



AVTECH ELECTROSYSTEMS LTD.

NANOSECOND WAVEFORM ELECTRONICS
SINCE 1975

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BOX 5120, LCD MERIVALE
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PERFORMANCE CHECKSHEET

Model: AVP-AV-1-B-PN-AK1
Type: Ultra-High-Speed Pulse Generator
S.N.: 13770
Date: August 29, 2018

Output Amplitude: up to $\pm 10V$, to 50Ω
Pulse Width (FWHM): 0.4 to 4 ns
Rise Time (20%-80%): ≤ 100 ps
Fall Time (80%-20%): ≤ 300 ps
PRF: 1 Hz - 1 MHz
Jitter, Stability: OK
Prime Power: 100-240V AC, 50-60 Hz.

Basic specifications: →

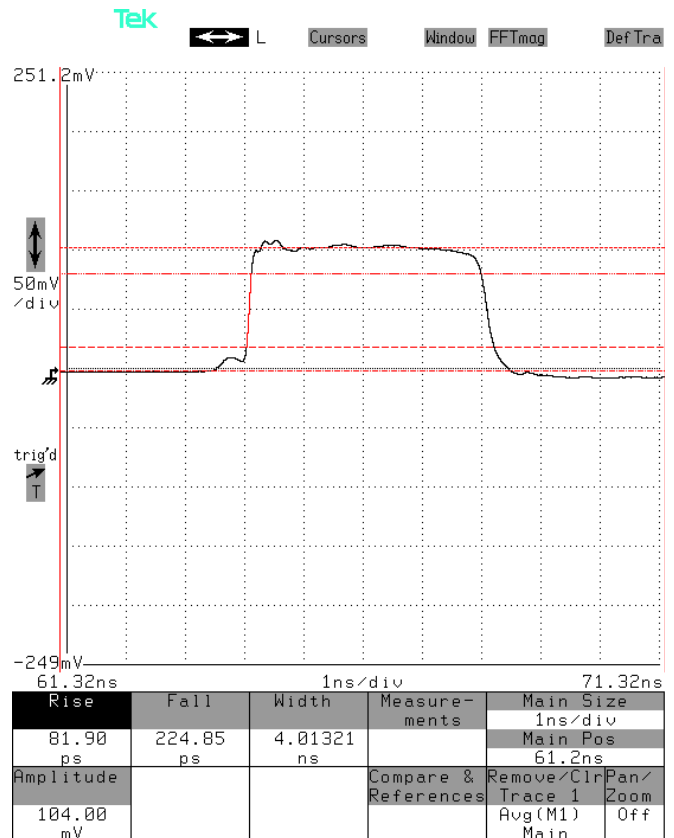
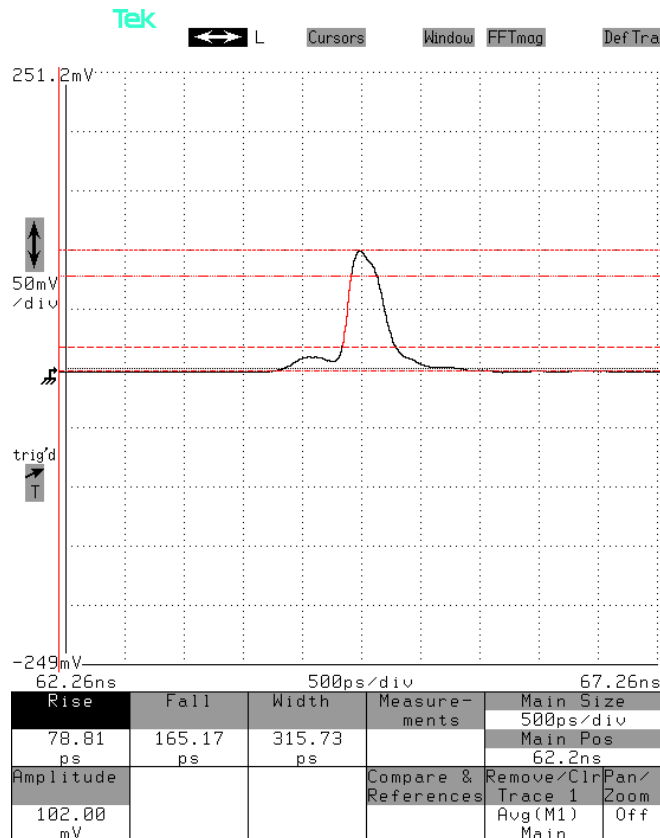
Test Waveforms

100 kHz, < 400 ps, $> +10V$,

100 kHz, > 4 ns, $> +10V$,

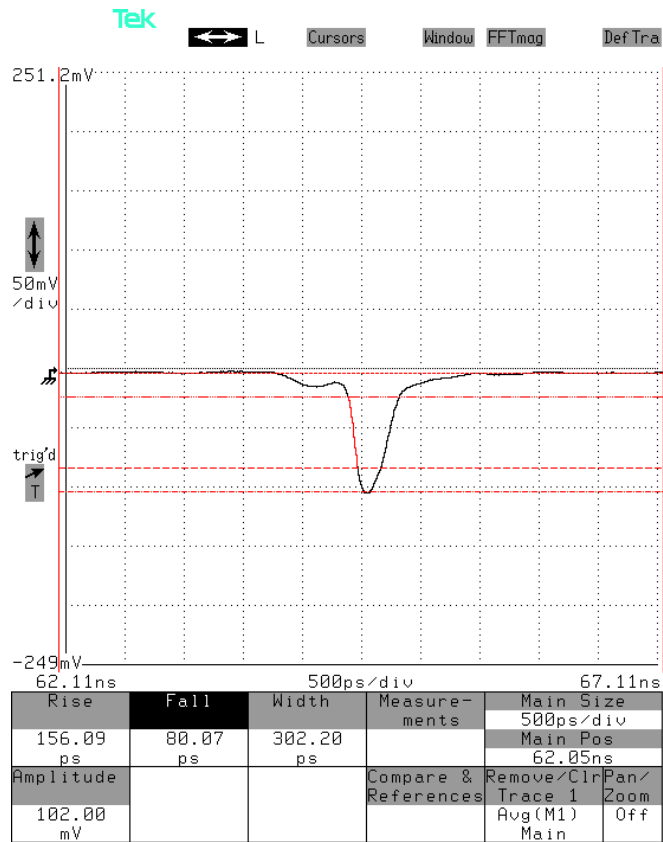
500 ps/div. 5 V/div (50 mV/div \times 40 dB):

1 ns/div. 5 V/div (50 mV/div \times 40 dB):



100 kHz, < 400 ps, > -10V,

500 ps/div. 5 V/div (50 mV/div × 40 dB):



100 kHz, > 4 ns, > -10V,

1 ns/div. 5 V/div (50 mV/div × 40 dB):

