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BOX 5120, LCD MERIVALE
OTTAWA, CANADA K2C3H5

PERFORMANCE CHECKSHEET

Model: AVR-E3A-B-W3-PN-AC22
Type: Ultra-High-Speed Pulse Generator
S.N.: 14432
Date: May 27, 2024

Output Amplitude: up to ±100V, to 50Ω
Pulse Width (FWHM): 3 ns to 5 us
Rise Time (20%-80%): ≤ 1.5 ns
Fall Time (80%-20%): ≤ 2.5 ns
PRF: 1 Hz - 200 kHz
Jitter, Stability: OK
Prime Power: 100-240V AC, 50-60 Hz.

Basic specifications: →

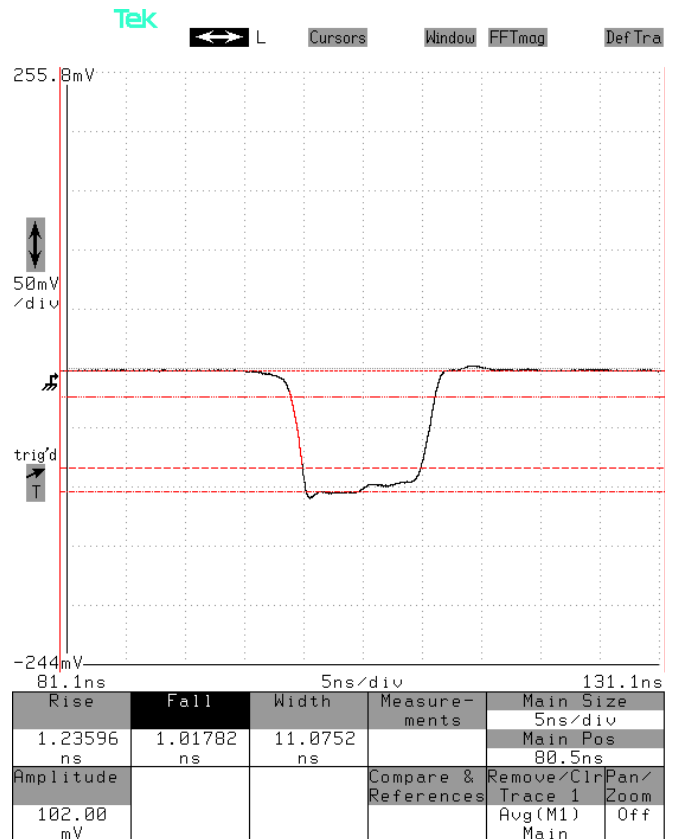
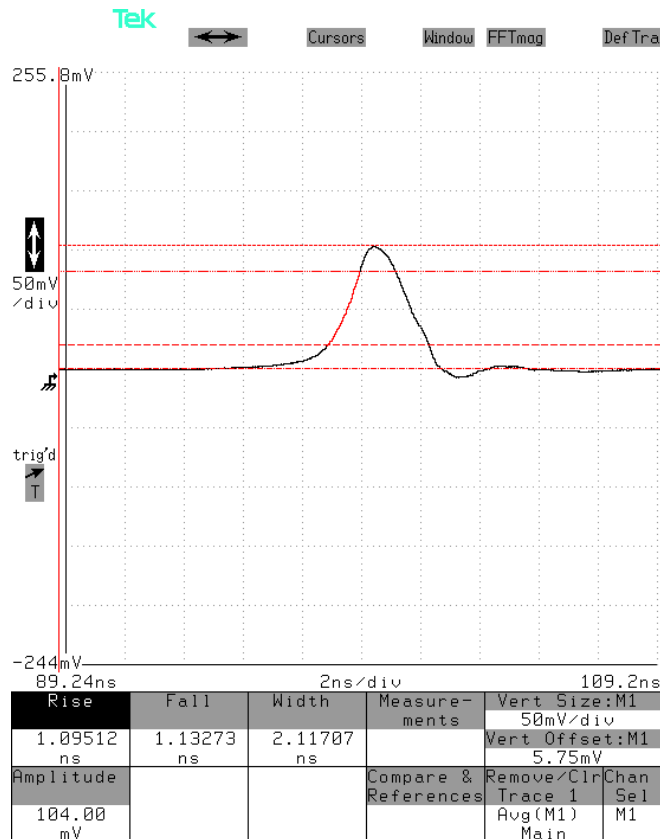
Test Waveforms

100 kHz, < 3 ns, > +100V,

10 kHz, 11 ns, > -100V,

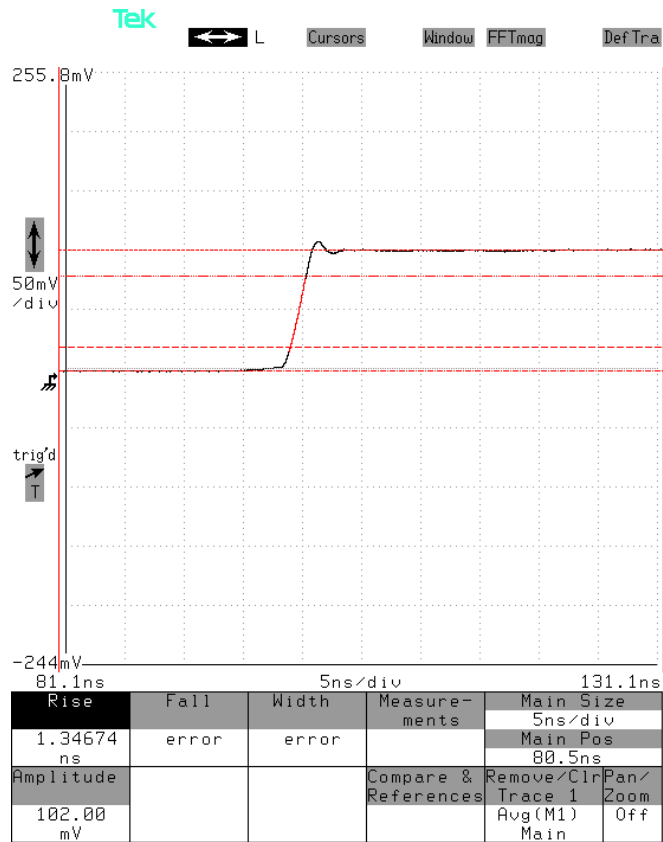
2 ns/div. 50 V/div (50 mV/div × 60 dB):

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



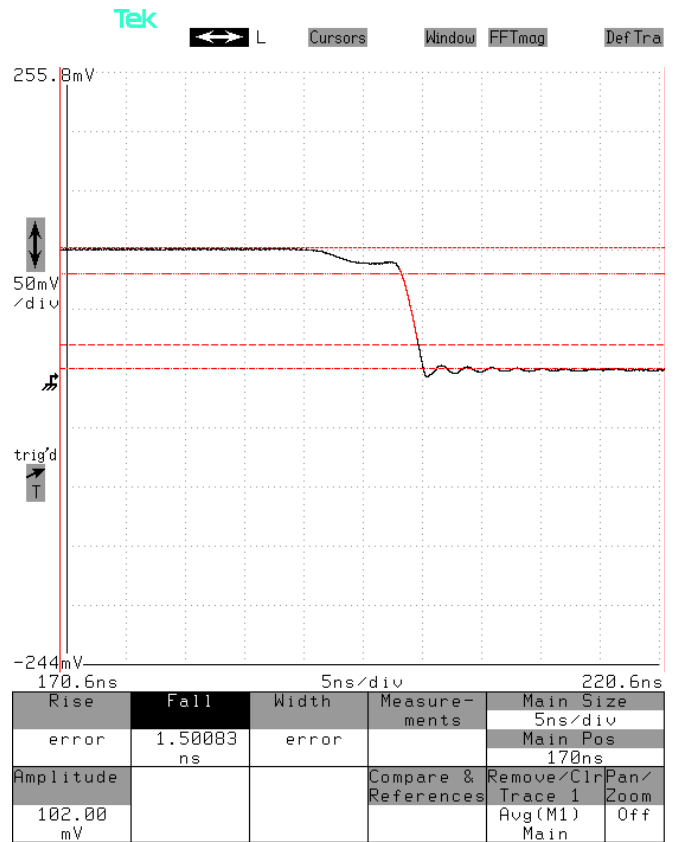
20 kHz, 100 ns, $\geq +100V$, leading edge,

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



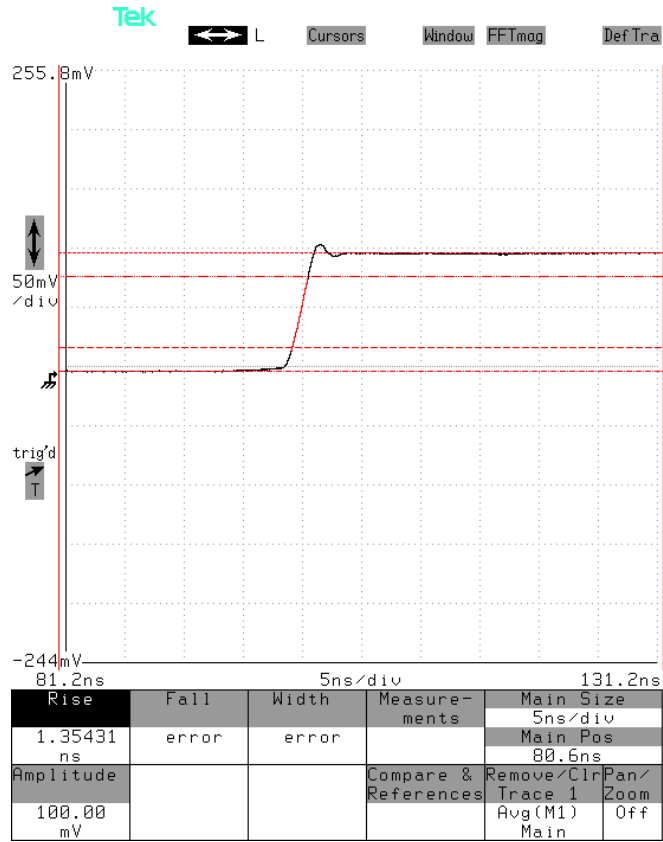
20 kHz, 100 ns, $\geq +100V$, trailing edge,

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



2 kHz, 5 us, +100V, leading edge,

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



2 kHz, 5 us, -100V, full pulse,

1 us/div. 50 V/div (50 mV/div × 60 dB):

