



AVTECH ELECTROSYSTEMS LTD.

NANOSECOND WAVEFORM ELECTRONICS
SINCE 1975

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BOX 5120, LCD MERIVALE
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PERFORMANCE CHECKSHEET

Model: AVR-E4-C-PN-AK2-AK8-ATA3-R5
Type: Ultra-High-Speed Pulse Generator
S.N.: 13467
Date: June 20, 2016

Output Amplitude: up to $\pm 100V$, to 50Ω
Pulse Width (FWHM): 1 - 5 ns
Rise Time (20%-80%): ≤ 400 ps
Fall Time (80%-20%): ≤ 600 ps
PRF: 10 Hz - 100 kHz
Jitter, Stability: OK
Prime Power: 100-240V AC, 50-60 Hz.

Basic specifications: →

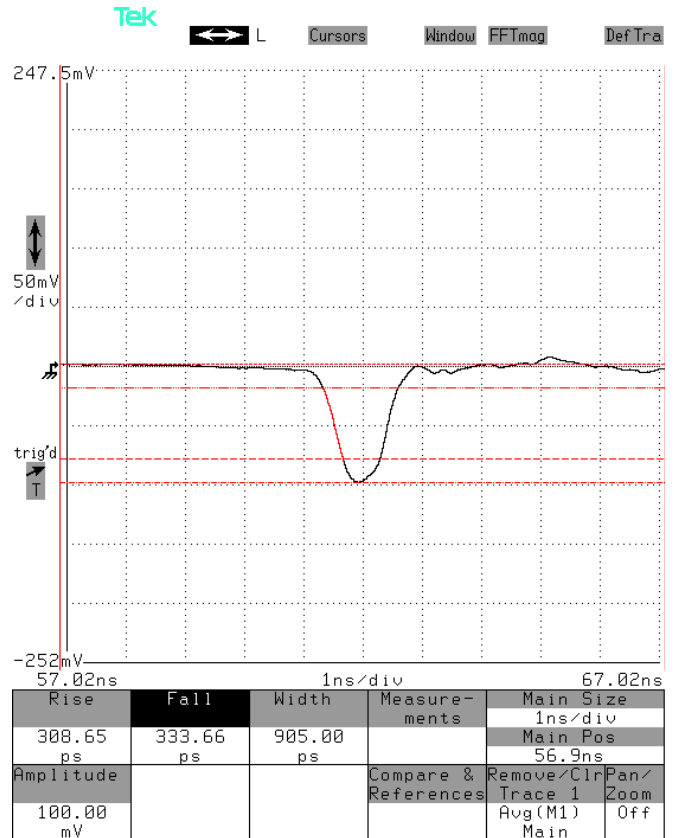
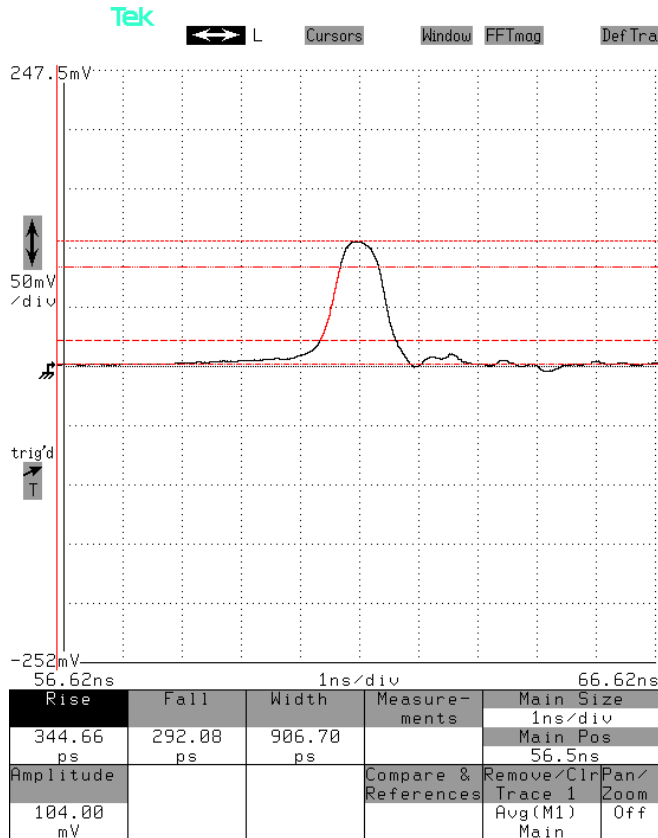
Test Waveforms

100 kHz, < 1 ns, > +100V,

100 kHz, < 1 ns, -100V

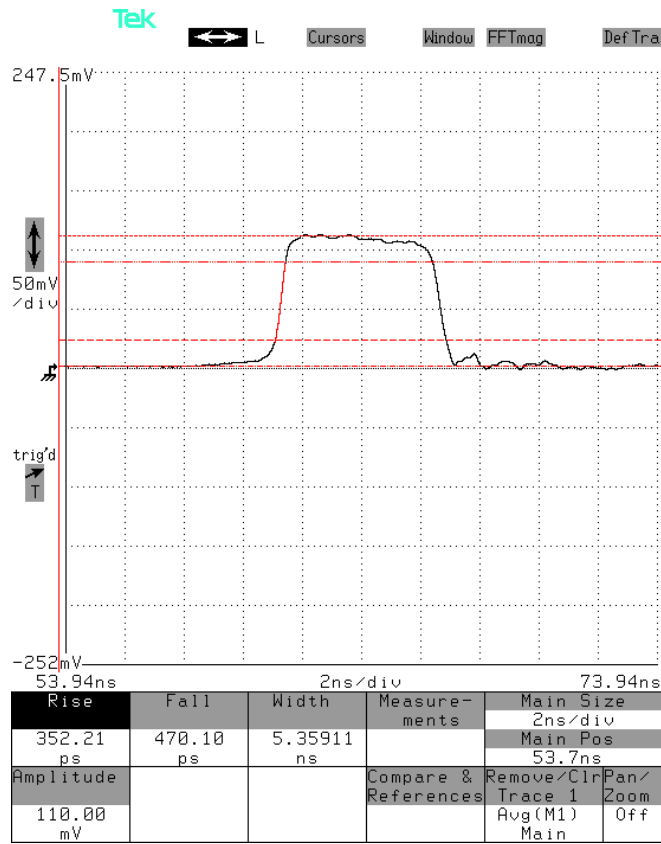
1 ns/div. 50 V/div (50 mV/div \times 60 dB):

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



100 kHz, > 5 ns, > +100V,

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



100 kHz, > 5 ns, > -100V

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

