

P.O. BOX 265
OGDENSBURG, NY
U.S.A. 13669-0265
TEL: (315) 472-5270
FAX: (315) 883-1328

TEL: 1-800-265-6681
FAX: 1-800-561-1970

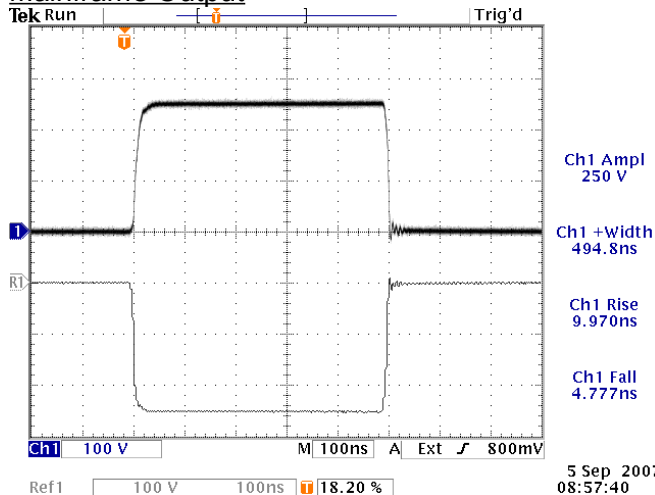
e-mail: info@avtechpulse.com
http://www.avtechpulse.com/

BOX 5120, LCD MERIVALE
OTTAWA, ONTARIO
CANADA K2C 3H4
TEL: (613) 226-5772
FAX: (613) 226-2802

PERFORMANCE CHECKSHEET

Model: AVO-6D-B-CLZ-TNT-BR-EA-OS-PN-M
Type: Pulsed Laser Diode Driver
S.N.: 11817
Date: September 5, 2007

Mainframe Output

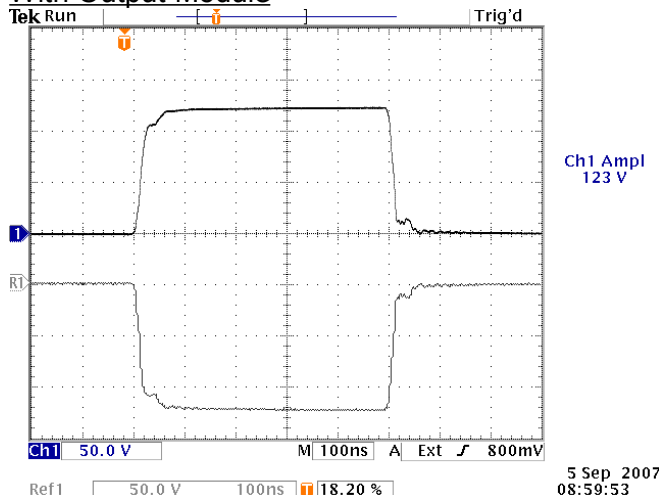


5 Sep 2007 08:57:40
Top: +250V, 500 ns, into 50Ω (no output module).
Bottom: -250V, 500 ns, into 50Ω.
1 kHz. 100 V/div, 100 ns/div.

- a) Output Signal Amplitude: 0 to ±10A
- b) Pulse Width (FWHM): 50 ns – 5 us
- c) Rise Time (20%-80%): < 15 ns
- d) Fall Time (80%-20%): < 15 ns
- e) PRF: 1 Hz - 10 kHz
- f) Jitter, Stability: OK
- g) Prime Power: 100-240V AC, 50-60 Hz.

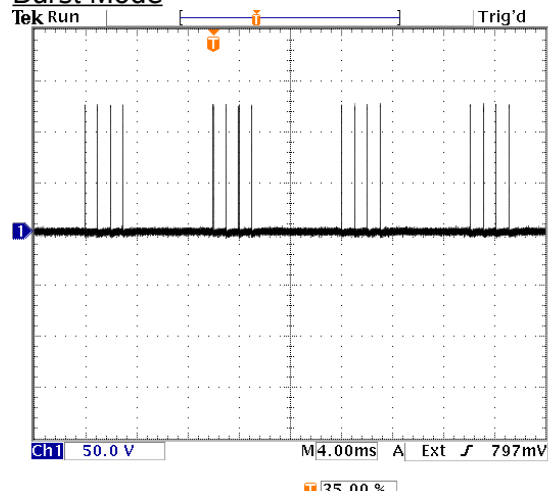
20%-80% reference levels.

With Output Module



5 Sep 2007 08:59:53
Same settings as above, but with the output module connected and driving a 12 Ω load (120V / 12Ω ≈ 10A).

Burst Mode



5 Sep 2007 10:41:22
N=4, spacing = 995 us, 100 Hz, +10A into a 12 Ohm load.