

AVTECH ELECTROSYSTEMS LTD.

NANOSECOND WAVEFORM ELECTRONICS
SINCE 1975

□ P.O. BOX 265
OGDENSBURG, NY
U.S.A. 13669-0265
TEL: (315) 472-5270
FAX: (315) 883-1328

TEL: 1-800-265-6681
FAX: 1-800-561-1970

e-mail: info@avtechpulse.com
<http://www.avtechpulse.com/>

☒ BOX 5120, LCD MERIVALE
OTTAWA, ONTARIO
CANADA K2C 3H4
TEL: (613) 226-5772
FAX: (613) 226-2802

PERFORMANCE CHECKSHEET

Model: AVMP-4-B-PN
Type: Ultra-High-Speed Pulse Generator
S.N.: 11524
Date: June 7, 2006

Output Amplitude: 0 to $\pm 10V$, to 50 Ω
Pulse Width (FWHM): 10 ns – 10 μ s
Rise Time (20%-80%): ≤ 200 ps
Fall Time (80%-20%): ≤ 200 ps
PRF: 1 Hz - 1 MHz
Jitter, Stability: OK
Prime Power: 100-240V AC, 50-60 Hz.

Basic specifications: →

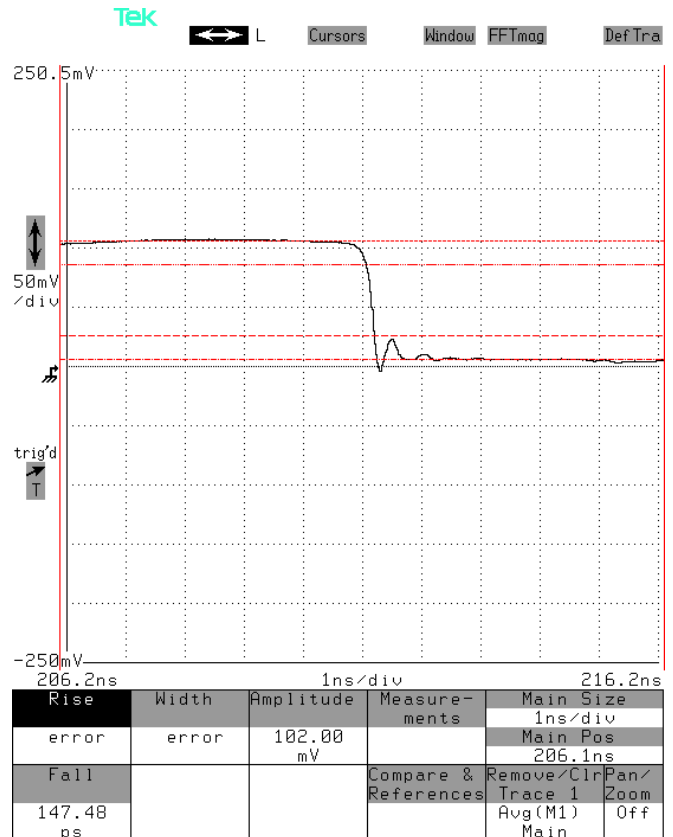
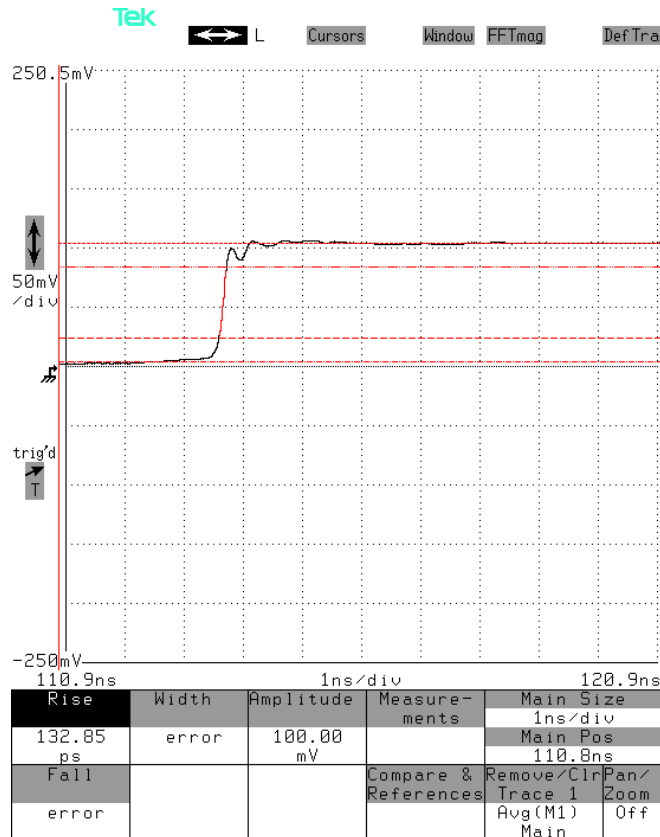
Test Waveforms

Leading edge at 10 kHz, 100 ns, +10V,

Trailing edge at 10 kHz, 100 ns, +10V,

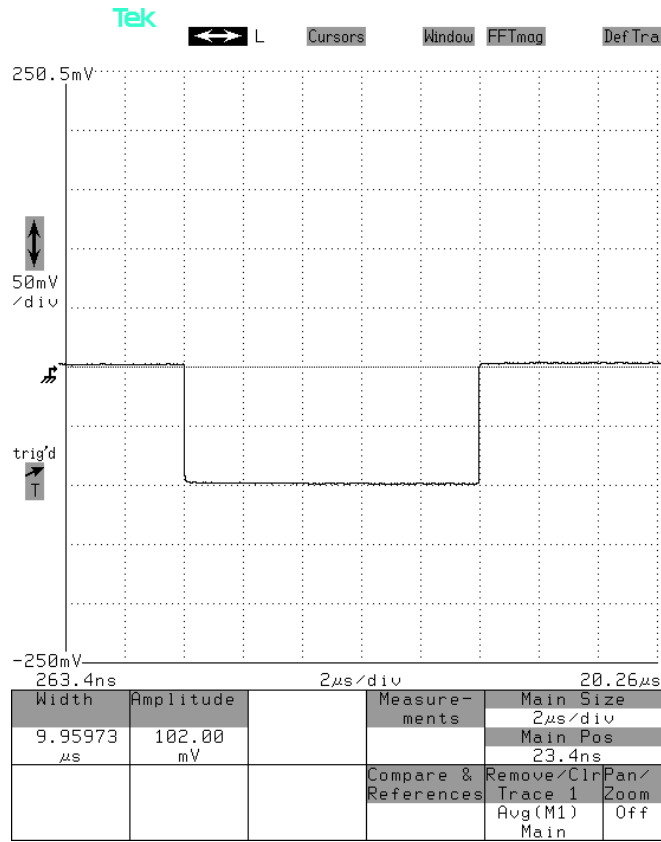
1 ns/div. 5 V/div (50 mV \times 40 dB):

1 ns/div. 5 V/div (50 mV \times 40 dB):



Full pulse at 1 kHz, 10 us, -10V,

2 us/div. 5 V/div (50 mV × 40 dB):



Leading edge at 10 kHz, 1 us, -10V,

1 ns/div. 5 V/div (50 mV × 40 dB):

