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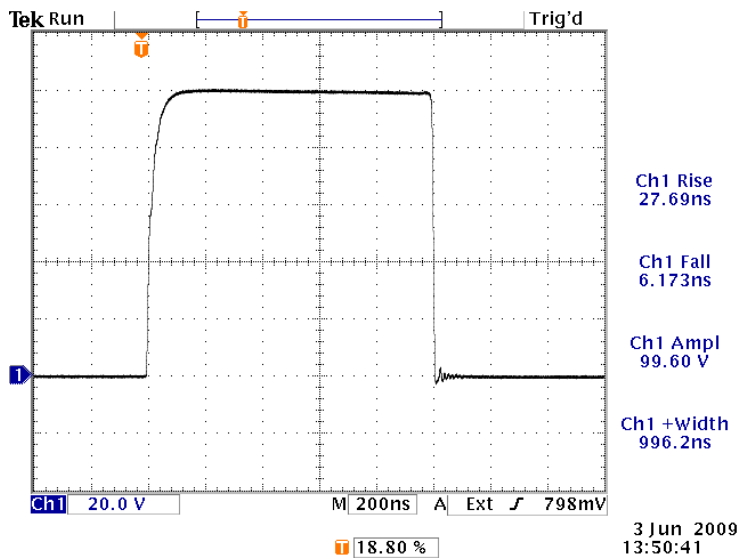
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PERFORMANCE CHECKSHEET

Model: AVOZ-A3-B-PN
Type: High-Speed, High-Current Pulsed-Voltage Laser Diode Driver
S.N.: 12263
Date: June 3, 2009



a) Output Signal Amplitude: 0 to ±100 V to ≥ 1.0 Ohms (i.e., 0 to ±100 Amps)

b) Pulse Width: 50 ns - 2 us (maximum duty cycle 0.1%)

c) Rise Time: ≤ 30 ns (20-80%)

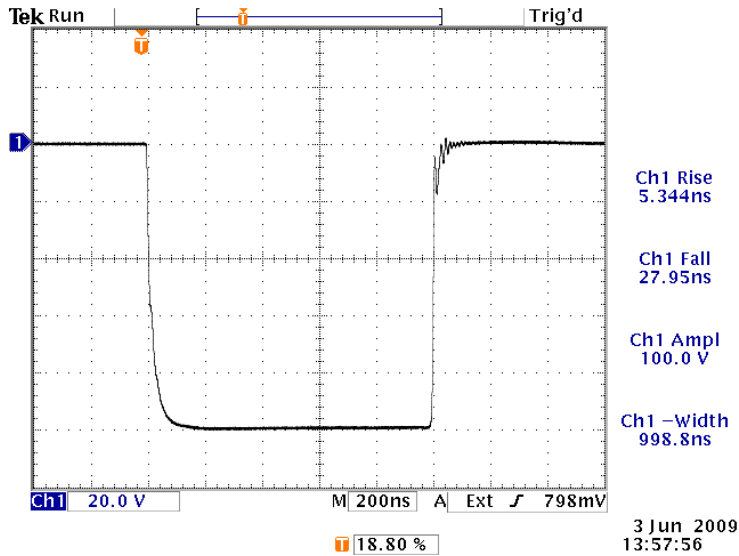
d) Fall Time: ≤ 30 ns (80-20%)

e) PRF: 0 - 20 kHz (maximum duty cycle 0.1%)

f) Jitter, Stability: OK

g) Prime Power: 100-240V AC, 50-60 Hz.

100 Hz, 1 us, +100V into the AV-CLZ1-60 and the AV-CTL1-ENC test load. 20 V/div, 200 ns/div.



100 Hz, 1 us, -100V into the AV-CLZ1-60 and the AV-CTL1-ENC test load. 20 V/div, 200 ns/div.

References levels: 20%, 80%.