



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

TEL: 888-670-8729 (USA & Canada) or +1-613-686-6675 (Intl)  
FAX: 800-561-1970 (USA & Canada) or +1-613-686-6679 (Intl)

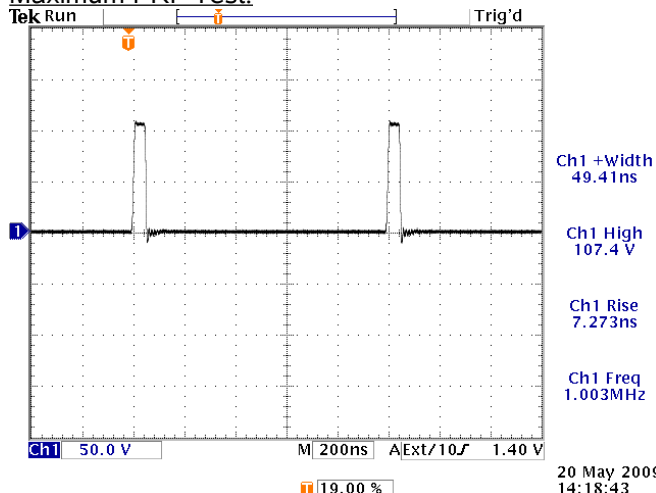
BOX 5120, LCD MERIVALE  
OTTAWA, ONTARIO  
CANADA K2C 3H4

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

PERFORMANCE CHECKSHEET

Model: AV-1010-B  
Type: General-Purpose High-Voltage Pulse Generator  
S.N.: 12261  
Date: October 1, 2008

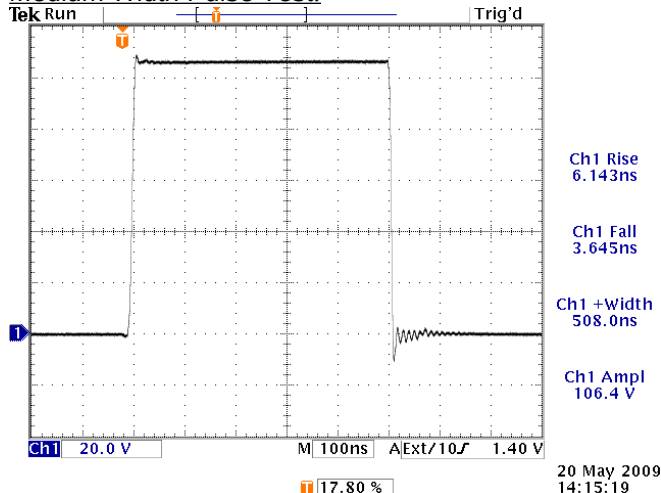
Maximum PRF Test:



- 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%):  $\leq 10$  ns
- d) Fall Time (80%-20%):  $\leq 10$  ns
- e) PRF: 0 - 1 MHz
- f) Jitter, Stability: OK
- g) Prime Power: 100-240V AC, 50-60 Hz.

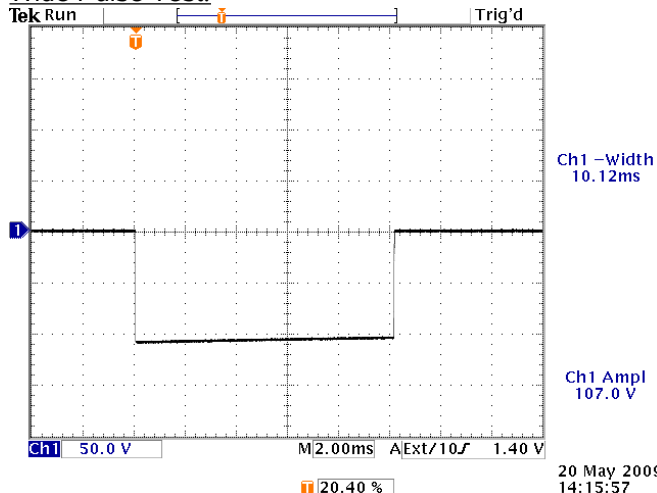
Output waveform (50V/div, 200 ns/div) for:  
PRF=1 MHz, PW=50 ns, AMPL=MAX, ZOUT=2 $\Omega$

Medium Width Pulse Test:



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

Wide Pulse Test:



Output waveform (50V/div, 2 ms/div) for:  
PRF=5 Hz, PW=10 ms, AMPL=MIN, ZOUT=2 $\Omega$

Reference levels: 20%, 80%