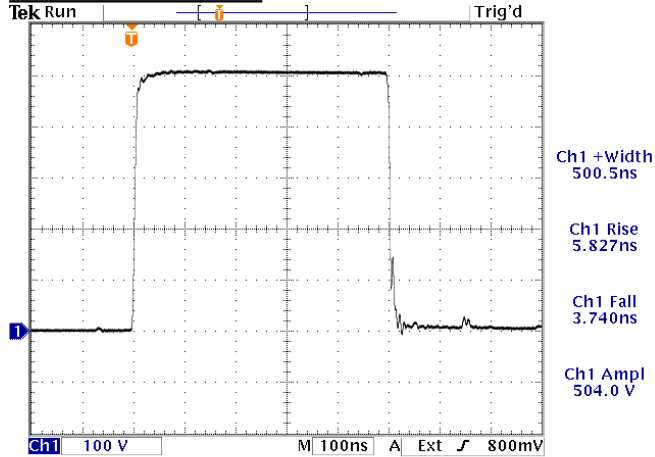




PERFORMANCE CHECKSHEET

Model: AVRZ-5W-B-PN-LVA-CC1-AC02  
 Type: High-Speed, High-Voltage Pulse Generator  
 S.N.: 14398  
 Date: December 14, 2023

Rise/Fall Time Test

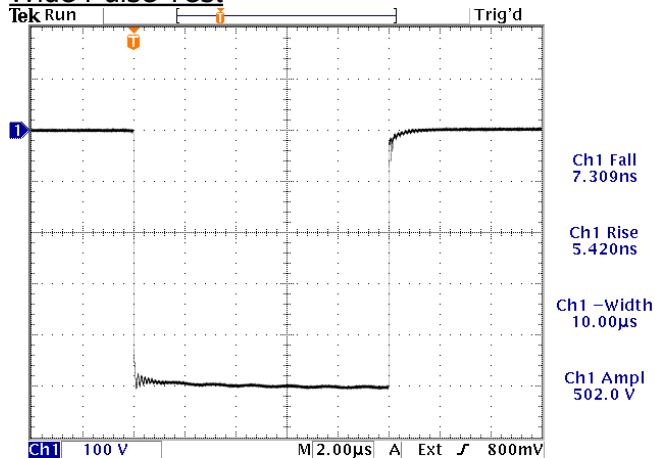


14 Dec 2023  
13:46:07

+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%): < 6.5 ns (positive)  
< 9.5 ns (negative)
- d) Fall Time (80%-20%): < 10 ns (positive)  
< 13 ns (negative)
- e) PRF: 1 Hz - 5 kHz
- f) Jitter, Stability: OK
- g) Prime Power: 100-240V AC, 50-60 Hz

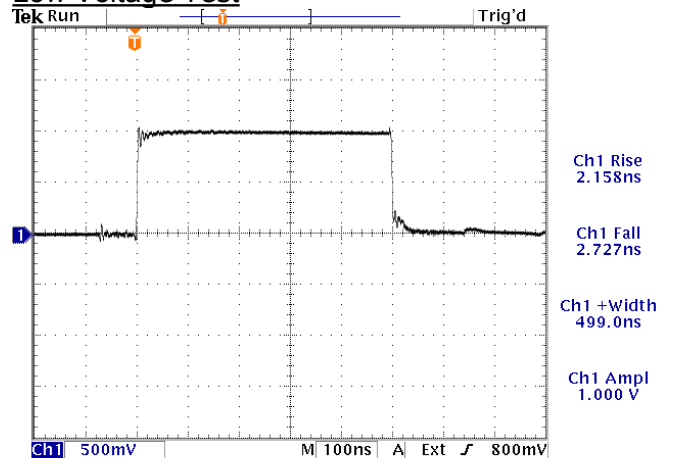
Wide Pulse Test



14 Dec 2023  
13:45:24

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

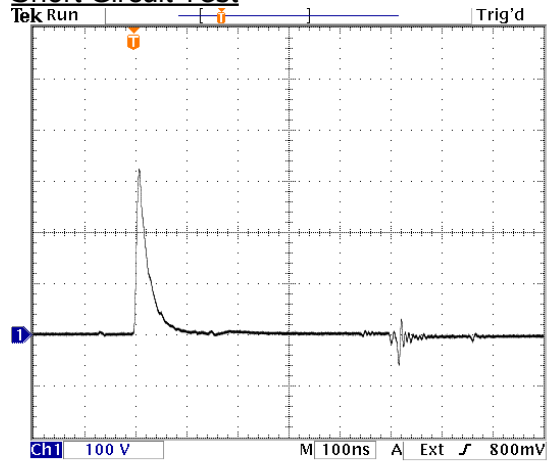
Low Voltage Test



14 Dec 2023  
13:47:58

+1V, 50Ω load, PW = 500 ns.  
500 mV/div, 100 ns/div.

# Short Circuit Test



Reference levels: 20%, 80%.

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