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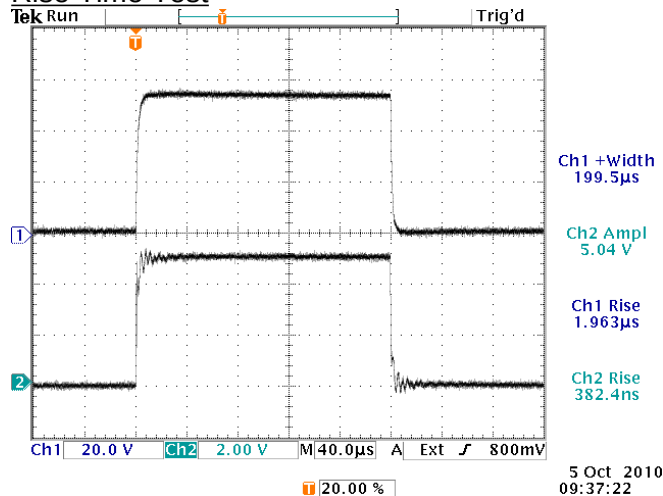
BOX 5120, LCD MERIVALE
OTTAWA, ONTARIO
CANADA K2C 3H4

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PERFORMANCE CHECKSHEET

Model: AVO-8D3-B-TRIP-AK3-AK9-P
Type: High-Current Pulsed-Voltage Laser Diode Driver
S.N.: 12509
Date: October 5, 2010

Rise Time Test



Top: OUT, 500A into a 0.11 Ohm test load installed directly on a AV-HLZAX adapter.
Bottom: Current 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

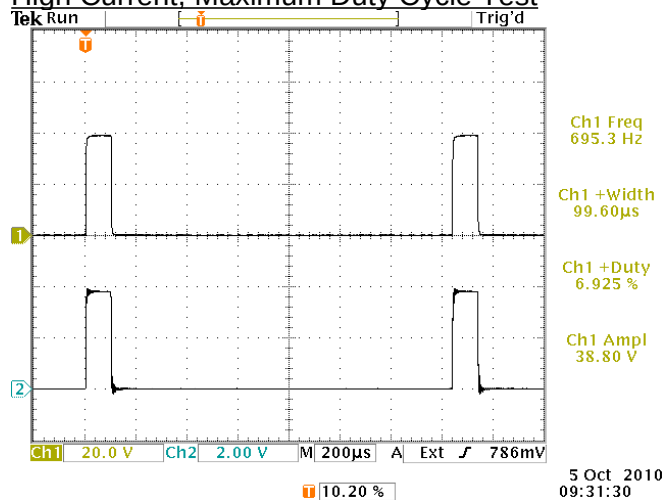
d) Fall Time (80%-20%): < 2 us

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, +39V (≈ 380A) into an AV-HTL-0R1 test load, 7% duty cycle.
Bottom: Monitor output, into open circuit.

20%-80% reference levels.