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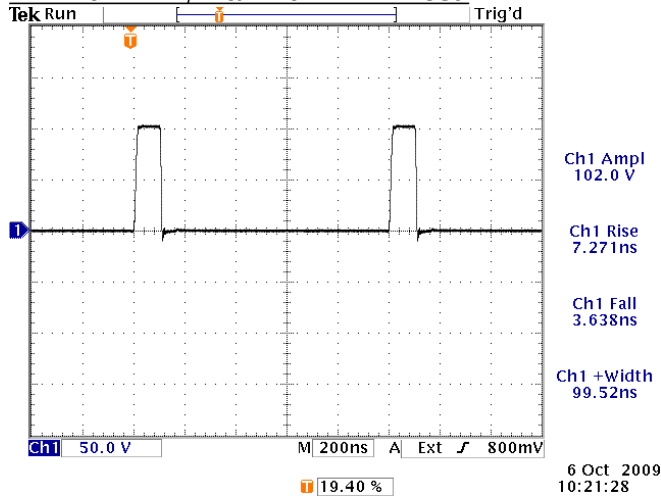
BOX 5120, LCD MERIVALE  
OTTAWA, ONTARIO  
CANADA K2C 3H4

info@avtechpulse.com - http://www.avtechpulse.com/

PERFORMANCE CHECKSHEET

Model: AV-1011-B-AC00  
Type: General-Purpose High-Voltage Pulse Generator  
S.N.: 12358  
Date: October 6, 2009

Minimum PW, Maximum PRF Test:

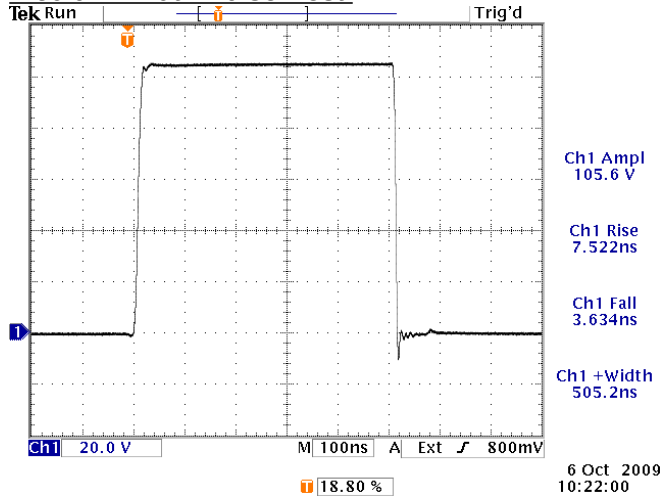


Output waveform (50V/div, 200 ns/div) for:  
PRF=1 MHz, PW=100 ns, AMPL=MAX,  
ZOUT=2Ω

- 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.

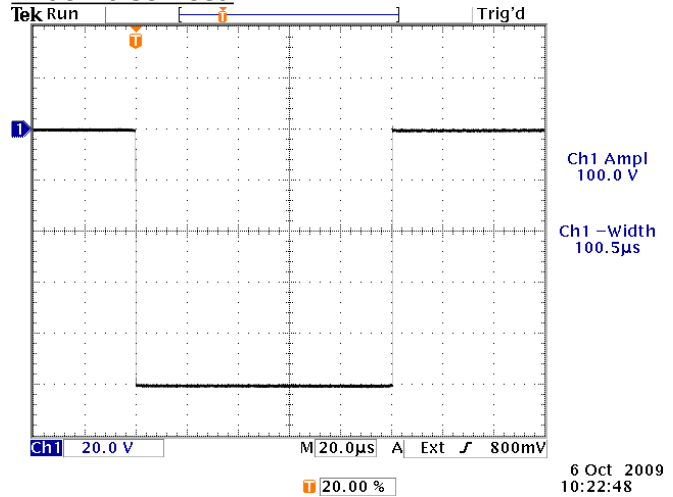
Reference levels: 20%, 80%

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