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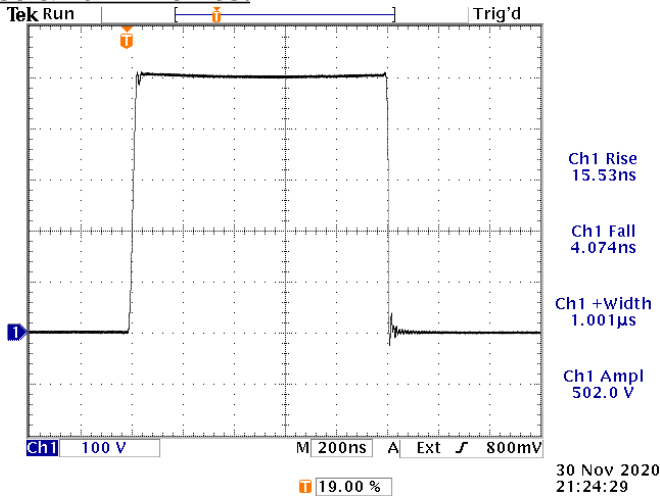
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BOX 5120, LCD MERIVALE
OTTAWA, CANADA K2C3H5

PERFORMANCE CHECKSHEET

Model: AVR-5B-B-PN
Type: High Voltage Pulse Generator
S.N.: 14045
Date: December 1, 2020

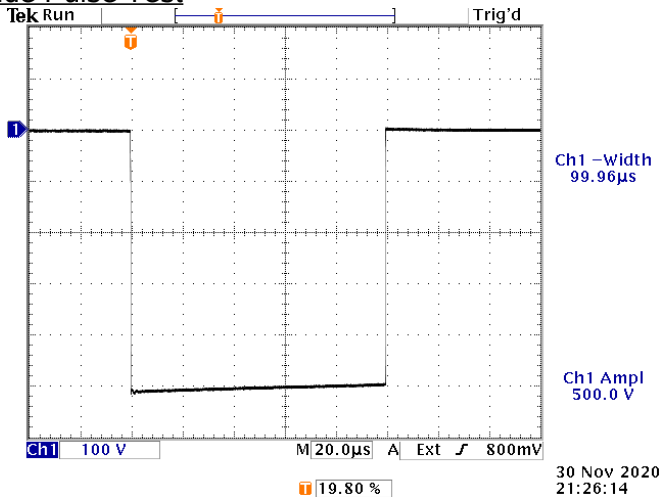
Rise & Fall Time Test



10 kHz, 1 us, +500V into a 50Ω load.
100 V/div, 200 ns/div.

- a) Output Signal Amplitude: up to ±500V
- b) Pulse Width (FWHM): 100 ns - 100 us, 1% duty cycle
- 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.

Wide Pulse Test



100 Hz, 100 us, -500V into a 50Ω load.
100 V/div, 20 us/div.

Reference levels: 20%, 80%.