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

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PERFORMANCE CHECKSHEET

Model: AVO-2A-B-CLZ-EA-OS-M-P  
Type: High Speed Laser Diode Driver  
S.N.: 12181  
Date: March 10, 2009

Output Amplitude: 0 to +5A, to 12.5Ω  
Pulse Width (FWHM): 4 – 50 ns  
Rise Time (20%-80%): ≤ 2.5 ns  
Fall Time (80%-20%): ≤ 3.5 ns  
PRF: 1 Hz - 20 kHz  
Jitter, Stability: OK  
Prime Power: 100-240V AC, 50-60 Hz.

Basic specifications: →

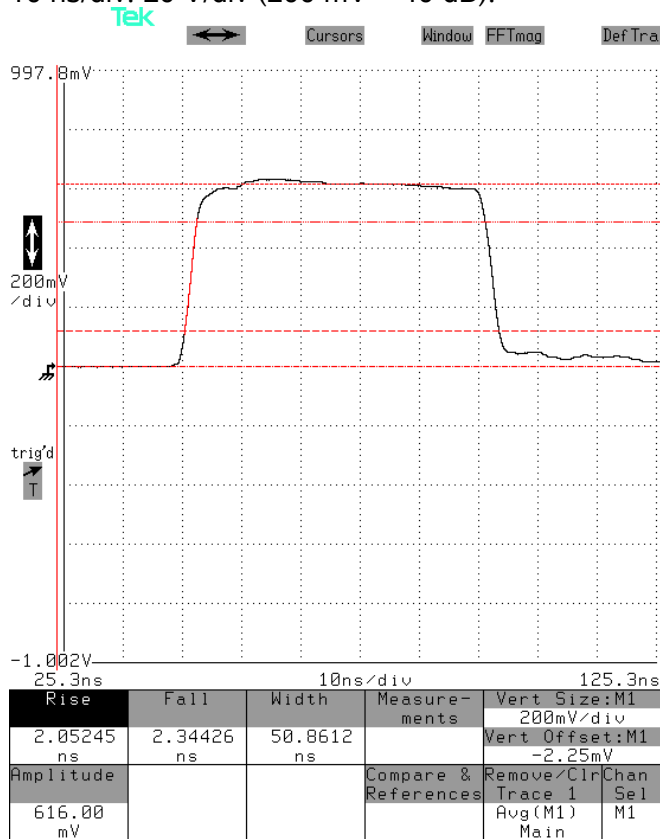
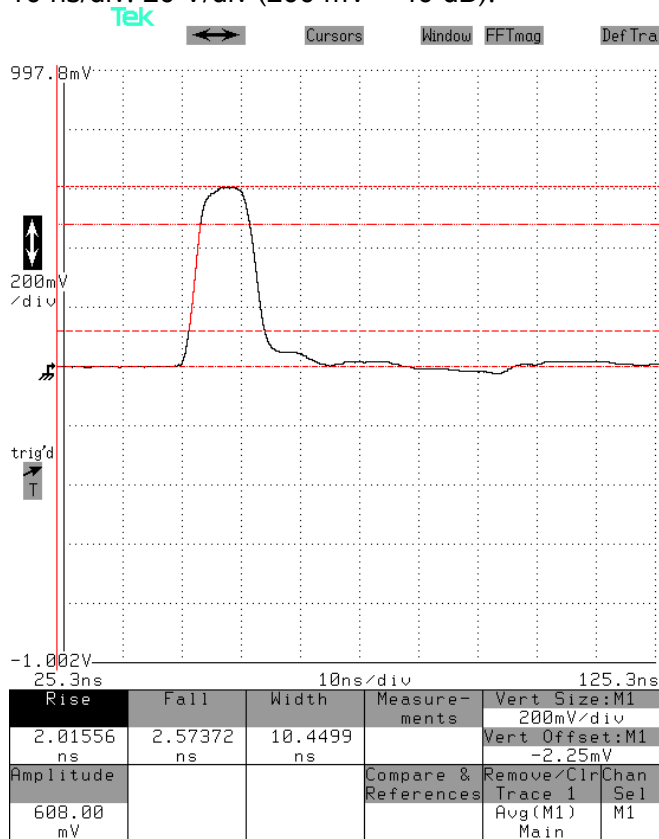
Test Waveforms

10 kHz, 10 ns, +62V into 12.4 Ohms,

10 kHz, 50 ns, +62V into 12.4 Ohms,

10 ns/div, 20 V/div (200 mV × 40 dB):

10 ns/div, 20 V/div (200 mV × 40 dB):



The 12.4 Ohm load consisted of two 33 Ohm resistors in parallel, in parallel with the 50 Ohm input impedance of the sampling oscilloscope.

The peak current is  $62V / 12.4\Omega = 5.0A$ .