



# AVTECH ELECTROSYSTEMS LTD.

NANOSECOND WAVEFORM ELECTRONICS  
SINCE 1975

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## PERFORMANCE CHECKSHEET

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

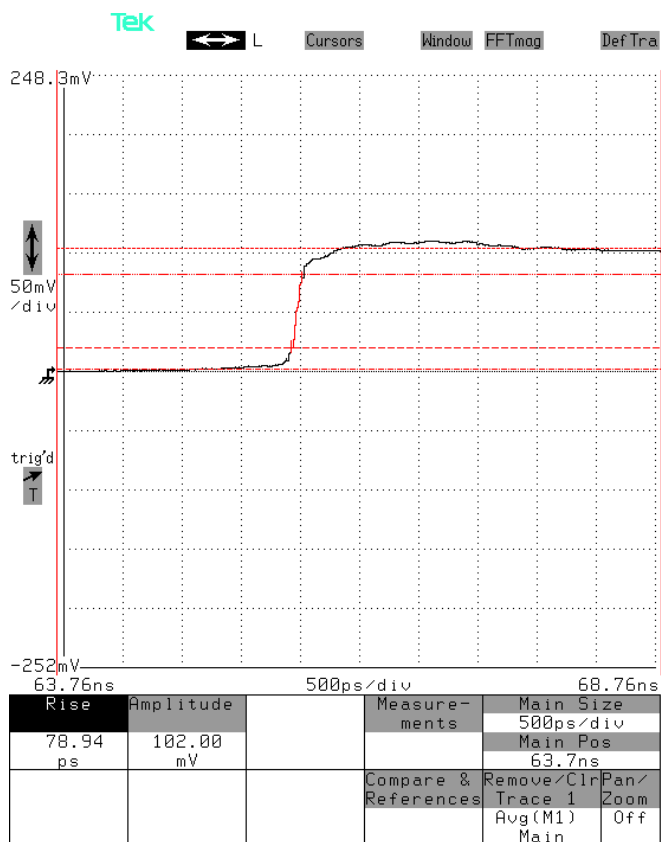
Output Amplitude: 0 to +10V, to 50Ω  
Pulse Width (FWHM): 10 – 200 ns  
Rise Time (20%-80%): < 150 ps  
Fall Time (80%-20%): < 150 ps  
PRF: 1 Hz - 10 MHz  
Jitter, Stability: OK  
Prime Power: 100-240V AC, 50-60 Hz.

Basic specifications: →

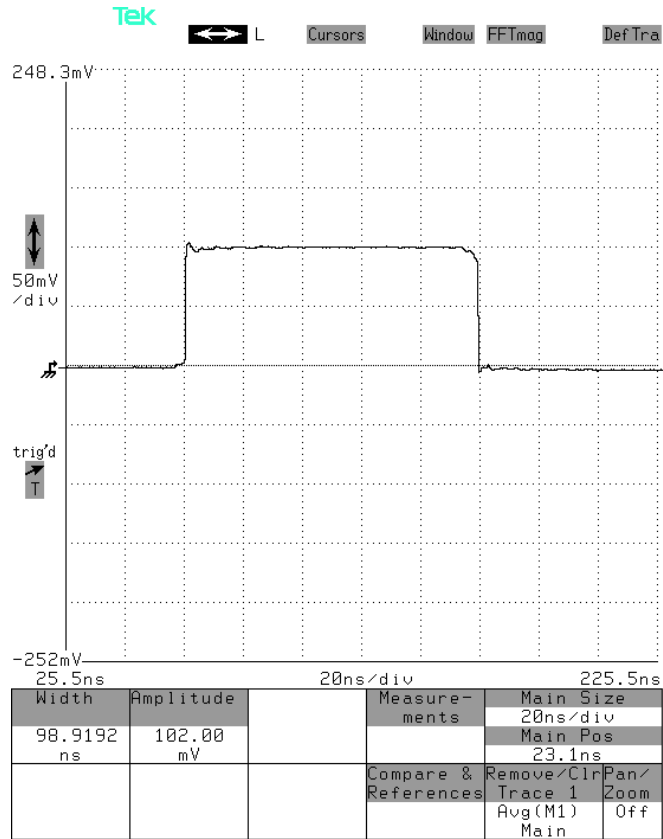
### Test Waveforms

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):

