



AVTECH ELECTROSYSTEMS LTD.

NANOSECOND WAVEFORM ELECTRONICS
SINCE 1975

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PERFORMANCE CHECKSHEET

Model: AVN-W3-C-P
Type: Ultra-High-Speed Pulse Generator
S.N.: 11553
Date: October 27, 2006

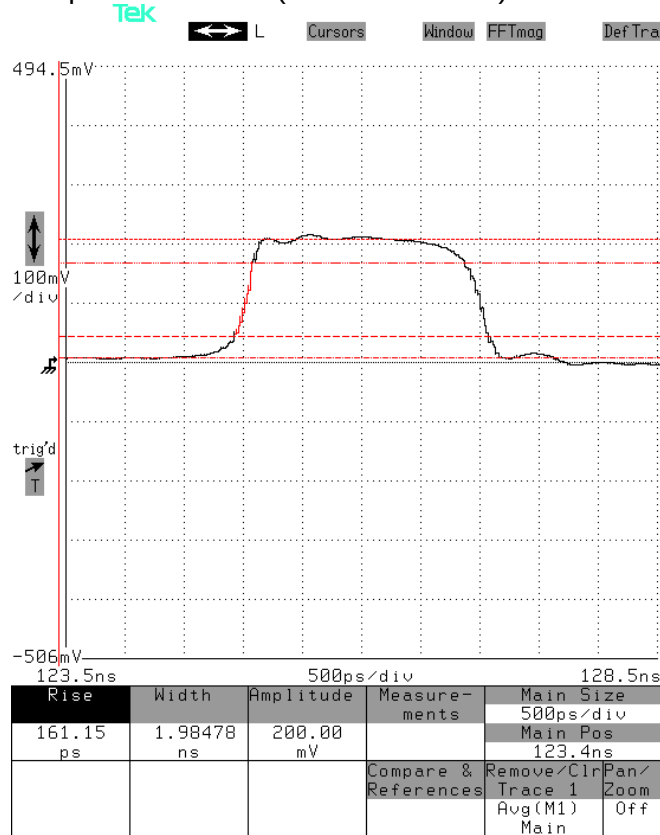
Output Amplitude: 0 to 20V, to 50Ω
Pulse Width (FWHM): 0.5 – 5 ns
Rise Time (20%-80%): ≤ 200 ps
Fall Time (80%-20%): ≤ 300 ps
PRF: 5 – 50 MHz
Jitter, Stability: OK
Prime Power: 100-240V AC, 50-60 Hz.

Basic specifications: →

Test Waveforms

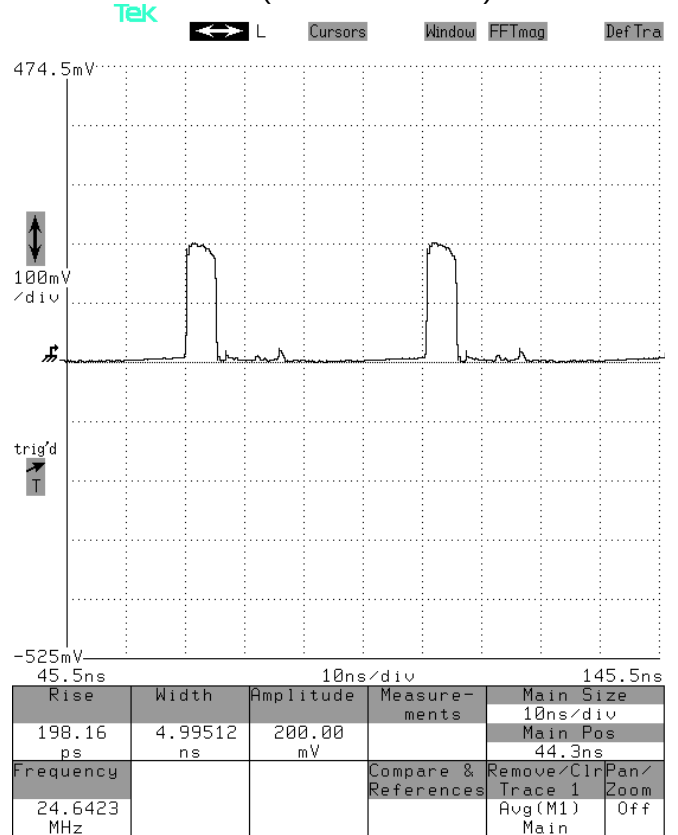
At 10 MHz, 2 ns pulse width:

500 ps/div. 10 V/div (100 mV × 40 dB).



At 25 MHz, 5 ns pulse width:

10 ns/div. 10 V/div (100 mV × 40 dB).



At 50 MHz, 1 ns pulse width:

5 ns/div. 10 V/div (100 mV × 40 dB).

