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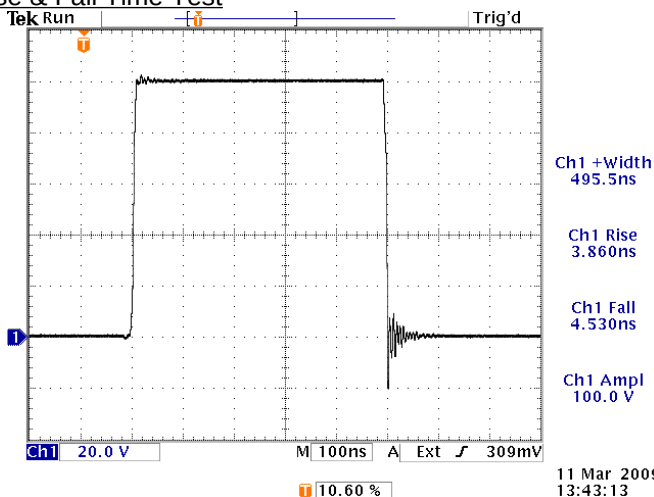
BOX 5120, LCD MERIVALE
OTTAWA, ONTARIO
CANADA K2C 3H4

info@avtechpulse.com - http://www.avtechpulse.com/

PERFORMANCE CHECKSHEET

Model: AV-1011-GSB
Type: Pulse Generator
S.N.: 12229
Date: March 11, 2009

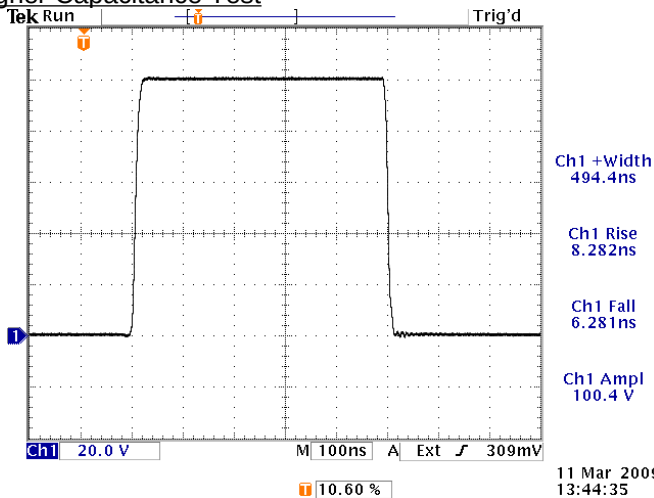
Rise & Fall Time Test



1 kHz, 500 ns, +100V into a 10 kΩ with 15 pF of cable capacitance and 22 pF of probe capacitance, approximately. 20 V/div, 100 ns/div.

- 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.

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%.