



AVTECH ELECTROSYSTEMS LTD.

NANOSECOND WAVEFORM ELECTRONICS
SINCE 1975

□ P.O. BOX 265
OGDENSBURG, NY
U.S.A. 13669-0265

TEL: 888-670-8729 (USA & Canada) or +1-613-686-6675 (Intl)
FAX: 800-561-1970 (USA & Canada) or +1-613-686-6679 (Intl)

☒ BOX 5120, LCD MERIVALE
OTTAWA, ONTARIO
CANADA K2C 3H4

info@avtechpulse.com - http://www.avtechpulse.com/

PERFORMANCE CHECKSHEET

Model: AVN-1-C-N-OT-AT
Type: Ultra-High-Speed Pulse Generator
S.N.: 12392
Date: February 18, 2010

Max. Output Amplitude: -5V
Pulse Width (FWHM): 0.2 – 1 ns (< 200 MHz)
Rise Time (20%-80%): ≤ 100 ps
Fall Time (80%-20%): ≤ 150 ps (< 200 MHz)
PRF: 25 - 250 MHz
Jitter, Stability: OK
Prime Power: 100-240V AC, 50-60 Hz.

Basic specifications: →

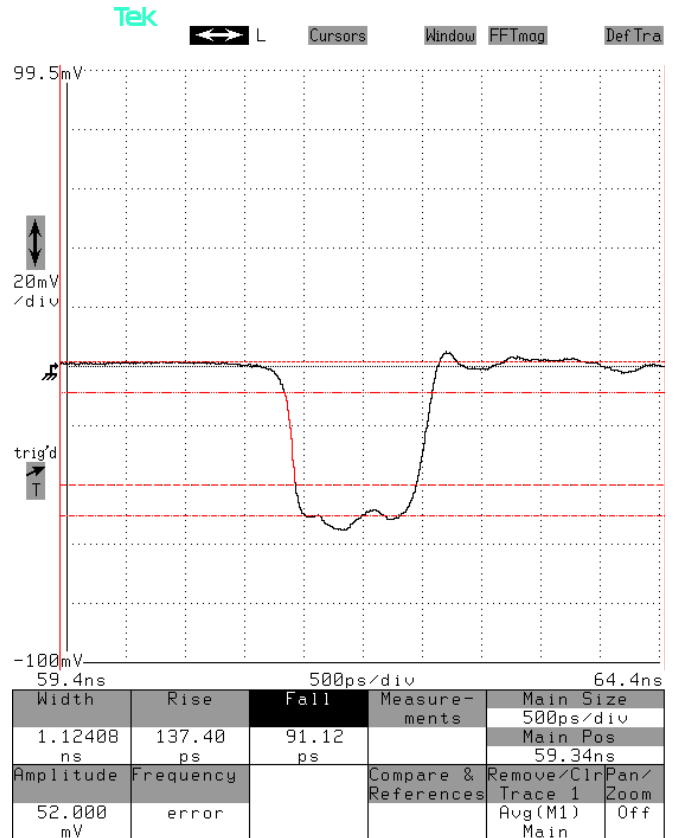
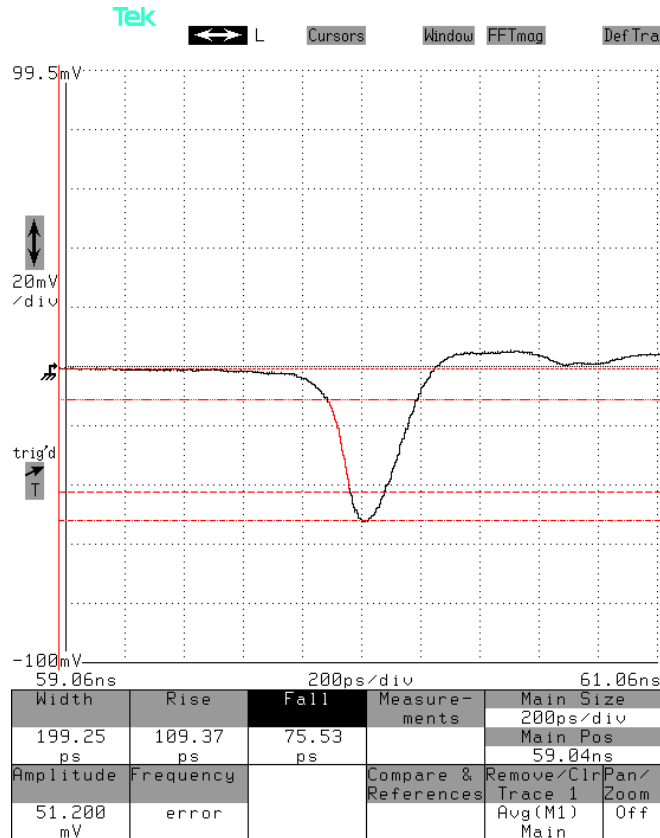
Test Waveforms

At 25 MHz and < 0.2 ns, > -5V:

At 25 MHz and > 1 ns, > -5V:

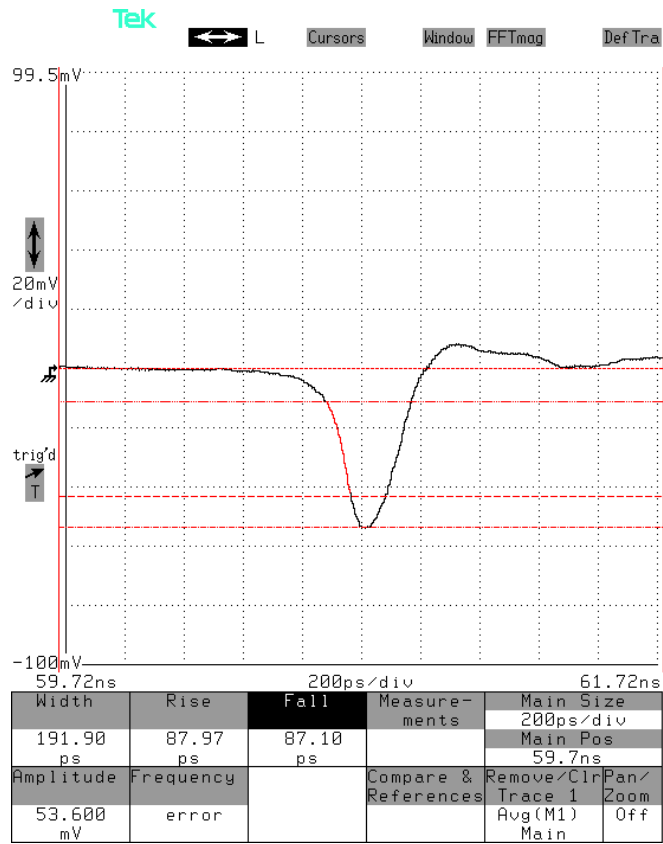
200 ps/div. 2 V/div (20 mV × 40 dB):

500 ps/div. 2 V/div (20 mV × 40 dB):



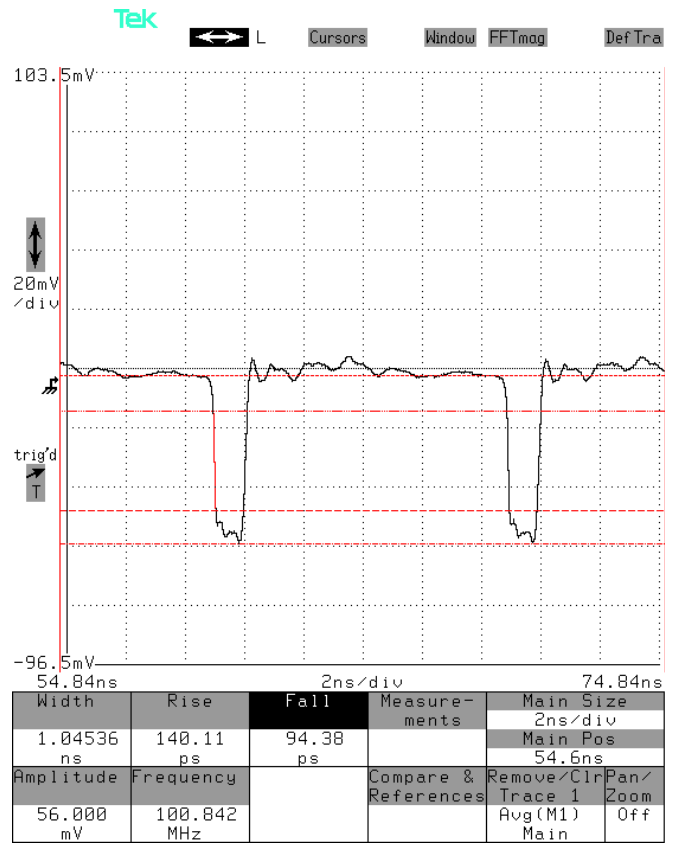
At 100 MHz and < 0.2 ns, > -5V:

200 ps/div. 2 V/div (20 mV × 40 dB):



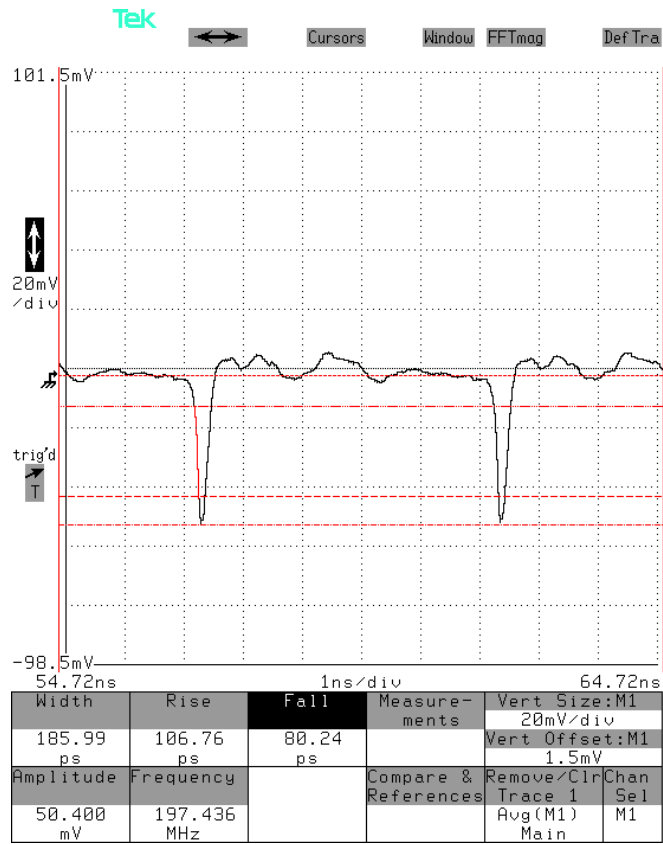
At 100 MHz and > 1 ns, > -5V:

2 ns/div. 2 V/div (20 mV × 40 dB):



At 200 MHz and < 0.2 ns, > -5V:

1 ns/div. 2 V/div (20 mV × 40 dB):



At 200 MHz and 0.7 ns, > -5V:

1 ns/div. 2 V/div (20 mV × 40 dB):

