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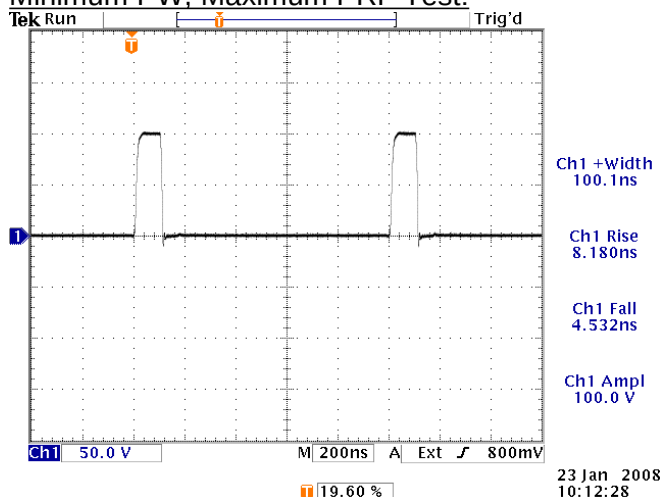
BOX 5120, LCD MERIVALE  
OTTAWA, ONTARIO  
CANADA K2C 3H4

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PERFORMANCE CHECKSHEET

Model: AV-1011-B  
Type: General-Purpose High-Voltage Pulse Generator  
S.N.: 11937  
Date: January 23, 2008

Minimum PW, Maximum PRF Test:



Output waveform (50V/div, 200 ns/div) for:  
PRF=1 MHz, PW=100 ns, AMPL=MAX,  
ZOUT=2Ω

a) Output Signal Amplitude: 0 to ±100V  
(RL ≥ 50Ω)

b) Pulse Width (FWHM): 100 ns - 1 ms  
(10% max. duty cycle at 100V)

c) Rise Time (20%-80%): ≤ 10 ns

d) Fall Time (20%-80%): ≤ 10 ns

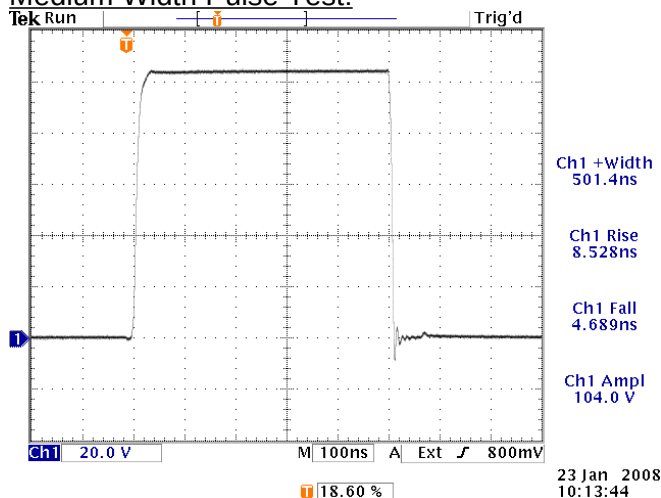
e) PRF: 0 - 1 MHz

f) Jitter, Stability: OK

g) Prime Power: 100-240V AC, 50-60 Hz.

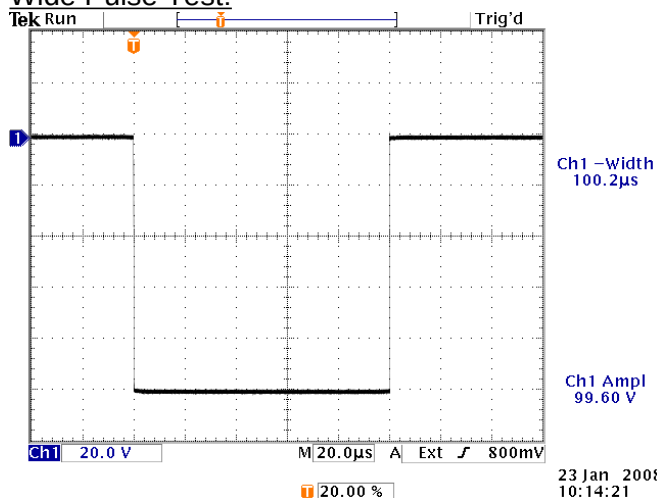
Reference levels: 20%, 80%

Medium Width Pulse Test:



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

Wide Pulse Test:



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