



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 +1-613-226-5772 (Intl)
FAX: 800-561-1970 (USA & Canada) or +1-613-226-2802 (Intl)

BOX 5120, LCD MERIVALE
OTTAWA, ONTARIO
CANADA K2C 3H4

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

PERFORMANCE CHECKSHEET

Model: AVP-AV-1-B-AK1-TNT-EA-EO-PN-M
Type: Ultra-High-Speed Pulse Generator
S.N.: 12077
Date: September 23, 2008

Output Amplitude: 0 to $\pm 10V$, to 50Ω
Pulse Width (FWHM): 0.4 – 4 ns
Rise Time (20%-80%): ≤ 150 ps
Fall Time (80%-20%): ≤ 300 ps
PRF: 1 MHz maximum
Jitter, Stability: OK
Prime Power: 100-240V AC, 50-60 Hz.

Basic specifications: →

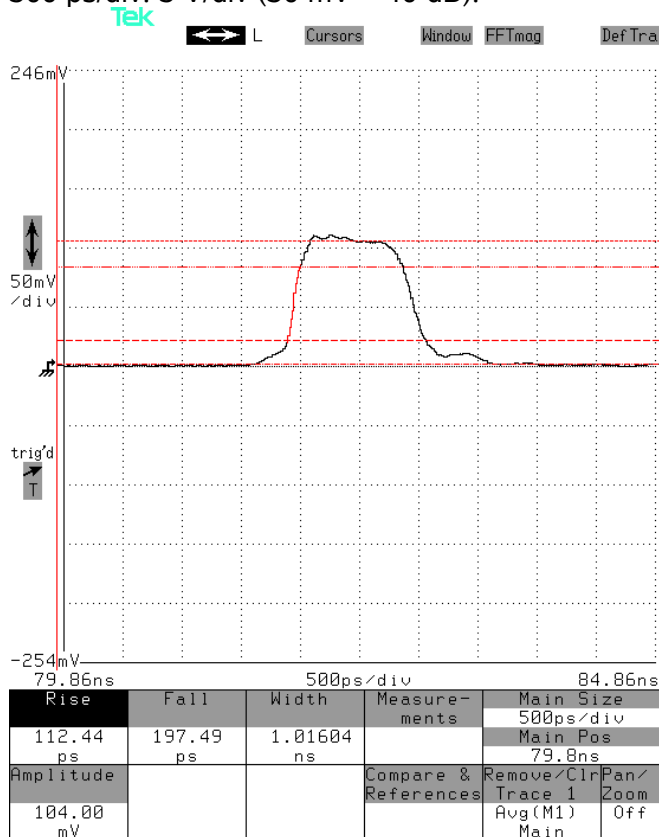
Test Waveforms

1 ns, +10V, 100 kHz.

4 ns, +10V, 100 kHz.

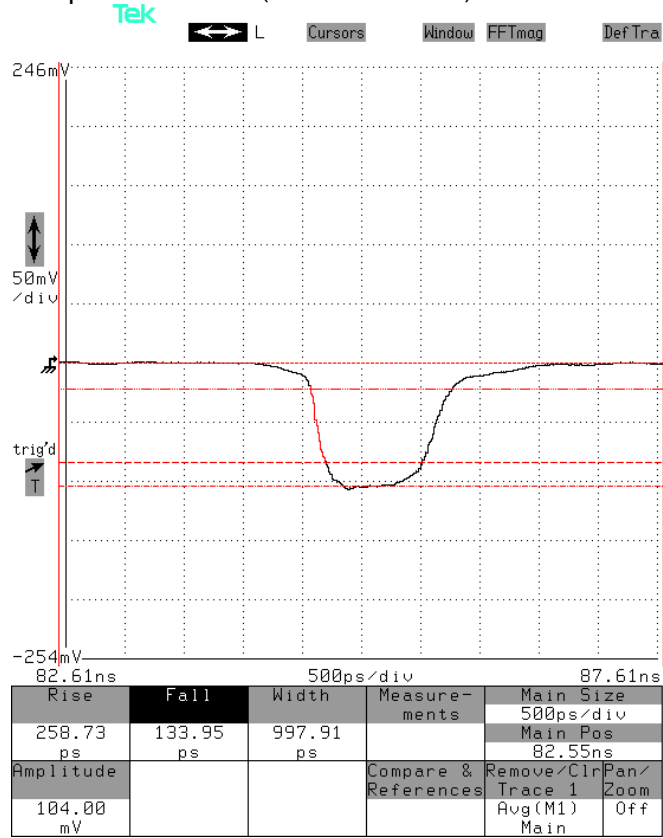
500 ps/div. 5 V/div (50 mV \times 40 dB):

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



1 ns, -10V, 100 kHz.

500 ps/div. 5 V/div (50 mV × 40 dB):



4 ns, -10V, 100 kHz.

1 ns/div. 5 V/div (50 mV × 40 dB):

