



P.O. BOX 265  
OGDENSBURG, NY  
U.S.A. 13669-0265

TEL: 888-670-8729 (USA & Canada) or +1-613-226-5772 (Intl)  
FAX: 800-561-1970 (USA & Canada) or +1-613-226-2802 (Intl)

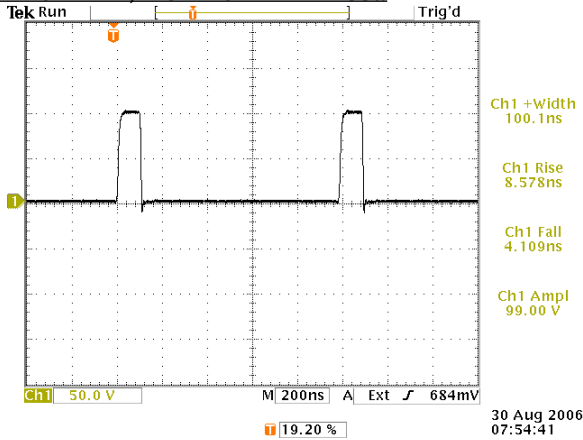
BOX 5120, LCD MERIVALE  
OTTAWA, ONTARIO  
CANADA K2C 3H4

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

PERFORMANCE CHECKSHEET

Model: AV-1011-B  
Type: General-Purpose High-Voltage Pulse Generator  
S.N.: 11592  
Date: August 30, 2006

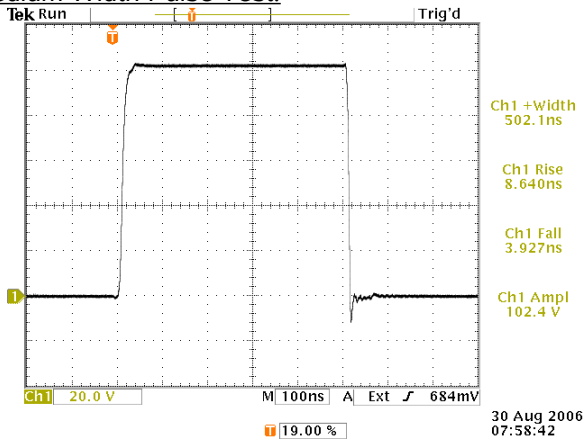
Minimum PW, Maximum PRF Test:



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

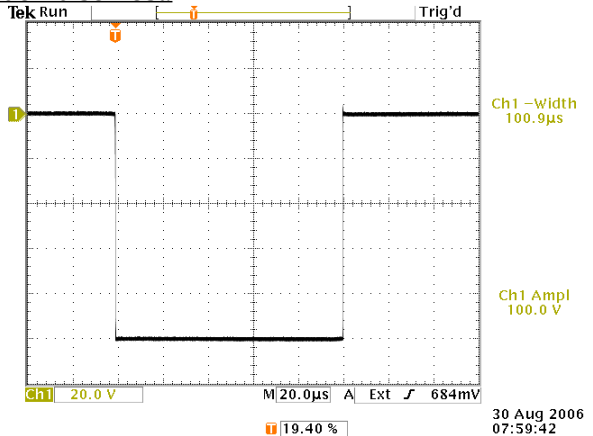
- a) Output Signal Amplitude: 0 to ±100V (RL ≥ 50Ω)
- b) Pulse Width (FWHM): 100 ns - 1 ms (10% max. duty cycle at 100V)
- c) Rise Time (20%-80%): ≤ 10 ns
- d) Fall Time (20%-80%): ≤ 10 ns
- e) PRF: 0 - 1 MHz
- f) Jitter, Stability: OK
- g) Prime Power: 100-240V AC, 50-60 Hz.

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

Reference levels: 20%, 80%