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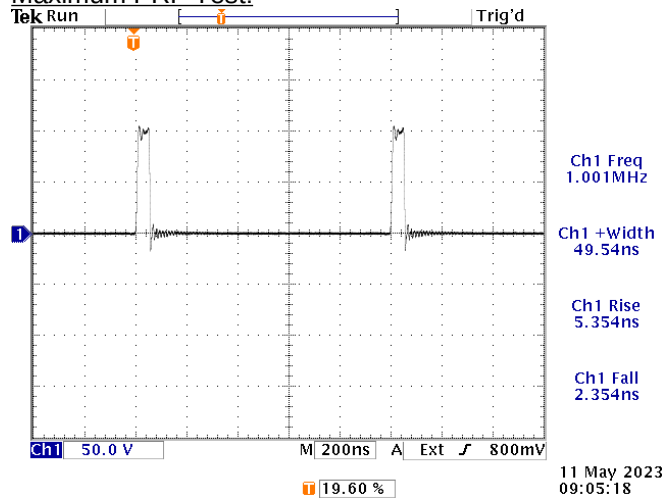
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BOX 5120, LCD MERIVALE
OTTAWA, CANADA K2C3H5

PERFORMANCE CHECKSHEET

Model: AV-1010-B-BR-OT
Type: General-Purpose High-Voltage Pulse Generator
S.N.: 14348
Date: May 11, 2023

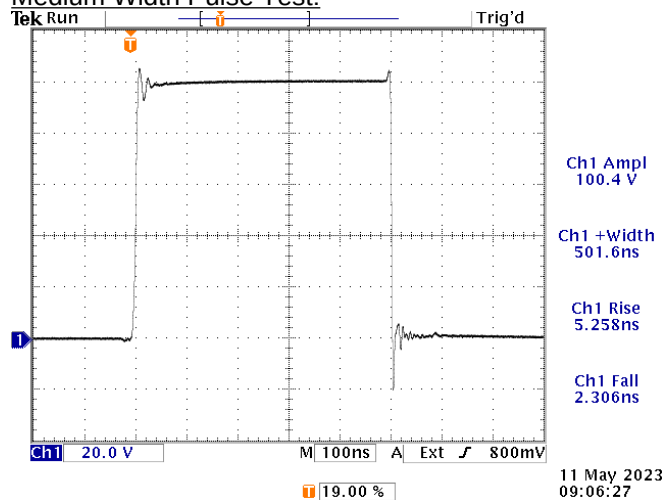
Maximum PRF Test:



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

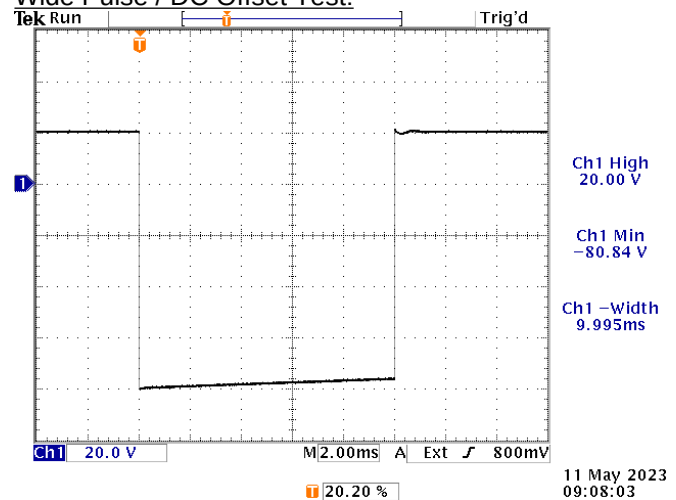
- a) Output Signal Amplitude: up to $\pm 100V$ (RL $\geq 50\Omega$)
- b) Pulse Width (FWHM): 20 ns - 10 ms (10% max. duty cycle at 100V / 50 Ω)
- c) Rise Time (20%-80%): ≤ 10 ns
- d) Fall Time (80%-20%): ≤ 10 ns
- e) PRF: 0 - 1 MHz
- f) Jitter, Stability: OK
- g) Prime Power: 100-240V AC, 50-60 Hz.

Medium Width Pulse Test:



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

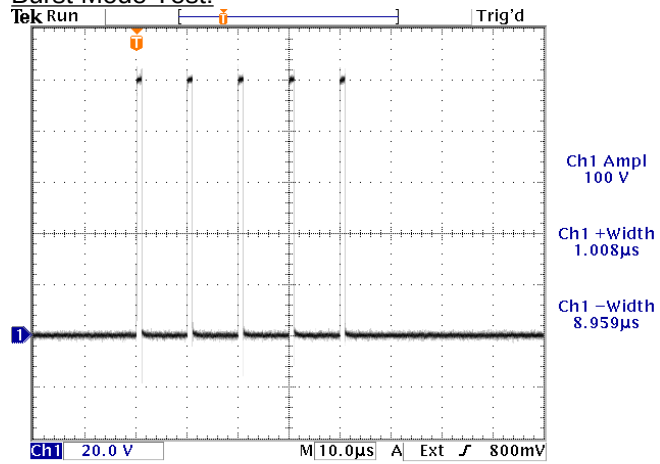
Wide Pulse / DC Offset Test:



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

Reference levels: 20%, 80%

Burst Mode Test:



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N = 5, PW = 1 us, BUR = 9 us, +100V.
20V/div, 10 us/div.