



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-PN-AK8-OT-AC02
Type: Ultra-High-Speed Pulse Generator
S.N.: 12957
Date: December 5, 2012

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: 40 - 200 MHz
Jitter, Stability: OK
Prime Power: 100-240V AC, 50-60 Hz.

Basic specifications: →

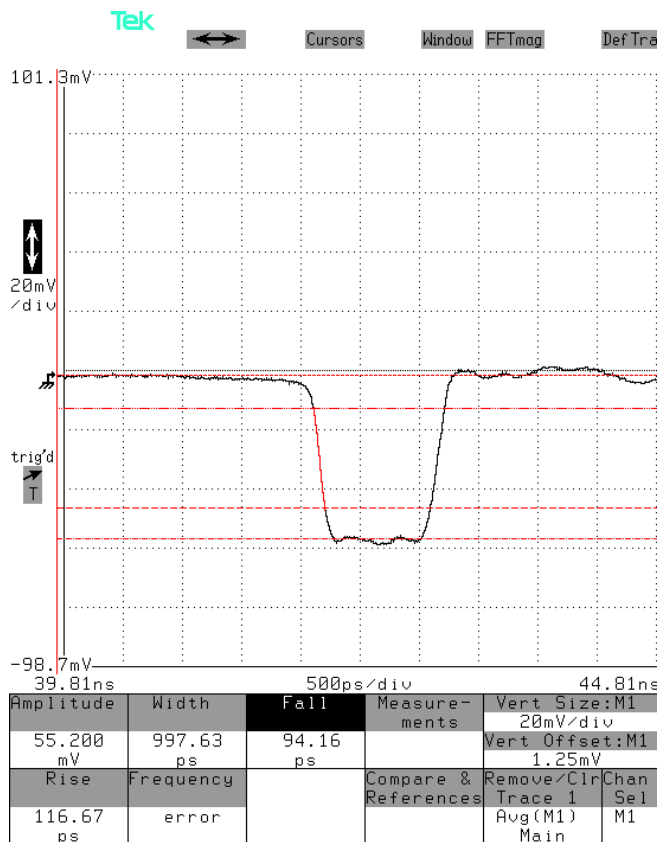
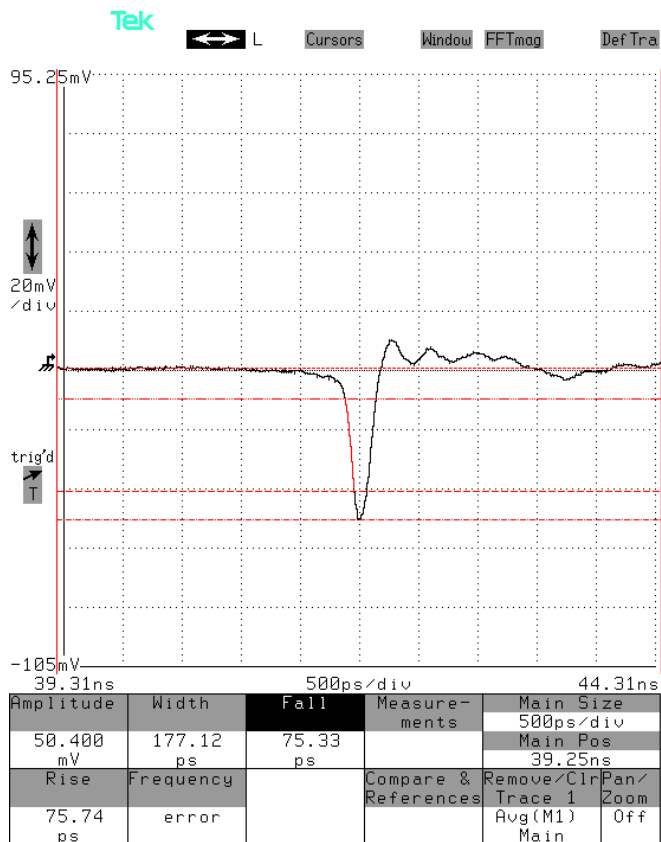
Test Waveforms

At 40 MHz and < 0.2 ns, > -5V:

At 40 MHz and 1 ns, > -5V:

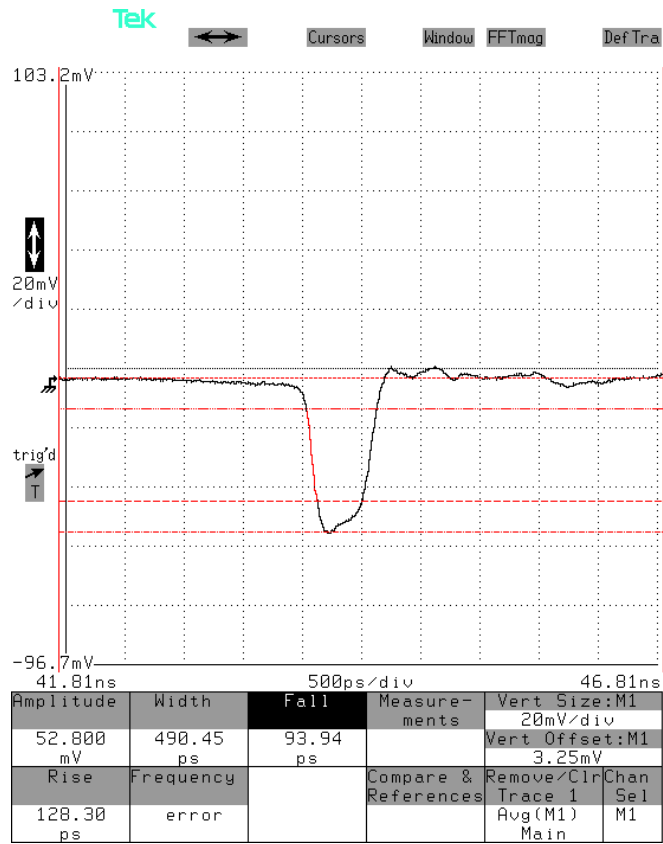
500 ps/div. 2 V/div (20 mV × 40 dB):

500 ps/div. 2 V/div (20 mV × 40 dB):



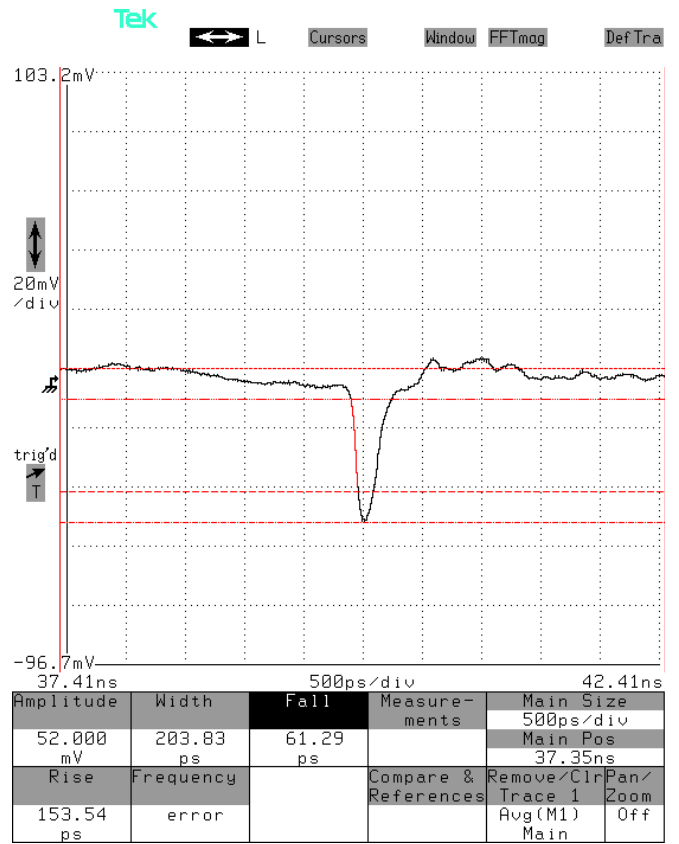
At 100 MHz and 0.5 ns, > -5V:

500 ps/div. 2 V/div (20 mV × 40 dB):



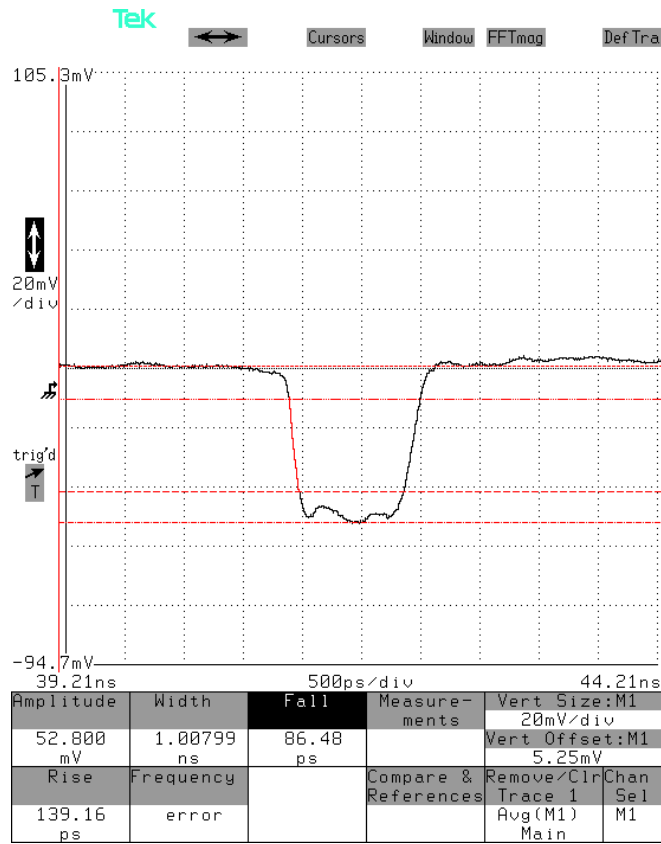
At 150 MHz and 0.2 ns, > -5V:

500 ps/div. 2 V/div (20 mV × 40 dB):



At 150 MHz and 1 ns, > -5V:

500 ps/div. 2 V/div (20 mV × 40 dB):



At 200 MHz and 0.75 ns, > -5V:

1 ns/div. 2 V/div (20 mV × 40 dB):

