



# AVTECH ELECTROSYSTEMS LTD.

NANOSECOND WAVEFORM ELECTRONICS  
SINCE 1975

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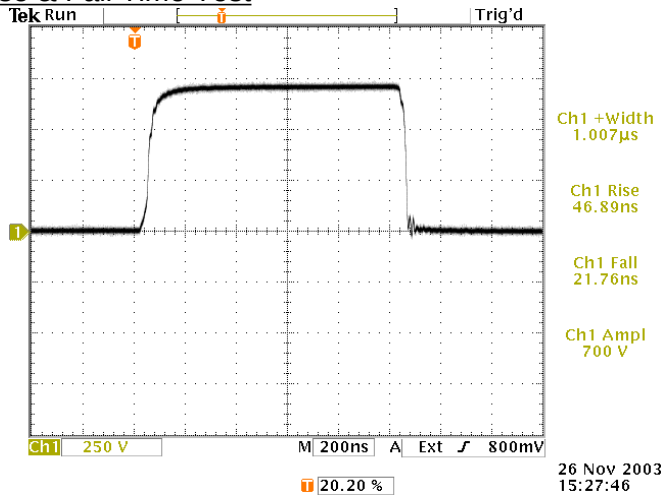
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## PERFORMANCE CHECKSHEET

Model: AVR-7B-B-R5-P  
S.N.: 10797  
Date: November 26, 2003

### Rise & Fall Time Test



5 kHz, 1 us, +700V into a 50Ω load.  
250 V/div, 200 ns/div.

a) Output Signal Amplitude: 0 to +700V

b) Pulse Width: 100 ns – 100 us,  
0.5% duty cycle

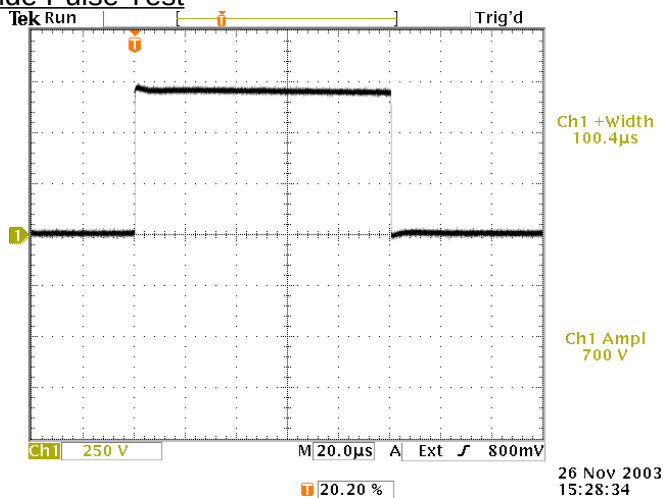
c) Rise Time: < 50 ns

d) Fall Time: < 50 ns

e) PRF: 1 Hz - 10 kHz

f) Jitter, Stability: OK

### Wide Pulse Test



50 Hz, 100 us, +700V into a 50Ω load.  
250 V/div, 20 us/div.

g) Prime Power: 100-240V AC, 50-60 Hz.

References levels: 10%, 90%.