



AVTECH ELECTROSYSTEMS LTD.

NANOSECOND WAVEFORM ELECTRONICS
SINCE 1975

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PERFORMANCE CHECKSHEET

Model: AVP-2SA-C-PN-AC22-AK1-AK8-AT-EA-ECL-EO-EW-M-OS-R5

S.N.: 13204

Type: Ultra-High-Speed Pulse Generator

Date: October 15, 2014

Basic specifications: →

Output Amplitude: up to $\pm 5V$, to 50 Ω

Pulse Width (FWHM): 0.2 to 4 ns

Rise Time (20%-80%): ≤ 40 ps

Fall Time (80%-20%): ≤ 250 ps

PRF: up to 1 MHz

Jitter, Stability: OK

Prime Power: 100-240V AC, 50-60 Hz.

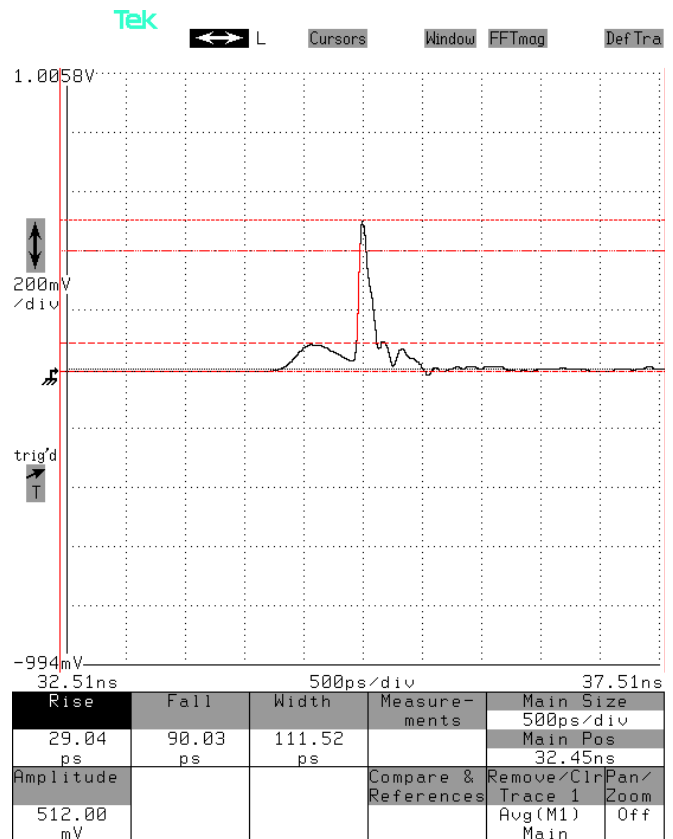
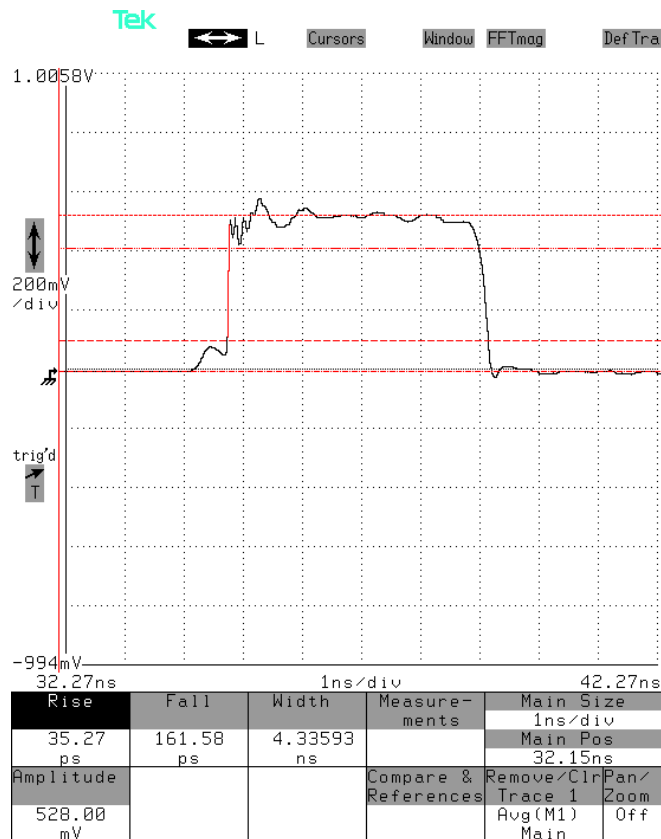
Test Waveforms

1 MHz, > 4 ns, $> +5V$,

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

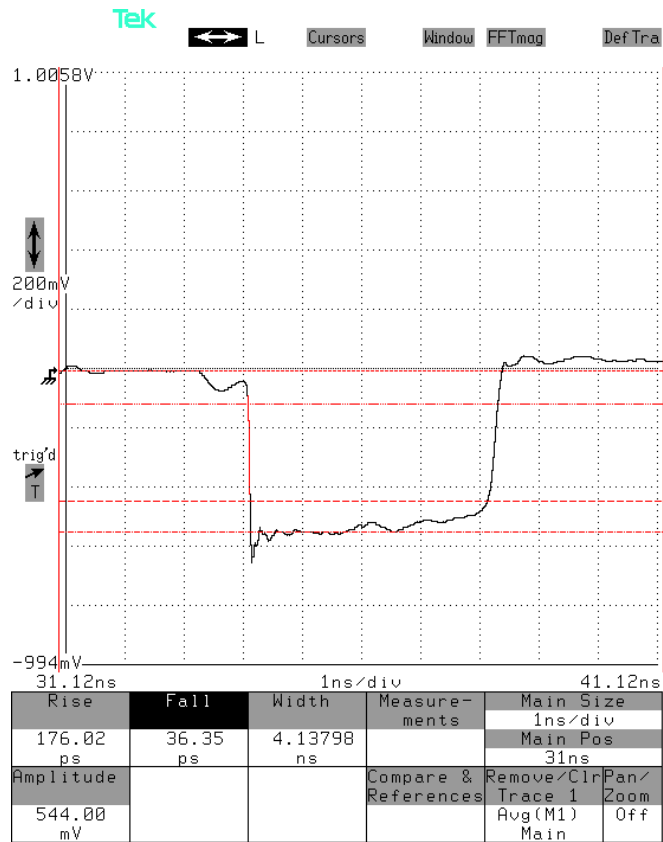
1 MHz, < 0.2 ns, $> +5V$,

500 ps/div. 2 V/div (200 mV/div \times 20 dB):



1 MHz, > 4 ns, > -5V,

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



1 MHz, < 0.2 ns, > -5V,

500 ps/div. 2 V/div (200 mV/div × 20 dB):

