



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)

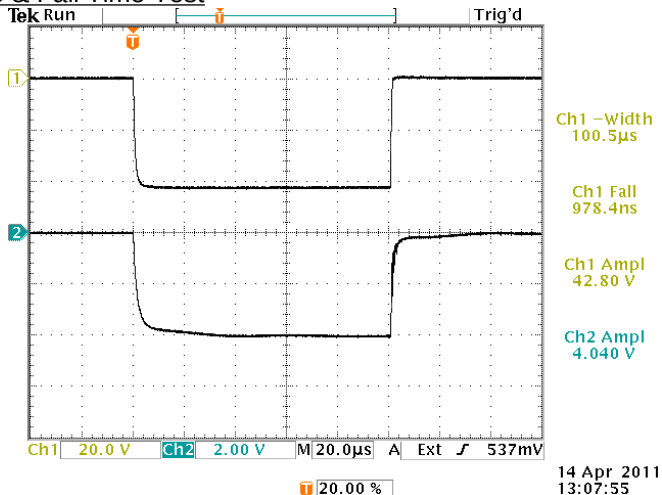
BOX 5120, LCD MERIVALE  
OTTAWA, ONTARIO  
CANADA K2C 3H4

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

PERFORMANCE CHECKSHEET

Model: AVO-8C3-B-N-AK9-AC02  
Type: High-Current Pulsed-Voltage Laser Diode Driver  
S.N.: 12615  
Date: April 14, 2011

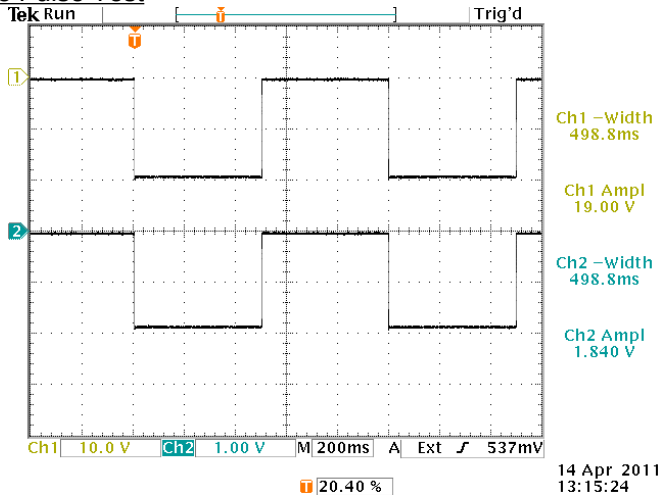
Rise & Fall Time Test



Top: 10 Hz, 100 us, 200A into 0.216Ω. 20 V/div, 20 us/div.  
Bottom: Monitor output. 2 V/div, 20 us/div.  
Load: Avtech AV-HTL-OR2 high power load.  
Power supply: Xantrex XHR 60-18.

- a) Output Signal Amplitude: 0 to -40V,  
0 to -200 Amps.
- b) Pulse Width (FWHM) : 2 us - 1 s
- c) Rise Time (20%-80%): < 1.5 us
- d) Fall Time (80%-20%): < 1.5 us
- e) PRF: 1 Hz - 1 kHz
- f) Jitter, Stability: OK
- g) Prime Power: 100-240V AC, 50-60 Hz.

Wide Pulse Test



Top: 1 Hz, 500 ms, 19V into 0.216Ω. 10 V/div, 200 ms/div.  
Bottom: Monitor output. 1 V/div, 200 ms/div.  
Load: Avtech AV-HTL-OR2 high power load.  
Power supply: Xantrex XFR 20-130.

References levels: 10%, 90%.