



# 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: AVMR-1A-B-P  
Type: Ultra-High-Speed Pulse Generator  
S.N.: 11873  
Date: October 26, 2007

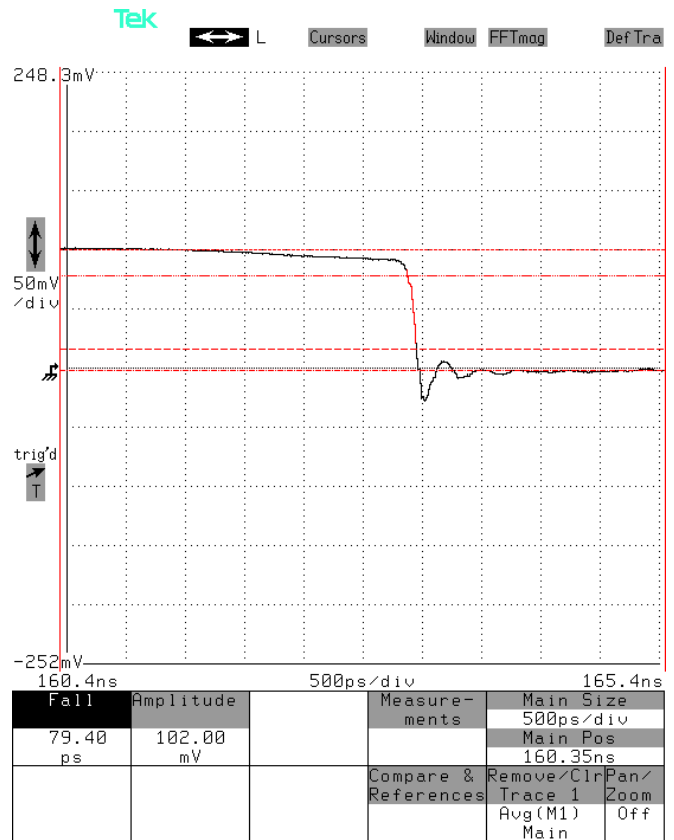
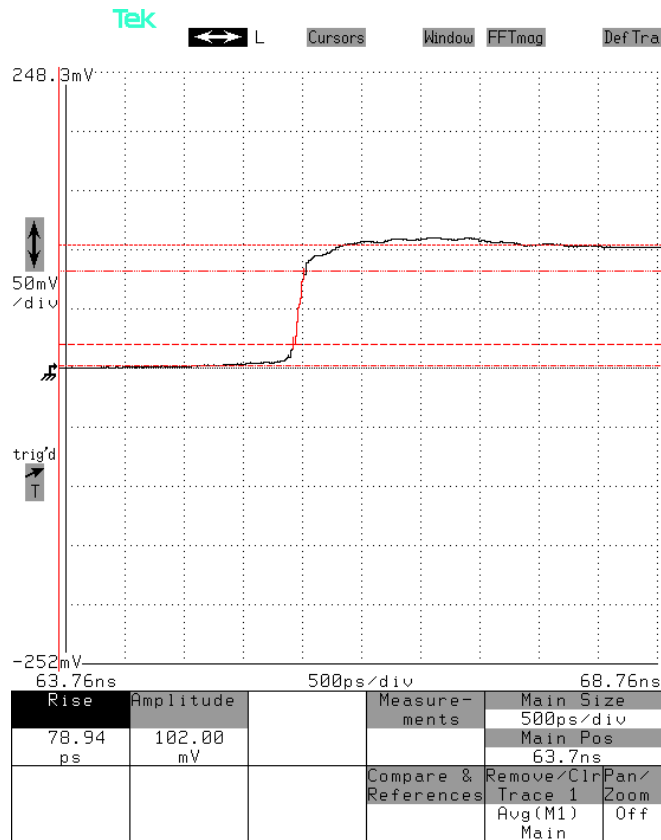
Output Amplitude: 0 to +10V, to 50Ω  
Pulse Width (FWHM): 10 – 200 ns  
Rise Time (20%-80%): < 150 ps  
Fall Time (80%-20%): < 150 ps  
PRF: 1 Hz - 10 MHz  
Jitter, Stability: OK  
Prime Power: 100-240V AC, 50-60 Hz.

Basic specifications: →

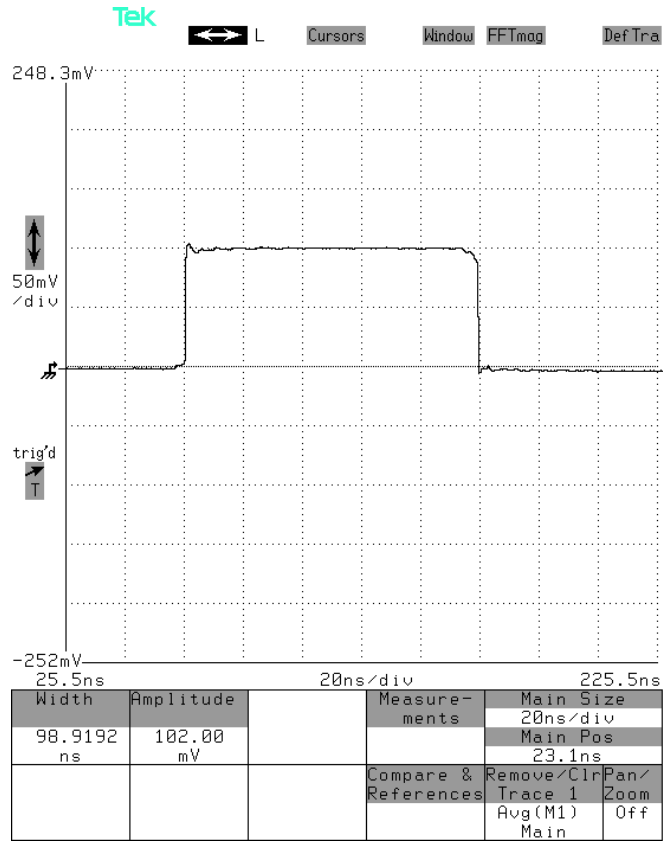
### Test Waveforms

Leading edge at 100 kHz, 100 ns PW, +10V,  
500 ps/div. 5 V/div (50 mV × 40 dB):

Trailing edge at 100 kHz, 100 ns PW, +10V,  
500 ps/div. 5 V/div (50 mV × 40 dB):



Full pulse at 100 kHz, 100 ns PW, +10V,  
20 ns/div. 5 V/div (50 mV × 40 dB):



Full pulse at 100 kHz, 10 ns PW, +10V,  
2 ns/div. 5 V/div (50 mV × 40 dB):

