



AVTECH ELECTROSYSTEMS LTD.

NANOSECOND WAVEFORM ELECTRONICS
SINCE 1975

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PERFORMANCE CHECKSHEET

Model: AVN-1-C-P-AC01-AT
Type: Ultra-High-Speed Pulse Generator
S.N.: 13239
Date: November 28, 2014

Max. Output Amplitude: up to +5V
Pulse Width (FWHM): 0.2 – 1 ns
Rise Time (20%-80%): ≤ 100 ps
Fall Time (80%-20%): ≤ 200 ps
PRF: 25 - 200 MHz
Jitter, Stability: OK
Prime Power: 100-240V AC, 50-60 Hz.

Basic specifications: →

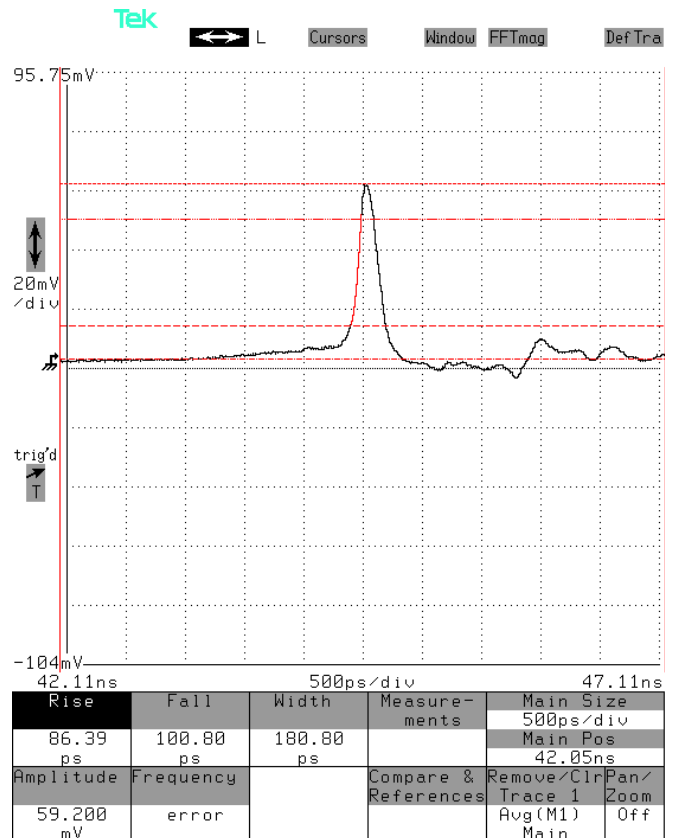
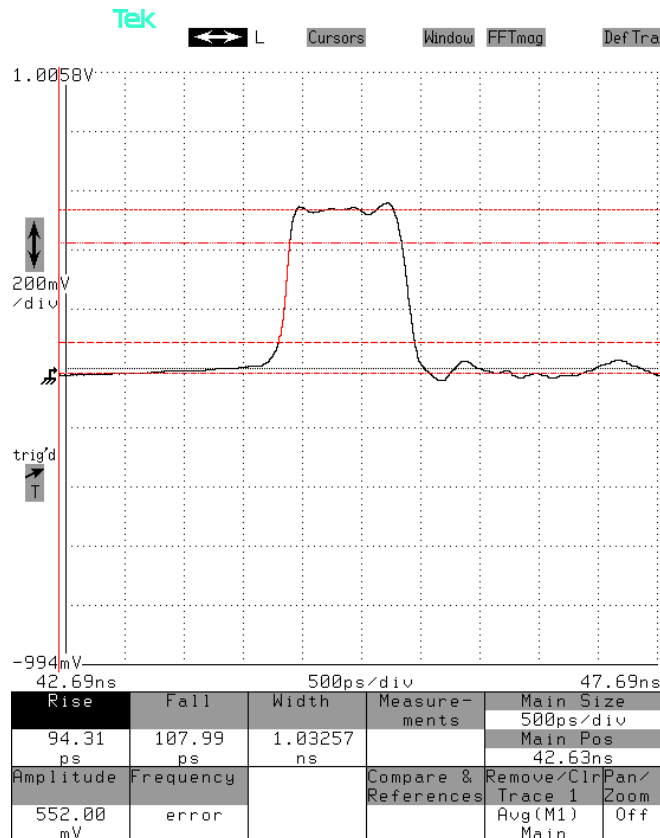
Test Waveforms

25 MHz, > 1 ns, > +5V,

50 MHz, < 0.2 ns, > +5V,

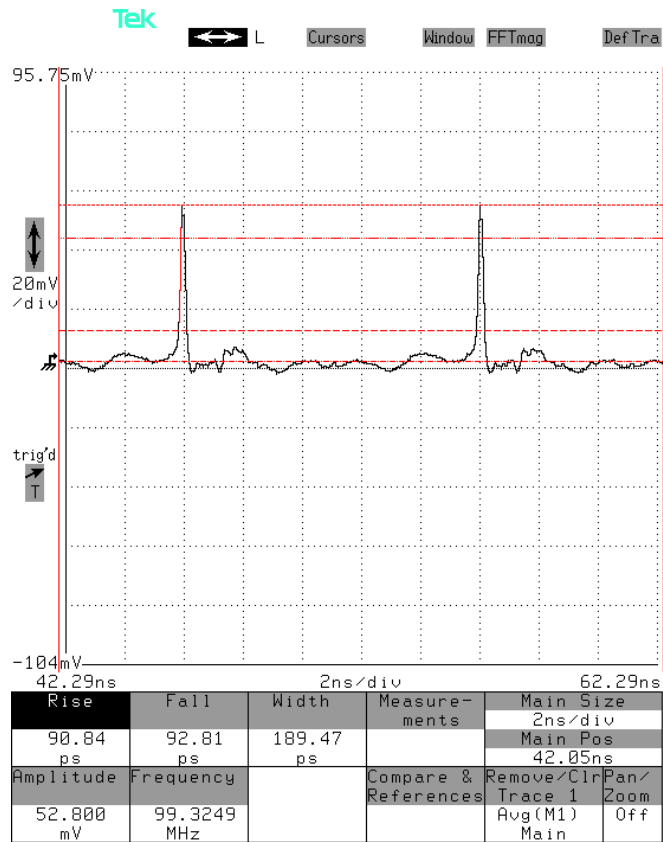
500 ps/div. 2 V/div (200 mV/div × 20 dB):

500 ps/div. 2 V/div (20 mV/div × 40 dB):



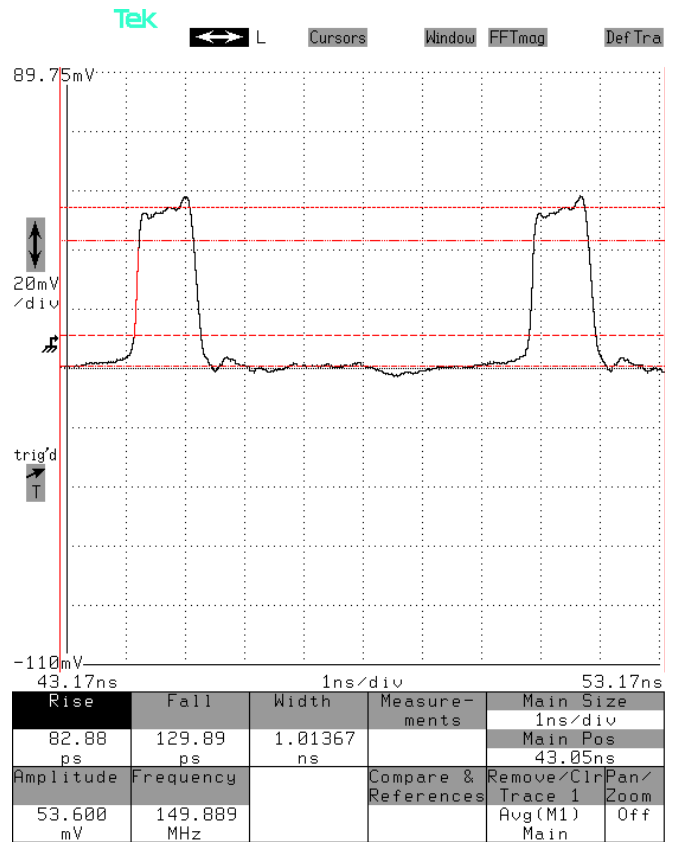
100 MHz, < 0.2 ns, > +5V,

2 ns/div. 2 V/div (20 mV/div × 40 dB):



150 MHz, > 1 ns, > +5V,

1 ns/div. 2 V/div (20 mV/div × 40 dB):



200 MHz, 0.5 ns, > +5V,

1 ns/div. 2 V/div (20 mV/div × 40 dB):

