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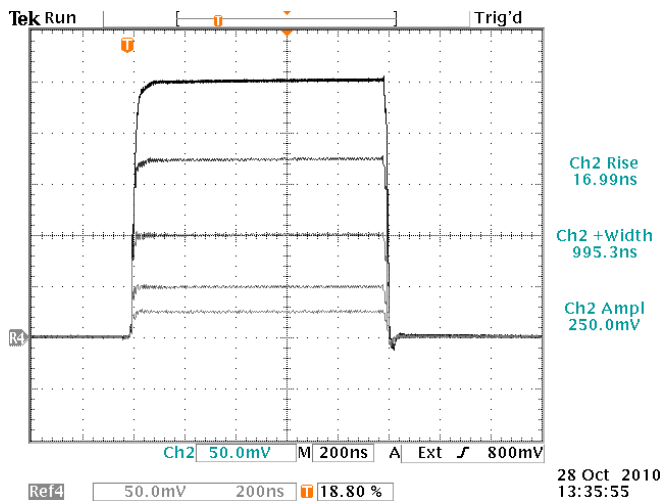
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BOX 5120, LCD MERIVALE  
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PERFORMANCE CHECKSHEET

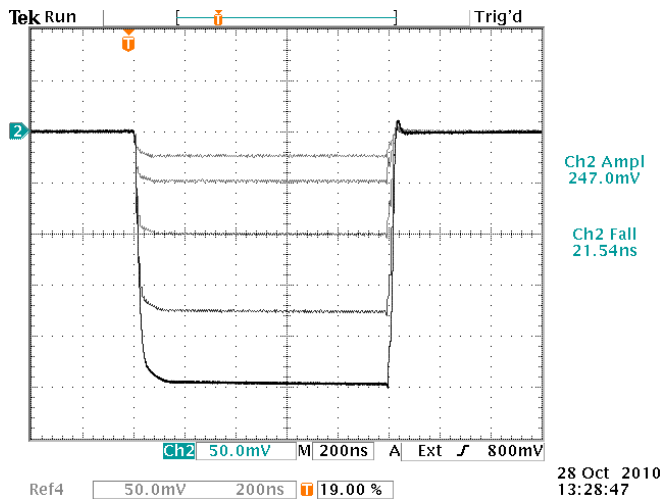
Model: AVO-6HF-B-PN-UWA  
Type: High-Speed High-Power Laser Diode Driver  
S.N.: 12518  
Date: October 28, 2010



- a) Output Signal Amplitude: 0 to  $\pm 5A$
- b) Pulse Width (FWHM): 50 ns – 50 us
- c) Rise Time (20%-80%): < 25 ns
- d) Fall Time (80%-20%): < 25 ns
- e) PRF: 1 Hz - 100 kHz
- f) Jitter, Stability: OK
- g) Prime Power: 100-240V AC, 50-60 Hz.

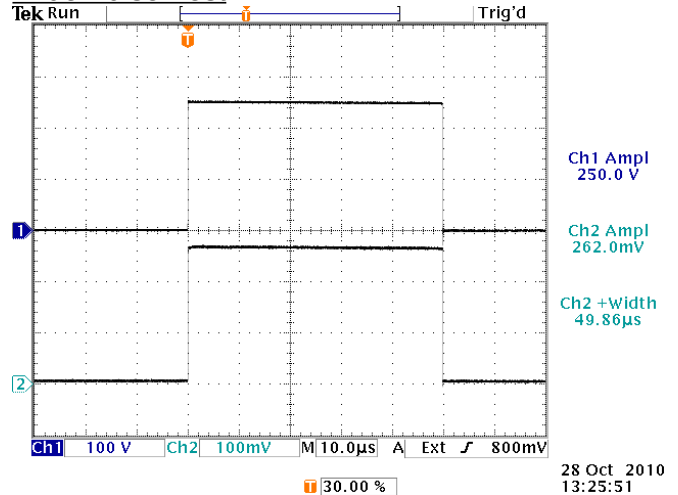
+25V, +50V, +100V, +175V, +250V, into the supplied output module. Attached load =  $0\Omega$ . Current measured with a Pearson 2878 current transformer. 1 A/div, 200 ns/div.

Reference levels: 20%, 80%.



-25V, -50V, -100V, -175V, -250V, into the supplied output module. Attached load =  $0\Omega$ . Current measured with a Pearson 2878 current transformer. 1 A/div, 200 ns/div.

Wide Pulse Test



Top: OUT, +250V, 50 us, into the supplied output module. Attached load =  $0\Omega$ , with a Pearson 2878 current transformer. 100 V/div, 10 us/div.  
Bottom: 2878 output, 2A/div.