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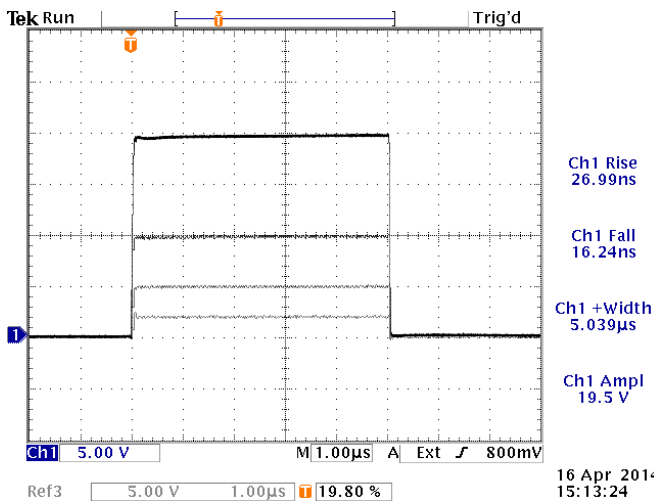
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BOX 5120, LCD MERIVALE
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PERFORMANCE CHECKSHEET

Model: AV-107D-B-P
Type: High-Speed, High-Current Laser Diode Driver
S.N.: 13145
Date: April 16, 2014



a) Output Signal Amplitude: up to +20A

b) Pulse Width (FWHM): 50 ns – 5 us

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

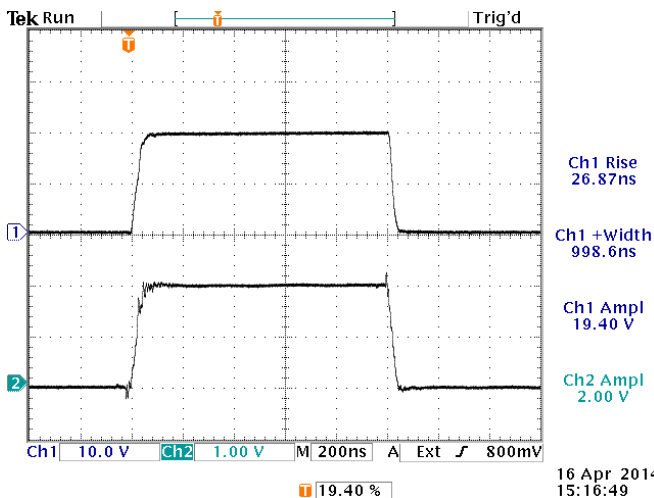
d) Fall Time (80%-20%): < 30 ns

e) PRF: 1 Hz - 500 Hz

f) Jitter, Stability: OK

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

+2A, +5A, +10A and +20A into a 0.965Ω load installed on the end of the AV-CLZ1-100 transmission line cable assembly. 5 V/div, 1 us/div.



Top: +20A into a 0.965Ω 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%.