



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

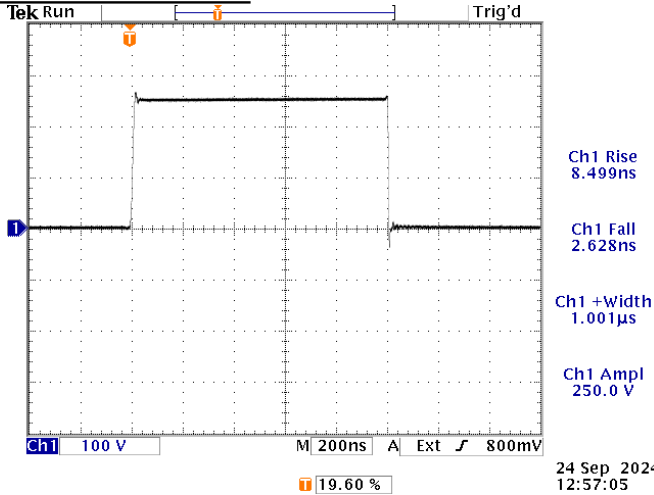
Tel: 888-670-8729 (USA & Canada)  
or +1-613-686-6675 (Worldwide)

BOX 5120, LCD MERIVALE  
OTTAWA, CANADA K2C3H5

PERFORMANCE CHECKSHEET

Model: AVR-3HF-B-R5-P-PW50  
Type: High Voltage Pulse Generator  
S.N.: 14469  
Date: September 24, 2024

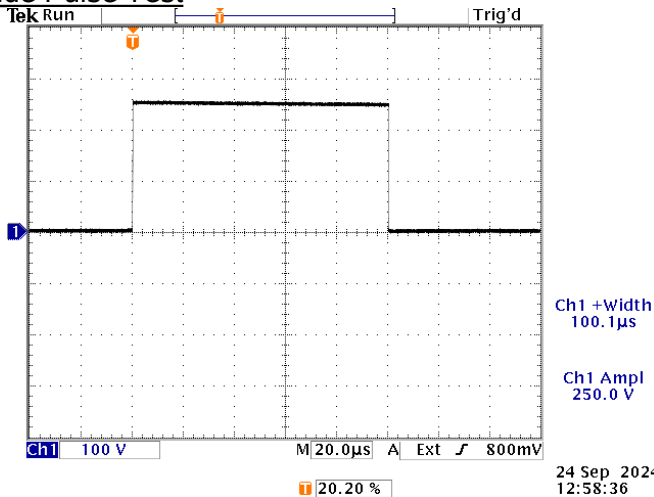
Rise & Fall Time Test



1 kHz, 1 us, +250V into a 50Ω load.  
100 V/div, 200 ns/div.

- a) Output Signal Amplitude: up to +250V
- b) Pulse Width (FWHM): 50 ns - 100 us, 4% duty cycle
- c) Rise Time (20%-80%): < 10 ns
- d) Fall Time (80%-20%): < 10 ns
- e) PRF: 1 Hz - 100 kHz
- f) Jitter, Stability: OK
- g) Prime Power: 100-240V AC, 50-60 Hz.

Wide Pulse Test



10 Hz, 100 us, +250V into a 50Ω load.  
100 V/div, 20 us/div.

Reference levels: 20%, 80%.