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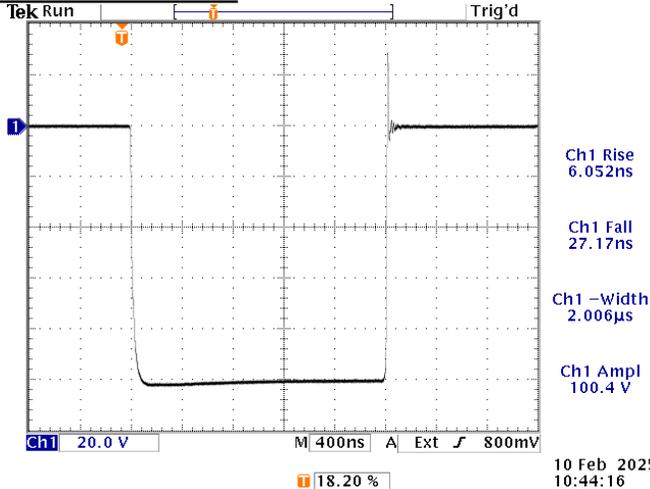
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BOX 5120, LCD MERIVALE
OTTAWA, CANADA K2C3H5

PERFORMANCE CHECKSHEET

Model: AVOZ-B3-B-N-AC22
Type: High-Speed High-Current Pulsed-Voltage Laser Diode Driver
S.N.: 14512
Date: February 10, 2025

Rise / Fall Time Test



100 Hz, 2 us, -100V into a 1Ω / 100W test load, using AV-CLZ1-60 cabling. 20 V/div, 400 ns/div

a) Output Signal Amplitude: up to -100V

b) Pulse Width (FWHM): 100 ns – 2 us

c) Rise Time (20%-80%): < 35 ns

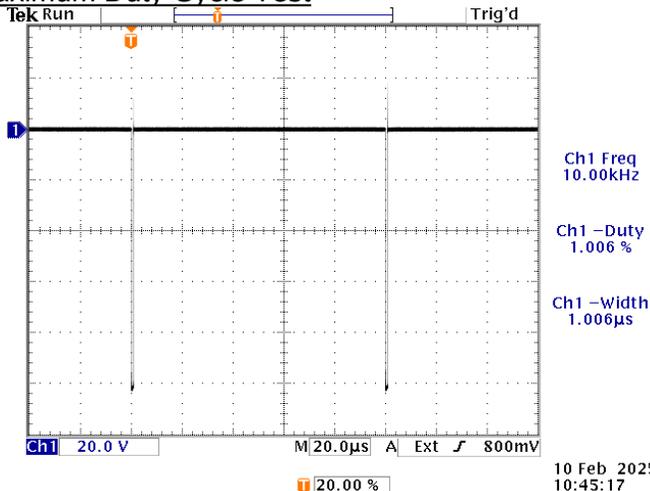
d) Fall Time (80%-20%): < 35 ns

e) PRF: 1 Hz - 10 kHz

f) Jitter, Stability: OK

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

Maximum Duty Cycle Test



10 kHz, 1 us, -100V into a 1Ω / 100W test load, using AV-CLZ1-60 cabling. 20 V/div, 20 us/div