

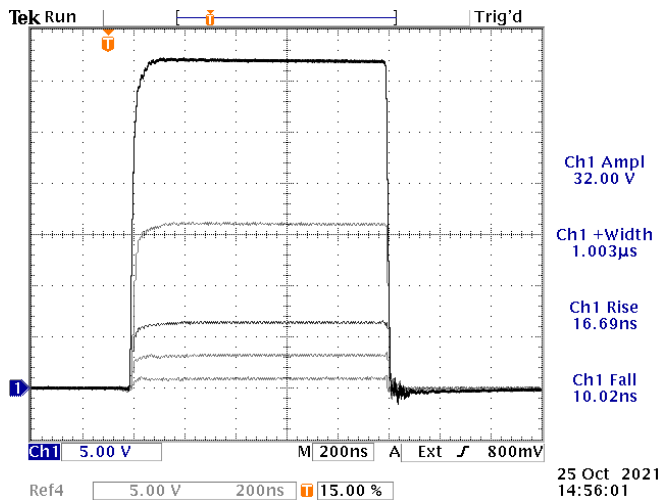
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BOX 5120, LCD MERIVALE
OTTAWA, CANADA K2C3H5

PERFORMANCE CHECKSHEET

Model: AV-107C-B-PN-AC22
Type: Pulsed Laser Diode Driver
S.N.: 14168
Date: October 25, 2021



25 Oct 2021 14:56:01
+0.3 / +1 / +2 / +5 / +10A into a 3.21 Ohm load installed on the rear panel. 5 V/div, 200 ns/div.

a) Output Signal Amplitude: up to ±10A

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

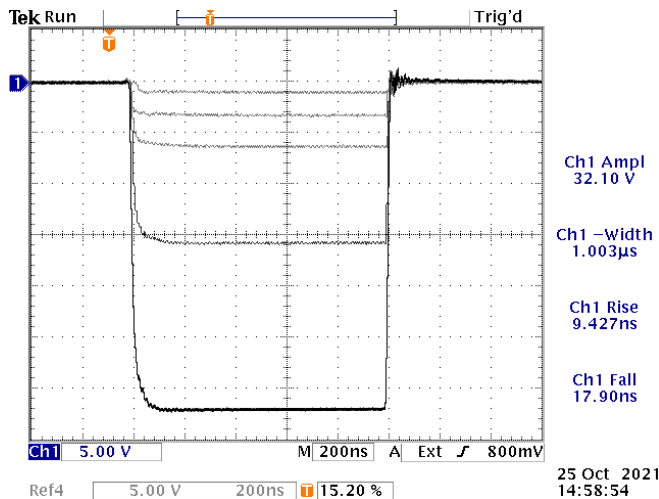
c) Rise Time (20%-80%): < 20 ns

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

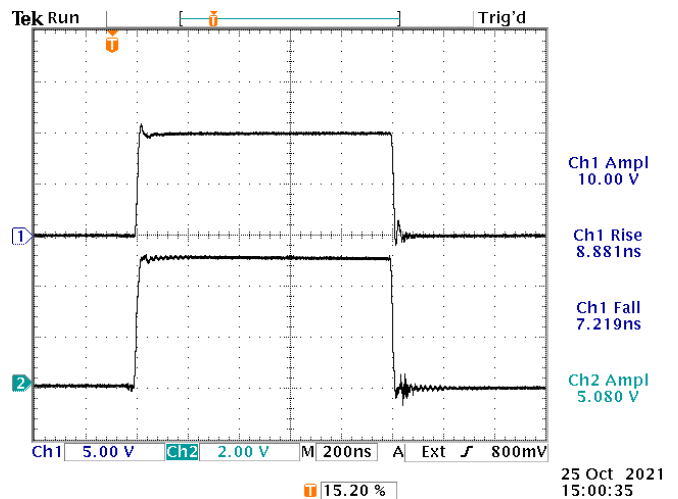
e) PRF: 1 Hz – 5 kHz

f) Jitter, Stability: OK

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



25 Oct 2021 14:58:54
-0.3 / -1 / -2 / -5 / -10A into a 3.21 Ohm load installed on the rear panel. 5 V/div, 200 ns/div.



25 Oct 2021 15:00:35
Top: +10A into the supplied AV-CTL1-ENC test load (0.981Ω). 1 us pulse width. 5 V/div, 200 ns/div.
Bottom: Monitor output into 50Ω.