



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-6HF-B-AC03-EA-P  
Type: High-Speed High-Power Laser Diode Generator  
S.N.: 12735  
Date: October 26, 2011

Rise & Fall Time Test

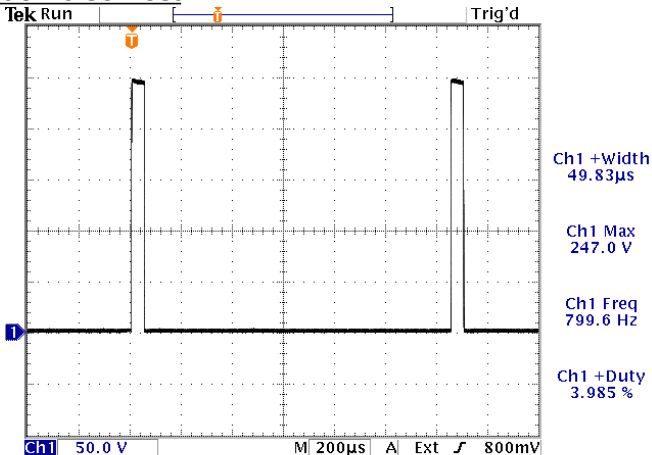


Ch1 Ampl  
250.0 V  
Ch1 Rise  
7.647ns  
Ch1 Fall  
4.829ns  
Ch2 Rise  
8.593ns

- 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.

Top: +250V into the output module, 100 Hz, 100 V/div.  
Bot: Resulting +5A through a Tektronix CT-2 current probe on the output of the output module. 2 A/div.

Wide Pulse Test



Ch1 +Width  
49.83µs  
Ch1 Max  
247.0 V  
Ch1 Freq  
799.6 Hz  
Ch1 +Duty  
3.985 %

800 Hz, 50 us, +250V into the output module, with a zero Ohm DUT installed. 50V/div, 200 us/div.

References levels: 20%, 80%.