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BOX 5120, LCD MERIVALE
OTTAWA, CANADA K2C3H5

PERFORMANCE CHECKSHEET

Model: AVO-9G-B-P-W1-P6
Type: Ultra-High-Speed Laser Diode Driver
S.N.: 14000
Date: July 16, 2020

Output Amplitude: up to +53V, to 50Ω
Pulse Width (FWHM): 1 – 200 ns
Rise Time (20%-80%): ≤ 0.5 ns
Fall Time (80%-20%): ≤ 1 ns
PRF: 1 Hz – 100 kHz
Jitter, Stability: OK
Prime Power: 100-240V AC, 50-60 Hz.

Basic specifications: →

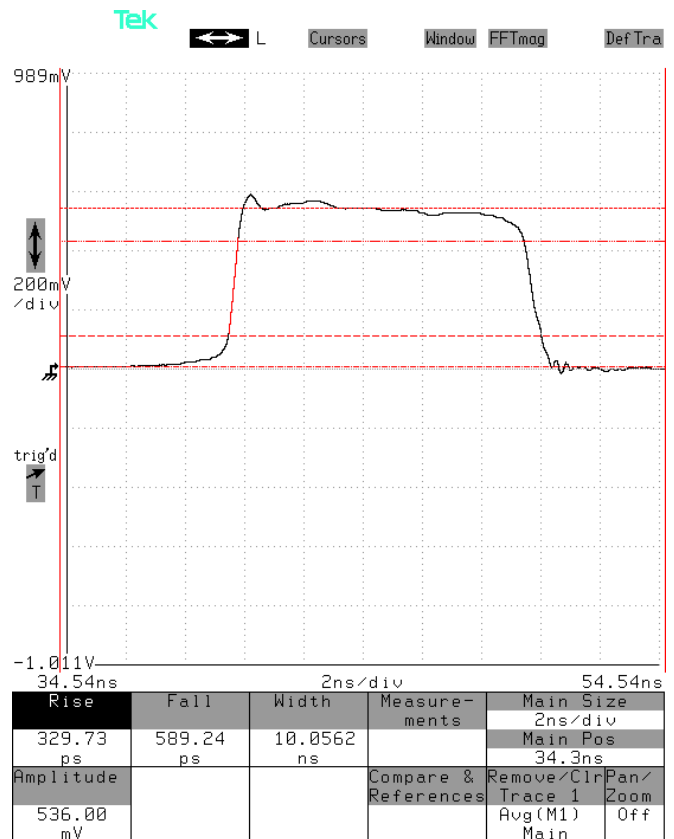
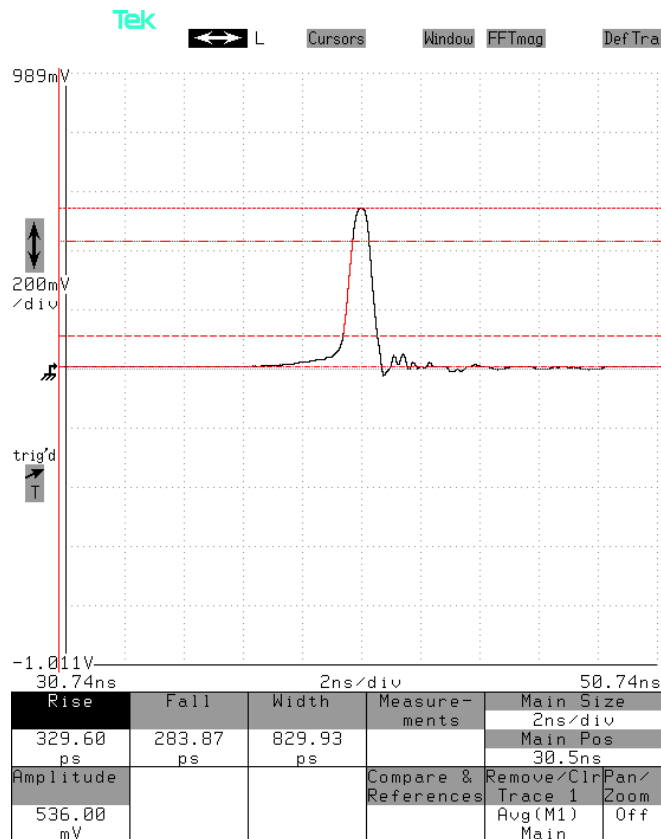
Test Waveforms

Mainframe output into 50 Ohm load at 100 kHz,
< 1 ns, > +53V,

Mainframe output into 50 Ohm load at 100 kHz,
10 ns, +53V,

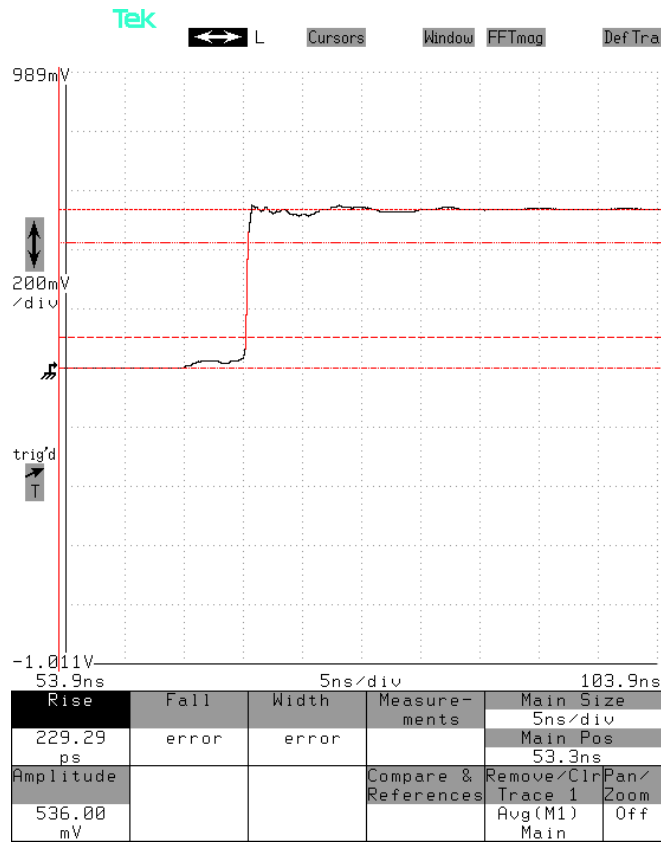
2 ns/div. 20 V/div (200 mV/div × 40 dB):

2 ns/div. 20 V/div (200 mV/div × 40 dB):



Mainframe output into 50 Ohm load at 100 kHz,
200 ns, +53V, leading edge,

5 ns/div. 20 V/div (200 mV/div × 40 dB):



Mainframe output into 50 Ohm load at 100 kHz,
200 ns, +53V, trailing edge,

5 ns/div. 20 V/div (200 mV/div × 40 dB):

