



# AVTECH ELECTROSYSTEMS LTD.

NANOSECOND WAVEFORM ELECTRONICS  
SINCE 1975

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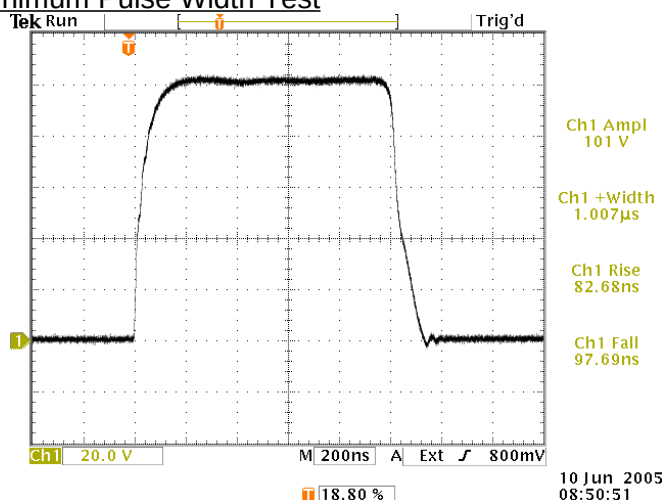
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## PERFORMANCE CHECKSHEET

Model: AVOZ-A4-B-P-COA  
S.N.: 11206  
Date: June 10, 2005

### Minimum Pulse Width Test



100 Hz, 1  $\mu$ s, +100V into the supplied AV-CTL0R5-ENC test load.

20 V/div, 200 ns/div

References levels: 10%, 90%.

- a) Output Signal Amplitude: 0 to +100V, to  $R_L \geq 0.5\Omega$  (i.e., 200A max.)
- b) Pulse Width (FWHM): 100 ns – 1  $\mu$ s, 0.1% maximum duty cycle
- c) Rise Time (20%-80%): < 100 ns
- d) Fall Time (80%-20%): < 100 ns
- e) PRF: 1 Hz - 1 kHz
- f) Jitter, Stability: OK
- g) Prime Power: 100-240V AC, 50-60 Hz.