



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: AVPP-2A-B-P-R5
Type: Ultra-High-Speed Pulse Generator
S.N.: 13163
Date: June 5, 2014

Output Amplitude: up to +20V, to 50Ω
Pulse Width (FWHM): < 0.6 ns to 1 us
Rise Time (20%-80%): ≤ 200 ps
Fall Time (80%-20%): ≤ 200 ps / 350 ps
PRF: 1 Hz - 100 kHz
Jitter, Stability: OK
Prime Power: 100-240V AC, 50-60 Hz.

Basic specifications: →

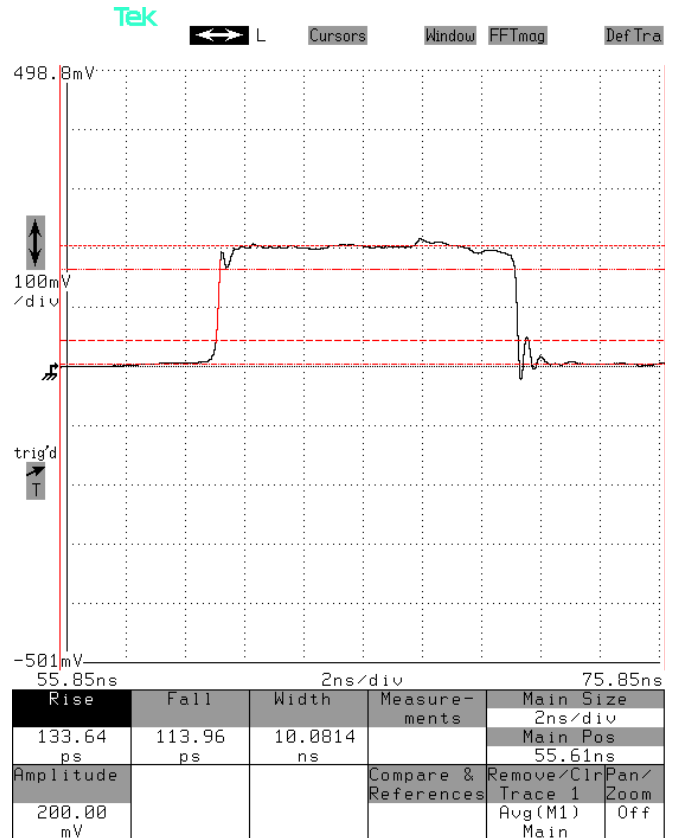
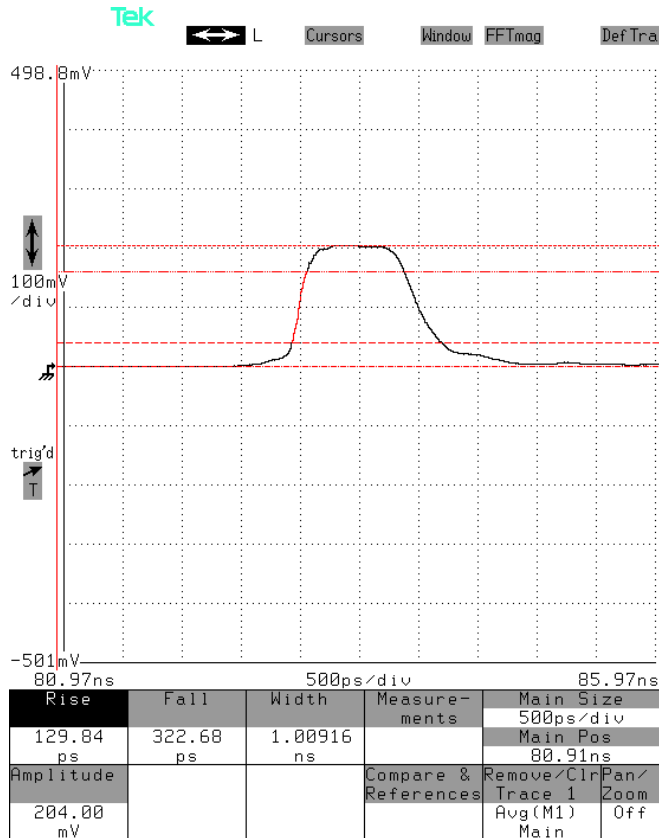
Test Waveforms

10 kHz, 1 ns, +20V,

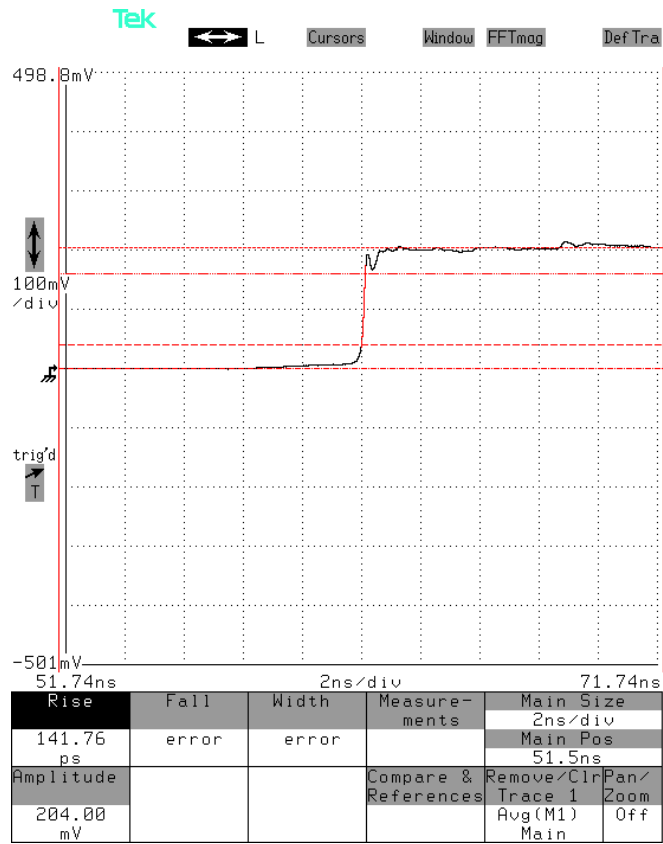
10 kHz, 10 ns, +20V,

500 ps/div. 10 V/div (100 mV/div × 40 dB):

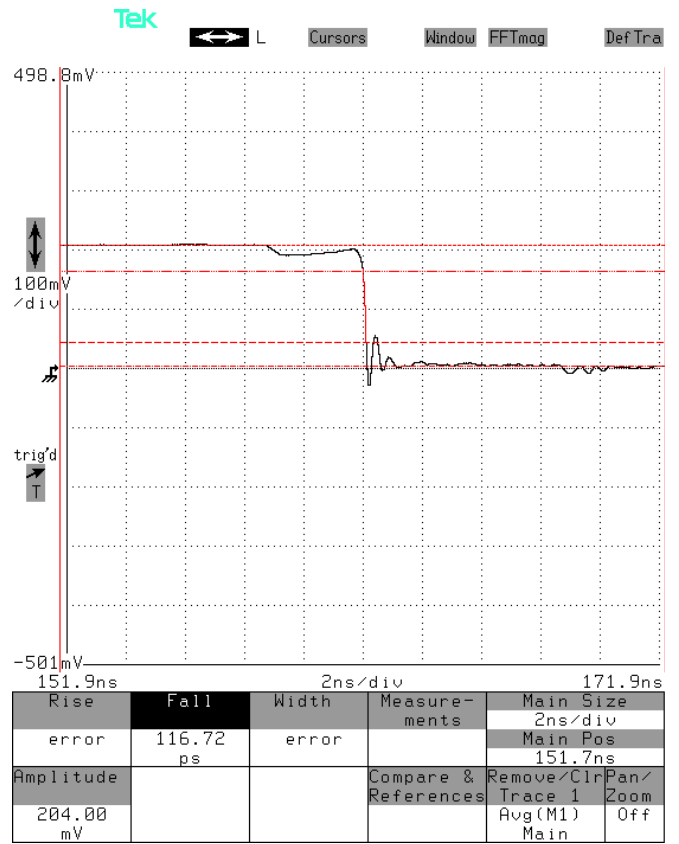
2 ns/div. 10 V/div (100 mV/div × 40 dB):



Leading edge at 10 kHz, 100 ns, +20V,
2 ns/div. 10 V/div (100 mV/div × 40 dB):



Falling edge at 10 kHz, 100 ns, +20V,
2 ns/div. 10 V/div (100 mV/div × 40 dB):



10 kHz, 1 us, +20V,

200 ns/div. 10 V/div (100 mV/div \times 40 dB):

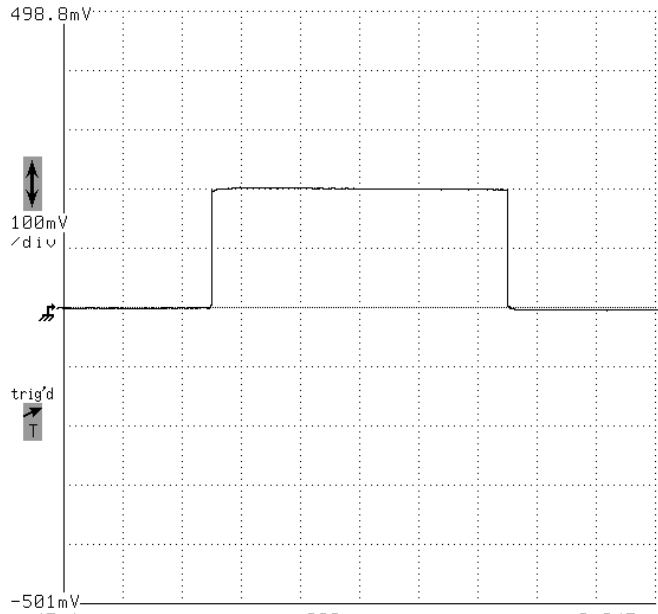
Tek

L

Cursors

Window FFTMag

Def Tra



Width	Amplitude		Measurements	Main Size
1.00006 μs	208.00 mV			200ns/div
				Main Pos
				23.1ns
			Compare & References	Remove/Clear Trace 1
				Pan/Zoom
				Avg(M1)
				Main
				Off