



# 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: AVMP-3-B-P-OT-ELA-R5  
Type: Ultra-High-Speed Pulse Generator  
S.N.: 11160 (recalibration)  
Date: September 22, 2008

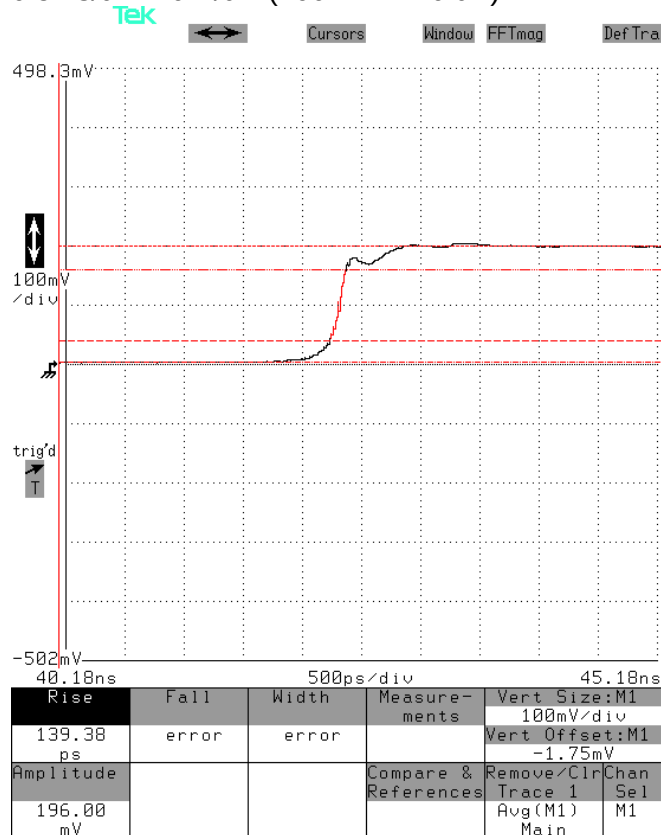
Output Amplitude: 0 to  $\pm 20V$ , to  $50\Omega$   
Pulse Width (FWHM): 8 – 100 ns  
Rise Time (20%-80%):  $\leq 200$  ps  
Fall Time (80%-20%):  $\leq 300$  ps  
PRF: 1 Hz - 1 MHz  
Jitter, Stability: OK  
Prime Power: 100-240V AC, 50-60 Hz.

Basic specifications: →

### Test Waveforms

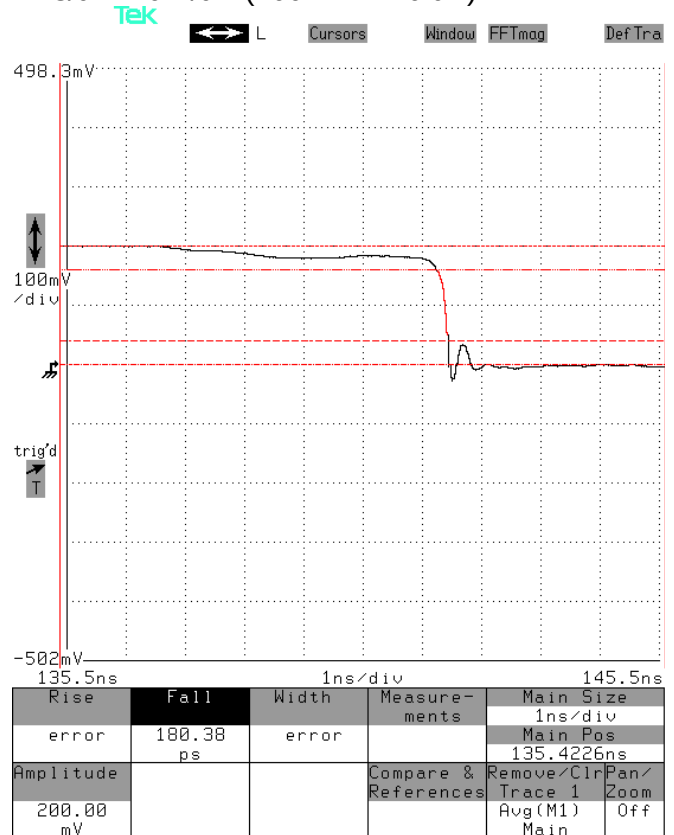
Leading edge at 100 kHz, 80 ns, +20V,

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



Trailing edge at 100 kHz, 80 ns, +20V,

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



Full pulse at 100 kHz, 80 ns, +20V,

10 ns/div. 10 V/div (100 mV × 40 dB):

