



AVTECH ELECTROSYSTEMS LTD.

NANOSECOND WAVEFORM ELECTRONICS
SINCE 1975

P.O. BOX 265
OGDENSBURG, NY
U.S.A. 13669-0265
TEL: (315) 472-5270
FAX: (613) 226-2802

TEL: 1-800-265-6681
FAX: 1-800-561-1970

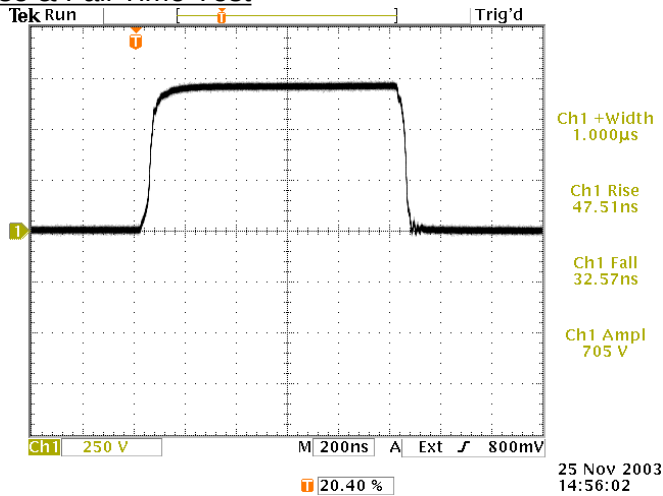
BOX 5120, LCD MERIVALE
OTTAWA, ONTARIO
CANADA K2C 3H4
TEL: (613) 226-5772
FAX: (613) 226-2802

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

PERFORMANCE CHECKSHEET

Model: AVR-7B-B-R5-P
S.N.: 10796
Date: November 25, 2003

Rise & Fall Time Test



5 kHz, 1 us, +700V into a 50Ω load.
250 V/div, 200 ns/div.

a) Output Signal Amplitude: 0 to +700V

b) Pulse Width: 100 ns – 100 us,
0.5% duty cycle

c) Rise Time: < 50 ns

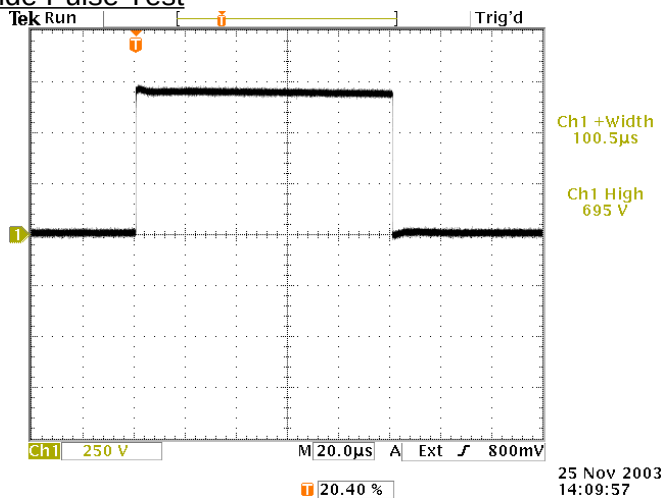
d) Fall Time: < 50 ns

e) PRF: 1 Hz - 10 kHz

f) Jitter, Stability: OK

g) Prime Power: 100-240V AC, 50-60 Hz.

Wide Pulse Test



50 Hz, 100 us, +700V into a 50Ω load.
250 V/div, 20 us/div.

References levels: 10%, 90%.