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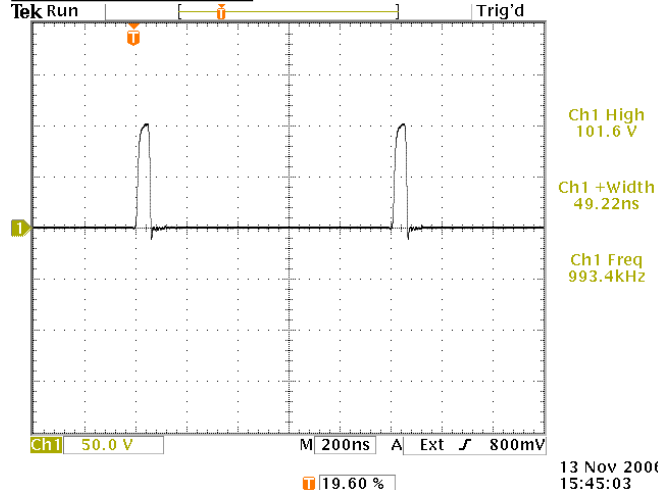
BOX 5120, LCD MERIVALE
OTTAWA, ONTARIO
CANADA K2C 3H4

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PERFORMANCE CHECKSHEET

Model: AV-1010-B-NTUA
Type: General-Purpose High-Voltage Pulse Generator
S.N.: 11598
Date: November 13, 2006

Maximum PRF Test:

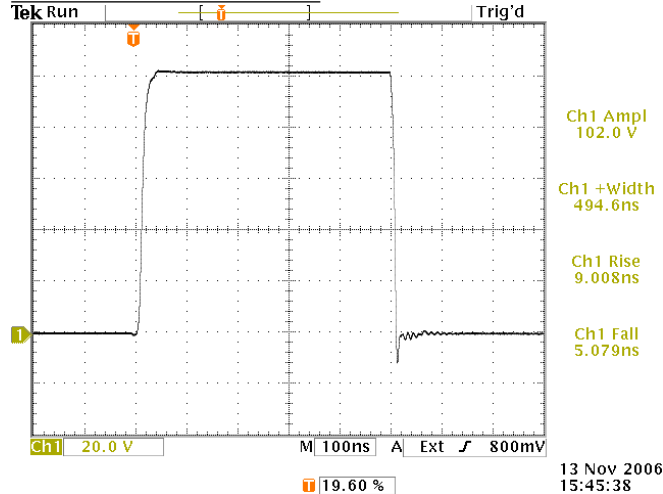


- a) Output Signal Amplitude: 0 to $\pm 100V$
($R_L \geq 50\Omega$ for $PW \leq 10$ ms,
 $R_L \geq 1$ M Ω for $PW > 10$ ms)
- b) Pulse Width (FWHM): 25 ns - 100 ms
- c) Rise Time (20%-80%): ≤ 10 ns
- d) Fall Time (80%-20%): ≤ 10 ns
- e) PRF: 0 - 1 MHz
- f) Jitter, Stability: OK
- g) Prime Power: 100-240V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

Output waveform (50V/div, 200 ns/div) for:
PRF=1 MHz, PW=50 ns, AMPL=MAX, ZOUT=2 Ω , with
a 50 Ohm load.

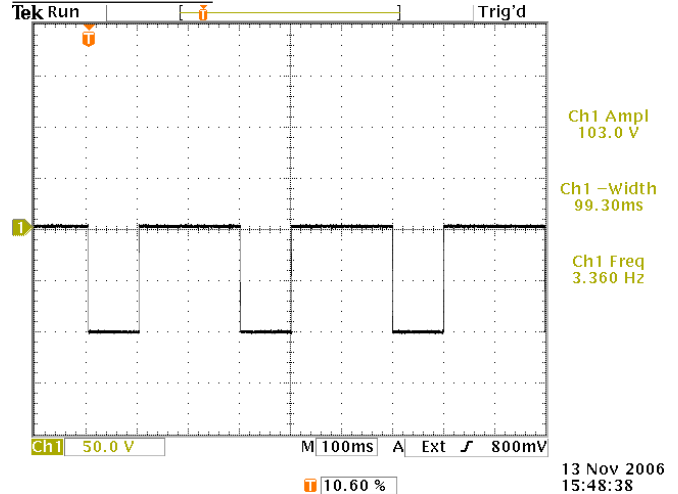
Reference levels: 20%, 80%

Medium Width Pulse Test:



Output waveform (20V/div, 100 ns/div) for:
PRF=100 kHz, PW=500ns, AMPL=MAX, ZOUT=2 Ω ,
with a 50 Ohm load.

Wide Pulse Test:



Output waveform (50V/div, 100 ms/div) for:
PRF=3.3 Hz, PW=100 ms, AMPL=-100V, ZOUT=2 Ω ,
LOAD ≥ 10 k Ω , with a 1 M Ω load.