



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-W1-PN
Type: Ultra-High-Speed Pulse Generator
S.N.: 13345
Date: October 7, 2015

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: →

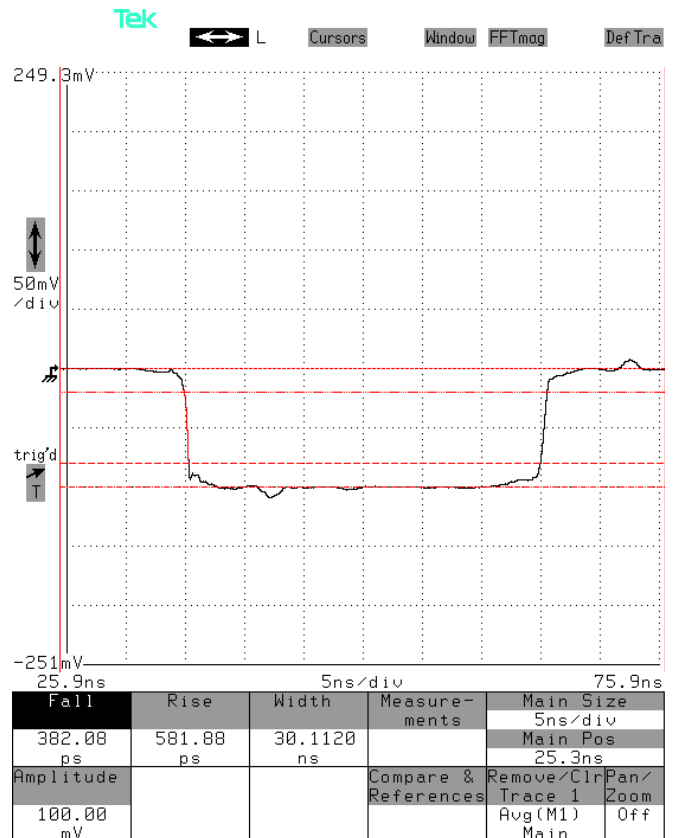
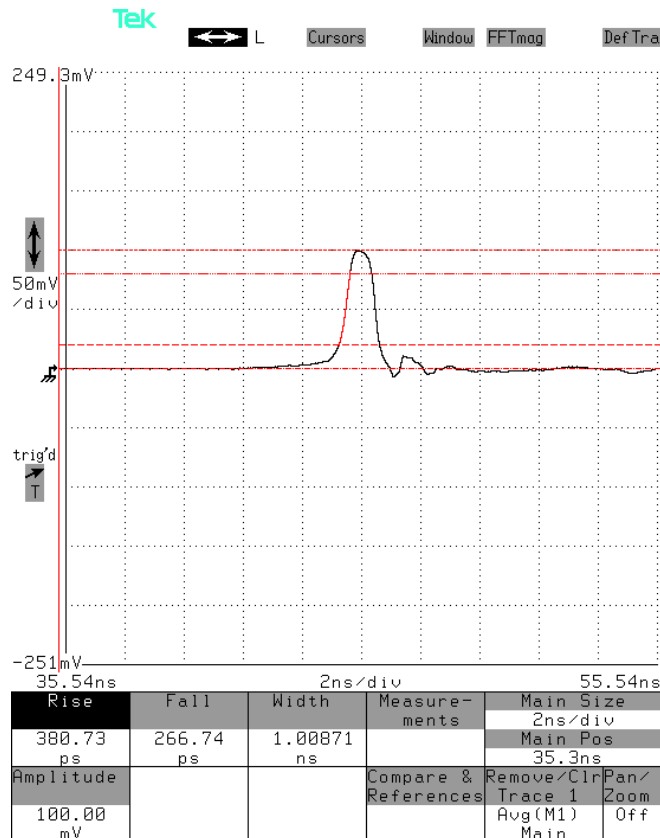
Test Waveforms

100 kHz, 1 ns, +100V,

100 kHz, 30 ns, -100V,

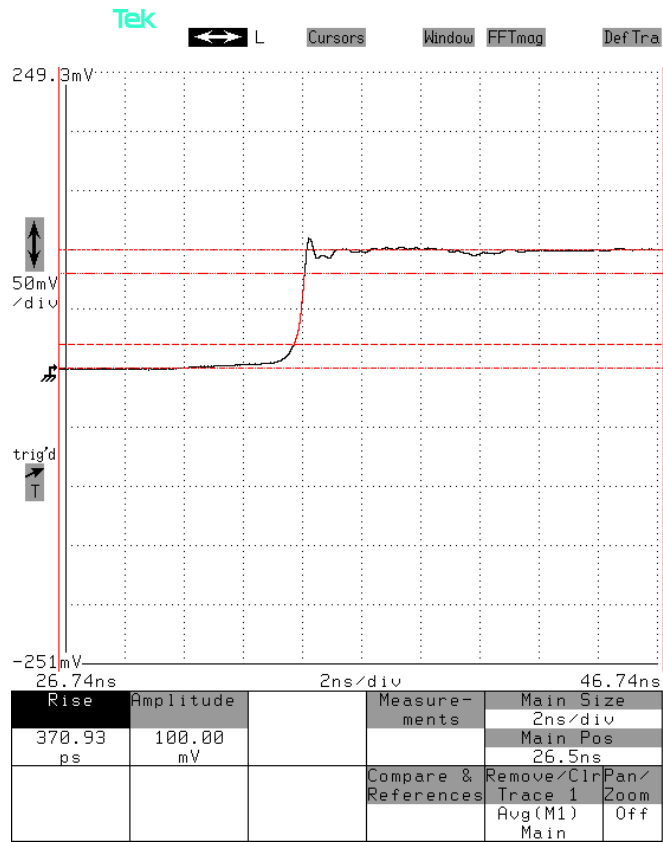
2 ns/div. 50 V/div (50 mV/div × 60 dB):

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



10 kHz, 200 ns, +100V, rising edge shown,

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



10 kHz, 200 ns, +100V, falling edge shown,

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

