

P.O. BOX 265
OGDENSBURG, NY
U.S.A. 13669-0265

TEL: 888-670-8729 (USA & Canada) or +1-613-686-6675 (Intl)
FAX: 800-561-1970 (USA & Canada) or +1-613-686-6679 (Intl)

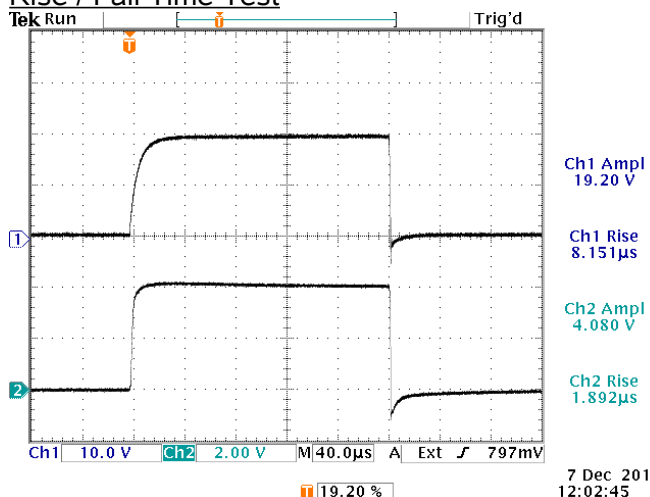
BOX 5120, LCD MERIVALE
OTTAWA, ONTARIO
CANADA K2C 3H4

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

PERFORMANCE CHECKSHEET

Model: AV-108F-3-B-AK6-AK4-P
Type: Pulsed Constant Current Generator or Laser Diode Driver
S.N.: 12545
Date: December 7, 2010

Rise / Fall Time Test

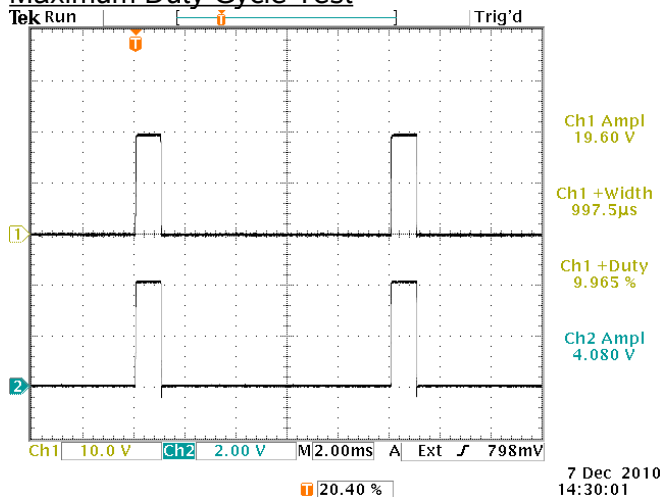


Top: OUT, +200A into AV-HTL-0R1 (0.097Ω).
Bottom: Monitor output (1V / 50A).

- a) Output Signal Amplitude: 0 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.

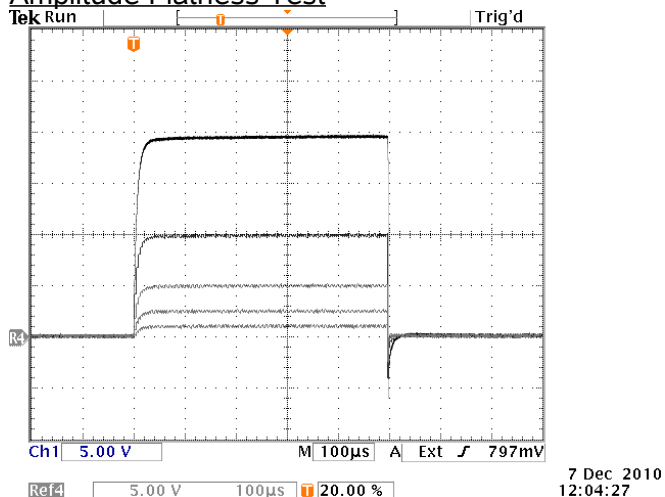
References levels: 20%, 80%.

Maximum Duty Cycle Test



Top: OUT, +200A into a water-cooled AV-HTL-0R1 (0.0978Ω), at 100 Hz, 1 ms.
Bottom: Monitor output (1V / 50A).

Amplitude Flatness Test



+10A, +25A, 50A, +100A, and +200A into AV-HTL-0R1 (0.097Ω) at 20 Hz, 500 us.