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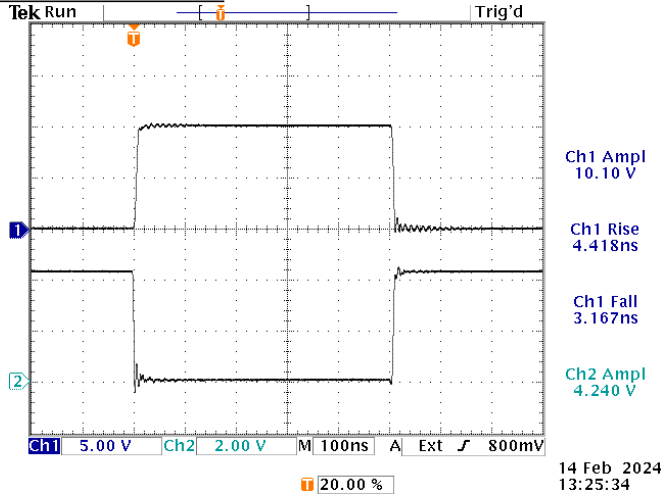
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BOX 5120, LCD MERIVALE  
OTTAWA, CANADA K2C3H5

PERFORMANCE CHECKSHEET

Model: AV-1021-B  
Type: General-Purpose Pulse Generator  
S.N.: 14413  
Date: February 14, 2024

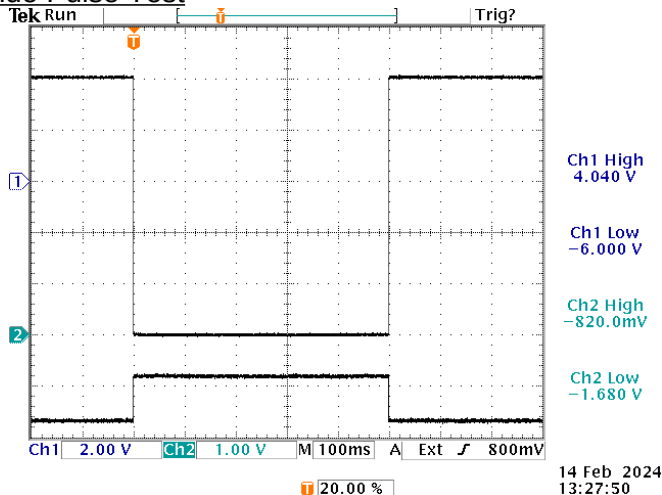
Rise/Fall Time Test



- a) Output Signal Amplitude: up to  $\pm 10V$
- b) Pulse Width (FWHM): 20 ns - 500 ms
- c) Rise Time (20%-80%): < 10 ns
- d) Fall Time (80%-20%): < 10 ns
- e) PRF: 1 Hz - 5 MHz
- f) Jitter, Stability: OK

Top: OUT, +10V amplitude, 0V offset, into 50 $\Omega$ . 5 V/div.  
Bottom: Logic complement, TTL, into 50 $\Omega$ . 2 V/div.  
Both: 100 ns/div.

Wide Pulse Test



- g) Prime Power: 100-240V AC, 50-60 Hz.

Top: OUT, -10V ampl., +4V offset, into 50 $\Omega$ , 2V/div  
Bottom: Logic, ECL, into 50 $\Omega$ , 1V/div  
Both: Frequency 1 Hz, 100 ms/div

References levels: 20%, 80%.