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BOX 5120, LCD MERIVALE
OTTAWA, CANADA K2C3H5

PERFORMANCE CHECKSHEET

Model: AVR-E2-B-W3-PN-AK1-AK8-OT
Type: Ultra-High-Speed Pulse Generator
S.N.: 14371
Date: September 28, 2023

Output Amplitude: up to ±50V, to 50Ω
Pulse Width (FWHM): 1 ns to 5 us
Rise Time (20%-80%): ≤ 0.5 ns
Fall Time (80%-20%): ≤ 1.5 ns
PRF: 1 Hz - 100 kHz
Jitter, Stability: OK
Prime Power: 100-240V AC, 50-60 Hz.

Basic specifications: →

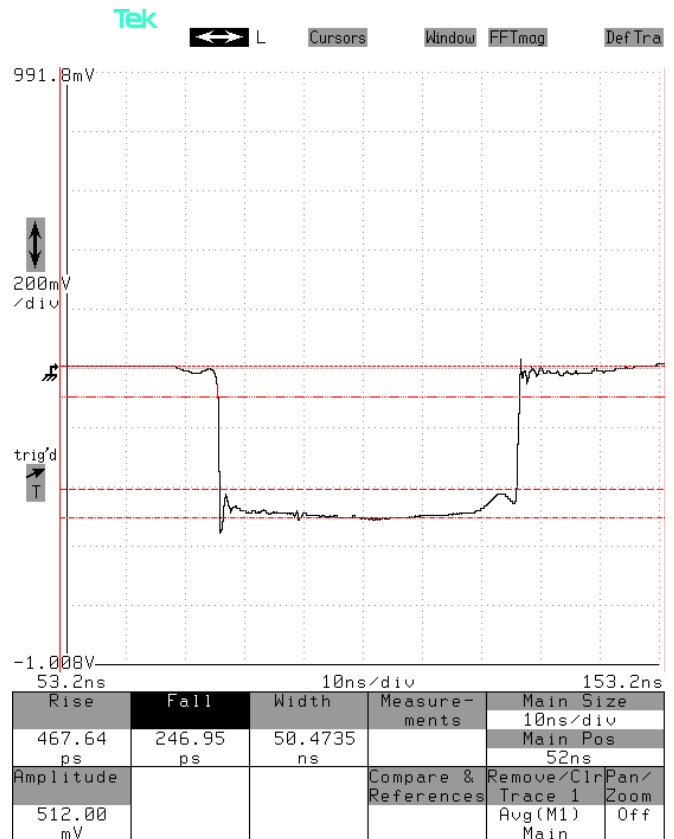
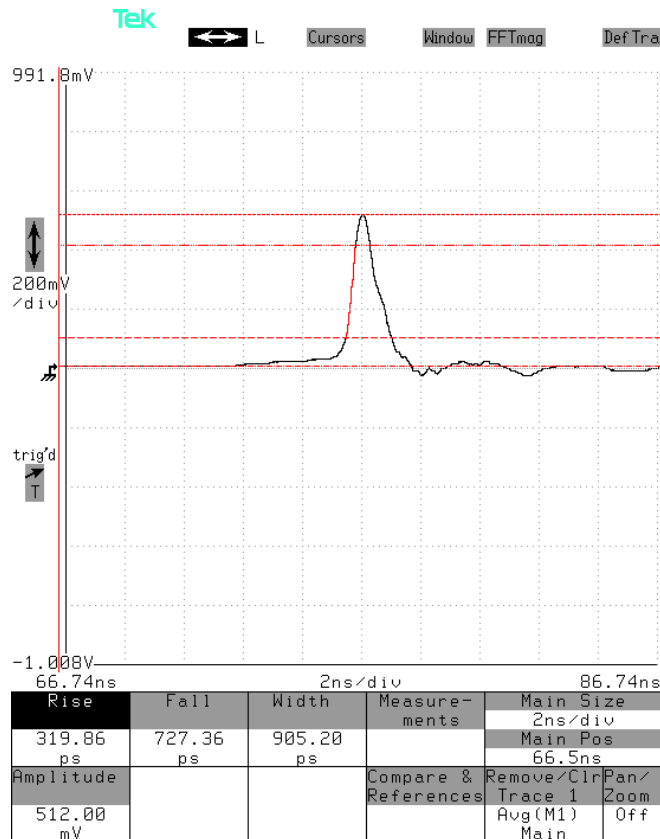
Test Waveforms

10 kHz, < 1 ns, > +50V,

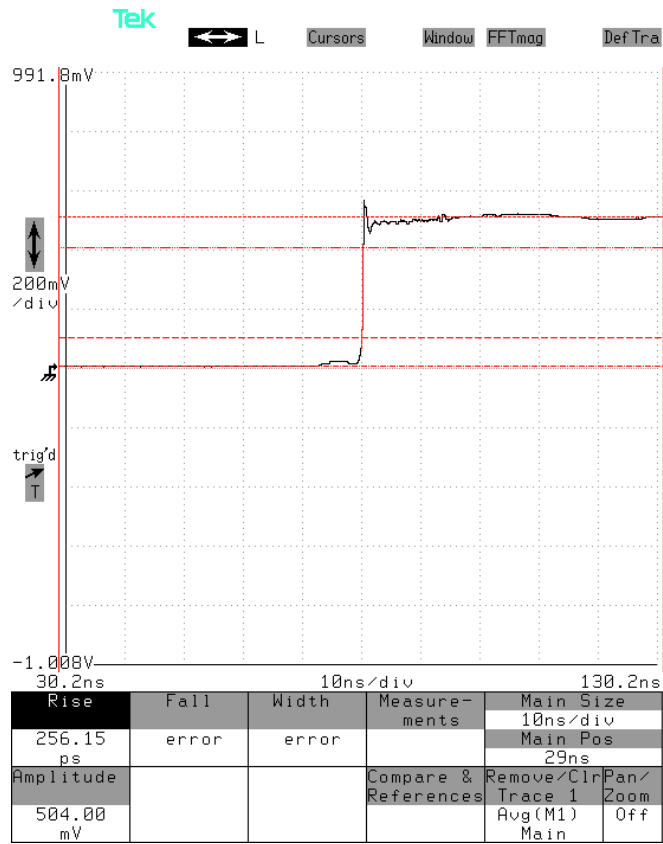
2 ns/div. 20 V/div (200 mV/div × 40 dB):

10 kHz, 50 ns, -50V,

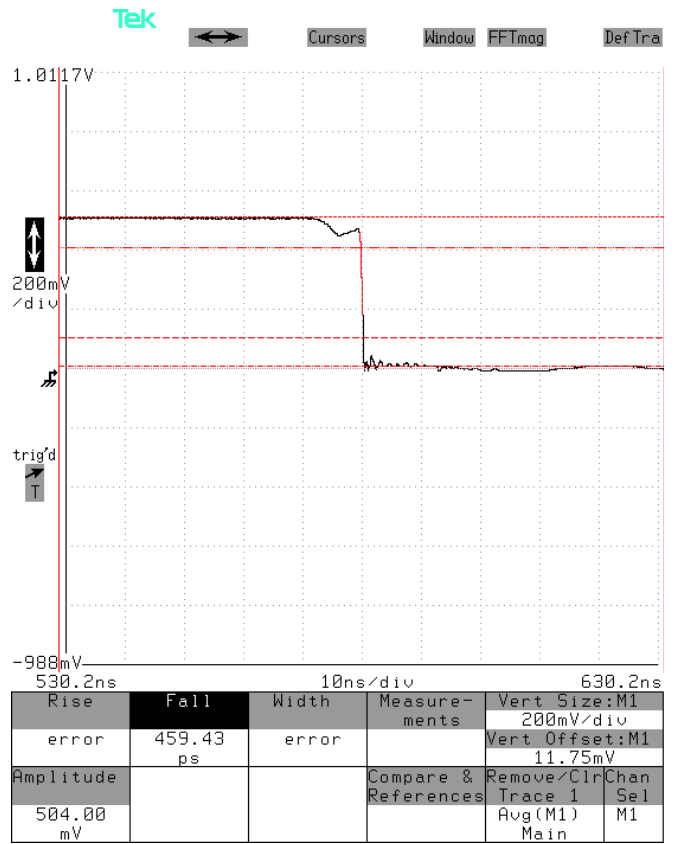
10 ns/div. 20 V/div (200 mV/div × 40 dB):



10 kHz, 500 ns, $\geq +50V$, leading edge,
 10 ns/div. 20 V/div (200 mV/div \times 40 dB):

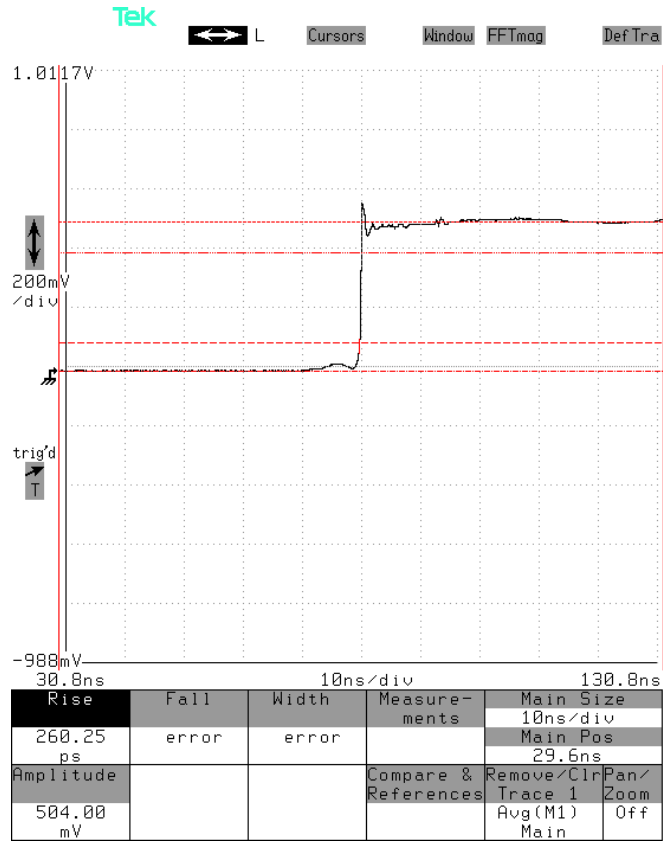


10 kHz, 100 ns, $\geq +50V$, trailing edge,
 10 ns/div. 20 V/div (200 mV/div \times 40 dB):



2 kHz, 5 us, +50V, leading edge,

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



2 kHz, 5 us, -50V, full pulse,

1 us/div. 20 V/div (200 mV/div × 40 dB):

