



P.O. BOX 265  
OGDENSBURG, NY  
U.S.A. 13669-0265  
TEL: (315) 472-5270  
FAX: (613) 226-2802

TEL: 1-800-265-6681  
FAX: 1-800-561-1970

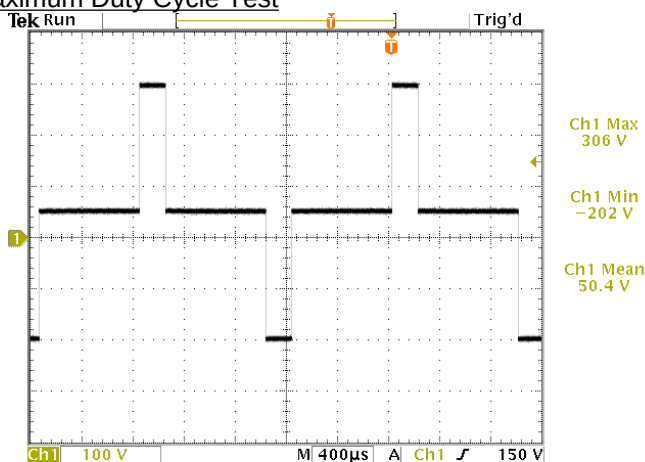
e-mail: [info@avtechpulse.com](mailto:info@avtechpulse.com)  
<http://www.avtechpulse.com/>

BOX 5120, LCD MERIVALE  
OTTAWA, ONTARIO  
CANADA K2C 3H4  
TEL: (613) 226-5772  
FAX: (613) 226-2802

PERFORMANCE CHECKSHEET

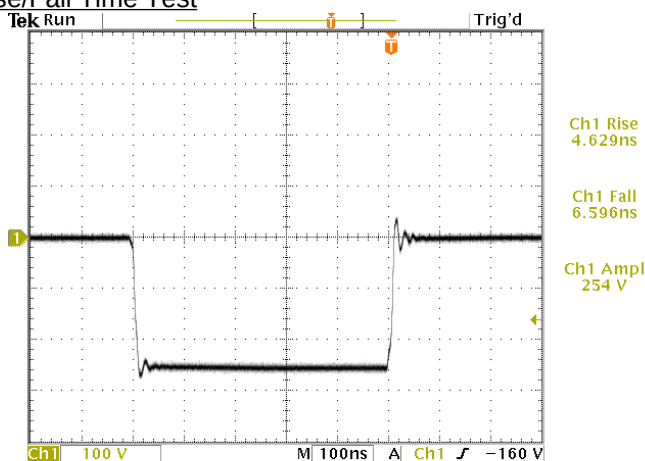
Model: AVR-G1-C-OS-UMA  
S.N.: 11112  
Date: March 11, 2005

Maximum Duty Cycle Test



1 kHz, 200 us pulse width,  $\pm 250V$  amplitude, with a +50V DC offset, into a 10 k $\Omega$  load. 100 V/div, 400 us/div.

Rise/Fall Time Test



Negative pulse portion, 500 ns pulse width,  $\pm 250V$  into a 10 k $\Omega$  load. 100 V/div, 100 ns/div.

References levels: 20%, 80%.

- a) Output Signal Amplitude: 0 to  $\pm 250V$ , to  $\geq 10k\Omega$ , alternating polarity
- b) Pulse Width (FWHM) : 100 ns – 1 ms, 20% maximum duty cycle
- c) Rise Time (20%-80%): < 10 ns
- d) Fall Time (80%-20%): < 20 ns
- e) PRF: 1 Hz - 1 kHz
- f) Jitter, Stability: OK
- g) Prime Power: 100-240V AC, 50-60 Hz.