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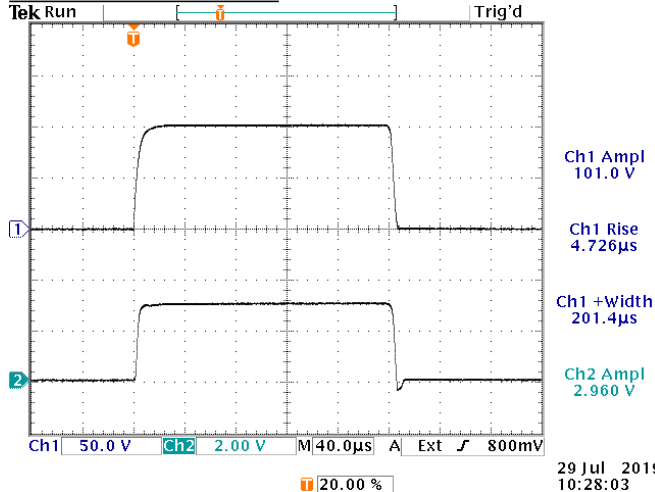
BOX 5120, LCD MERIVALE
OTTAWA, ONTARIO
CANADA K2C 3H5

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

PERFORMANCE CHECKSHEET

Model: AV-108F-4A-B-P-AK3-AK9-CC1
Type: Pulsed Constant Current Generator or Laser Diode Driver
S.N.: 13904
Date: July 29, 2019

Rise / Fall Time Test



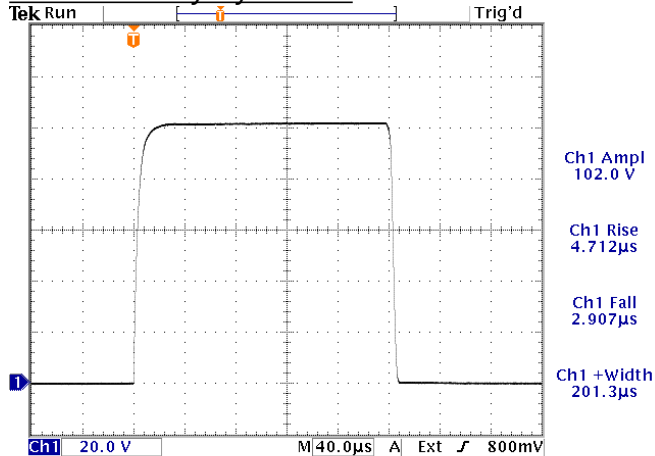
29 Jul 2019
10:28:03

Top: OUT, +150A into 0.675Ω.
Bottom: Monitor output (1V / 50A).

- a) Output Signal Amplitude: up to +150A
- b) Pulse Width (FWHM): 20 us - 200 us
- c) Rise Time (20%-80%): < 15 us
- d) Fall Time (80%-20%): < 15 us
- e) PRF: 1 Hz - 1 kHz
- f) Jitter, Stability: OK
- g) Prime Power: 100-240V AC, 50-60 Hz.

References levels: 20%, 80%.

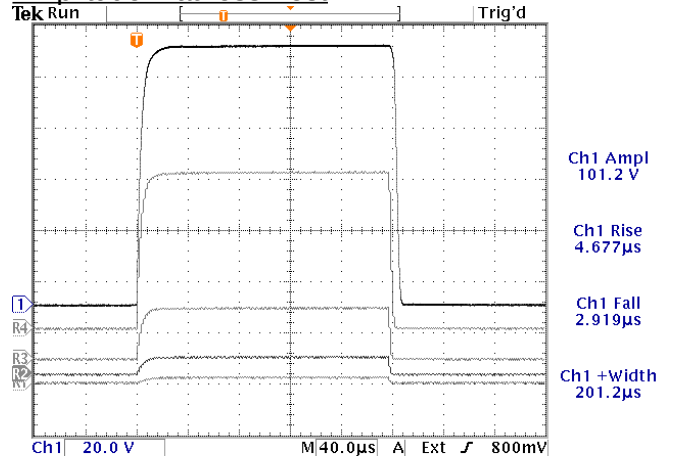
Maximum Duty Cycle Test



29 Jul 2019
10:27:21

+150A into 0.675Ω, at 133 Hz, 200 us (for an average current of 4.0A).

Amplitude Flatness Test



29 Jul 2019
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+3A, +10A, +30A, +90A, and +150A into 0.675Ω, at 10 Hz, 200 us.