



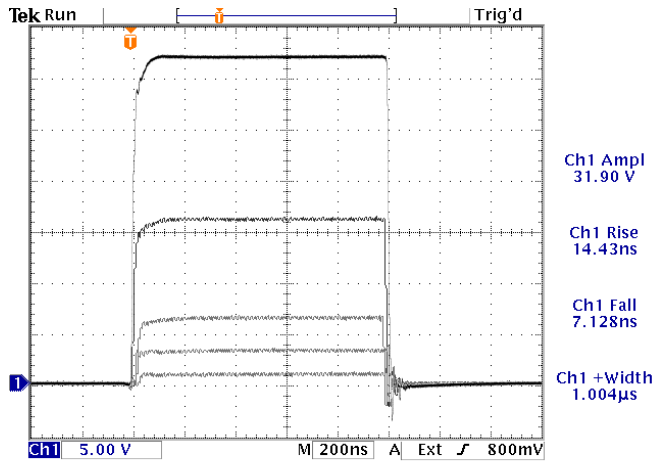
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BOX 5120, LCD MERIVALE  
OTTAWA, CANADA K2C3H5

PERFORMANCE CHECKSHEET

Model: AV-107C-B-PN-PW1-AC22  
Type: Pulsed Laser Diode Driver  
S.N.: 14421  
Date: April 4, 2024

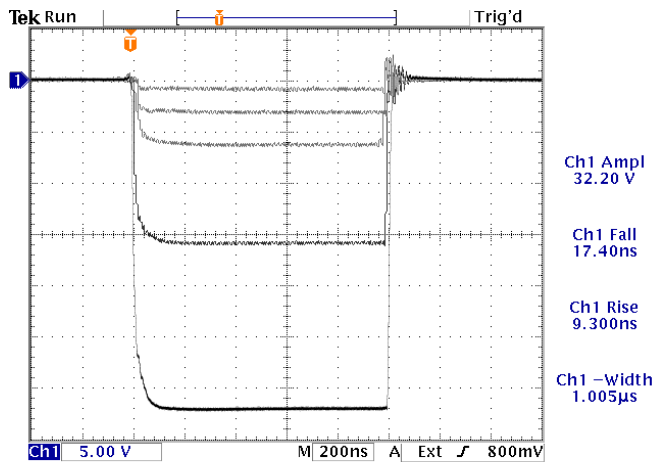


- a) Output Signal Amplitude: up to  $\pm 10A$
- b) Pulse Width (FWHM): 100 ns to 20  $\mu s$
- c) Rise Time (20%-80%): < 20 ns
- d) Fall Time (80%-20%): < 20 ns
- e) PRF: 1 Hz – 5 kHz

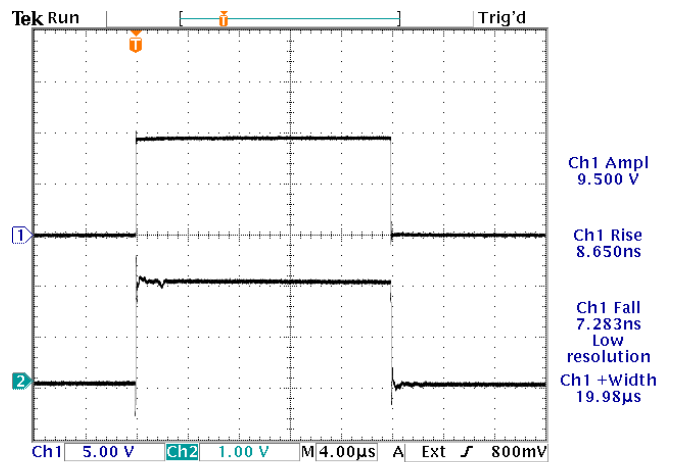
4 Apr 2024 15:08:48  
+0.3 / +1 / +2 / +5 / +10A into a 3.20 Ohm load installed on the rear panel. 5 V/div, 200 ns/div.

f) Jitter, Stability: OK

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



4 Apr 2024 15:05:56  
-0.3 / -1 / -2 / -5 / -10A into a 3.20 Ohm load installed on the rear panel. 5 V/div, 200 ns/div.



4 Apr 2024 15:20:15  
Top: +10A into the supplied AV-CTL1-ENC test load (0.942 Ohms). 20  $\mu s$  pulse width.  
Bottom: MON MAX P monitor output into 50 $\Omega$ .