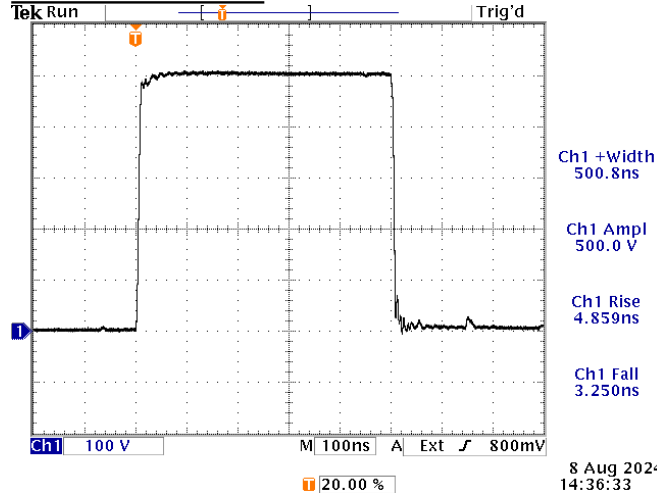




PERFORMANCE CHECKSHEET

Model: AVRZ-5W-B-R5  
Type: High-Speed, High-Voltage Pulse Generator  
S.N.: 14459  
Date: August 8, 2024

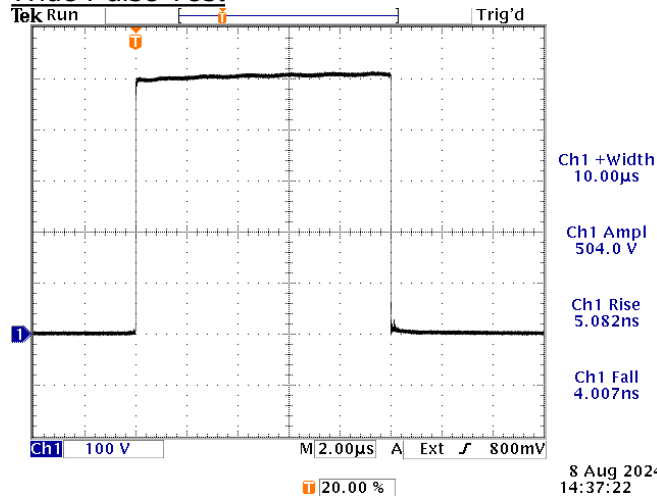
Rise/Fall Time Test



+500V, 50Ω load, PW = 500 ns.  
100 V/div, 100 ns/div.

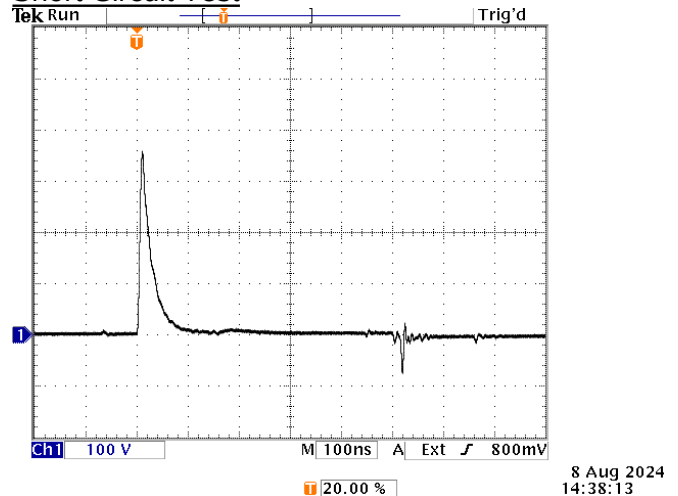
- a) Output Signal Amplitude: up to ±500V, to 50Ω
- b) Pulse Width: 15 ns - 10 us,
- c) Rise Time (20%-80%): < 4.5 ns, < 250V  
< 6.5 ns, > 250V
- d) Fall Time (80%-20%): < 6.5 ns
- e) PRF: 1 Hz - 5 kHz
- f) Jitter, Stability: OK
- g) Prime Power: 100-240V AC, 50-60 Hz

Wide Pulse Test



+500V, 50Ω load, PW = 10 us, PRF = 100 Hz.  
100 V/div, 2 us/div.

Short Circuit Test



500 ns, +500V into a 50Ω load shorted with a 12” length of patch cord. 100 V/div, 100 ns/div.

Reference levels: 20%, 80%.