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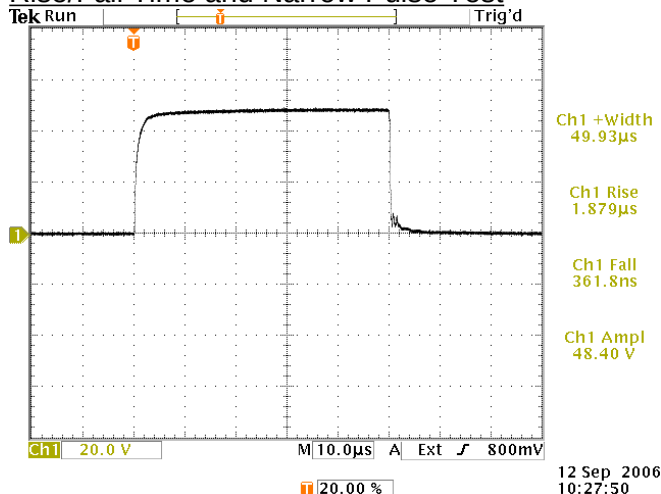
BOX 5120, LCD MERIVALE
OTTAWA, ONTARIO
CANADA K2C 3H4

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PERFORMANCE CHECKSHEET

Model: AVO-8D1-B-AK3-TRIP-P
Type: High-Current Pulsed-Voltage Laser Diode Driver
S.N.: 11543
Date: September 12, 2006

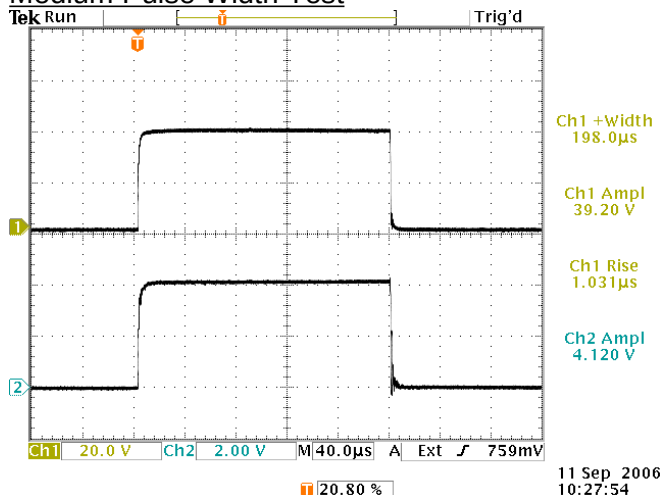
Rise/Fall Time and Narrow Pulse Test



- 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.

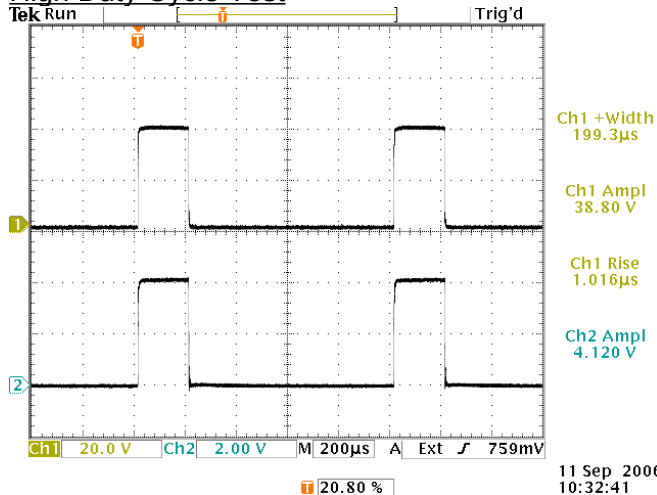
OUT, +50V into AV-HTL-0R1 test load (0.1 Ohms, ≈ 500A). 10%-90% reference levels.

Medium Pulse Width Test



Top: OUT, +40V into AV-HTL-0R1 test load (0.1 Ohms, ≈ 400A), 200 us pulse width.
Bottom: Monitor output, into open circuit. 20%-80% reference levels.

High Duty Cycle Test



Top: OUT, +40V into AV-HTL-0R1 test load (0.1 Ohms, ≈ 400A), 20% duty cycle.
Bottom: Monitor output, into open circuit. 20%-80% reference levels.