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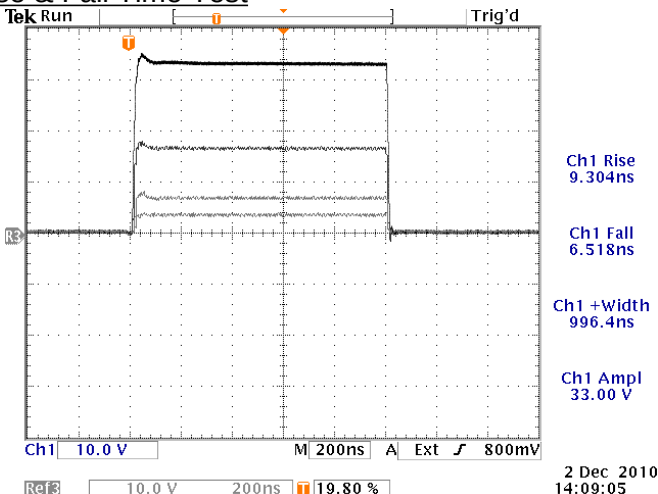
BOX 5120, LCD MERIVALE
OTTAWA, ONTARIO
CANADA K2C 3H4

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PERFORMANCE CHECKSHEET

Model: AV-107C-B-P
Type: Pulsed Laser Diode Driver
S.N.: 12542
Date: December 2, 2010

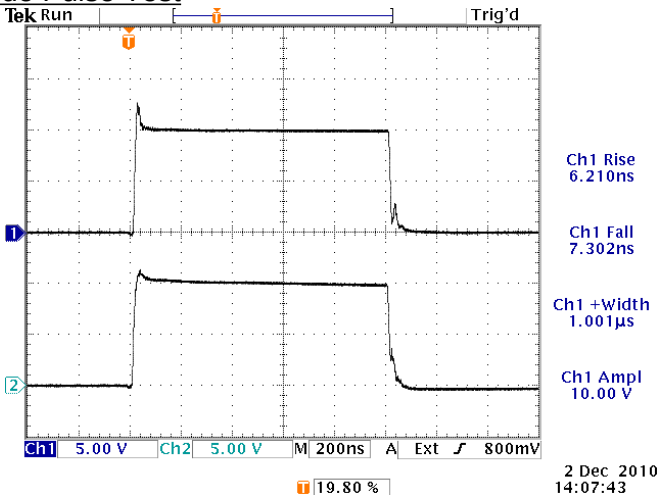
Rise & Fall Time Test



+1A, +2A, +5A, +10A into a 3.30 Ohm load installed on the rear panel. 1 us pulse width. 10 V/div, 200 ns/div.

- a) Output Signal Amplitude: to +10A
- b) Pulse Width (FWHM): 100 ns to 1 us
- c) Rise Time (20%-80%): < 20 ns
- d) Fall Time (80%-20%): < 20 ns
- e) PRF: 1 Hz – 5 kHz
- f) Jitter, Stability: OK
- g) Prime Power: 100-240V AC, 50-60 Hz.

Wide Pulse Test



Top: +10A into an AV-CTL1-ENC test load (0.96 Ohms). 1 us pulse width. 5 V/div, 200 ns/div.
Bottom: Monitor output into 50 Ohms.

References levels: 20%, 80%.