



AVTECH ELECTROSYSTEMS LTD.

NANOSECOND WAVEFORM ELECTRONICS
SINCE 1975

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BOX 5120, LCD MERIVALE
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PERFORMANCE CHECKSHEET

Model: AVR-E5-B-PN
Type: Ultra-High-Speed Pulse Generator
S.N.: 13618
Date: October 5, 2017

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

Basic specifications: →

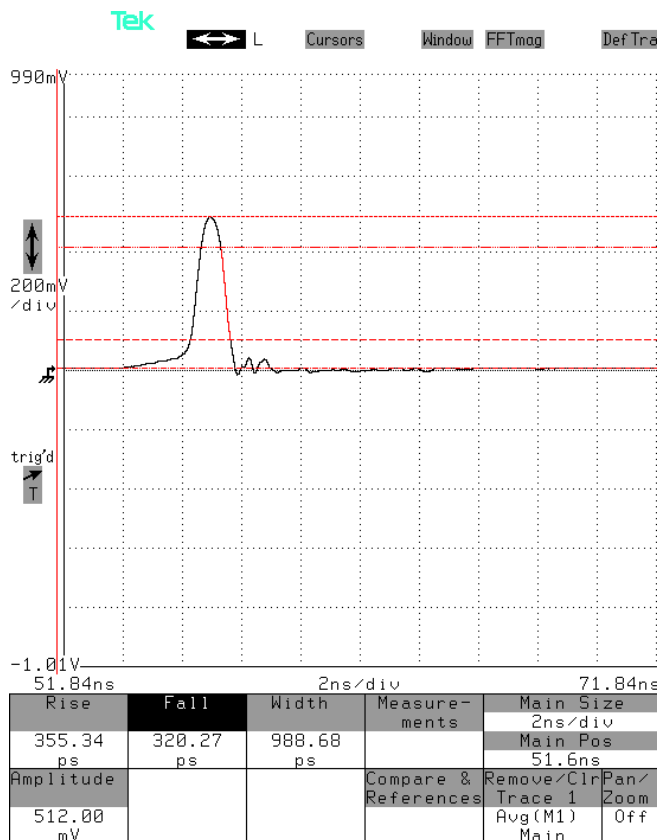
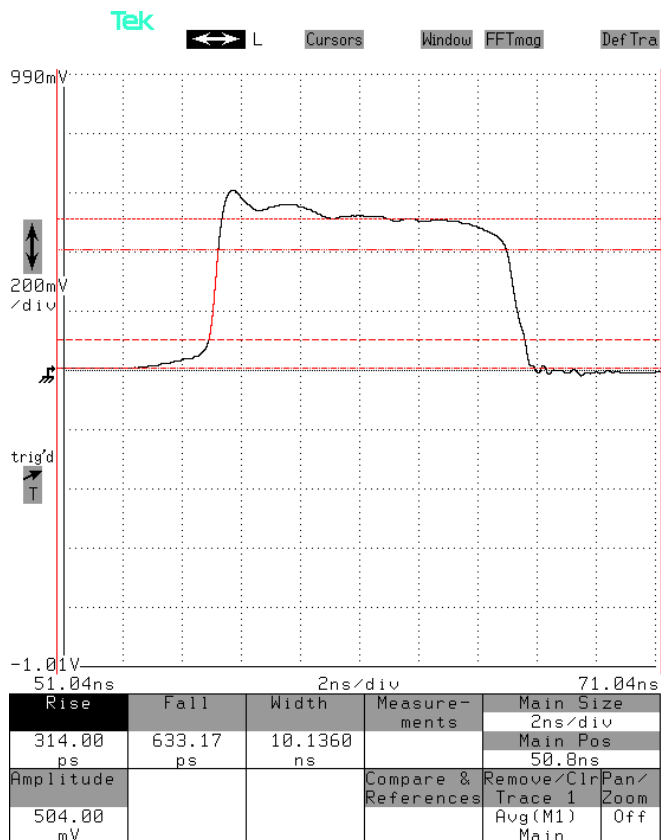
Test Waveforms

100 kHz, 10 ns, +50V,

100 kHz, 1 ns, +50V,

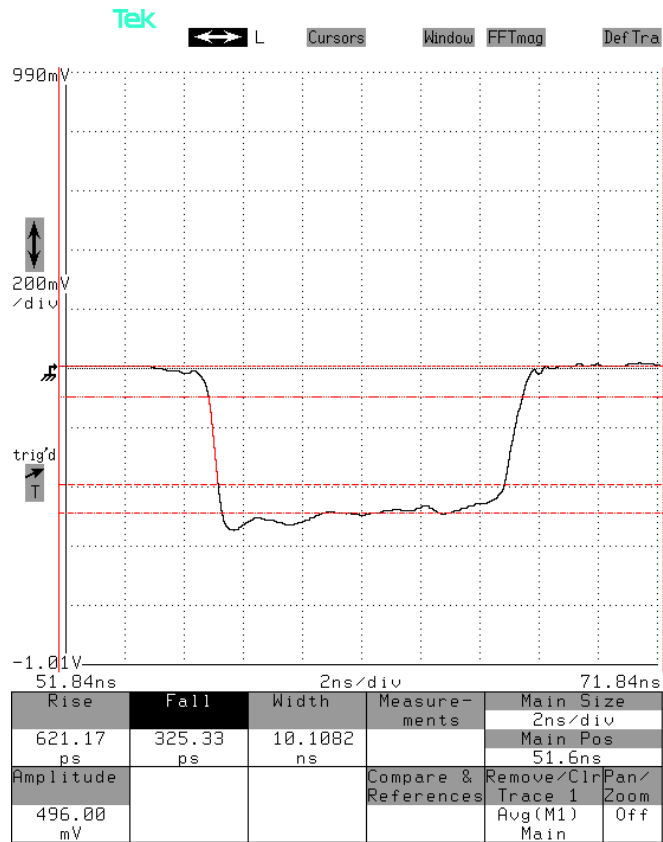
2 ns/div. 20 V/div (200 mV/div \times 40 dB):

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



100 kHz, 10 ns, -50V,

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



100 kHz, 1 ns, -50V,

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

