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BOX 5120, LCD MERIVALE
OTTAWA, CANADA K2C3H5

PERFORMANCE CHECKSHEET

Model: AVR-E3-B-W3-PN-OT
Type: Ultra-High-Speed Pulse Generator
S.N.: 14100
Date: March 8, 2021

Output Amplitude: up to ±100V, to 50Ω
Pulse Width (FWHM): 0.5 to 10 ns
Rise Time (20%-80%): ≤ 500 ps
Fall Time (80%-20%): varies
PRF: 1 Hz - 20 kHz
Jitter, Stability: OK
Prime Power: 100-240V AC, 50-60 Hz.

Basic specifications: →

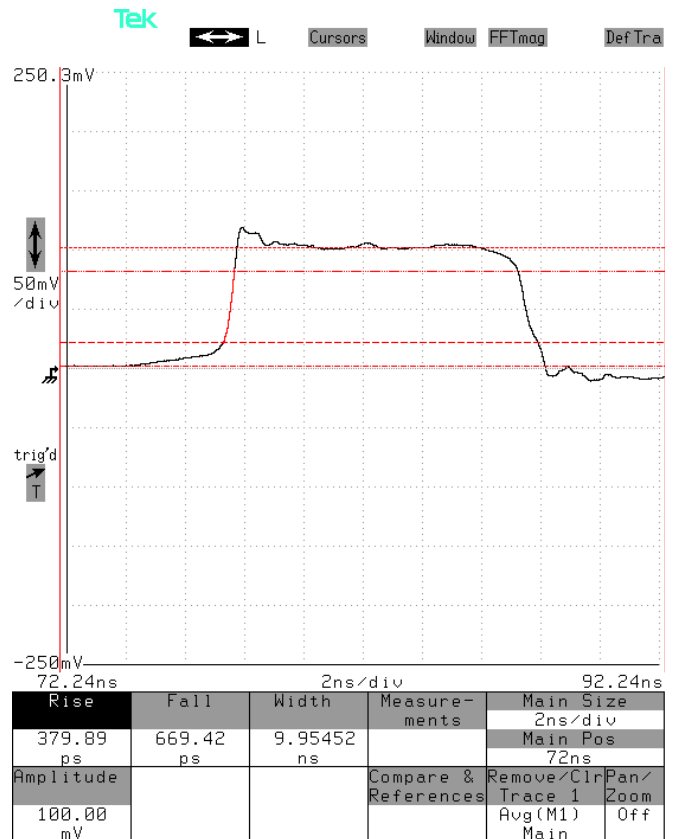
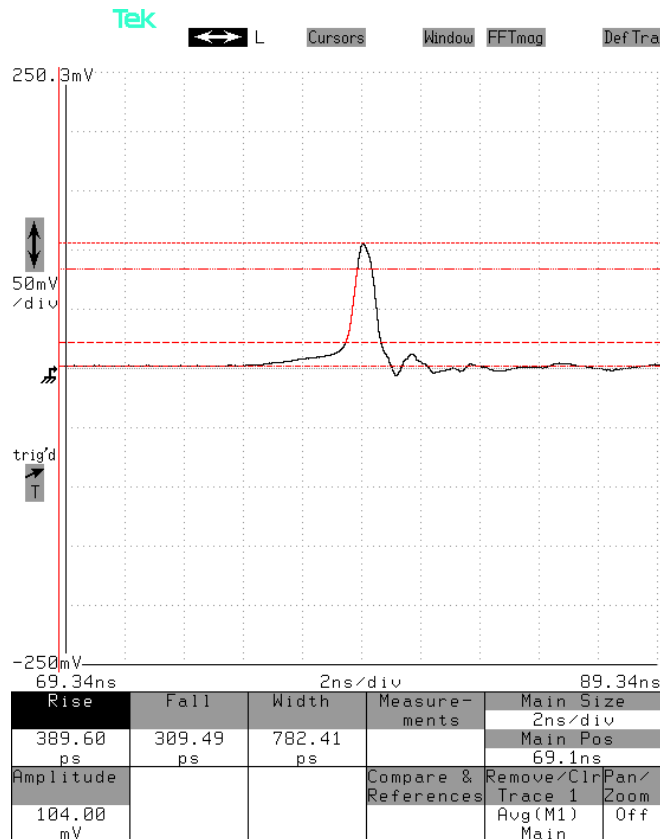
Test Waveforms

20 kHz, < 1 ns, ≥ +100V,

10 kHz, 10 ns, +100V,

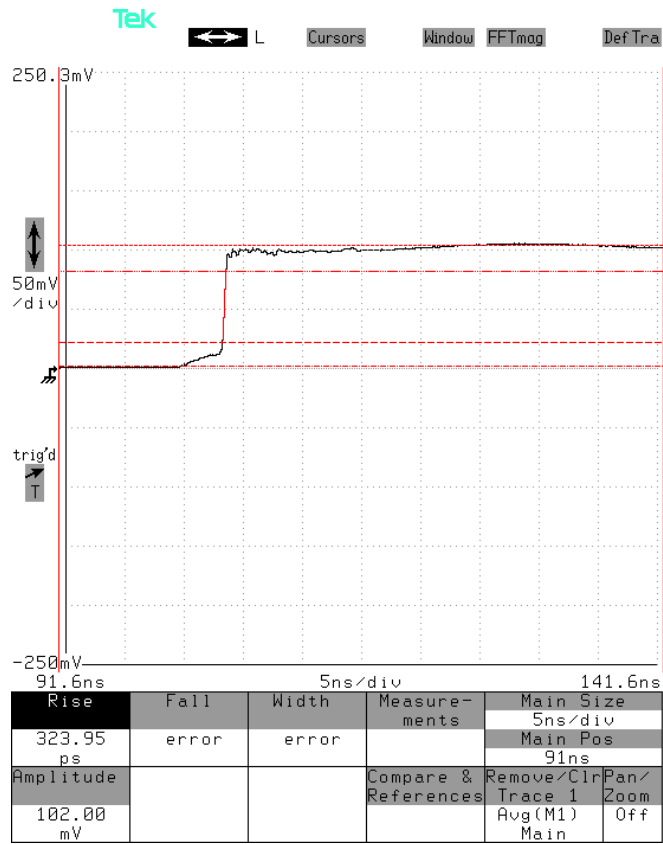
2 ns/div. 50 V/div (50 mV/div × 60 dB):

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



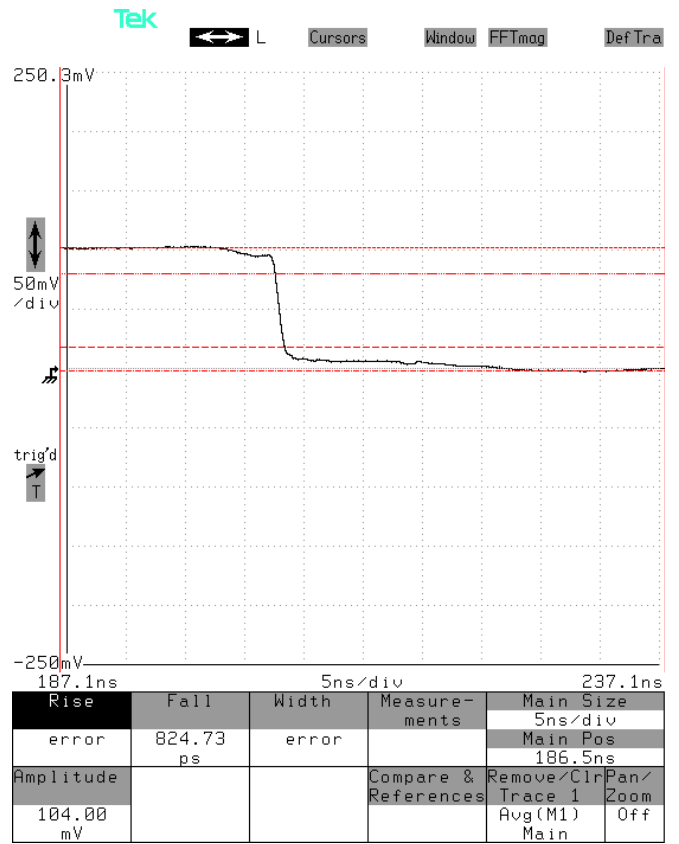
20 kHz, 100 ns, $\geq +100V$, leading edge,

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



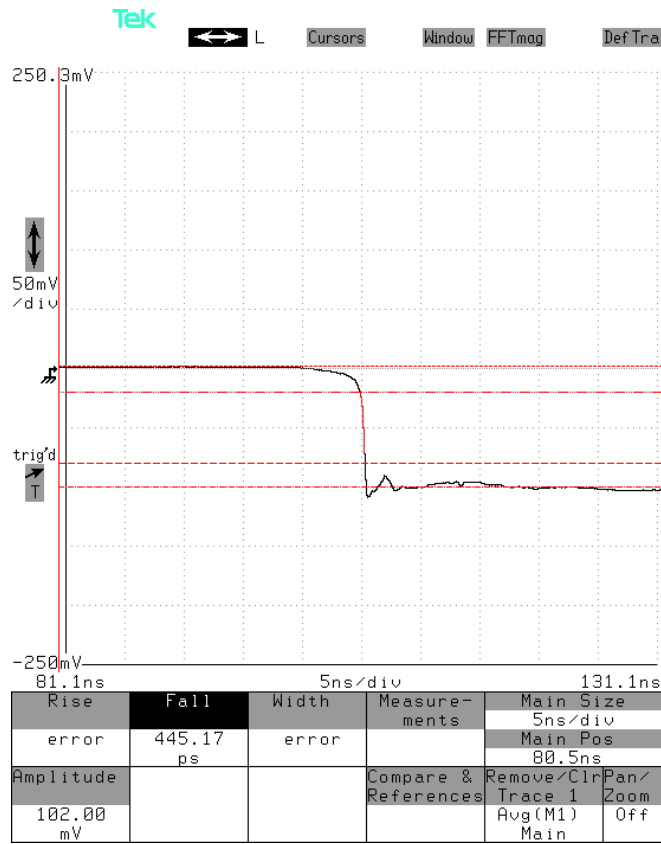
20 kHz, 100 ns, $\geq +100V$, trailing edge,

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



10 kHz, 5 us, -100V, leading edge,

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



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

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

