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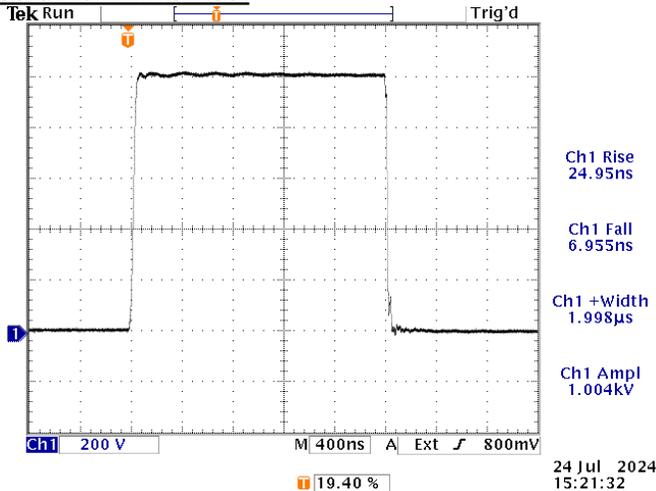
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BOX 5120, LCD MERIVALE  
OTTAWA, CANADA K2C3H5

PERFORMANCE CHECKSHEET

Model: AVR-8A-B-PN-CC1A-SIL  
Type: High Voltage Pulse Generator  
S.N.: 14453  
Date: July 24, 2024

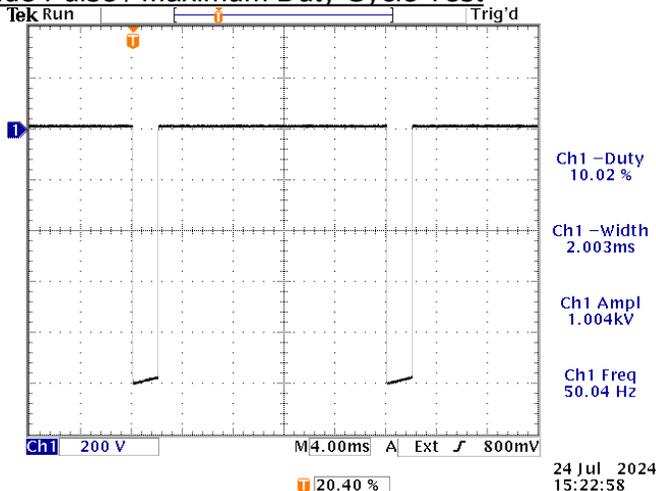
Rise & Fall Time Test



10 Hz, 2 us, +1 kV into a 1 kΩ load at the end of 6 ft of coaxial cabling. 200 V/div, 400 ns/div.

- a) Output Signal Amplitude: up to ±1000V
- b) Pulse Width (FWHM): 500 ns – 5 ms, 10% maximum duty cycle
- c) Rise Time (20%-80%): < 200 ns
- d) Fall Time (20%-80%): < 200 ns
- e) PRF: 1 Hz - 1 kHz
- f) Jitter, Stability: OK
- g) Prime Power: 100-240V AC, 50-60 Hz.

Wide Pulse / Maximum Duty Cycle Test



50 Hz, 2 ms, -1 kV into a 1 kΩ load at the end of 6 ft of coaxial cabling. 200 V/div, 4 ms/div.

References levels: 20%, 80%.