

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

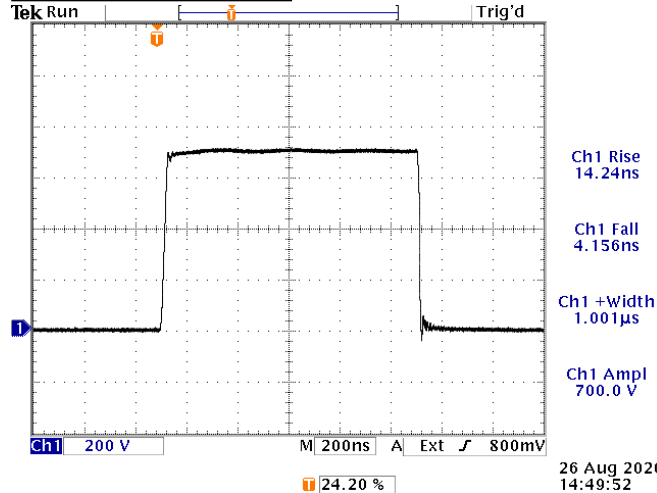
Tel: 888-670-8729 (USA & Canada) or +1-613-686-6675 (Intl)
Fax: 800-561-1970 (USA & Canada) or +1-613-686-6679 (Intl)

BOX 5120, LCD MERIVALE
OTTAWA, CANADA K2C3H5

PERFORMANCE CHECKSHEET

Model: AVR-7B-B-PN-SHV-AC22-ATA3
Type: High Voltage Pulse Generator
S.N.: 14018
Date: August 26, 2020

Rise & Fall Time Test

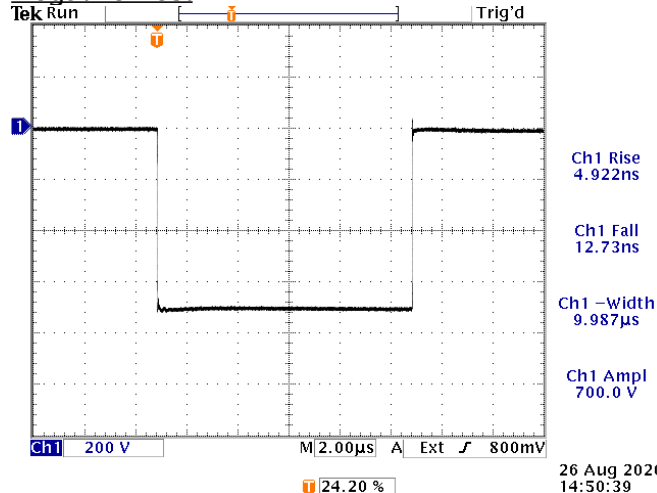


- a) Output Signal Amplitude: up to $\pm 700V$
- b) Pulse Width (FWHM): 100 ns - 100 μs
- c) Rise Time (20%-80%): < 20 ns
- d) Fall Time (20%-80%): < 20 ns
- e) PRF: 1 Hz - 10 kHz
- f) Jitter, Stability: OK
- g) Prime Power: 100-240V AC, 50-60 Hz.

10 Hz, 1 μs , +700V into a 50 Ω load.
200 V/div, 200 ns/div.

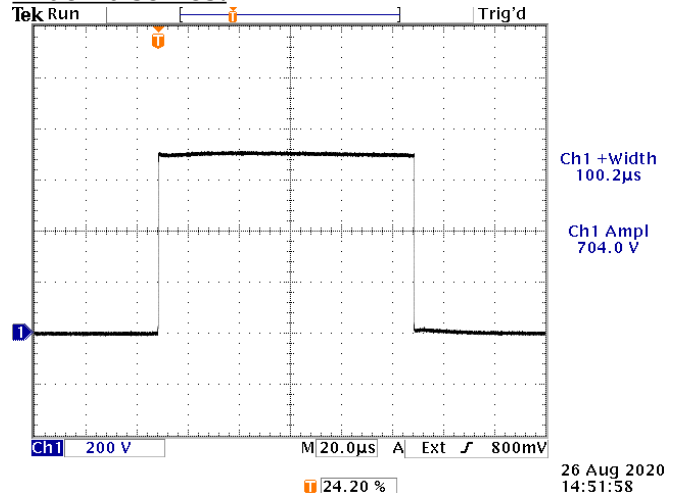
Reference levels: 20%, 80%

Negative Test



10 Hz, 10 μs , -700V into a 50 Ω load.
200 V/div, 2 μs /div.

Wide Pulse Test



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