



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-AK1-TNT-EA-EO-PN-M
Type: Ultra-High-Speed Pulse Generator
S.N.: 12077
Date: September 23, 2008

Output Amplitude: 0 to $\pm 10V$, to 50Ω
Pulse Width (FWHM): 0.4 – 4 ns
Rise Time (20%-80%): ≤ 150 ps
Fall Time (80%-20%): ≤ 300 ps
PRF: 1 MHz maximum
Jitter, Stability: OK
Prime Power: 100-240V AC, 50-60 Hz.

Basic specifications: →

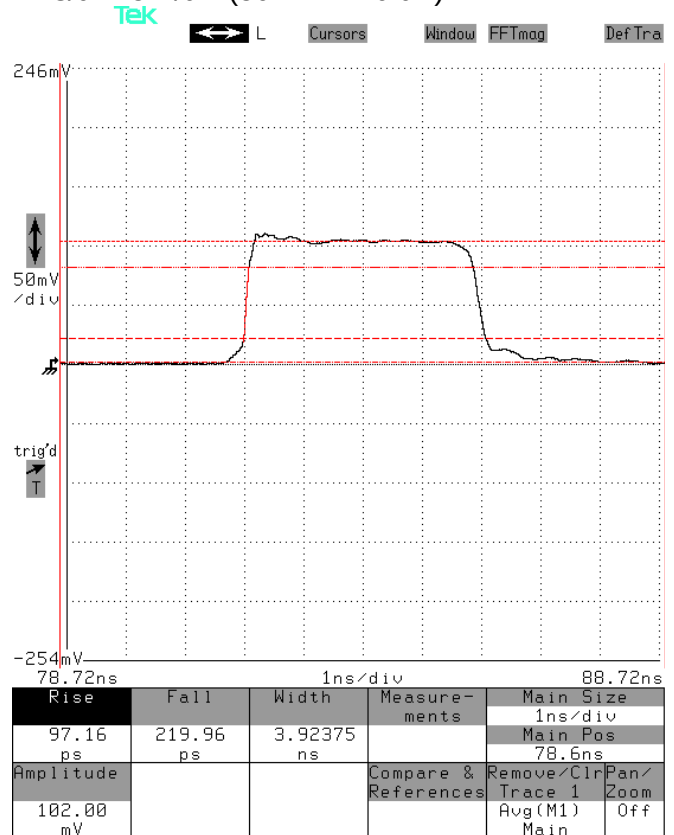
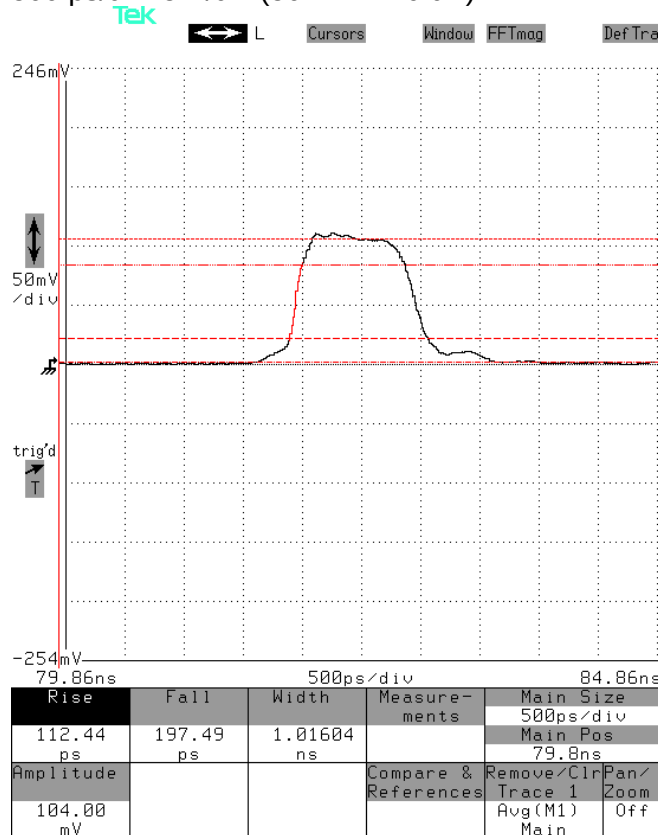
Test Waveforms

1 ns, +10V, 100 kHz.

4 ns, +10V, 100 kHz.

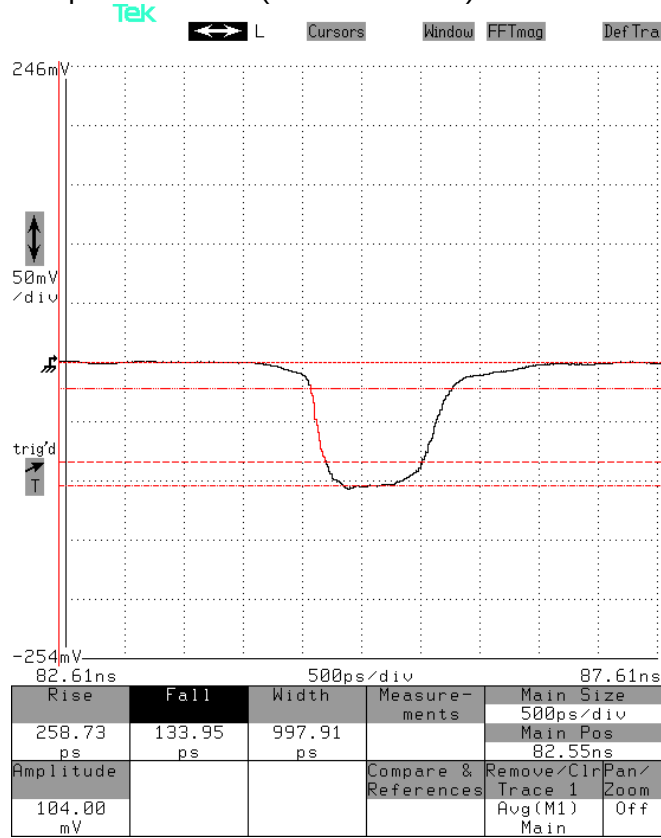
500 ps/div. 5 V/div (50 mV \times 40 dB):

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



1 ns, -10V, 100 kHz.

500 ps/div. 5 V/div (50 mV × 40 dB):



4 ns, -10V, 100 kHz.

1 ns/div. 5 V/div (50 mV × 40 dB):

