



AVTECH ELECTROSYSTEMS LTD.

NANOSECOND WAVEFORM ELECTRONICS
SINCE 1975

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PERFORMANCE CHECKSHEET

Model: AVM-1-C-P-PN-D
Type: Ultra-High-Speed Pulse Generator
S.N.: 11488
Date: May 18, 2006

Output Amplitude: 0 to $\pm 5V$
Pulse Width (FWHM): 0.2 to 6 ns
Rise Time (20%-80%): < 100 ps
Fall Time (80%-20%): < 135 ps
PRF: 3 kHz - 25 MHz
Jitter, Stability: OK
Prime Power: 100-240V AC, 50-60 Hz.

Basic specifications: →

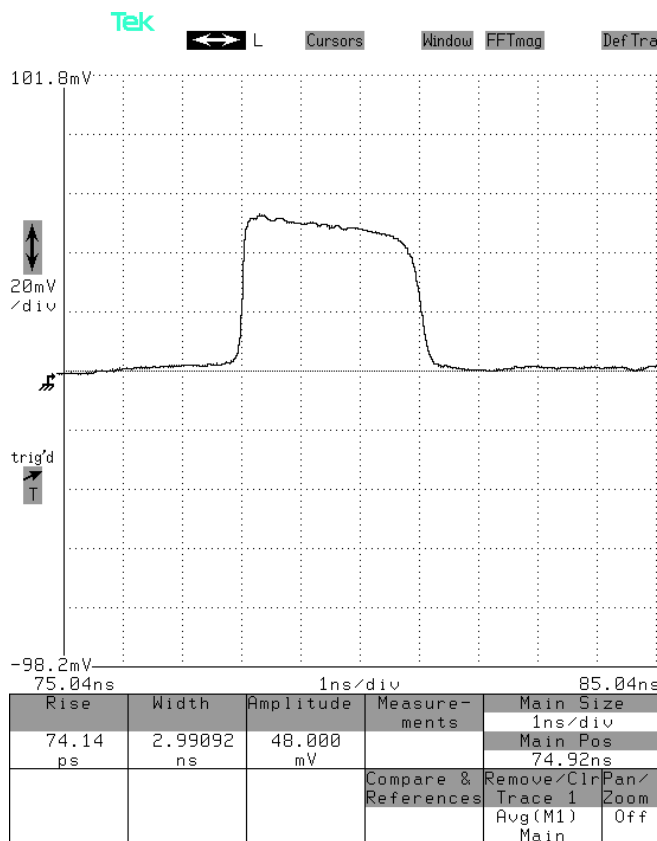
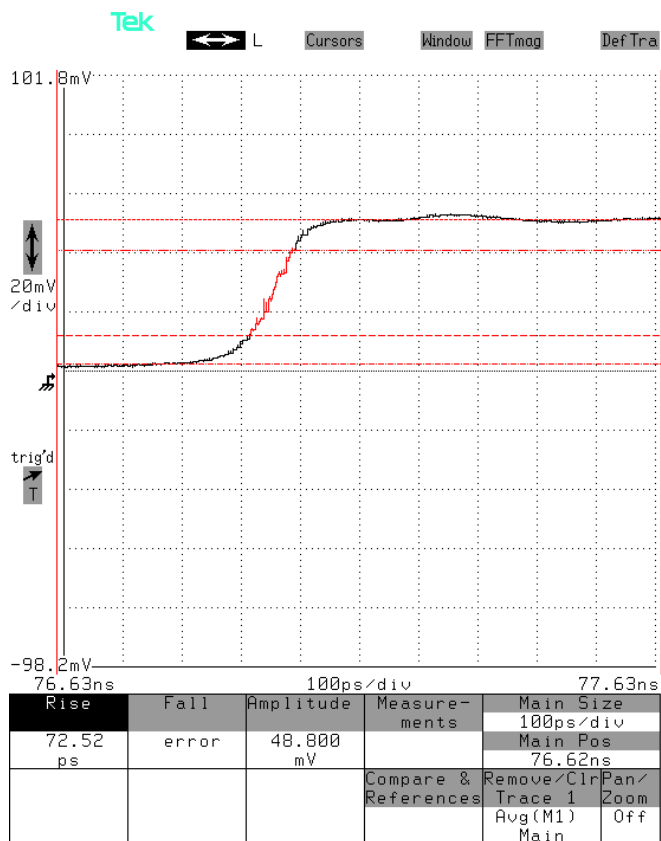
Test Waveforms

Rise time test:

12 MHz, +5V, 3 ns PW.
100 ps/div. 2 V/div (20 mV \times 40 dB).

Wide pulse test:

12 MHz, +5V, 3 ns PW.
1 ns/div. 2 V/div (20 mV \times 40 dB).



Narrow pulse test:

12 MHz, +5V, 3 ns PW.

1 ns/div. 2 V/div (20 mV × 40 dB).

