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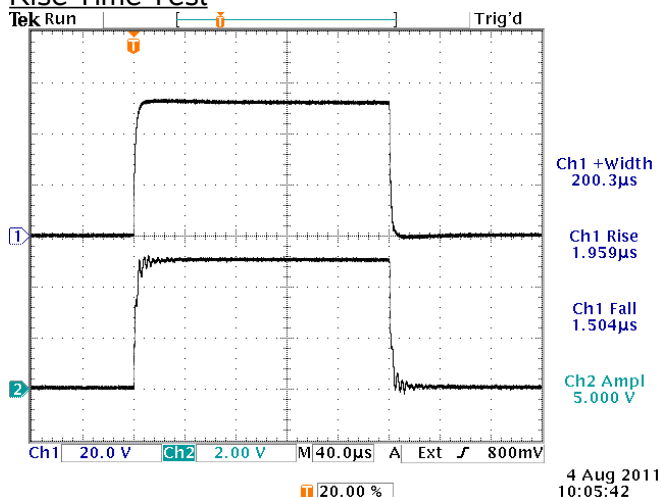
BOX 5120, LCD MERIVALE
OTTAWA, ONTARIO
CANADA K2C 3H4

info@avtechpulse.com - http://www.avtechpulse.com/

PERFORMANCE CHECKSHEET

Model: AVO-8D3-B-AK3-AK9-P
Type: High-Current Pulsed-Voltage Laser Diode Driver
S.N.: 12682
Date: August 4, 2011

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

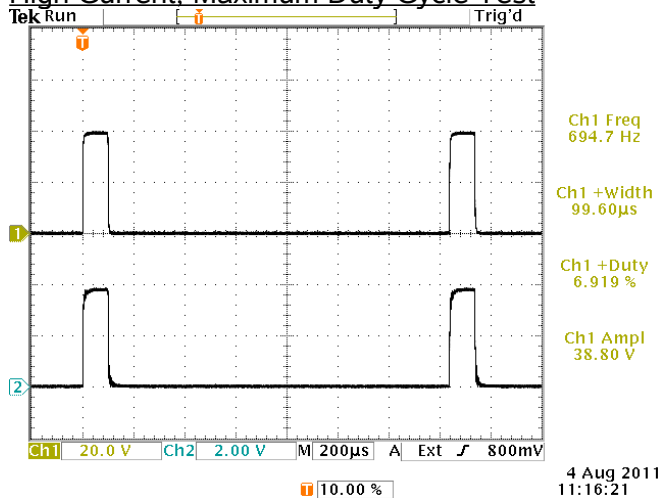
e) PRF: 1 Hz – 1 kHz

f) Jitter, Stability: OK

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

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

High Current, Maximum Duty Cycle Test



Top: OUT, +39V (≈ 388A) into an AV-HTL-0R1 test load, 7% duty cycle.
Bottom: Monitor output, into open circuit.

20%-80% reference levels.