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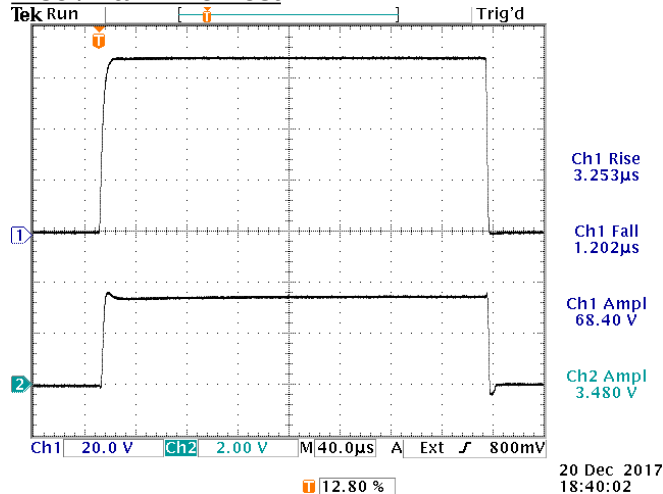
BOX 5120, LCD MERIVALE
OTTAWA, ONTARIO
CANADA K2C 3H5

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

PERFORMANCE CHECKSHEET

Model: AV-108F-4A-B-AC03-P-IPGC
Type: Pulsed Constant Current Generator or Laser Diode Driver
S.N.: 13660
Date: December 21, 2017

Rise / Fall Time Test

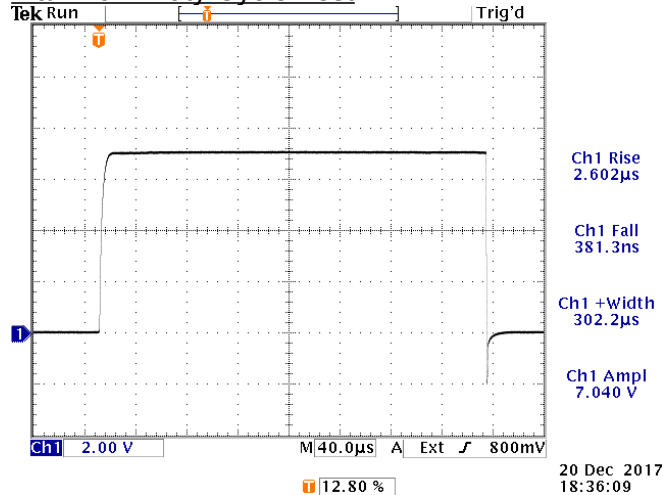


- a) Output Signal Amplitude: up to +70A
- b) Pulse Width (FWHM): 20 us - 300 us
- c) Rise Time (20%-80%): < 10 us
- d) Fall Time (80%-20%): < 10 us
- e) PRF: 1 Hz - 1 kHz
- f) Jitter, Stability: OK
- g) Prime Power: 100-240V AC, 50-60 Hz.

Top: OUT, +70A into an AV-HLZAX with ~1 Ohm installed.
Bottom: Monitor output (1V / 20A).

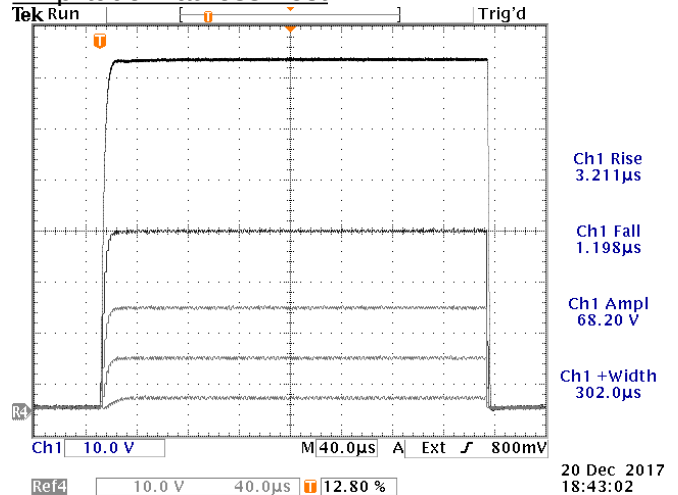
References levels: 20%, 80%.

Maximum Duty Cycle Test



+70A into an AV-HTL-0R1 test load, at 190 Hz, 300 us (for an average current of 4.0A).

Amplitude Flatness Test



+2A, +10A, +20A, +35A, and +70A into an AV-HLZAX with ~1 Ohm installed, at 10 Hz, 300 us.