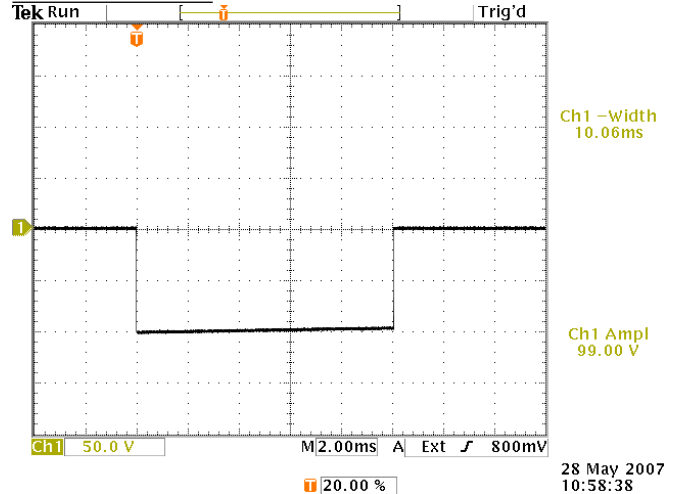
- a) Output Signal Amplitude: 0 to $\pm 100V$ (RL $\geq 50\Omega$)
- b) Pulse Width (FWHM): 25 ns - 10 ms (10% max. duty cycle at 100V)
- c) Rise Time (20%-80%): ≤ 10 ns
- d) Fall Time (80%-20%): ≤ 10 ns
- e) PRF: 0 - 1 MHz
- f) Jitter, Stability: OK
- g) Prime Power: 100-240V AC, 50-60 Hz.

Medium Width Pulse Test:



Output waveform (20V/div, 100 ns/div) for PRF=100 kHz, PW=500ns, AMPL=+100V.

Wide Pulse Test:



Output waveform (50V/div, 2 ms/div) for PRF=5 Hz, PW=10 ms, AMPL=-100V.

Reference levels: 20%, 80%