



# AVTECH ELECTROSYSTEMS LTD.

NANOSECOND WAVEFORM ELECTRONICS  
SINCE 1975

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## PERFORMANCE CHECKSHEET

Model: AVM-6-B-N-AK1  
Type: Ultra-High-Speed Pulse Generator  
S.N.: 13005  
Date: April 26, 2013

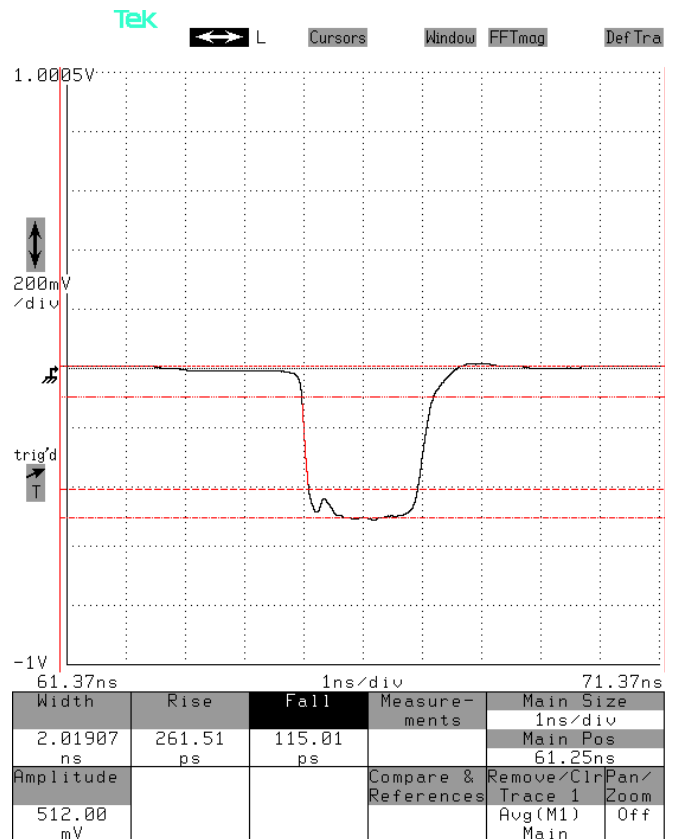
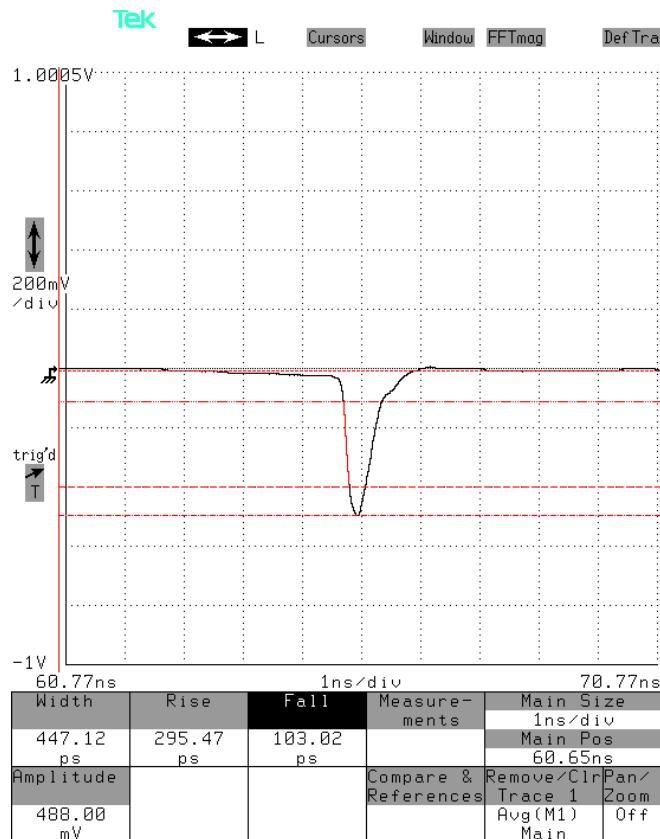
Output Amplitude: up to -5V, to 50Ω  
Pulse Width (FWHM): 0.5 to 10 ns  
Rise Time (20%-80%): ≤ 120 ps  
Fall Time (80%-20%): ≤ 300 ps  
PRF: 1 Hz - 10 MHz  
Jitter, Stability: OK  
Prime Power: 100-240V AC, 50-60 Hz.

Basic specifications: →

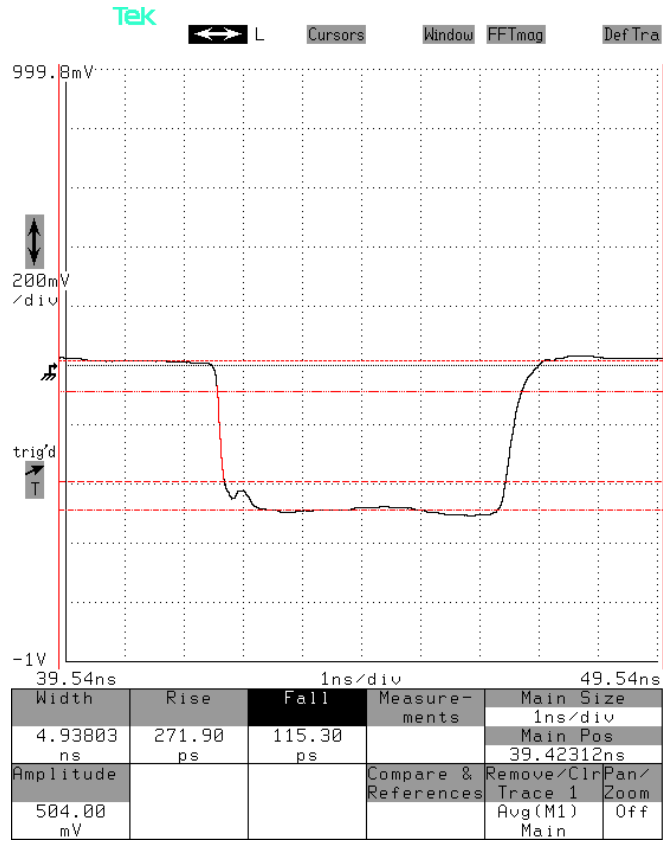
### Test Waveforms

1 MHz, < 500 ps, -5V.  
1 ns/div. 2 V/div (200 mV × 20 dB):

10 MHz, 2 ns, -5V.  
1 ns/div. 2 V/div (200 mV × 20 dB):



10 MHz, 5 ns , -5V.  
 1 ns/div. 2 V/div (200 mV × 20 dB):



10 kHz, 10 ns , -5V.  
 2 ns/div. 2 V/div (200 mV × 20 dB):

