



# AVTECH ELECTROSYSTEMS LTD.

NANOSECOND WAVEFORM ELECTRONICS  
SINCE 1975

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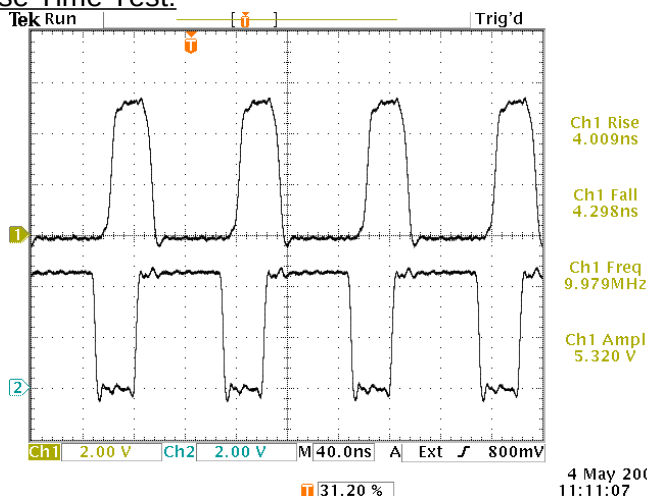
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## PERFORMANCE CHECKSHEET

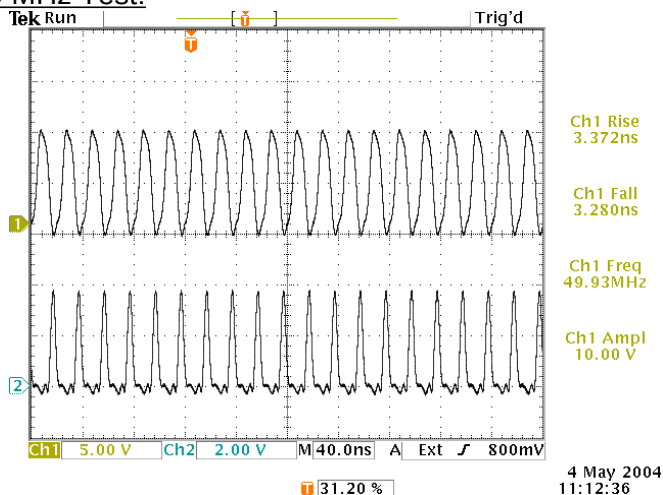
Model: AV-1000-C  
S.N.: 10938  
Date: May 4, 2004

### Rise Time Test:



Top: +5V into 50Ω, 10 MHz, 2 V/div, 40 ns/div.  
Bottom: NOT TTL OUT, 2 V/div, 40 ns/div.

### 50 MHz Test:



Top: +10V into 50Ω, 5 V/div, 40 ns/div.  
Bottom: TTL OUT, 2 V/div, 40 ns/div.

References levels: 20%, 80%.

a) Output Signal Amplitude: 0 to ±10V,  
plus TTL and ECL outputs.

b) DC Offset: 0 to ±10V

c) Pulse Width: 10 ns - 1 s

d) Rise Time: 5 ns - 1 ms

e) Fall Time: 5 ns - 1 ms

f) PRF: 1 Hz - 50 MHz

g) Jitter, Stability: OK

h) Prime Power: 120/240V AC, 50-60 Hz.