



AVTECH ELECTROSYSTEMS LTD.

NANOSECOND WAVEFORM ELECTRONICS
SINCE 1975

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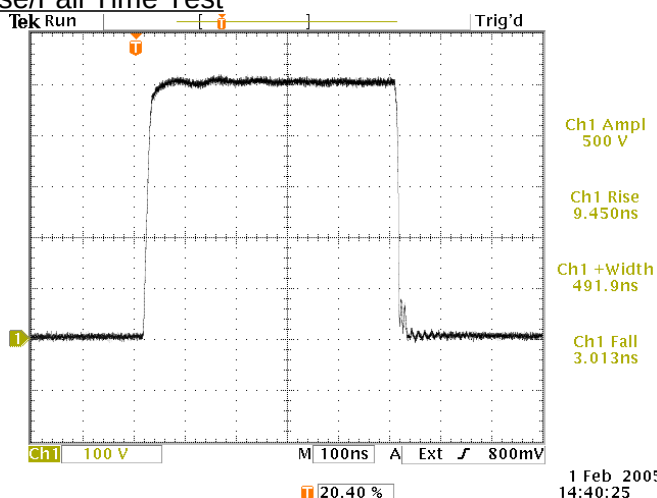
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PERFORMANCE CHECKSHEET

Model: AVRZ-5W-B
S.N.: 11076
Date: February 1, 2005

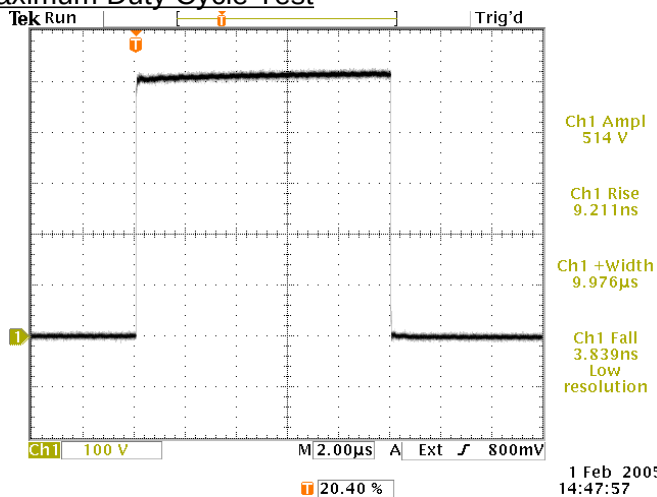
Rise/Fall Time Test



+500V, 50Ω load, PW = 500 ns. 100 V/div, 100 ns/div.

- a) Output Signal Amplitude: 0 to +500V, to 50Ω
- b) Pulse Width: 15 ns - 10 us, 0.1% duty cycle
- c) Rise Time (20%-80%): < 10 ns
- d) Fall Time (80%-20%): < 5 ns
- e) PRF: 1 Hz - 5 kHz
- f) Jitter, Stability: OK
- g) Prime Power: 100-240V AC, 50-60 Hz

Maximum Duty Cycle Test



+500V, 50Ω load, PW = 10 us, PRF = 100 Hz.
100 V/div, 2 us/div.

Reference levels: 20%, 80%.