



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

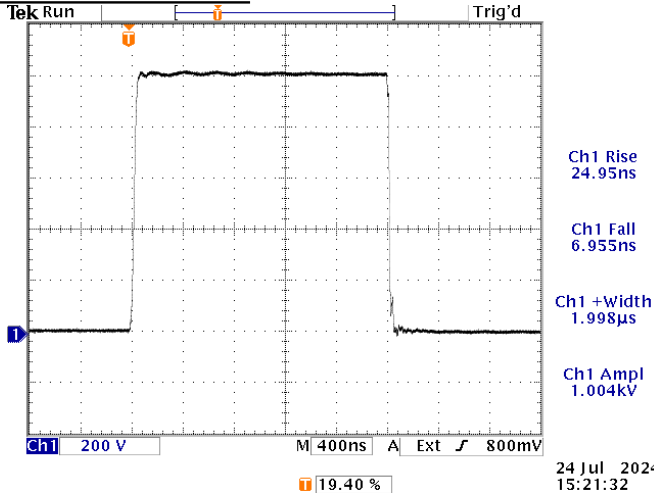
Tel: 888-670-8729 (USA & Canada)
or +1-613-686-6675 (Worldwide)

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

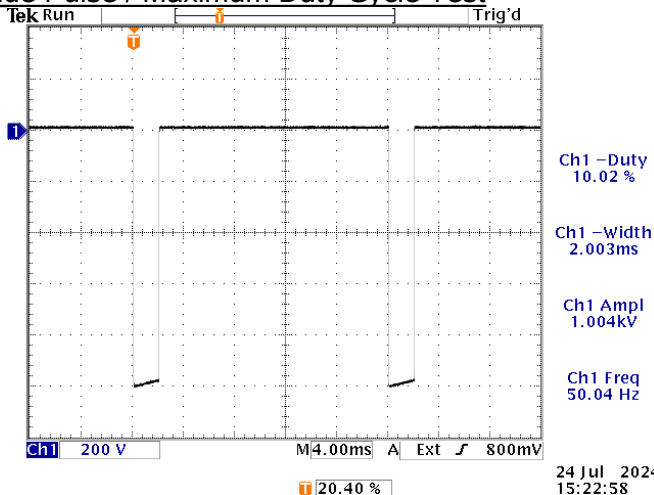
Rise & Fall Time Test



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%.