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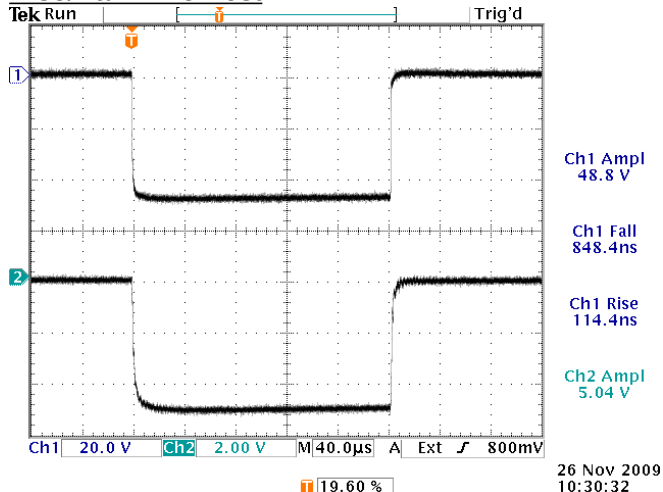
BOX 5120, LCD MERIVALE
OTTAWA, ONTARIO
CANADA K2C 3H4

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PERFORMANCE CHECKSHEET

Model: AVO-8D2-B-N-AK4-AC03
Type: High-Current Pulsed-Voltage Laser Diode Driver
S.N.: 12357
Date: November 26, 2009

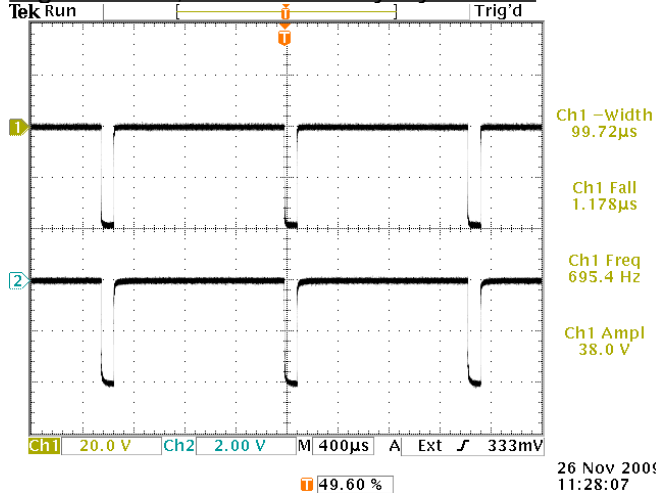
Rise/Fall Time Test



Top: OUT, -48.8V into AV-HTL-0R1 test load (0.097Ω, ≈ 500A), 200 us pulse width.
Bottom: Monitor output, into open circuit.

- a) Output Signal Amplitude: 0 to -50V, to 0.1Ω
- b) Pulse Width (FWHM): 5 us – 10 ms
- c) Rise Time (20%-80%): < 2 us
- d) Fall Time (80%-20%): < 2 us
- e) PRF: 1 Hz – 1 kHz
- f) Jitter, Stability: OK
- g) Prime Power: 100-240V AC, 50-60 Hz.

High Current, Maximum Duty Cycle Test



Top: OUT, -38V into AV-HTL-0R1 test load (0.097Ω, ≈ 400A), 7% duty cycle.
Bottom: Monitor output, into open circuit.

20%-80% reference levels.