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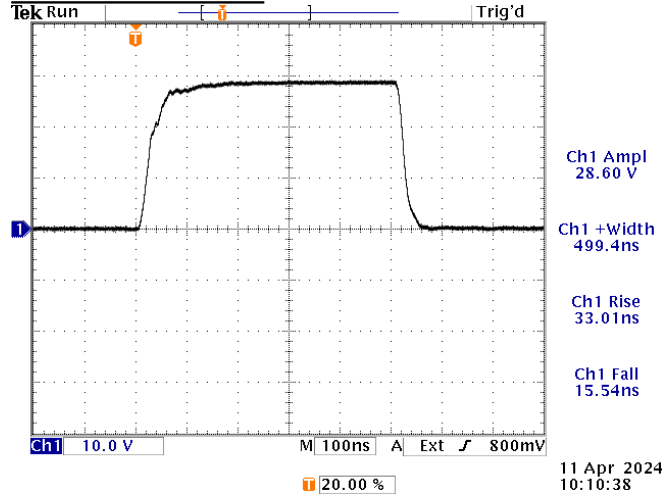
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BOX 5120, LCD MERIVALE  
OTTAWA, CANADA K2C3H5

PERFORMANCE CHECKSHEET

Model: AV-106A-B-PN  
Type: Pulsed Laser Diode Driver  
S.N.: 14424  
Date: April 11, 2024

Rise/Fall Time Test



+30A, 500 ns, 50 Hz, into a 0.952 Ohm load installed on the end of the supplied AV-CLZ1-100 cable. Reference levels: 20%, 80%.

a) Output Signal Amplitude: up to  $\pm 30A$

b) Pulse Width (FWHM): 0.5 to 50  $\mu s$

c) Rise Time (20%-80%): < 50 ns

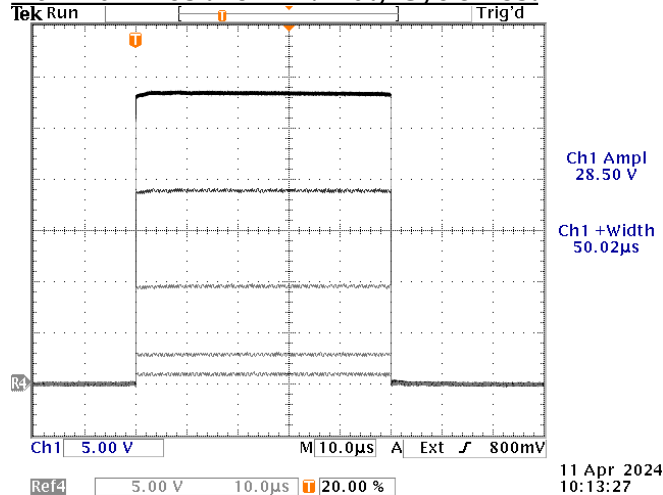
d) Fall Time (80%-20%): < 50 ns

e) PRF: 1 Hz – 1 kHz

f) Jitter, Stability: OK

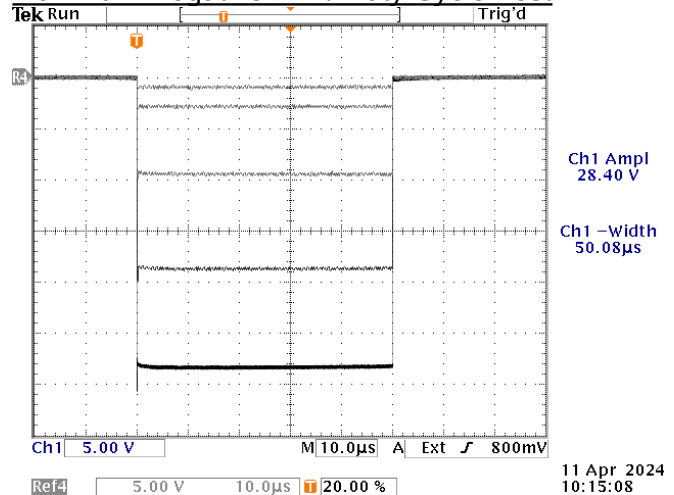
g) Prime Power: 100-240V AC, 50-60 Hz.

Maximum Positive PW / Duty Cycle Test



50 Hz, 50  $\mu s$ , at +1A, +3A, +10A, +20A, and +30A into a 0.952 Ohm load installed on the end of the supplied AV-CLZ1-100 cable.

Maximum Negative PW / Duty Cycle Test



50 Hz, 50  $\mu s$ , at -1A, -3A, -10A, -20A, and -30A into a 0.952 Ohm load installed on the end of the supplied AV-CLZ1-100 cable.