



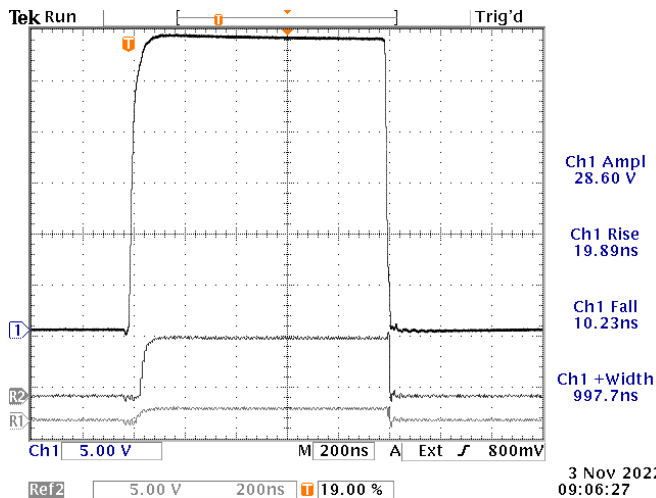
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BOX 5120, LCD MERIVALE  
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PERFORMANCE CHECKSHEET

Model: AV-107E-B-PN-X2  
Type: Pulsed Laser Diode Driver  
S.N.: 14296  
Date: November 3, 2022



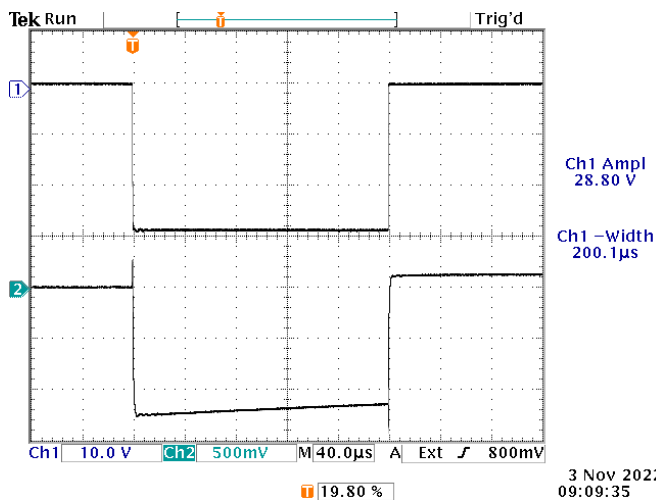
3 Nov 2022  
09:06:27

+0.1 / +0.5 / +2.5A into the supplied AV-CTL11-ENC test load (11.52Ω). 1 us pulse width. 5 V/div, 200 ns/div.

- a) Output Signal Amplitude: up to  $\pm 2.5A$
- b) Pulse Width (FWHM): 200 ns to 200 us
- c) Rise Time (20%-80%): < 30 ns
- d) Fall Time (80%-20%): < 30 ns
- e) PRF: 1 Hz – 1 kHz

f) Jitter, Stability: OK

g) Prime Power: 100-240V AC, 50-60 Hz.



3 Nov 2022  
09:09:35

Top: -2.5A into the supplied AV-CTL11-ENC test load (11.52Ω). 200 us pulse width. 10 V/div, 40 us/div.  
Bottom: MON MAX output into 50Ω (500 mV/div).

References levels: 20%, 80%.