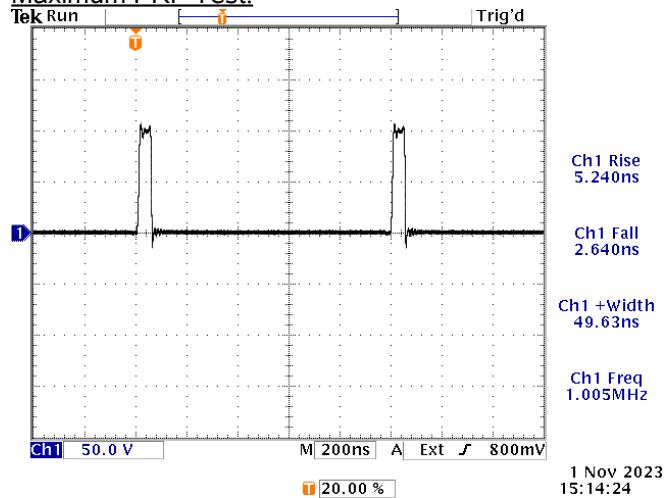




PERFORMANCE CHECKSHEET

Model: AV-1010-B-AK8-CC1-AC03
 Type: General-Purpose High-Voltage Pulse Generator
 S.N.: 14397
 Date: November 1, 2023

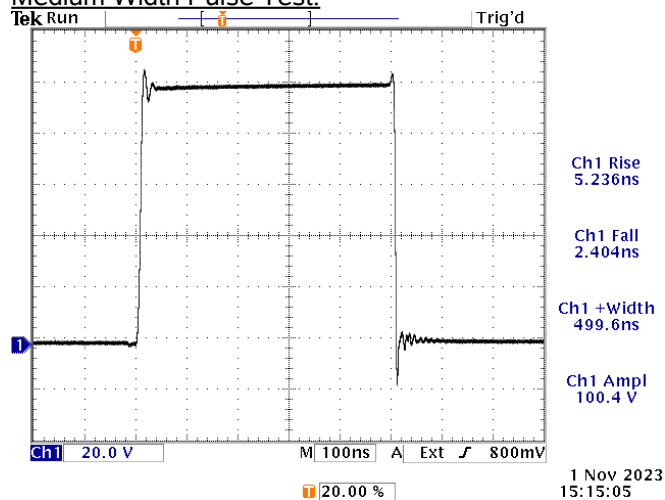
Maximum PRF Test:



1 MHz, 50 ns, +100V. 50V/div, 200 ns/div

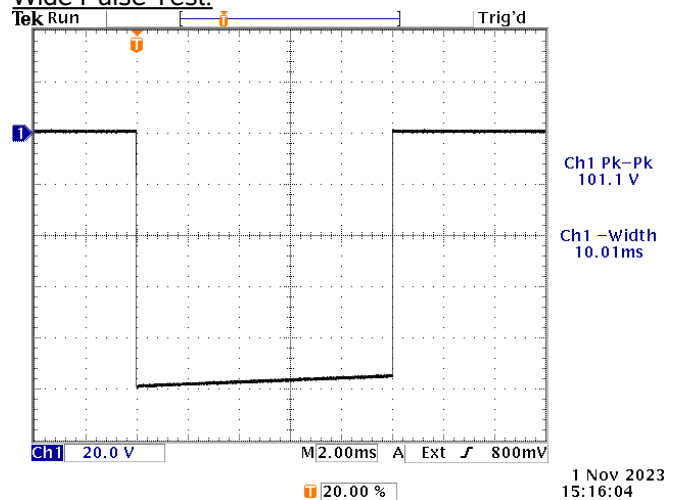
- a) Output Signal Amplitude: up to $\pm 100V$ (RL $\geq 50\Omega$)
- b) Pulse Width (FWHM): 20 ns - 10 ms (10% max. duty cycle at 100V / 50 Ω)
- c) Rise Time (20%-80%): ≤ 10 ns
- d) Fall Time (80%-20%): ≤ 10 ns
- e) PRF: 0 - 1 MHz
- f) Jitter, Stability: OK
- g) Prime Power: 100-240V AC, 50-60 Hz.

Medium Width Pulse Test:



10 kHz, 500ns, +100V. 20V/div, 100 ns/div.

Wide Pulse Test:



5 Hz, 10 ms, -100V. 20V/div, 2 ms/div.

Reference levels: 20%, 80%