



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 3H5

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

PERFORMANCE CHECKSHEET

Model: AVR-E2-B-W1-PN
Type: Ultra-High-Speed Pulse Generator
S.N.: 13116
Date: December 19, 2013

Output Amplitude: up to $\pm 50V$, to 50 Ω
Pulse Width (FWHM): 1 ns – 200 ns
Rise Time (20%-80%): ≤ 500 ps
Fall Time (80%-20%): ≤ 1 ns
PRF: 1 Hz - 200 kHz
Jitter, Stability: OK
Prime Power: 100-240V AC, 50-60 Hz.

Basic specifications: →

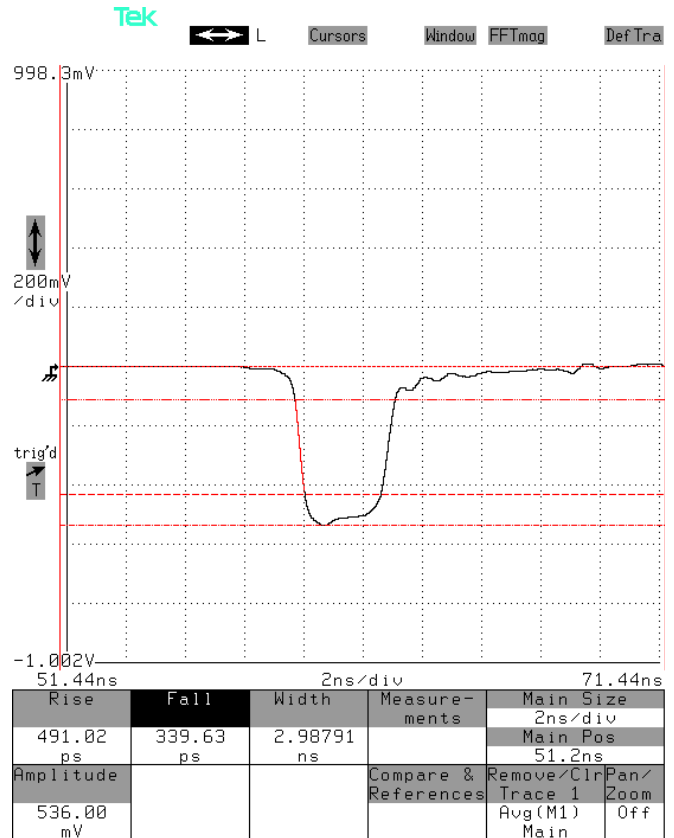
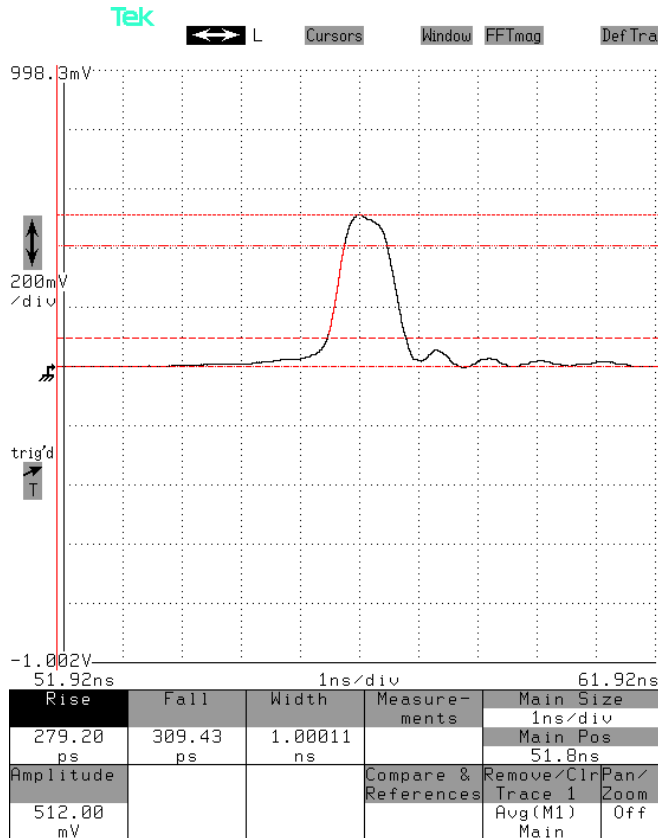
Test Waveforms

200 kHz, 1 ns, +50V,

200 kHz, 3 ns, -50V,

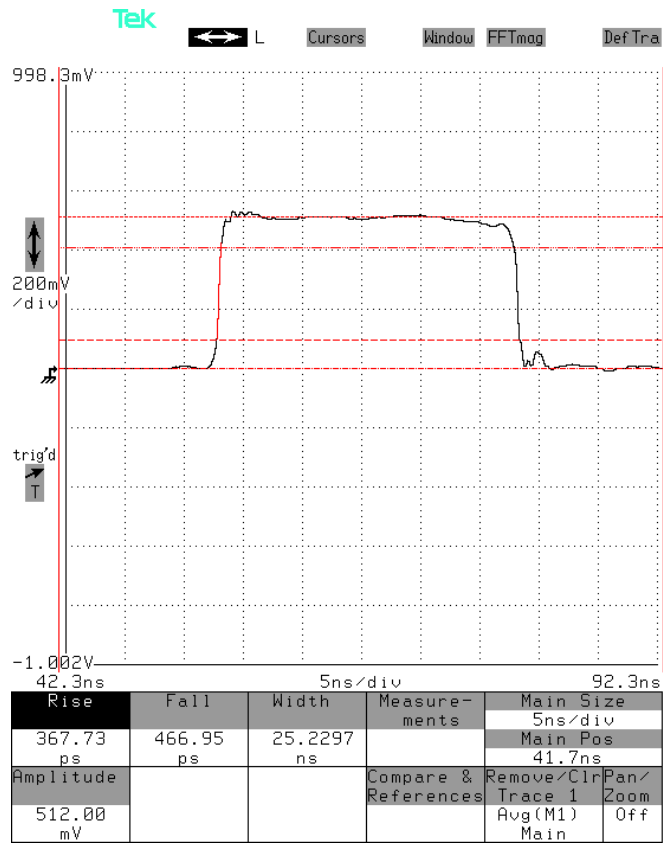
1 ns/div. 20 V/div (200 mV/div \times 40 dB):

2 ns/div. 20 V/div (200 mV/div \times 40 dB):



100 kHz, 25 ns, +50V,

5 ns/div. 20 V/div (200 mV/div × 40 dB):



100 kHz, 200 ns, -50V,

50 ns/div. 20 V/div (200 mV/div × 40 dB):

