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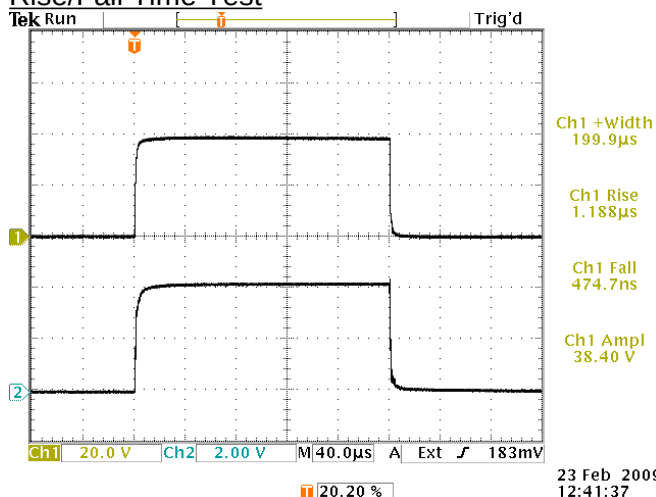
BOX 5120, LCD MERIVALE  
OTTAWA, ONTARIO  
CANADA K2C 3H4

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PERFORMANCE CHECKSHEET

Model: AVO-8D2-B-TRIP-AK4-AK6-R6-P  
Type: High-Current Pulsed-Voltage Laser Diode Driver  
S.N.: 12124  
Date: February 23, 2009

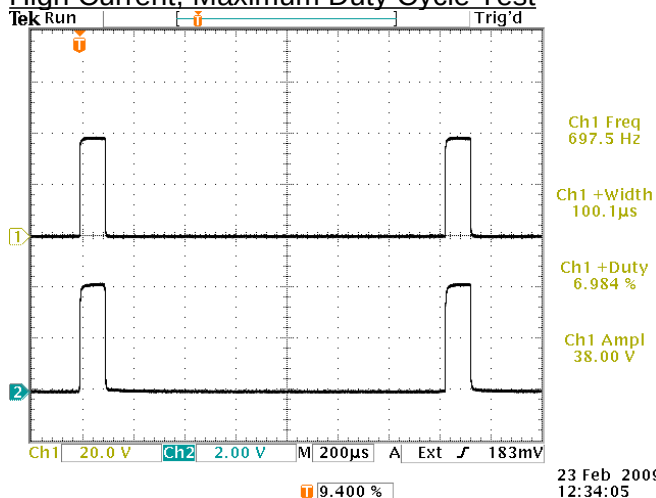
Rise/Fall Time Test



Top: OUT, +38V into AV-HTL-0R1 test load (0.097Ω, ≈ 400A), 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.