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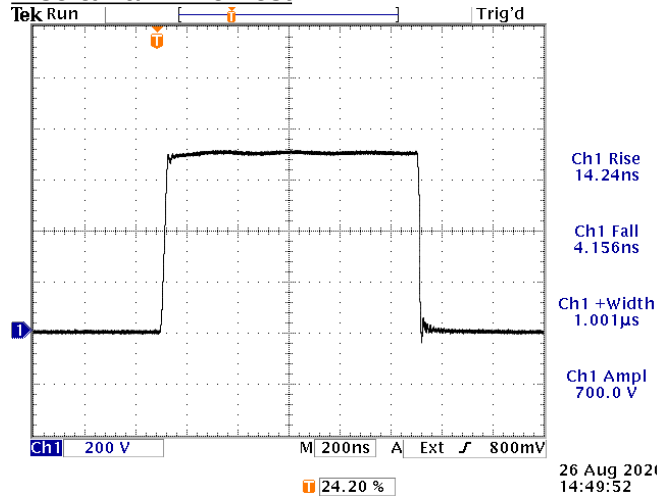
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BOX 5120, LCD MERIVALE
OTTAWA, CANADA K2C3H5

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

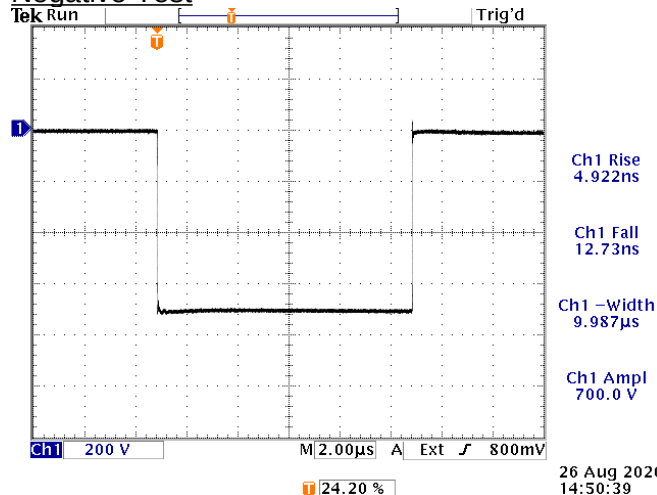


- a) Output Signal Amplitude: up to $\pm 700V$
- b) Pulse Width (FWHM): 100 ns - 100 us
- c) Rise Time (20%-80%): < 20 ns
- d) Fall Time (20%-80%): < 20 ns
- e) PRF: 1 Hz - 10 kHz
- f) Jitter, Stability: OK
- g) Prime Power: 100-240V AC, 50-60 Hz.

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

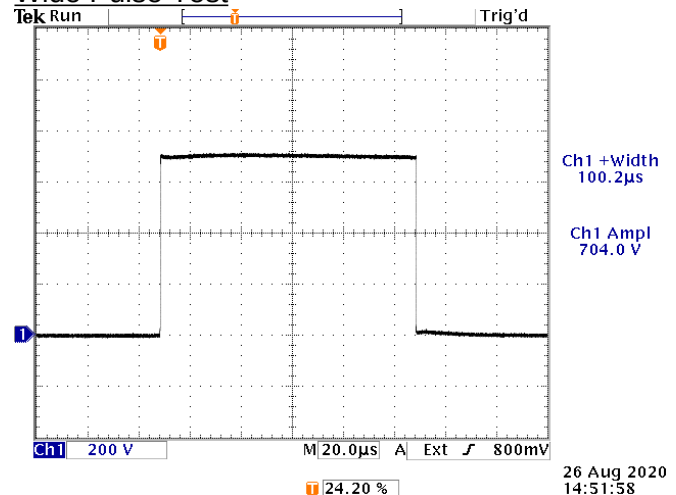
Reference levels: 20%, 80%

Negative Test



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

Wide Pulse Test



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