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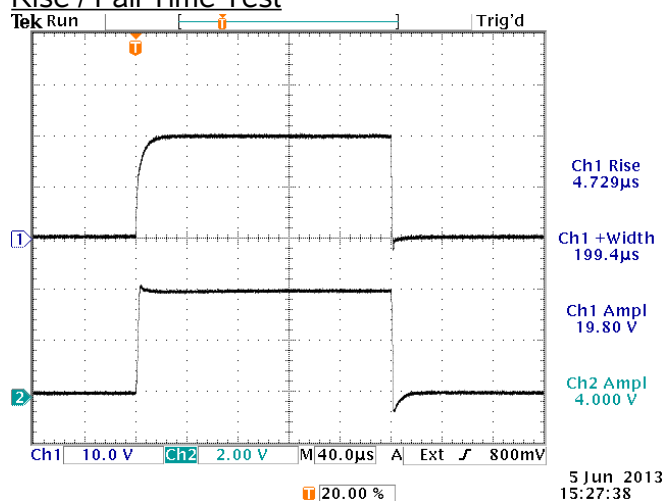
BOX 5120, LCD MERIVALE
OTTAWA, ONTARIO
CANADA K2C 3H5

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

PERFORMANCE CHECKSHEET

Model: AV-108F-3A-B-P-AK9-AC22
Type: Pulsed Constant Current Generator or Laser Diode Driver
S.N.: 13021
Date: June 6, 2013

Rise / Fall Time Test

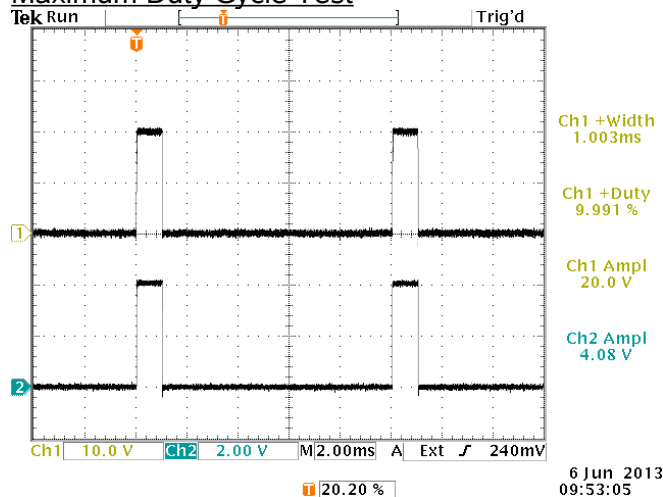


- a) Output Signal Amplitude: up to +200A
- b) Pulse Width (FWHM): 20 us - 1 ms
- c) Rise Time (20%-80%): < 10 us
- d) Fall Time (80%-20%): < 10 us
- e) PRF: 1 Hz - 1 kHz
- f) Jitter, Stability: OK
- g) Prime Power: 100-240V AC, 50-60 Hz.

Top: OUT, +200A into AV-HTL-0R1 (0.099Ω).
Bottom: Monitor output (2V / 100A).

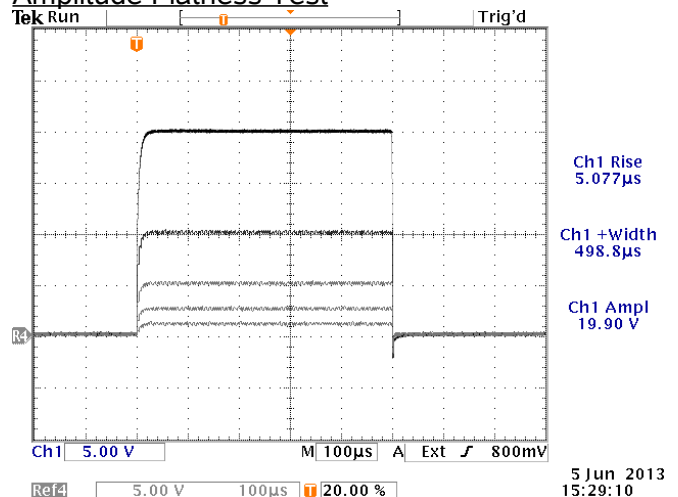
References levels: 20%, 80%.

Maximum Duty Cycle Test



Top: OUT, +200A into a water-cooled AV-HTL-0R1 (0.099Ω), at 100 Hz, 1 ms.
Bottom: Monitor output (2V / 100A).

Amplitude Flatness Test



+10A, +25A, 50A, +100A, and +200A into AV-HTL-0R1 (0.099Ω) at 20 Hz, 500 us.