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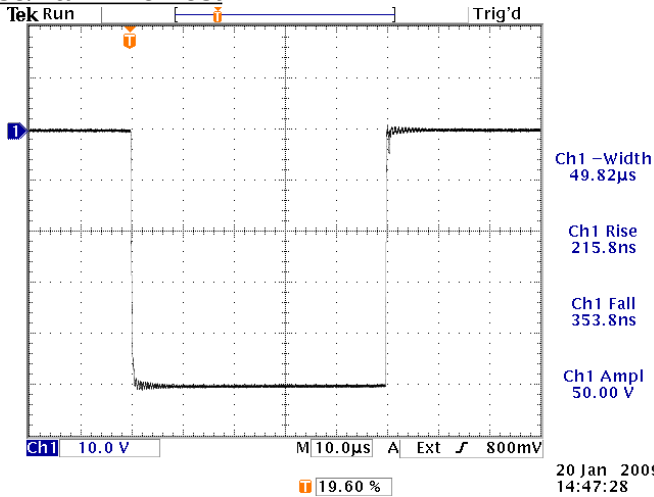
BOX 5120, LCD MERIVALE
OTTAWA, ONTARIO
CANADA K2C 3H4

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PERFORMANCE CHECKSHEET

Model: AVO-8A1-B-N-JDSB
Type: High-Current Pulsed-Voltage Laser Diode Driver
S.N.: 12140
Date: January 20, 2009

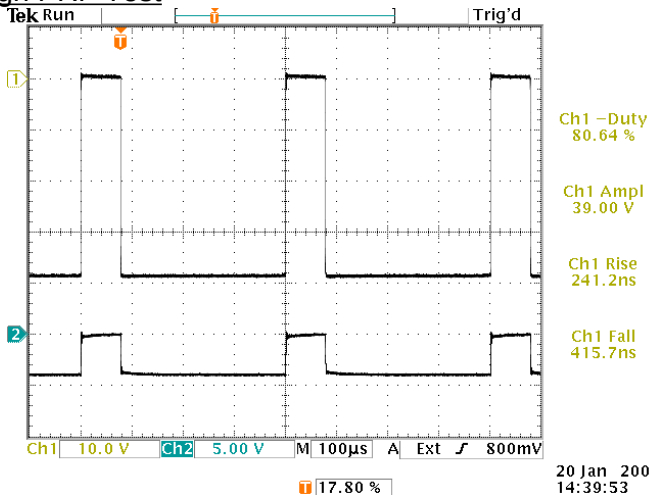
Rise/Fall Time Test



-50V / -50A, 50 us, 10 Hz, into a 1Ω load installed on the end of the supplied AV-CLZ1-100 cable.

- a) Output Signal Amplitude: 0 to -50V, -50A
- b) Pulse Width (FWHM): 2 us - 1 sec
- c) Rise Time (20%-80%): < 500 ns
- d) Fall Time (80%-20%): < 500 ns
- e) PRF: 1 Hz - 2.5 kHz
- f) Jitter, Stability: OK
- g) Prime Power: 100-240V AC, 50-60 Hz.

High PRF Test



-39V / -39A, 2.5 kHz, 80% duty cycle, into the supplied AV-HTL-1R0 test load. (The voltage was limited to -39V by the DC power supply used, rather than the pulser.)

References levels: 10%, 90%.