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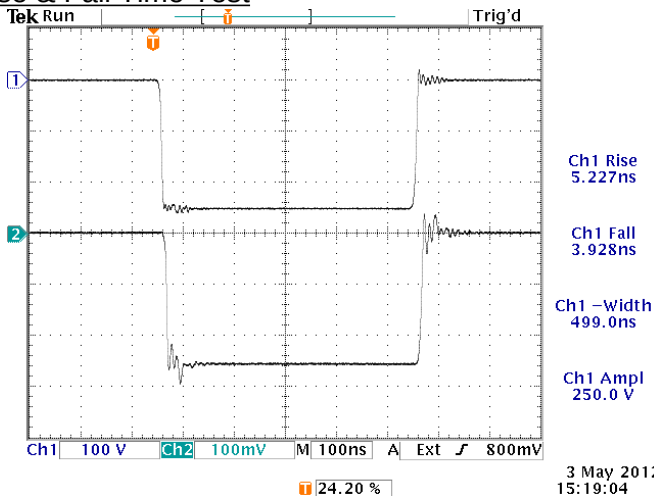
BOX 5120, LCD MERIVALE
OTTAWA, ONTARIO
CANADA K2C 3H5

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PERFORMANCE CHECKSHEET

Model: AVO-6HF-B-N-AC22
Type: High-Speed High-Power Laser Diode Generator
S.N.: 13416
Date: March 22, 2016

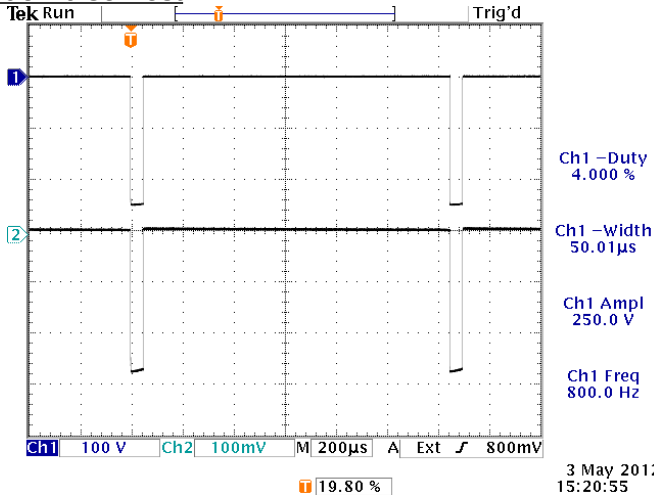
Rise & Fall Time Test



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%.