



# AVTECH ELECTROSYSTEMS LTD.

NANOSECOND WAVEFORM ELECTRONICS  
SINCE 1975

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

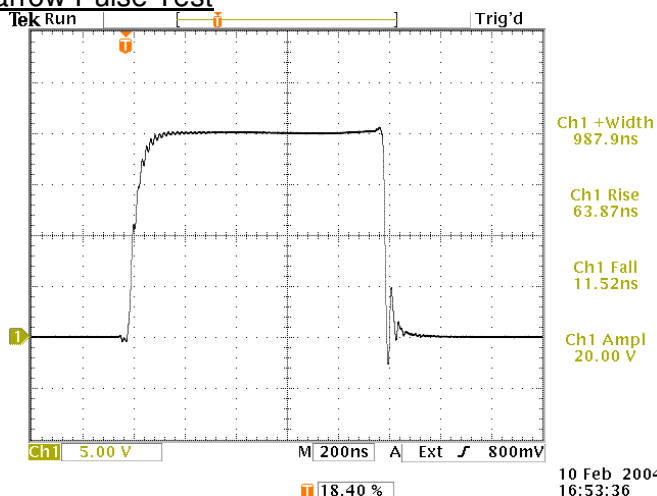
e-mail: [info@avtechpulse.com](mailto:info@avtechpulse.com)  
<http://www.avtechpulse.com/>

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

## PERFORMANCE CHECKSHEET

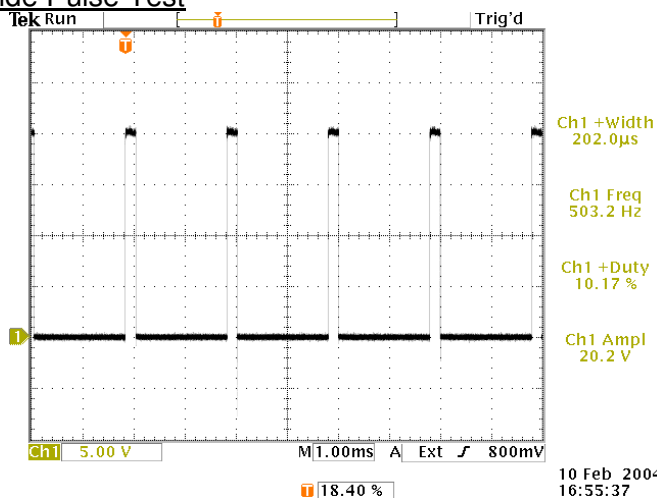
Model: AVR-9D-B-P  
S.N.: 10827  
Date: February 10, 2004

### Narrow Pulse Test



1 kHz, 1 us, +20V into a 1.0Ω load.  
5 V/div, 200 ns/div.

### Wide Pulse Test



500 Hz, 200 us, +20V into a 1.0Ω load.  
5 V/div, 1 ms/div.

References levels: 10%, 90%.

- a) Output Signal Amplitude: 0 to +20V, to  $\geq 1\Omega$
- b) Pulse Width: 200 ns – 200 us,  $\leq 10\%$  duty cycle
- c) Rise Time: < 80 ns
- d) Fall Time: < 80 ns
- e) PRF: 1 Hz - 5 kHz
- f) Jitter, Stability: OK
- g) Prime Power: 100-240V AC, 50-60 Hz.