



AVTECH ELECTROSYSTEMS LTD.

NANOSECOND WAVEFORM ELECTRONICS
SINCE 1975

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☒ BOX 5120, LCD MERIVALE
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PERFORMANCE CHECKSHEET

Model: AVR-E3-B-P-W1-OS-X2
Type: Ultra-High-Speed Pulse Generator
S.N.: 13704
Date: April 10, 2018

Output Amplitude: up to +100V, to 50Ω
Pulse Width (FWHM): 1 to 200 ns
Rise Time (20%-80%): ≤ 500 ps
Fall Time (80%-20%): ≤ 1 ns
PRF: 1 Hz - 100 kHz
Jitter, Stability: OK
Prime Power: 100-240V AC, 50-60 Hz.

Basic specifications: →

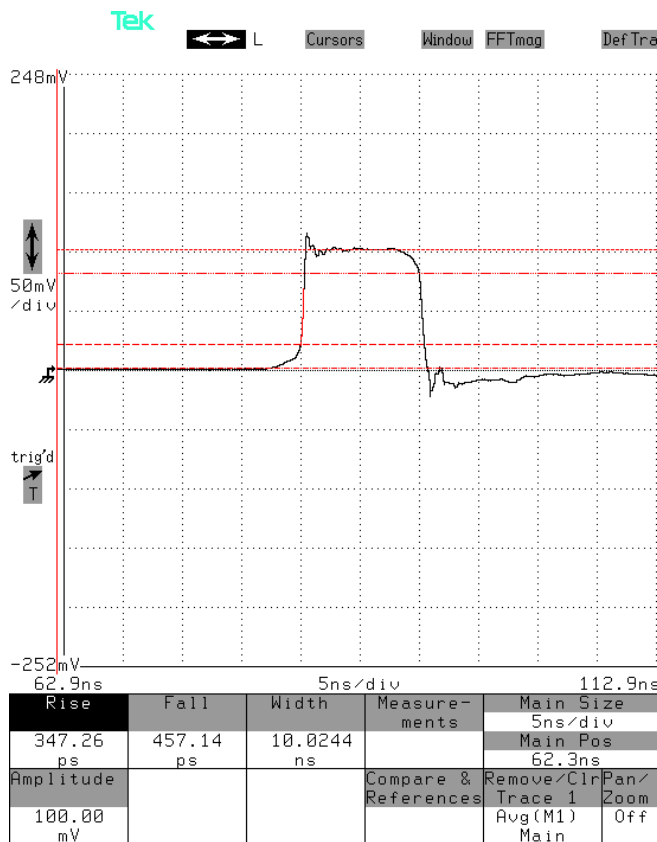
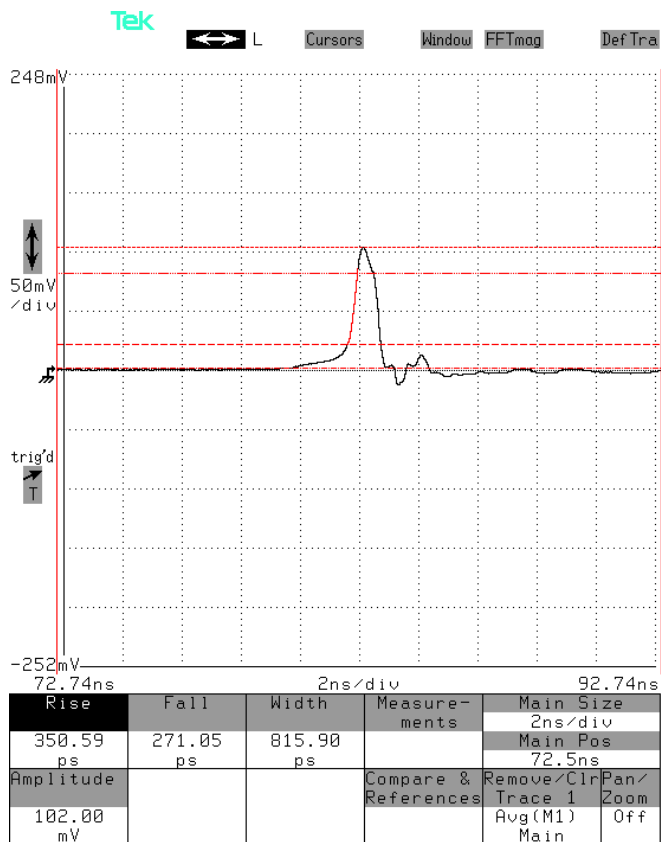
Test Waveforms

10 kHz, < 1 ns, +100V,

100 kHz, 10 ns, +100V,

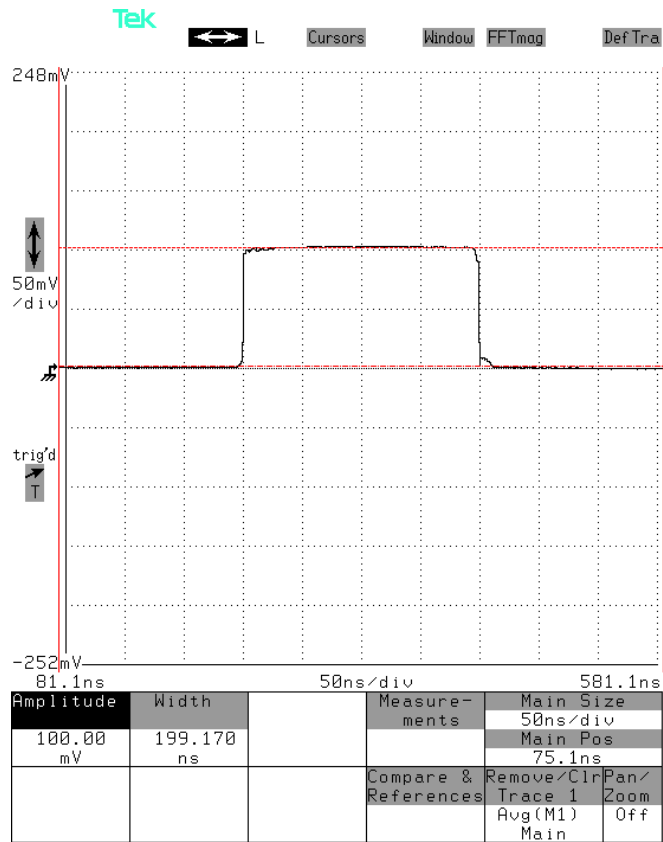
2 ns/div. 50 V/div (50 mV/div × 60 dB):

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



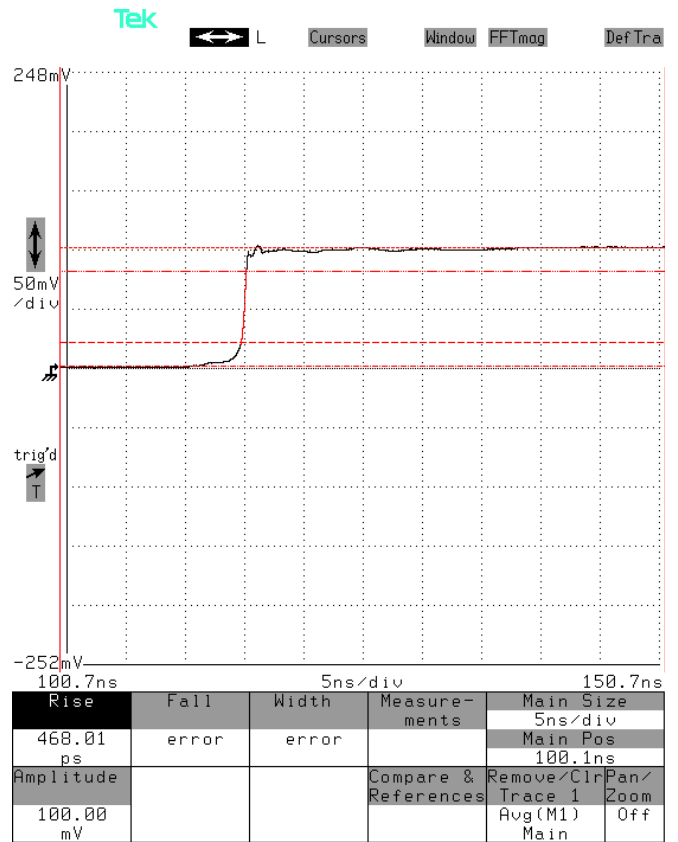
10 kHz, 200 ns, +100V,

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



10 kHz, 200 ns, +100V, leading edge,

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



10 kHz, 200 ns, +100V, trailing edge,

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

