



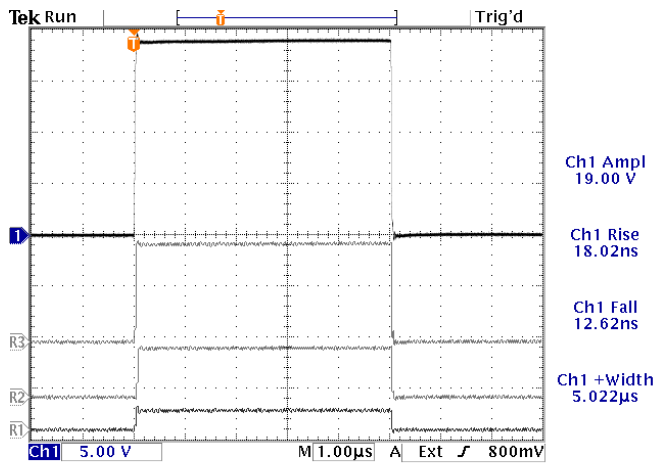
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BOX 5120, LCD MERIVALE  
OTTAWA, CANADA K2C3H5

PERFORMANCE CHECKSHEET

Model: AV-107D-B-PN-OS-AC03  
Type: High-Speed, High-Current Laser Diode Driver  
S.N.: 13929  
Date: September 13, 2019



a) Output Signal Amplitude: up to ±20A

b) Pulse Width (FWHM): 50 ns – 5 us

c) Rise Time (20%-80%): < 30 ns

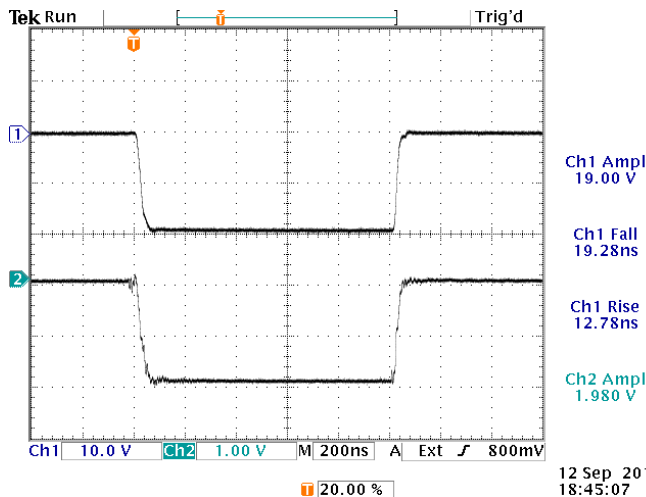
d) Fall Time (80%-20%): < 30 ns

e) PRF: 1 Hz - 500 Hz

12 Sep 2019 18:43:36  
+2A, +5A, +10A and +20A into a 0.949Ω load installed on the end of the AV-CLZ1-100 transmission line cable assembly. 5 V/div, 1 us/div.

f) Jitter, Stability: OK

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



12 Sep 2019 18:45:07  
Top: -20A into a 0.947Ω load installed on the end of the AV-CLZ1-100 transmission line. 10V/div.  
Bottom: Monitor output into 50Ω. 1 V/div.  
Both: 200 ns/div.

References levels: 20%, 80%.