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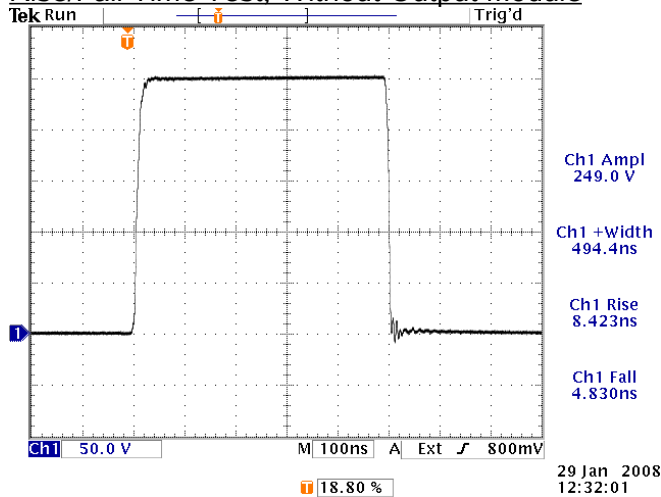
BOX 5120, LCD MERIVALE  
OTTAWA, ONTARIO  
CANADA K2C 3H4

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

PERFORMANCE CHECKSHEET

Model: AVO-6HF-B-M-R5-PN  
Type: High-Speed High-Power Laser Diode Generator  
S.N.: 11897  
Date: January 29, 2008

Rise/Fall Time Test, Without Output Module

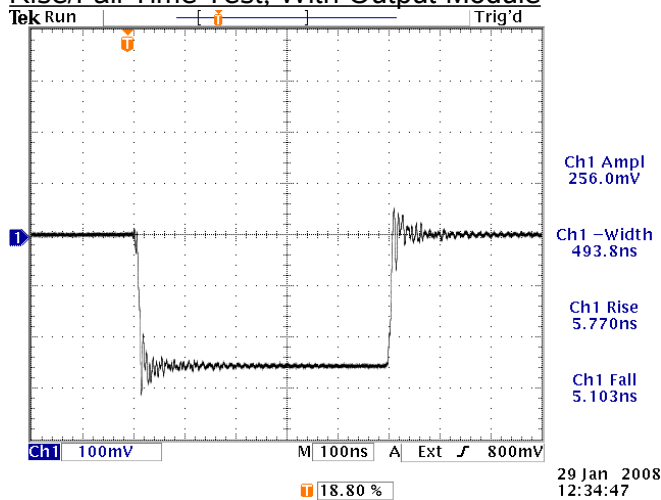


OUT, +250V, 500 ns, into a low-power 50Ω load.  
50 V/div, 100 ns/div.

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

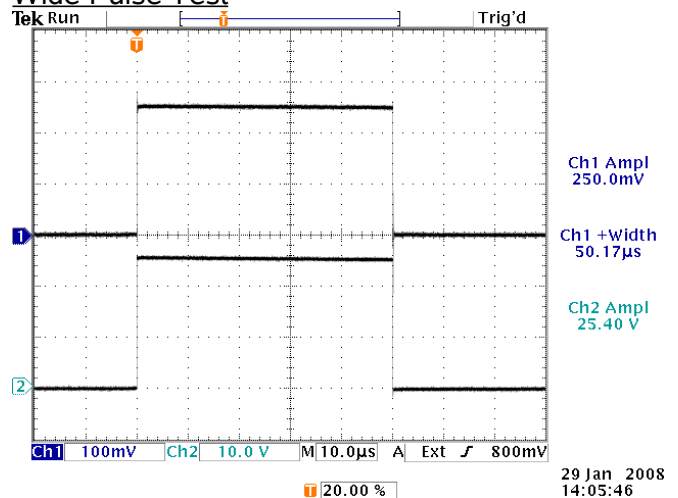
Reference levels: 20%, 80%.

Rise/Fall Time Test, With Output Module



OUT, -250V, 500 ns, into the supplied output module. Attached load = 0Ω. Current measured with a Pearson 2878 current transformer. 2 A/div, 100 ns/div.

Wide Pulse Test



Top: OUT, +250V, 50 us, into the supplied output module. Attached load = 0Ω, with a Pearson 2878 current transformer. 50 V/div, 2 A/div.  
Bottom: rear-panel "M" output into 50 Ohms.