

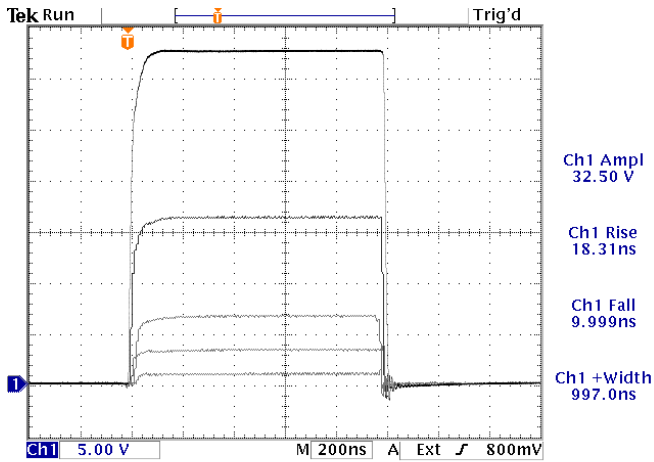
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BOX 5120, LCD MERIVALE
OTTAWA, CANADA K2C3H5

PERFORMANCE CHECKSHEET

Model: AV-107C-B-P-AC22
Type: Pulsed Laser Diode Driver
S.N.: 14363
Date: September 7, 2023



a) Output Signal Amplitude: up to +10A

b) Pulse Width (FWHM): 100 ns to 1 us

c) Rise Time (20%-80%): < 20 ns

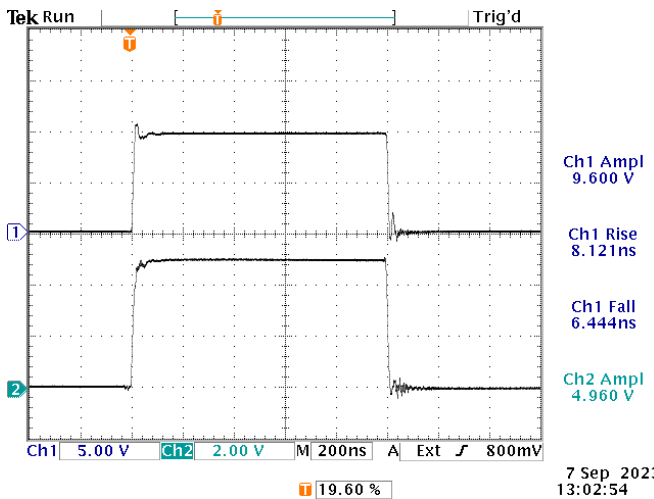
d) Fall Time (80%-20%): < 20 ns

e) PRF: 1 Hz – 5 kHz

Ref4 5.00 V 200ns 19.20 %
+0.3 / +1 / +2 / +5 / +10A into a 3.26 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.



Top: +10A into the supplied AV-CTL1-ENC test load (0.952Ω). 1 us pulse width. 5 V/div, 200 ns/div.
Bottom: Monitor output into 50Ω. 2 V/div.

References levels: 20%, 80%.