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BOX 5120, LCD MERIVALE  
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PERFORMANCE CHECKSHEET

Model: AVO-9A-B-P1B-T1B-P-BAA  
Type: Ultra-High-Speed Laser Diode Driver  
S.N.: 12152  
Date: December 2, 2008

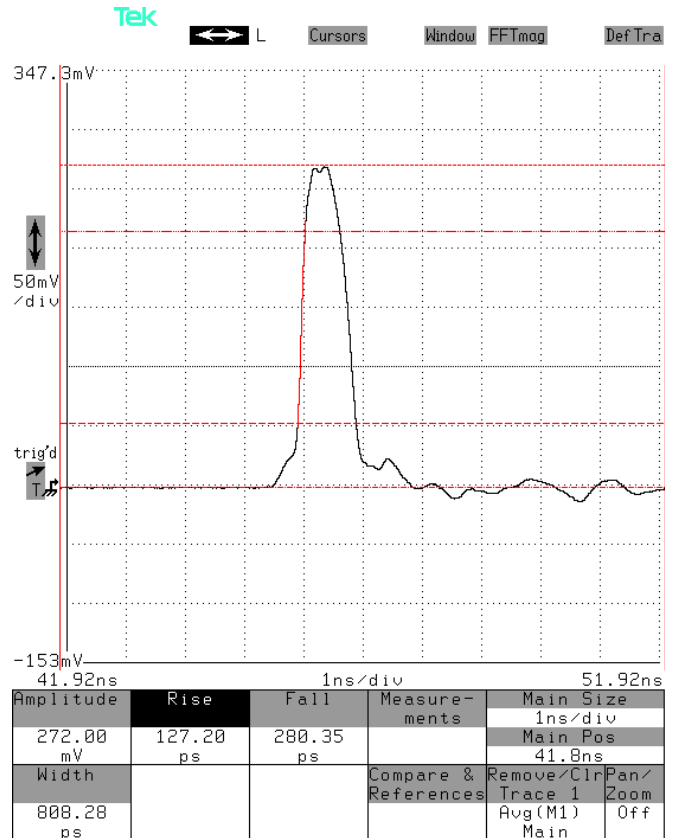
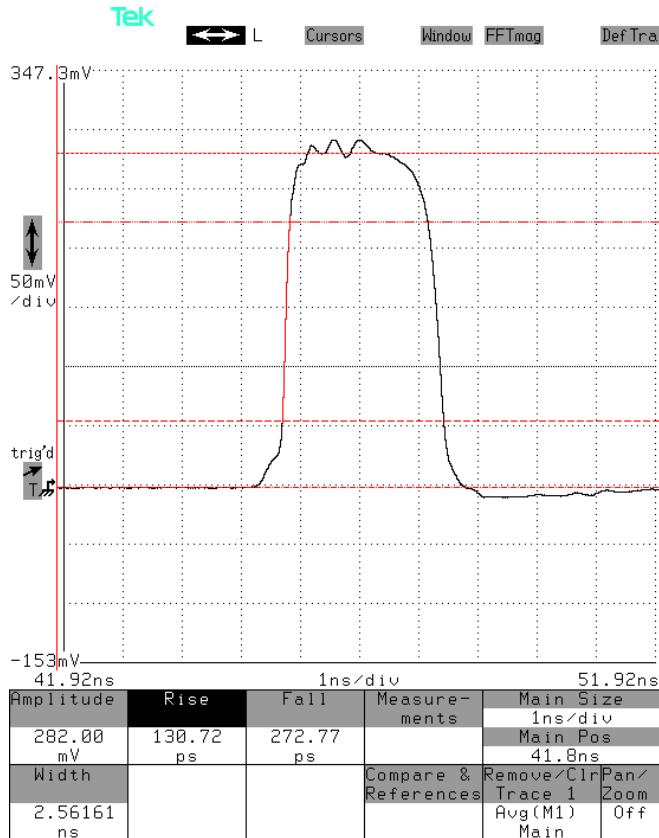
Output Amplitude: 0 to +28V, to 50Ω  
Pulse Width (FWHM): 0.8 – 2.5 ns  
Rise Time (20%-80%): ≤ 300 ps  
Fall Time (80%-20%): ≤ 300 ps  
PRF: 1 Hz - 50 kHz  
Jitter, Stability: OK  
Prime Power: 100-240V AC, 50-60 Hz.

Basic specifications: →

Test Waveforms

Pulse into 50 Ohm load at 50 kHz, 2.5 ns, +28V,  
1 ns/div. 5 V/div (50 mV × 40 dB):

Pulse into 50 Ohm load at 50 kHz, 0.8 ns, +28V,  
1 ns/div. 5 V/div (50 mV × 40 dB):



“MI” output of AVX-S1-P1B-T1B into 50 Ohms, for +28V, 50 kHz, 2.5 ns pulse width, with a 1N4148 test diode installed in the output sockets:

1 ns/div. 0.5 V/div (50 mV × 20 dB, ≈ 105 mA/div):

