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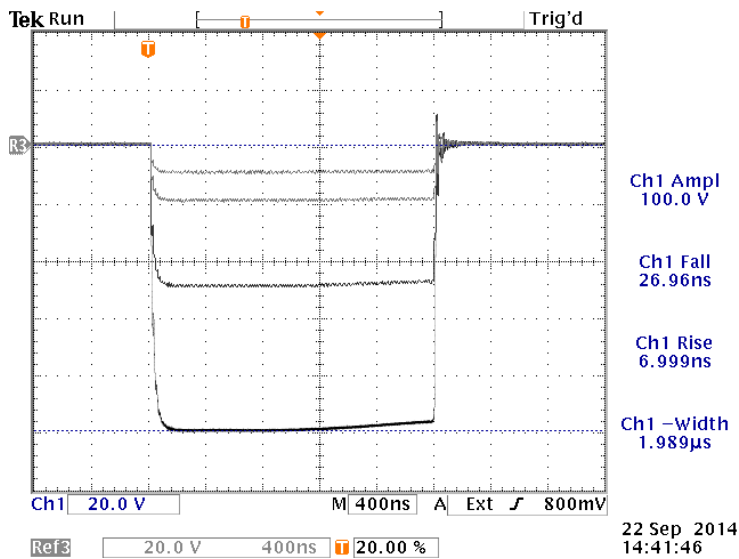
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BOX 5120, LCD MERIVALE  
OTTAWA, ONTARIO  
CANADA K2C 3H5

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PERFORMANCE CHECKSHEET

Model: AVOZ-A3-B-N  
Type: High-Speed, High-Current Pulsed-Voltage Laser Diode Driver  
S.N.: 13045 (modified)  
Date: September 22, 2014



- a) Output Signal Amplitude: up to -100 V to  $\geq 1.0$  Ohms (i.e., 0 to -100 Amps)
- b) Pulse Width: 50 ns - 2  $\mu$ s (maximum duty cycle 0.1%)
- c) Rise Time:  $\leq 30$  ns (20-80%)
- d) Fall Time:  $\leq 30$  ns (80-20%)
- e) PRF: 0 - 20 kHz (maximum duty cycle 0.1%)
- f) Jitter, Stability: OK
- g) Prime Power: 100-240V AC, 50-60 Hz.

-10, -20, -50, and -100V at 500 Hz, 2  $\mu$ s, into an AV-CLZ1-60 cable and an AV-CTL1-ENC test load.

20 V/div, 400 ns/div.

References levels: 20%, 80%.