



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)

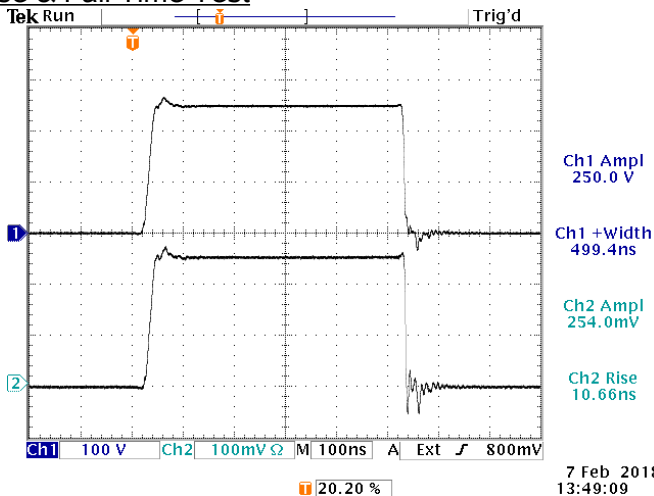
BOX 5120, LCD MERIVALE  
OTTAWA, ONTARIO  
CANADA K2C 3H5

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

PERFORMANCE CHECKSHEET

Model: AVO-6HF-B-P-M  
Type: High-Speed High-Power Laser Diode Generator  
S.N.: 13685  
Date: February 7, 2018

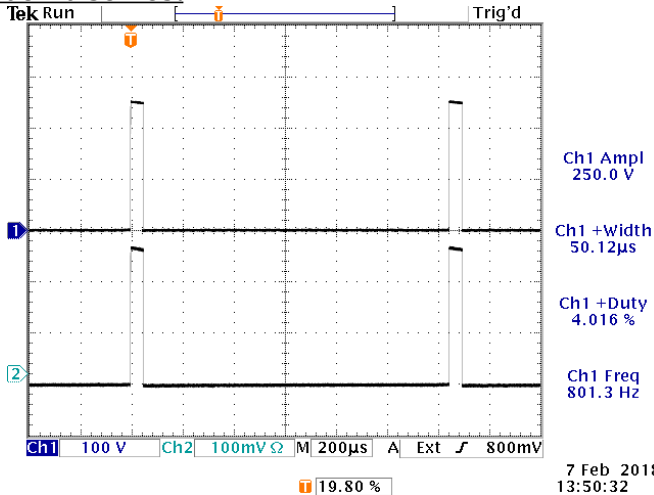
Rise & Fall Time Test



Top: +250V into the output module, 100 Hz, 100 V/div.  
Bot: Resulting +5A through a Pearson 2878 current transformer on the output module, into 50Ω. 2 A/div.

- a) Output Signal Amplitude: up to +5A
- b) Pulse Width (FWHM): 50 ns - 50 us, 4% duty cycle
- c) Rise Time (20%-80%): < 12 ns
- d) Fall Time (20%-80%): < 12 ns
- e) PRF: 1 Hz - 100 kHz
- f) Jitter, Stability: OK
- g) Prime Power: 100-240V AC, 50-60 Hz.

Wide Pulse Test



Top: +250V into the output module, 800 Hz, 100 V/div.  
Bot: Resulting +5A through a Pearson 2878 current transformer on the output module, into 50Ω. 2 A/div.

References levels: 20%, 80%.