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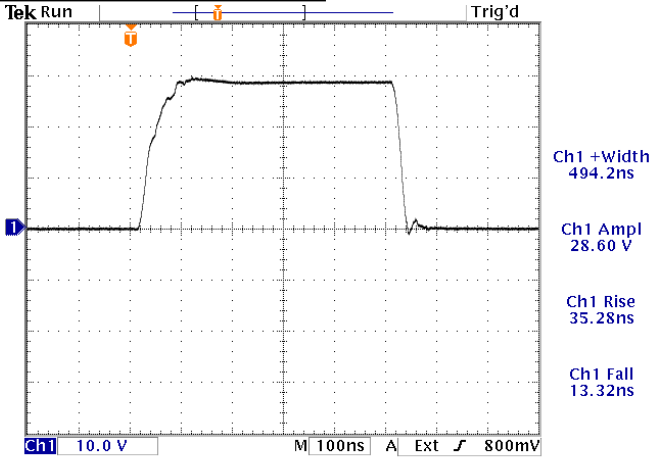
BOX 5120, LCD MERIVALE
OTTAWA, ONTARIO
CANADA K2C 3H5

info@avtechpulse.com - http://www.avtechpulse.com/

PERFORMANCE CHECKSHEET

Model: AV-106A-B-PN-USAFA
Type: Pulsed Laser Diode Driver
S.N.: 13093
Date: November 21, 2013

Positive Rise/Fall Time Test



21 Nov 2013
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+30A, 500 ns, 200 Hz, into a 0.957 Ohm load installed on the end of the supplied AV-CLZ1-100 cable.

a) Output Signal Amplitude: up to $\pm 30A$

b) Pulse Width (FWHM): 0.5 to 50 μs

c) Rise Time (20%-80%): < 50 ns

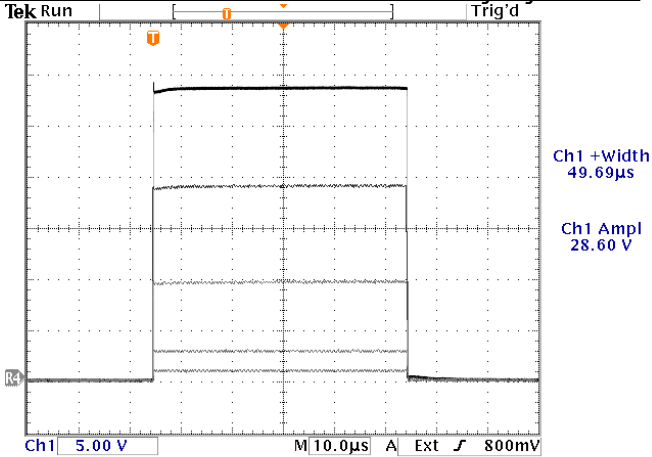
d) Fall Time (80%-20%): < 50 ns

e) PRF: 1 Hz – 10 kHz

f) Jitter, Stability: OK

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

Positive Maximum Pulse Width and Duty Cycle Test

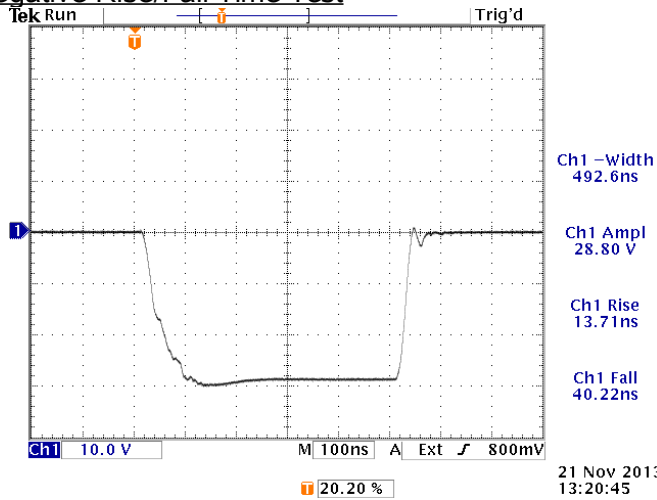


21 Nov 2013
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200 Hz, 50 μs , at +1A, +3A, +10A, +20A, and +30A into a 0.957 Ohm load installed on the end of the supplied AV-CLZ1-100 cable.

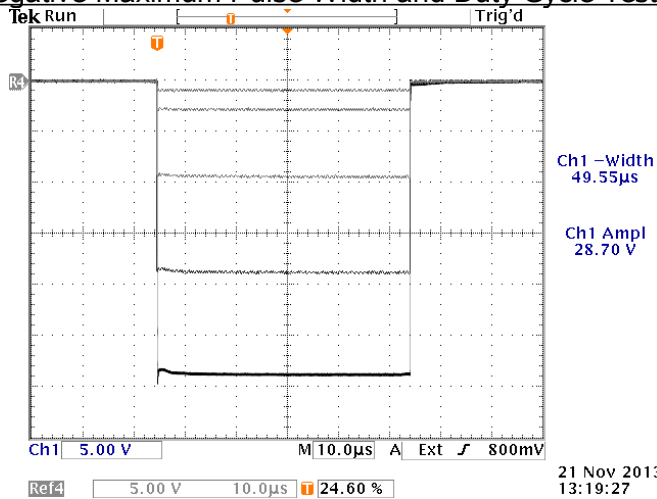
References levels: 20%, 80%.

Negative Rise/Fall Time Test



-30A, 500 ns, 200 Hz, into a 0.957 Ohm load installed on the end of the supplied AV-CLZ1-100 cable.

Negative Maximum Pulse Width and Duty Cycle Test



200 Hz, 50 us, at -1A, -3A, -10A, -20A, and -30A into a 0.957 Ohm load installed on the end of the supplied AV-CLZ1-100 cable.