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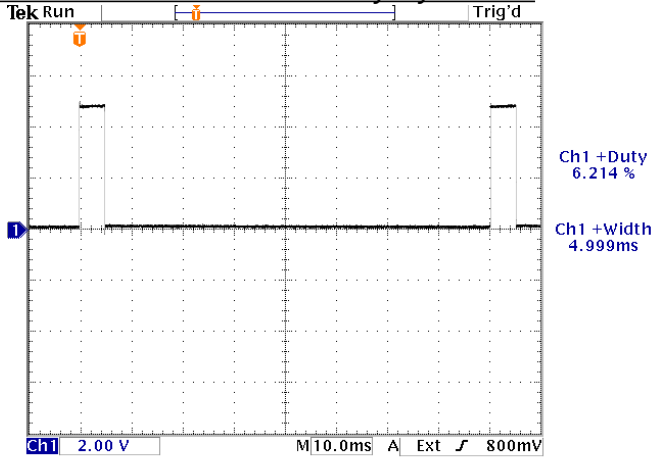
BOX 5120, LCD MERIVALE
OTTAWA, ONTARIO
CANADA K2C 3H4

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

PERFORMANCE CHECKSHEET

Model: AV-108E-1-B-P-BOE1-AK5
Type: Pulsed Constant Current Generator or Laser Diode Driver
S.N.: 12444
Date: June 10, 2010

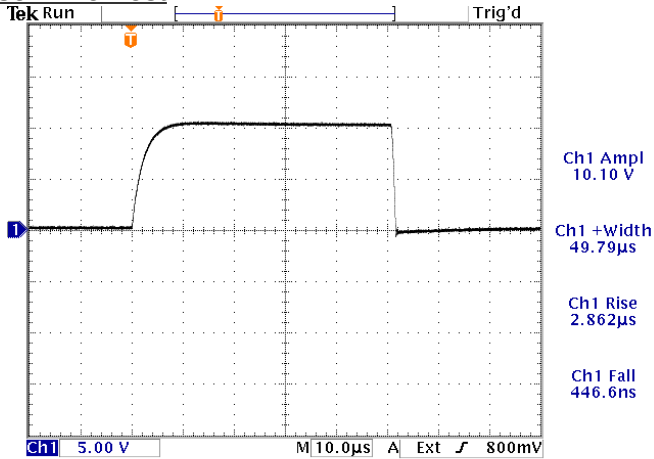
Maximum Pulse Width and Duty Cycle Test



- a) Output Signal Amplitude: 0 to +50A
- b) Pulse Width (FWHM): 20 us - 5 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.

50A into 0.097 Ohms, 5 ms pulse width, > 3A average current. 2V/div, 10 ms/div.

Rise Time Test



50A into 0.201 Ohms, 50 us pulse width. 5V/div, 10 us/div.

References levels: 20%, 80%.