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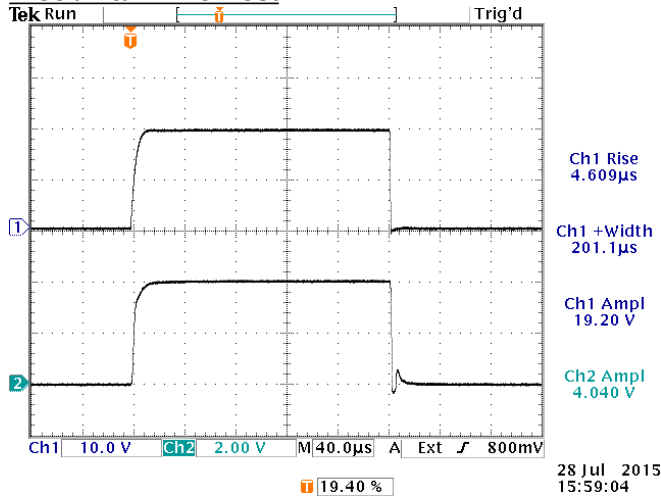
BOX 5120, LCD MERIVALE  
OTTAWA, ONTARIO  
CANADA K2C 3H5

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

PERFORMANCE CHECKSHEET

Model: AV-108F-3A-B-P-AK3-AK9-AC22  
Type: Pulsed Constant Current Generator or Laser Diode Driver  
S.N.: 13308  
Date: July 29, 2015

Rise / Fall Time Test

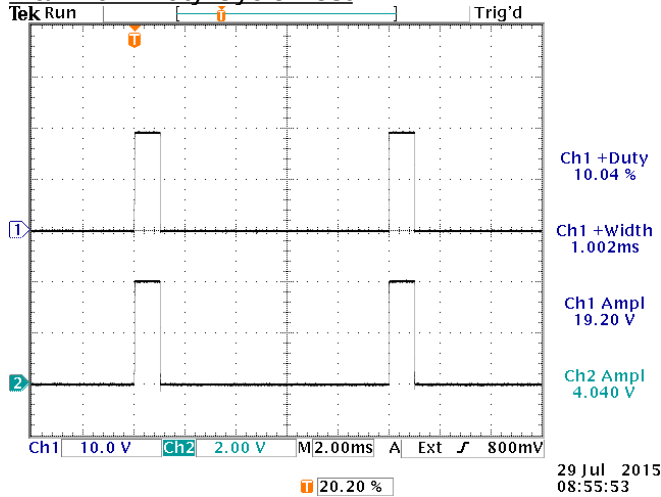


Top: OUT, +200A into AV-HTL-0R1 (0.096Ω), measured at load.  
Bottom: Monitor output (4V / 200A).

- 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.

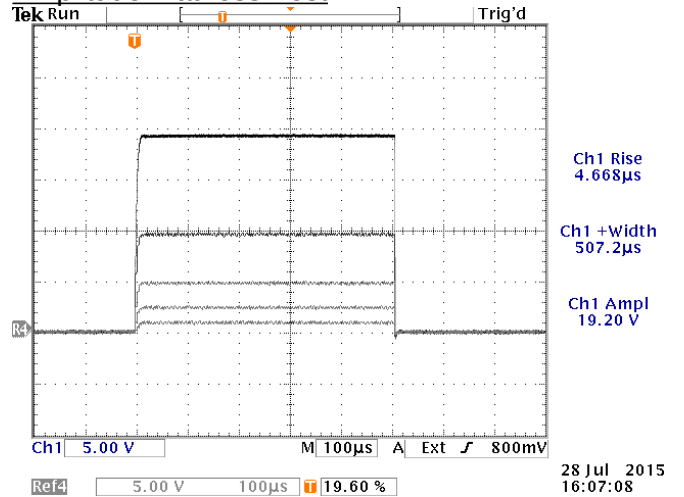
References levels: 20%, 80%.

Maximum Duty Cycle Test



Top: OUT, +200A into a water-cooled AV-HTL-0R1 (0.096Ω), at 100 Hz, 1 ms.  
Bottom: Monitor output (4V / 200A).

Amplitude Flatness Test



+10A, +25A, 50A, +100A, and +200A into AV-HTL-0R1 (0.096Ω) at 20 Hz, 500 us.