



P.O. BOX 265
OGDENSBURG, NY
U.S.A. 13669-0265

TEL: 888-670-8729 (USA & Canada) or +1-613-686-6675 (Intl)
FAX: 800-561-1970 (USA & Canada) or +1-613-686-6679 (Intl)

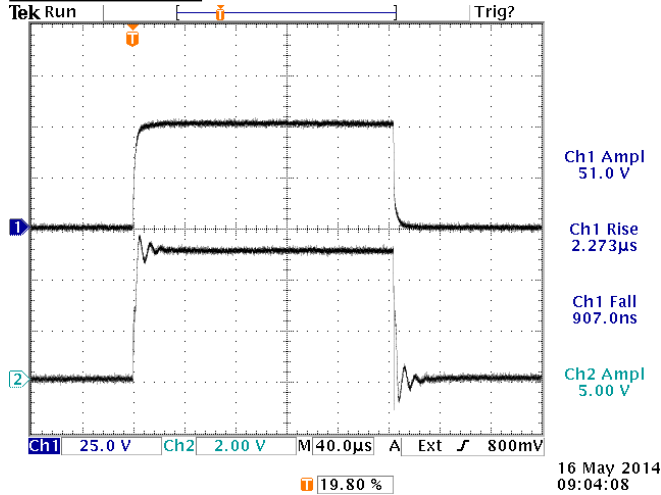
BOX 5120, LCD MERIVALE
OTTAWA, ONTARIO
CANADA K2C 3H5

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

PERFORMANCE CHECKSHEET

Model: AVO-8D3-B-P-AK3-AK9-VXI-TRIP-R6-AC03
Type: High-Current Pulsed-Voltage Laser Diode Driver
S.N.: 13156
Date: May 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

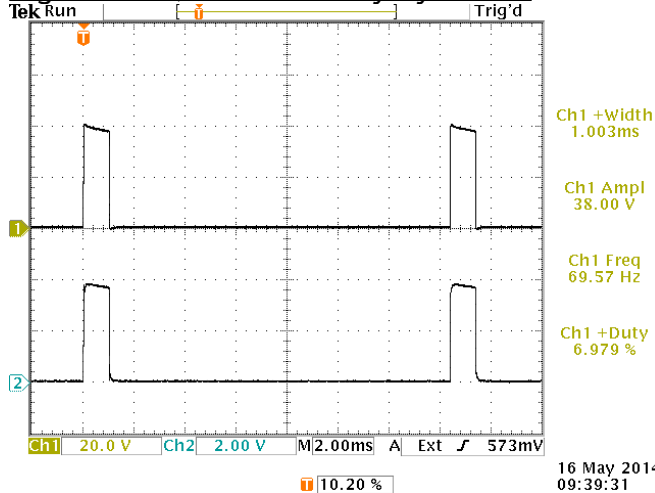
e) PRF: 1 Hz – 1 kHz

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, +38V into an AV-HTL-0R1 test load, 7% duty cycle.

Bottom: Monitor output, into open circuit.

20%-80% reference levels.