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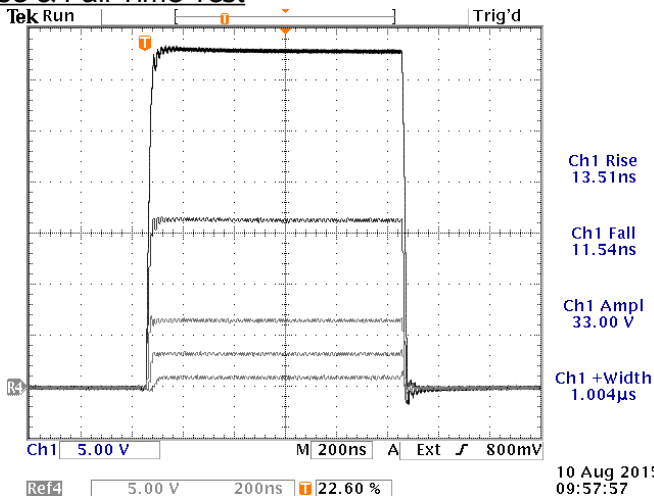
BOX 5120, LCD MERIVALE  
OTTAWA, ONTARIO  
CANADA K2C 3H5

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PERFORMANCE CHECKSHEET

Model: AV-107C-B-P-AC03-R5-VXI  
Type: Pulsed Laser Diode Driver  
S.N.: 13313  
Date: August 10, 2015

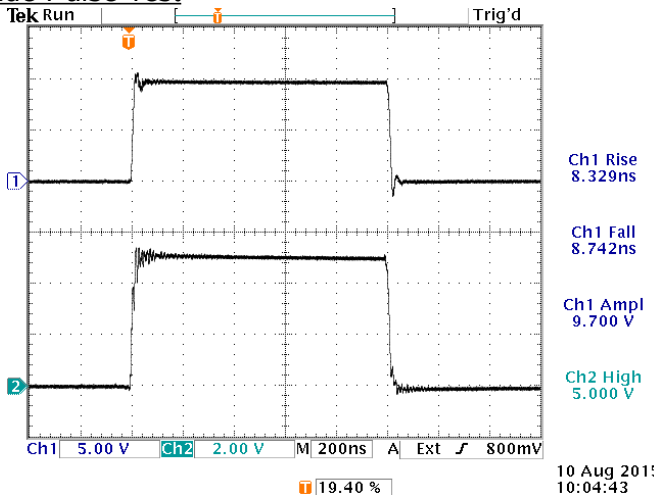
Rise & Fall Time Test



+0.3 / +1 / +2 / +5 / +10A into a 3.3 Ohm load installed on the rear panel. 5 V/div, 200 ns/div.

- a) Output Signal Amplitude: up 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 the supplied AV-CTL1-ENC test load (1.0 Ohms). 1 us pulse width. 5 V/div, 200 ns/div.  
Bottom: Monitor output into 50Ω.

References levels: 20%, 80%.