



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.: 12865
Date: September 11, 2012

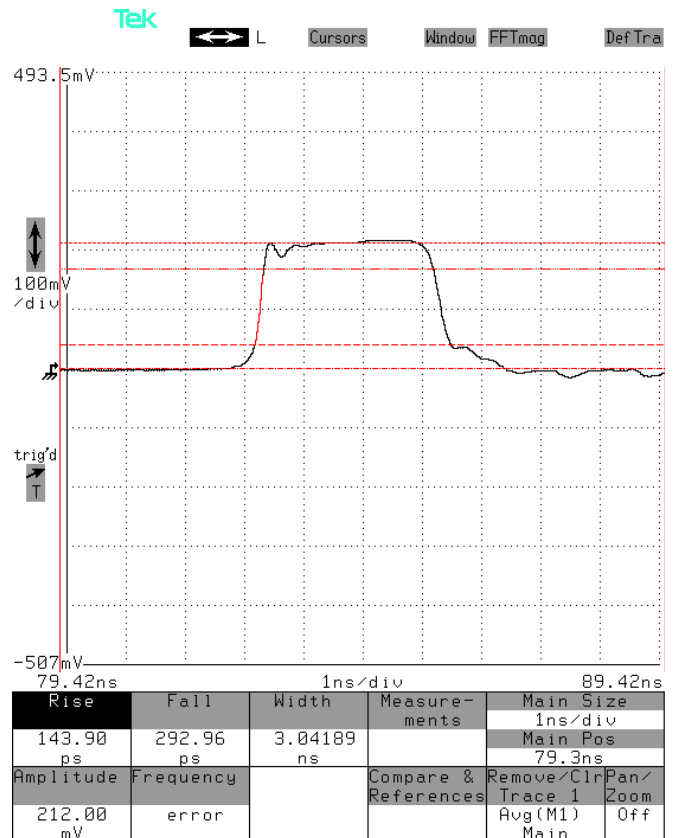
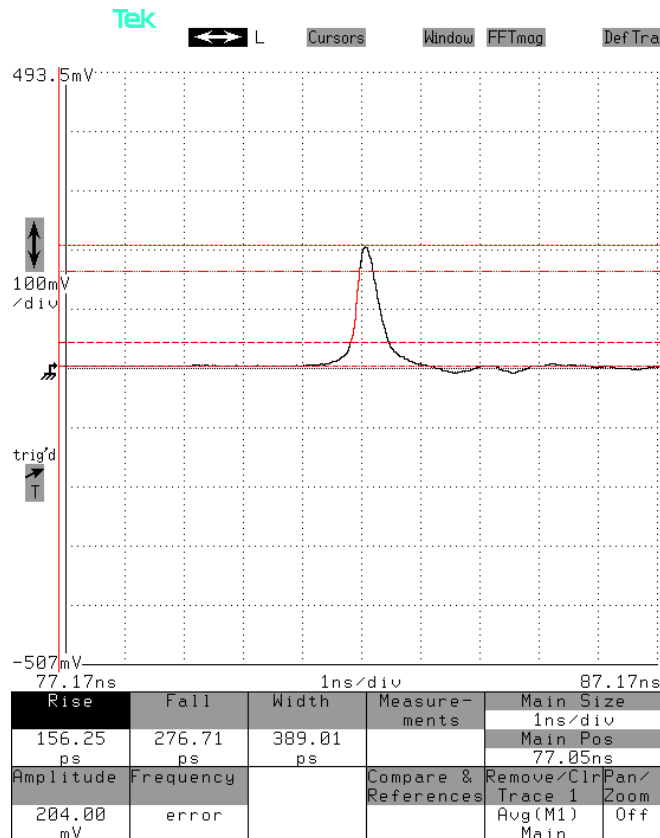
Output Amplitude: 0 to +20V, to 50Ω
Pulse Width (FWHM): 0.5 - 4 ns
Rise Time (20%-80%): ≤ 200 ps
Fall Time (80%-20%): ≤ 300 ps
PRF: 10 - 40 MHz
Jitter, Stability: OK
Prime Power: 100-240V AC, 50-60 Hz.

Basic specifications: →

Test Waveforms

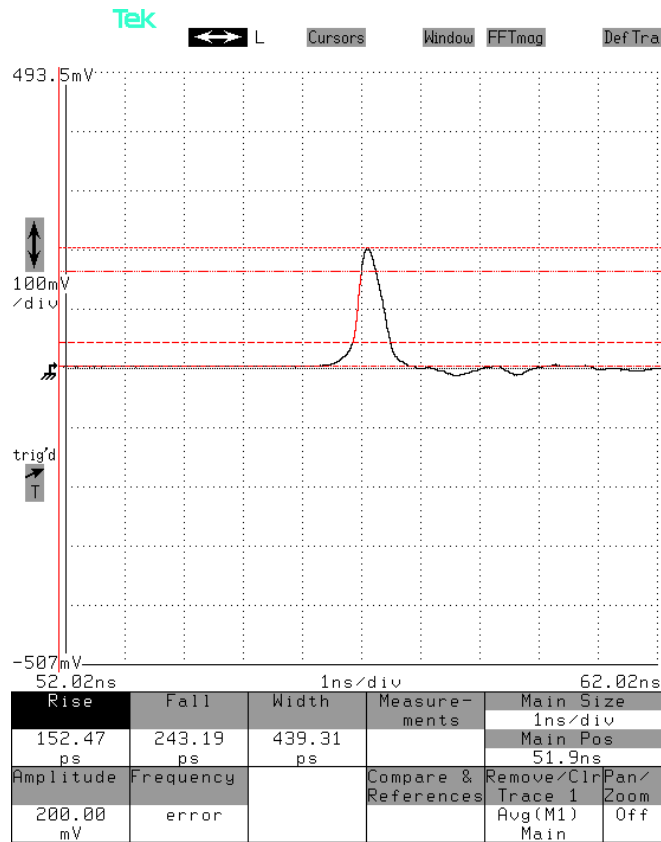
At 15 MHz, < 0.5 ns, +20V, approximately,
1 ns/div. 10 V/div (100 mV × 40 dB):

At 15 MHz, 3 ns, +20V, approximately,
1 ns/div. 10 V/div (100 mV × 40 dB):



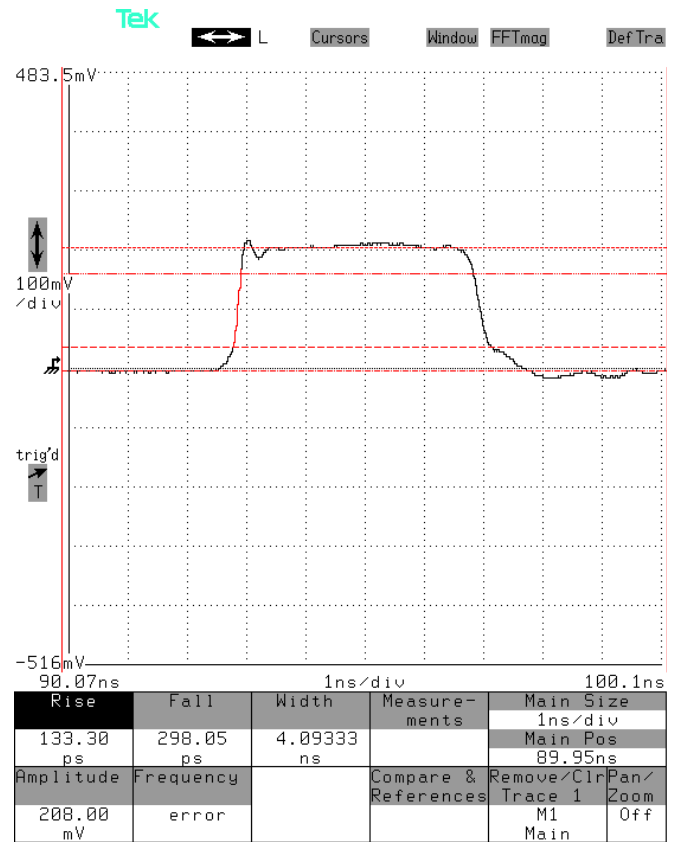
At 25 MHz, < 0.5 ns, +20V, approximately,

1 ns/div. 10 V/div (100 mV × 40 dB):



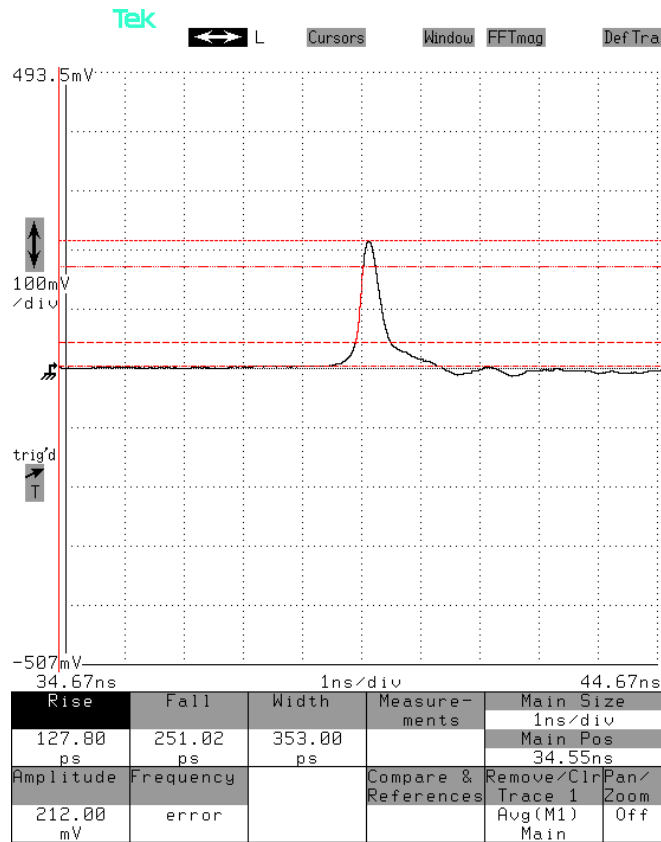
At 25 MHz, 4 ns, +20V, approximately,

1 ns/div. 10 V/div (100 mV × 40 dB):



At 40 MHz, < 0.5 ns, +20V, approximately,

1 ns/div. 10 V/div (100 mV × 40 dB):



At 40 MHz, 3 ns, +20V, approximately,

1 ns/div. 10 V/div (100 mV × 40 dB):

