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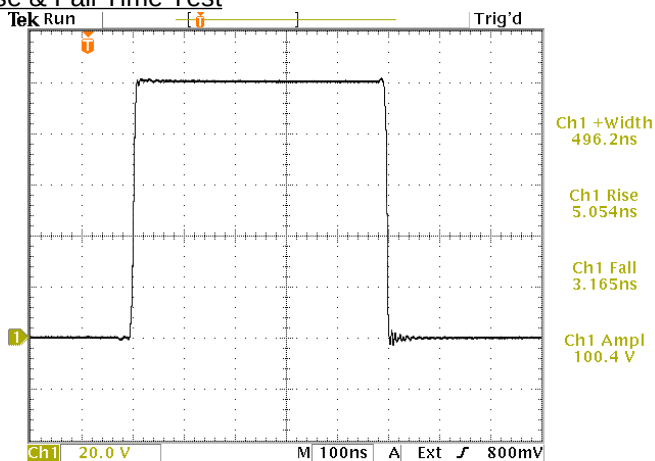
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PERFORMANCE CHECKSHEET

Model: AV-1011-GSB
S.N.: 11065
Date: December 8, 2004

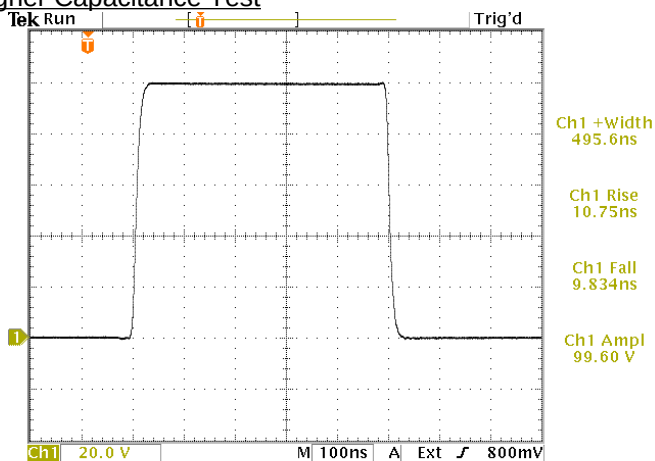
Rise & Fall Time Test



- a) Output Signal Amplitude: +5 to +100V
- b) Pulse Width (FWHM) : 50 ns - 1 us,
- c) Rise Time (20%-80%): < 8 ns
- d) Fall Time (80%-20%): < 8 ns
- e) PRF: 1 kHz maximum
- f) Jitter, Stability: OK
- g) Prime Power: +24 VDC.

1 kHz, 500 ns, +100V into a 10 kΩ with 15 pF of cable capacitance and 22 pF of probe capacitance, approximately. 100 V/div, 200 ns/div.

Higher Capacitance Test



1 kHz, 500 ns, +100V into a 10 kΩ with an 82 pF capacitor, 15 pF of cable capacitance and 22 pF of probe capacitance, approximately. The rise time degrades due to the RC time constant of the 50 Ohm output impedance and the capacitance.

References levels: 20%, 80%.