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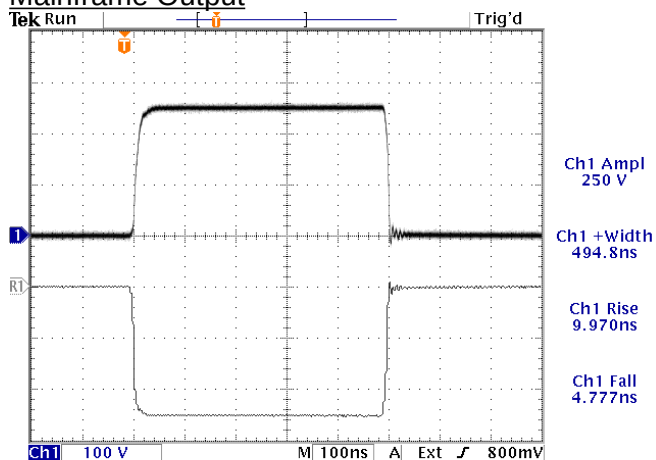
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PERFORMANCE CHECKSHEET

Model: AVO-6D-B-CLZ-TNT-BR-EA-OS-PN-M
Type: Pulsed Laser Diode Driver
S.N.: 11817
Date: September 5, 2007

Mainframe Output

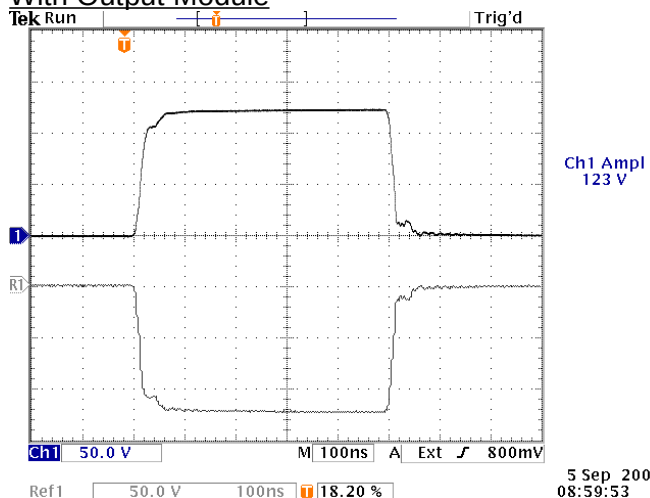


- a) Output Signal Amplitude: 0 to $\pm 10A$
- b) Pulse Width (FWHM): 50 ns – 5 μs
- c) Rise Time (20%-80%): < 15 ns
- d) Fall Time (80%-20%): < 15 ns
- e) PRF: 1 Hz - 10 kHz
- f) Jitter, Stability: OK
- g) Prime Power: 100-240V AC, 50-60 Hz.

5 Sep 2007 08:57:40
Ref1 100 V 100ns 18.20 %
Top: +250V, 500 ns, into 50 Ω (no output module).
Bottom: -250V, 500 ns, into 50 Ω .
1 kHz. 100 V/div, 100 ns/div.

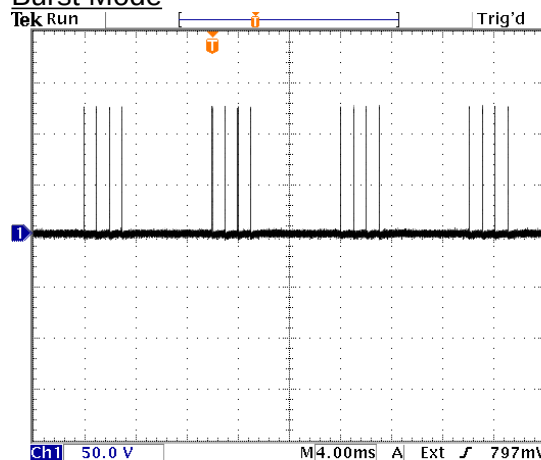
20%-80% reference levels.

With Output Module



5 Sep 2007 08:59:53
Ref1 50.0 V 100ns 18.20 %
Same settings as above, but with the output module connected and driving a 12 Ω load (120V / 12 Ω \approx 10A).

Burst Mode



5 Sep 2007 10:41:22
Ref1 50.0 V 4.00ms 35.00 %
N=4, spacing = 995 μs , 100 Hz, +10A into a 12 Ohm load.