



AVTECH ELECTROSYSTEMS LTD.

NANOSECOND WAVEFORM ELECTRONICS
SINCE 1975

P.O. BOX 265
OGDENSBURG, NY
U.S.A. 13669-0265
TEL: (315) 472-5270
FAX: (315) 883-1328

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

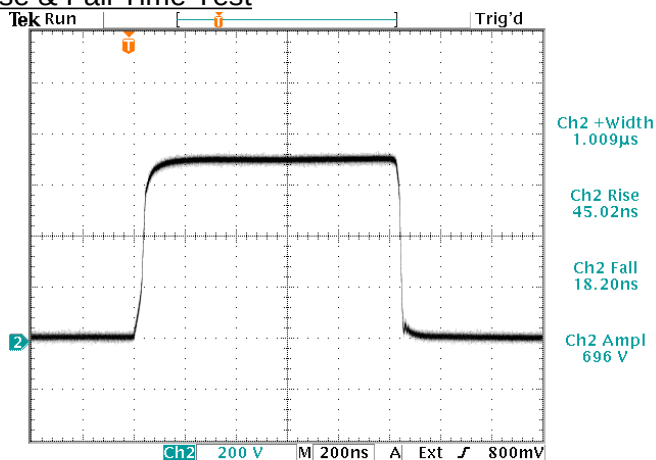
e-mail: info@avtechpulse.com
<http://www.avtechpulse.com/>

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

PERFORMANCE CHECKSHEET

Model: AVR-7B-B-P-R5
Type: High Voltage Pulse Generator
S.N.: 11482
Date: April 12, 2006

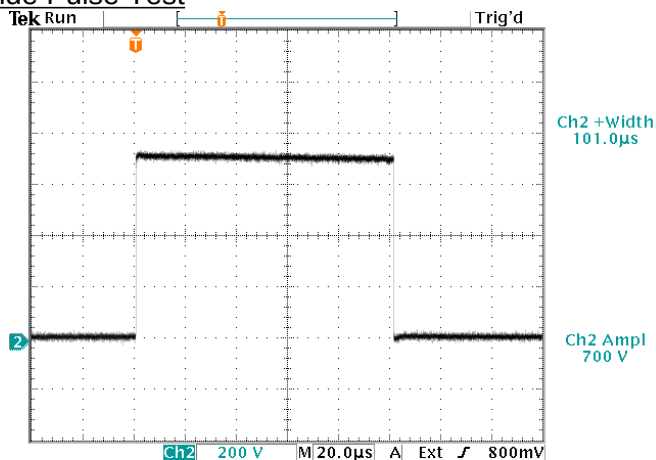
Rise & Fall Time Test



12 Apr 2006
13:48:27

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

Wide Pulse Test



12 Apr 2006
13:49:23

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

References levels: 10%, 90%

- a) Output Signal Amplitude: 0 to +700V
- b) Pulse Width (FWHM): 100 ns - 100 us, 0.5% duty cycle
- c) Rise Time (20%-80%): < 50 ns
- d) Fall Time (20%-80%): < 50 ns
- e) PRF: 1 Hz - 10 kHz
- f) Jitter, Stability: OK
- g) Prime Power: 100-240V AC, 50-60 Hz.