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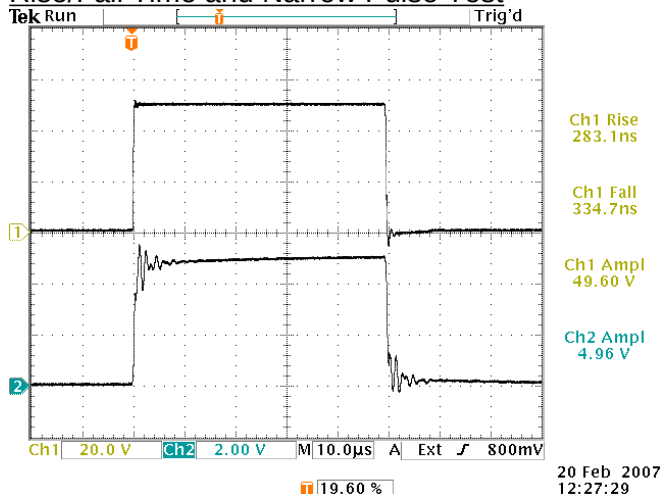
BOX 5120, LCD MERIVALE  
OTTAWA, ONTARIO  
CANADA K2C 3H4

info@avtechpulse.com - http://www.avtechpulse.com/

PERFORMANCE CHECKSHEET

Model: AVO-8A1-B-P-AK4-AK6  
Type: High-Current Pulsed-Voltage Laser Diode Driver  
S.N.: 11674  
Date: February 20, 2007

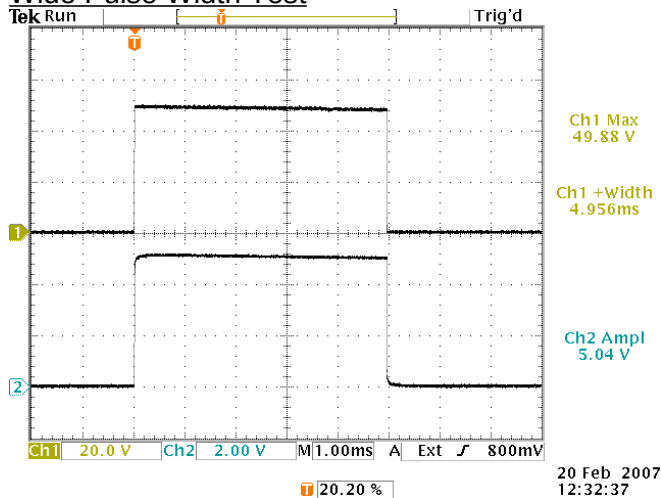
Rise/Fall Time and Narrow Pulse Test



- a) Output Signal Amplitude: 0 to +50V, to 1Ω
- b) Pulse Width (FWHM): 2 us – 1 s
- c) Rise Time (20%-80%): < 0.5 us
- d) Fall Time (80%-20%): < 0.5 us
- e) PRF: 1 Hz – 1 kHz
- f) Jitter, Stability: OK
- g) Prime Power: 100-240V AC, 50-60 Hz.

Top: OUT, 50V / 50A, 50 us, into a 0.99Ω load installed on the end of an AV-CLZ1-60 cable.  
Bottom: Monitor output, to an open circuit.

Wide Pulse Width Test



Top: OUT, 50V / 50A, 5 ms, into a 0.99Ω load installed on the end of an AV-CLZ1-60 cable.  
Bottom: Monitor output, to an open circuit.

10%-90% reference levels.