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

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PERFORMANCE CHECKSHEET

Model: AVO-9H2-B-P-P1B-T1B-SPB
Type: Ultra-High-Speed Laser Diode Driver
S.N.: 12372 (upgraded)
Date: October 10, 2013

Output Amplitude: 0 to +103V, to 50Ω
Pulse Width (FWHM): 1 – 30 ns
Rise Time (20%-80%): ≤ 0.7 ns or 2 ns
Fall Time (80%-20%): ≤ 0.7 ns or 2 ns
PRF: 1 Hz - 500 kHz
Jitter, Stability: OK
Prime Power: 100-240V AC, 50-60 Hz.

Basic specifications: →

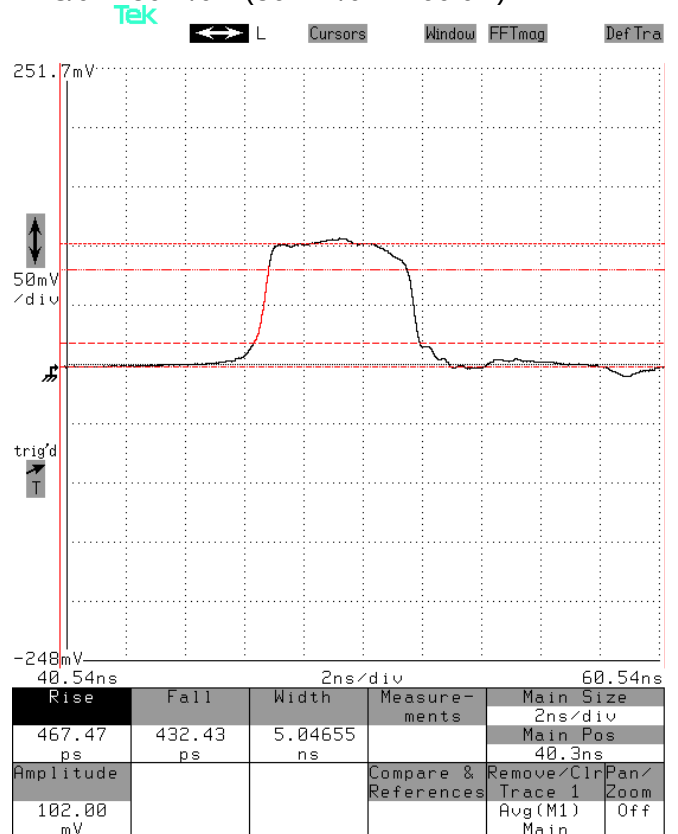
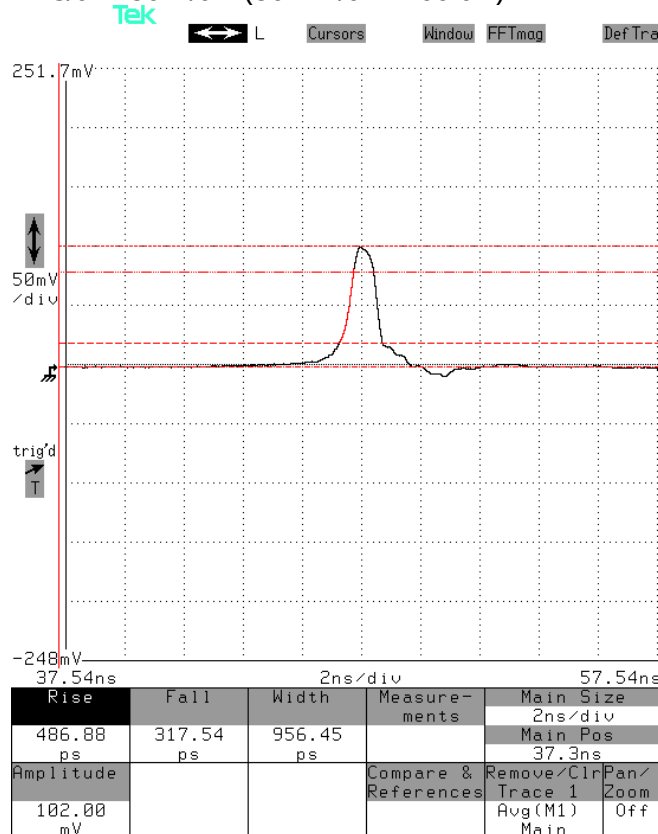
Test Waveforms

Mainframe output, +100V into 50 Ohms, 100 kHz,
1 ns pulse width:

Mainframe output, +100V into 50 Ohms, 100 kHz,
5 ns pulse width:

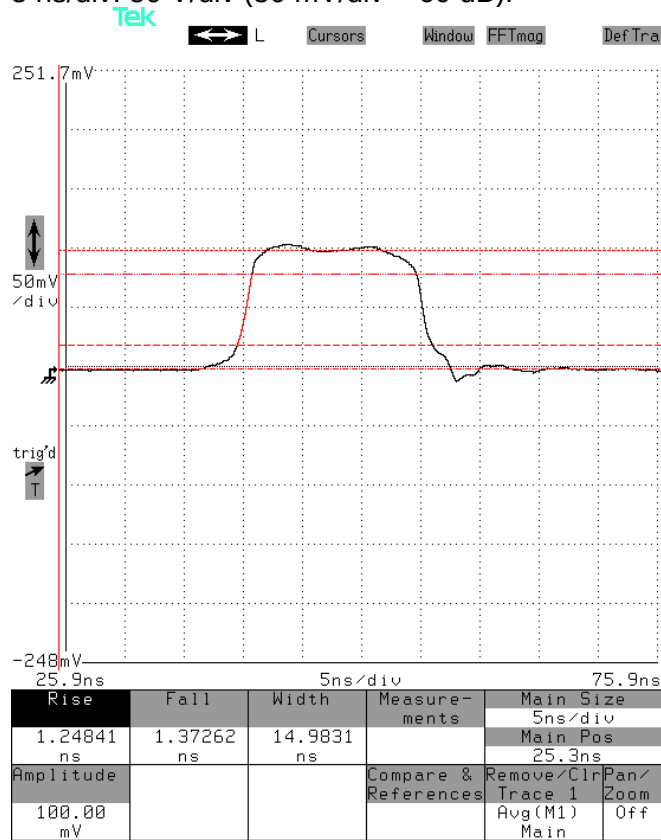
2 ns/div. 50 V/div (50 mV/div × 60 dB):

2 ns/div. 50 V/div (50 mV/div × 60 dB):



Mainframe output, +100V into 50 Ohms, 100 kHz, 15 ns pulse width:

5 ns/div. 50 V/div (50 mV/div × 60 dB):



Mainframe output, +100V into 50 Ohms, 100 kHz, 30 ns pulse width:

5 ns/div. 50 V/div (50 mV/div × 60 dB):

