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BOX 5120, LCD MERIVALE
OTTAWA, CANADA K2C3H5

PERFORMANCE CHECKSHEET

Model: AV-1030-B
Type: Ultra-High-Speed Pulse Generator
S.N.: 14116
Date: March 29, 2021

Output Amplitude: up to $\pm 5V$, to 50 Ω
Pulse Width (FWHM): 10 ns – 1 ms
Rise Time (20%-80%): ≤ 300 ps
Fall Time (80%-20%): ≤ 350 ps
PRF: 1 Hz - 10 MHz
Jitter, Stability: OK
Prime Power: 100-240V AC, 50-60 Hz.

Basic specifications: \rightarrow

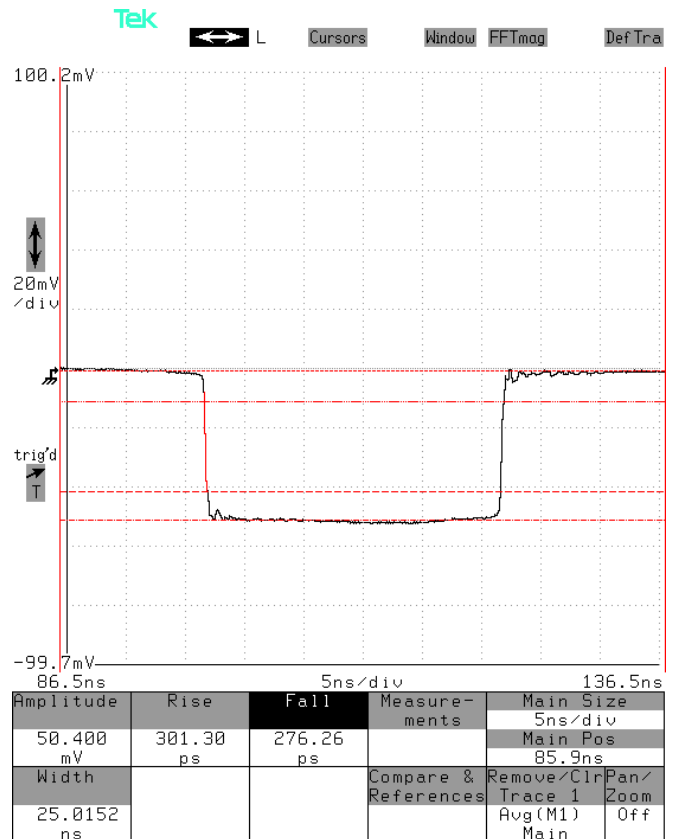
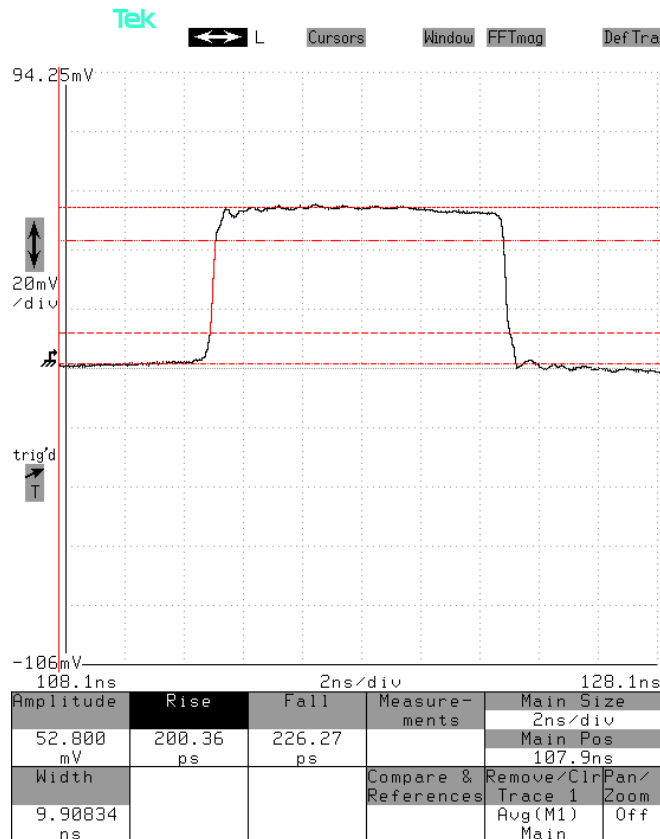
Test Waveforms

10 MHz, > +5V, < 10 ns PW:

1 MHz, > -5V, 25 ns PW:

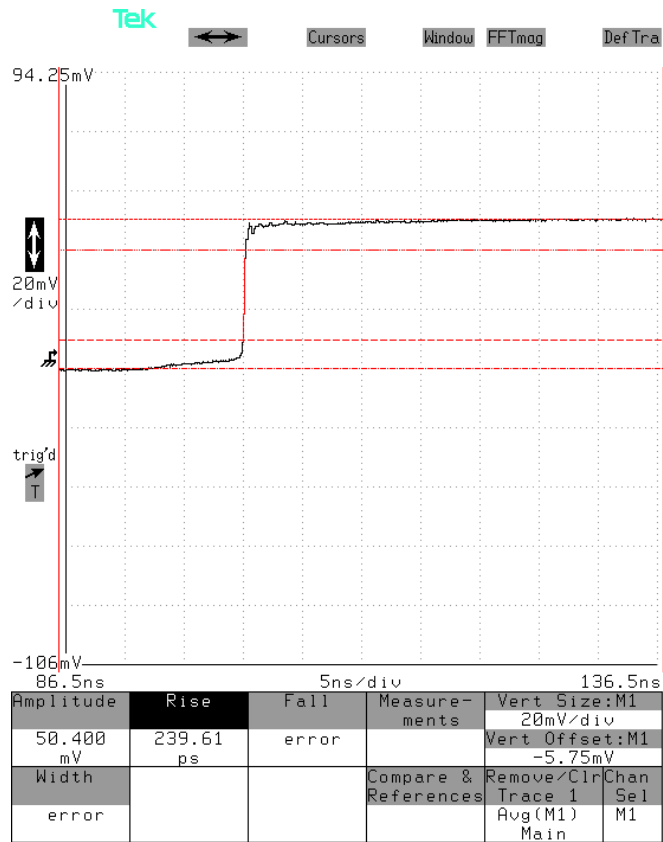
2 ns/div. 2 V/div (200 mV/div \times 20 dB):

5 ns/div. 2 V/div (200 mV/div \times 20 dB):



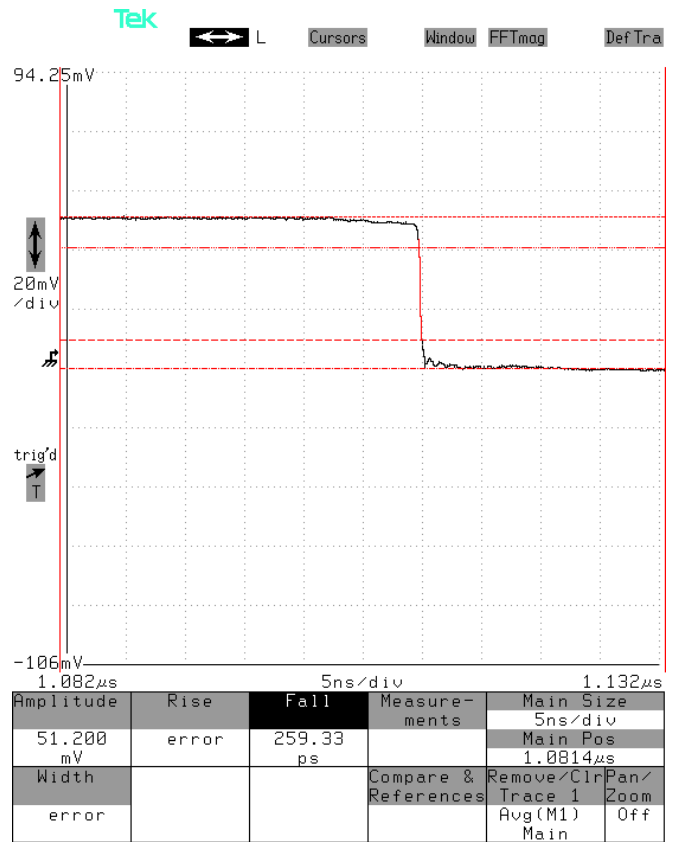
100 kHz, > +5V, 1 us PW, rising edge shown,

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



100 kHz, > +5V, 1 us PW, falling edge shown,

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



1 kHz, > -5V, 100 us PW,

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

