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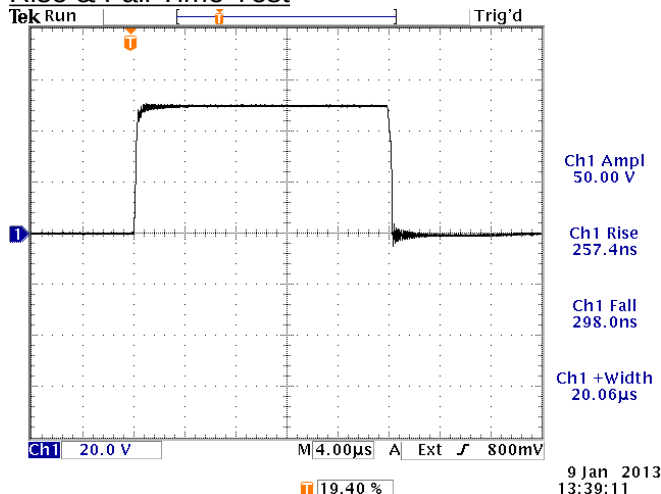
BOX 5120, LCD MERIVALE
OTTAWA, ONTARIO
CANADA K2C 3H5

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

PERFORMANCE CHECKSHEET

Model: AVO-8A3-B-TRIP-AK3-AK9-P-AC03
Type: High-Current Pulsed-Voltage Laser Diode Driver
S.N.: 12952
Date: January 9, 2013

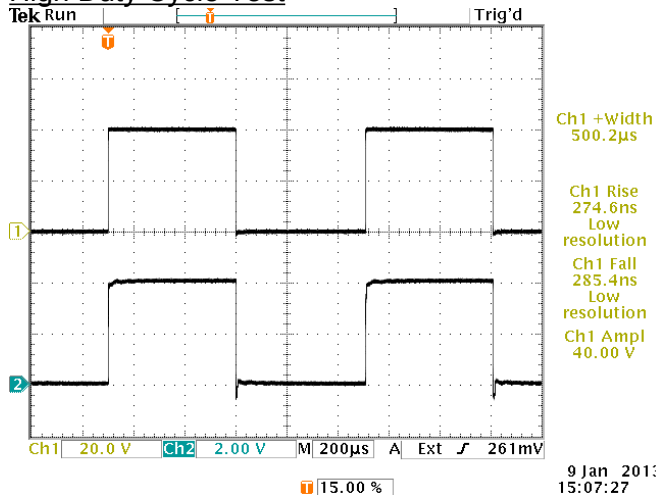
Rise & Fall Time Test



10 Hz, 20 us, +50V into a 1Ω load (AV-HTL-1R0-HLZ, S/N 12953). 20 V/div, 4 us/div.

- a) Output Signal Amplitude: 0 to +50V, to 1Ω
- b) Pulse Width (FWHM): 2 us - 1 s
- c) Rise Time (20%-80%): < 0.5 us
- d) Fall Time (20%-80%): < 0.5 us
- e) PRF: 1 Hz - 1 kHz
- f) Jitter, Stability: OK
- g) Prime Power: 100-240V AC, 50-60 Hz.

High Duty Cycle Test



1 kHz, 500 us, +40V into a 1Ω load (AV-HTL-1R0-HLZ, S/N 12953).

Top: Main output, 20 V/div, 200 us/div.

Bottom: Monitor output, 2 V/div, 200 us/div.

Reference levels: 20%, 80%.