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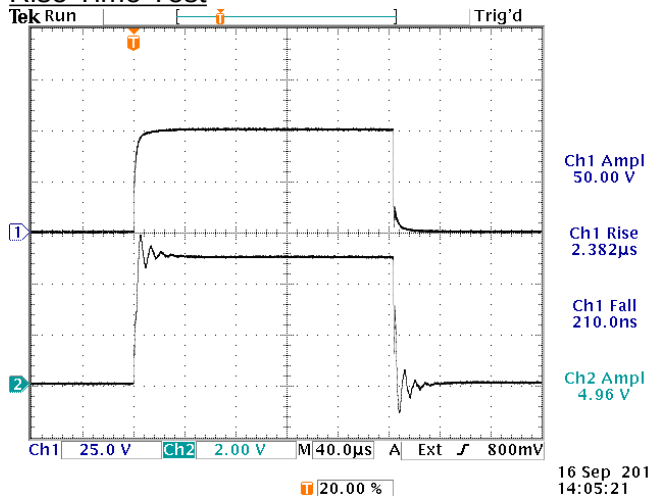
BOX 5120, LCD MERIVALE  
OTTAWA, ONTARIO  
CANADA K2C 3H5

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PERFORMANCE CHECKSHEET

Model: AVO-8D3-B-P-AC22  
Type: High-Current Pulsed-Voltage Laser Diode Driver  
S.N.: 13203  
Date: September 16, 2014

Rise Time Test



a) Output Signal Amplitude: 0 to +50V, to 0.1Ω

b) Pulse Width (FWHM): 5 us – 10 ms

c) Rise Time (20%-80%): < 2.5 us

d) Fall Time (80%-20%): < 2.5 us

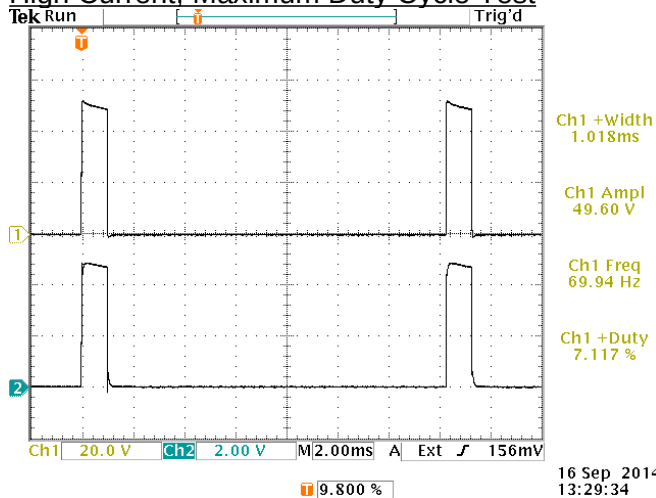
e) PRF: 1 Hz – 1 kHz

f) Jitter, Stability: OK

Top: OUT, 500A into a 0.1 Ohm test load installed directly on a AV-HLZAX adapter.  
Bottom: Current monitor output, into open circuit.

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

High Current, Maximum Duty Cycle Test



Top: OUT, +50V into an AV-HTL-0R1 test load, 7% duty cycle.

Bottom: Monitor output, into open circuit.

20%-80% reference levels.