



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

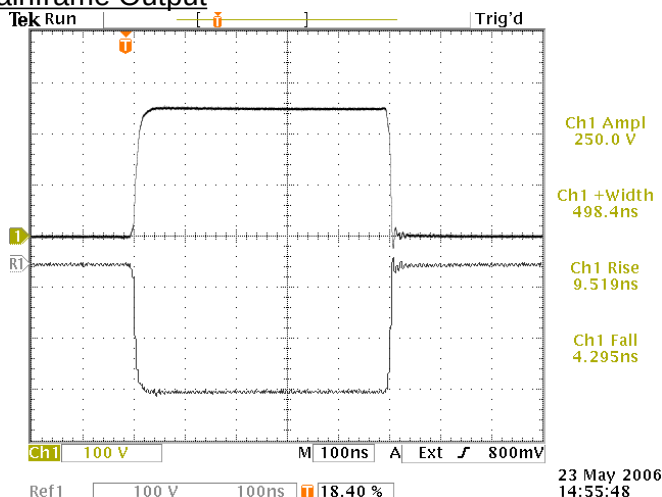
e-mail: [info@avtechpulse.com](mailto:info@avtechpulse.com)  
<http://www.avtechpulse.com/>

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

PERFORMANCE CHECKSHEET

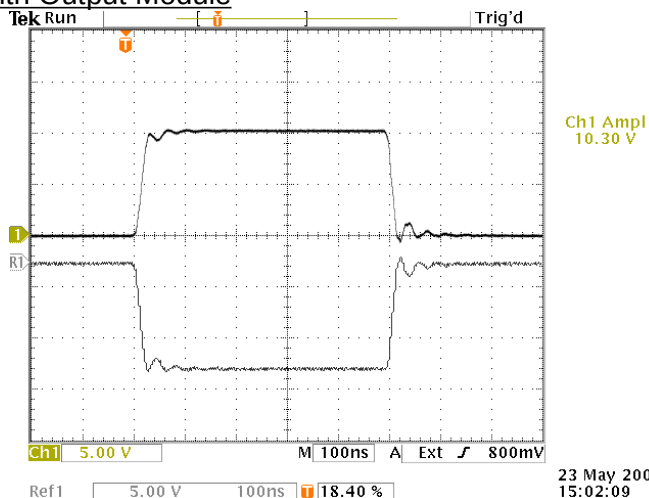
Model: AVO-6D-B-EA-M-OS-PN  
Type: Pulsed Laser Diode Driver  
S.N.: 11486  
Date: May 23, 2006

Mainframe Output



Top: +250V, 500 ns, into 50Ω. 100 V/div, 100 ns/div.  
Bottom: -250V, 500 ns, into 50Ω. 100 V/div, 100 ns/div.

With Output Module



Top, bottom: Output of a Tektronix CT-2 current probe  
for +250V, -250V inputs. 5 A/div, 100 ns/div. A Zero  
Ohm load is install through the CT-2 probe.

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

References levels: 20%, 80%.