



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-P-W3
Type: Ultra-High-Speed Pulse Generator
S.N.: 13006
Date: May 10, 2013

Output Amplitude: up to +50V, to 50Ω
Pulse Width (FWHM): 1 ns – 5 us
Rise Time (20%-80%): ≤ 500 ps
Fall Time (80%-20%): ≤ 500 ps
PRF: 1 Hz - 20 kHz
Jitter, Stability: OK
Prime Power: 100-240V AC, 50-60 Hz.

Basic specifications: →

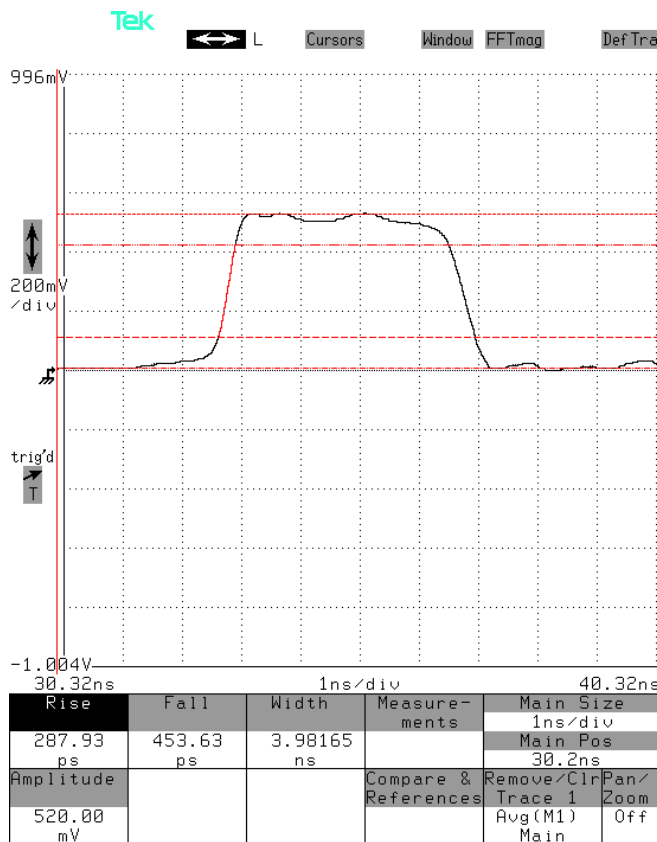
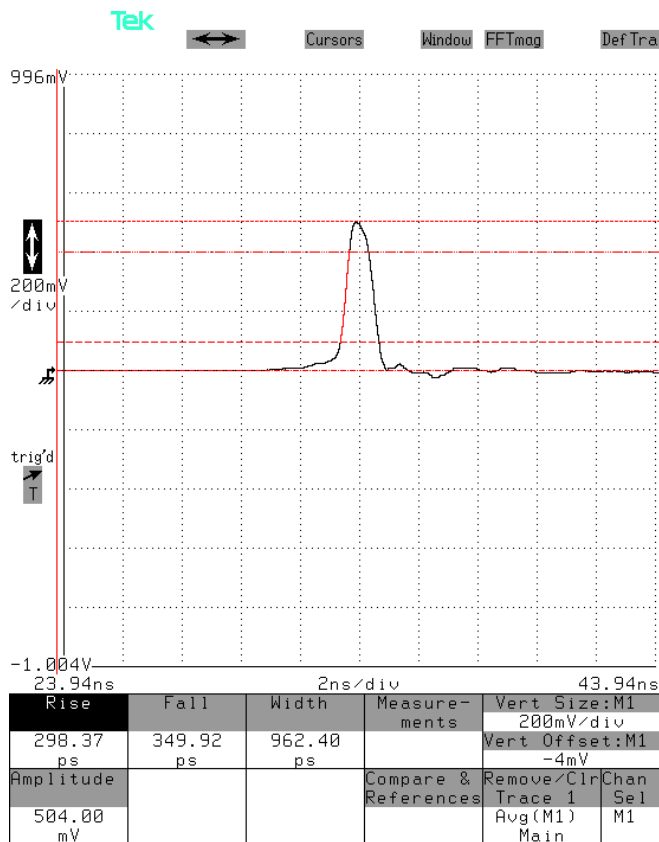
Test Waveforms

20 kHz, 1 ns, +50V,

20 kHz, 4 ns, +50V,

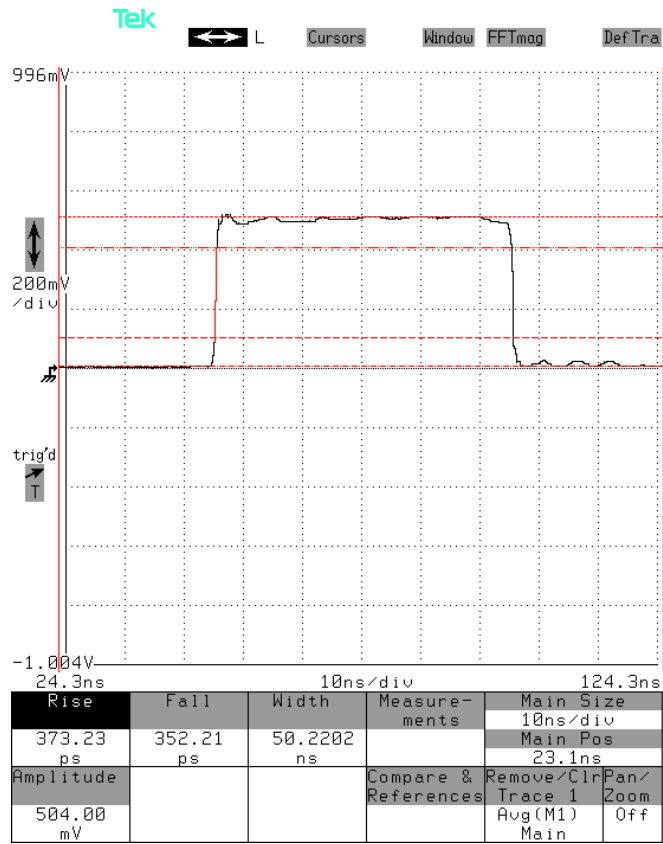
2 ns/div. 20 V/div (200 mV/div × 40 dB):

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



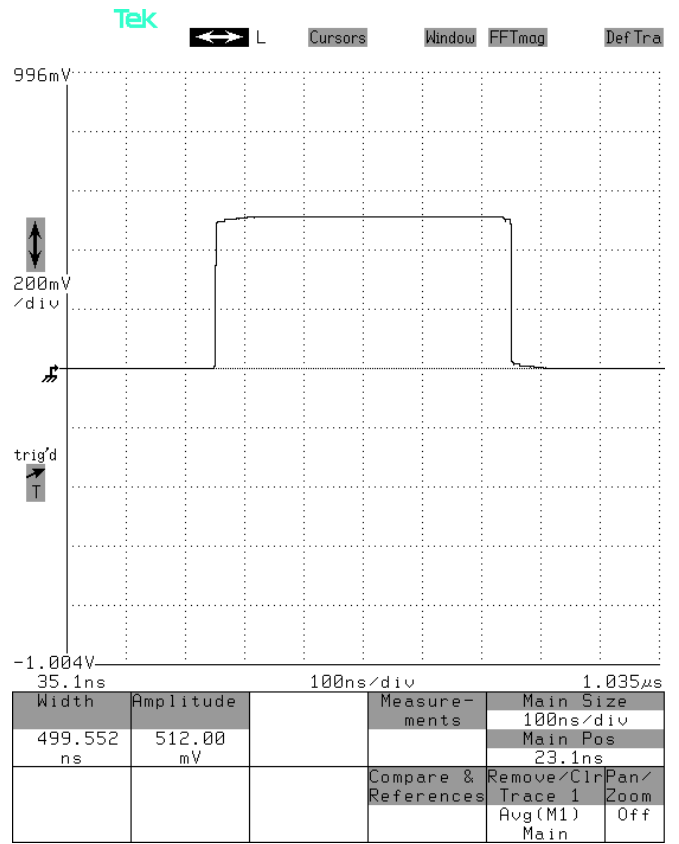
20 kHz, 50 ns, +50V,

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



20 kHz, 500 ns, +50V,

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



10 kHz, 5 us, +50V,

1 us/div. 20 V/div (200 mV/div × 40 dB):

