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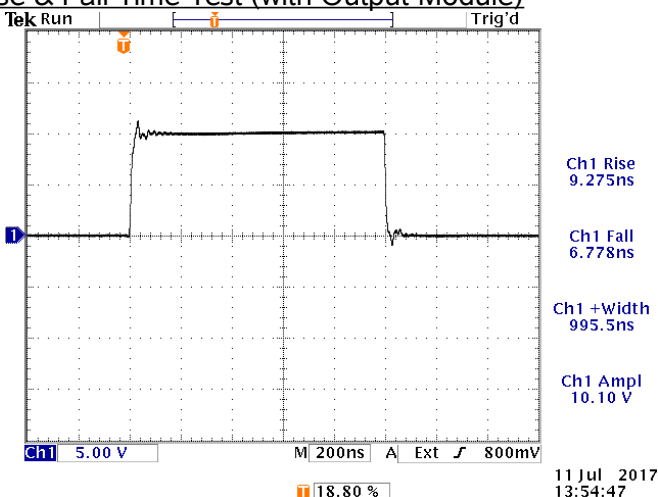
BOX 5120, LCD MERIVALE  
OTTAWA, ONTARIO  
CANADA K2C 3H5

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PERFORMANCE CHECKSHEET

Model: AVO-6HZ-B-PN-M-LEHB  
Type: High-Speed High-Power Laser Diode Driver  
S.N.: 13571  
Date: July 11, 2017

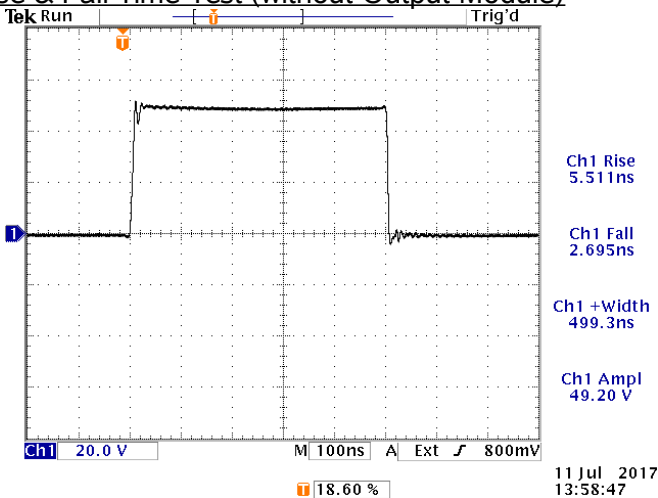
Rise & Fall Time Test (with Output Module)



+10A, 1 us, 100 Hz. Attached single load on output module = 4.99Ω. Current measured with a Tekronix CT2 probe. 5 A/div, 200 ns/div.

- a) Output Signal Amplitude: up to ±105V
- b) Pulse Width (FWHM): 50 ns - 50 us, 1% duty cycle
- c) Rise Time (20%-80%): < 15 ns
- d) Fall Time (20%-80%): < 15 ns
- e) PRF: 1 Hz - 100 kHz
- f) Jitter, Stability: OK
- g) Prime Power: 100-240V AC, 50-60 Hz.

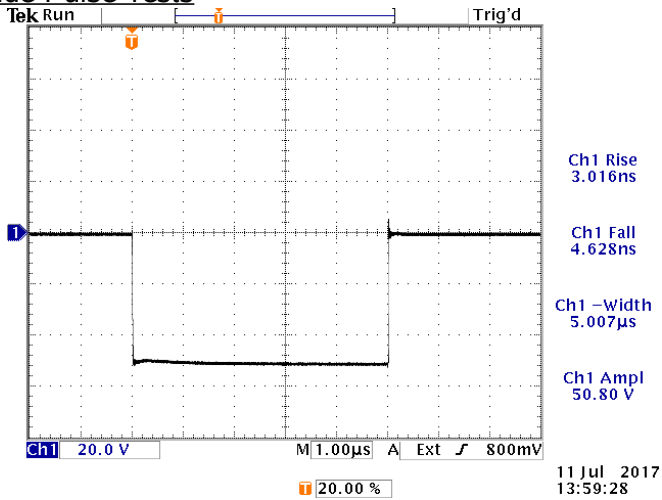
Rise & Fall Time Test (without Output Module)



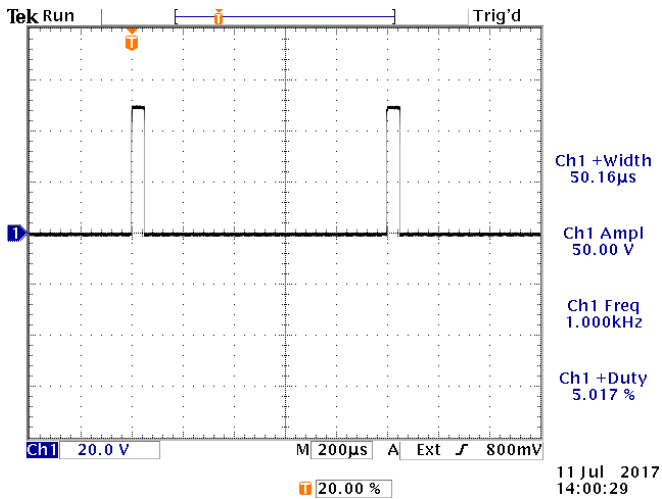
100 Hz, 500 ns, +100V into one of ten 50Ω loads attached to the rear-panel outputs. 20 V/div, 100 ns/div.

References levels: 20%, 80%.

## Wide Pulse Tests



100 Hz, 5 us, -100V into one of ten 50Ω loads attached to the rear-panel outputs.  
20 V/div, 1 us/div.



1000 Hz, 50 us, +100V into one of ten 50Ω loads attached to the rear-panel outputs.  
20 V/div, 200 us/div.