



# AVTECH ELECTROSYSTEMS LTD.

NANOSECOND WAVEFORM ELECTRONICS  
SINCE 1975

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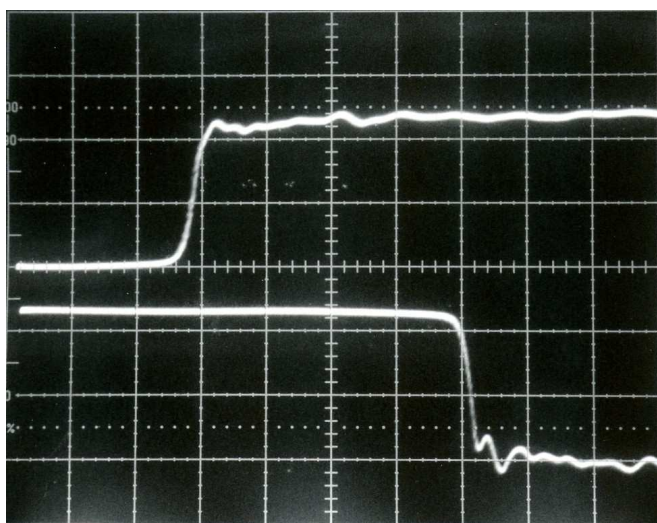
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## PERFORMANCE CHECKSHEET

Model: AV-1030-B-R5  
S.N.: 10885  
Date: April 27, 2004



100 kHz PRF, 100 ns PW, +5V into a 50Ω load.  
2 V/div, 1 ns/div.

Top waveform: rising edge  
Bottom waveform: falling edge

- a) Output Signal Amplitude: 0 to  $\pm 5V$ ,  
to 50 Ohms
- b) Pulse Width: 10 ns – 1 ms,  
10% maximum duty cycle
- c) Rise Time (20%-80%):  $\leq 200$  ps
- d) Fall Time (80%-20%):  $\leq 300$  ps
- e) PRF: 1 Hz - 10 MHz
- f) Jitter, Stability: OK
- g) Prime Power: 100-240V AC, 50-60 Hz.