



# AVTECH ELECTROSYSTEMS LTD.

NANOSECOND WAVEFORM ELECTRONICS  
SINCE 1975

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## PERFORMANCE CHECKSHEET

Model: AVM-4-B-AC02-ATA3-AK1-AK8-VXI-PN-R5-M-2YW  
S.N.: 13227  
Type: Ultra-High-Speed Pulse Generator  
Date: January 7, 2015

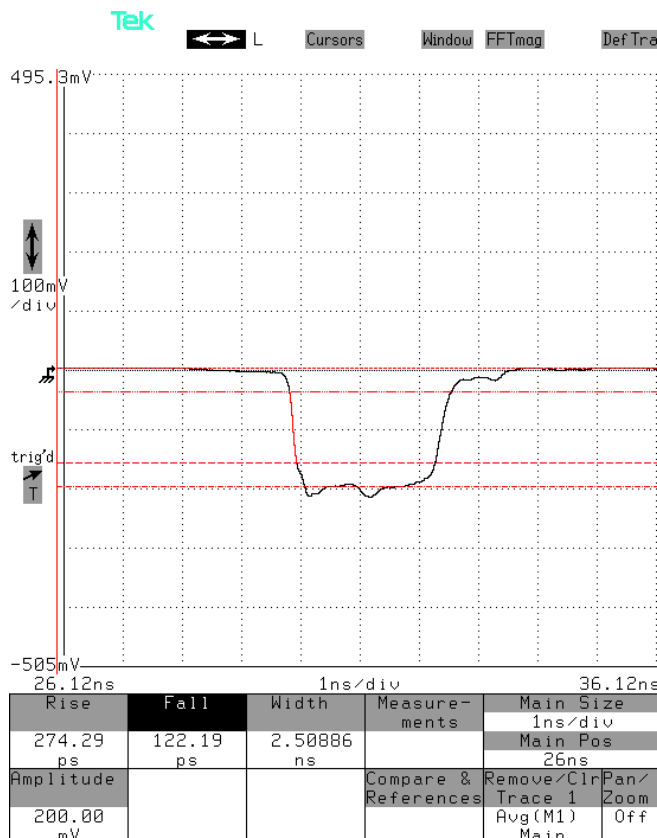
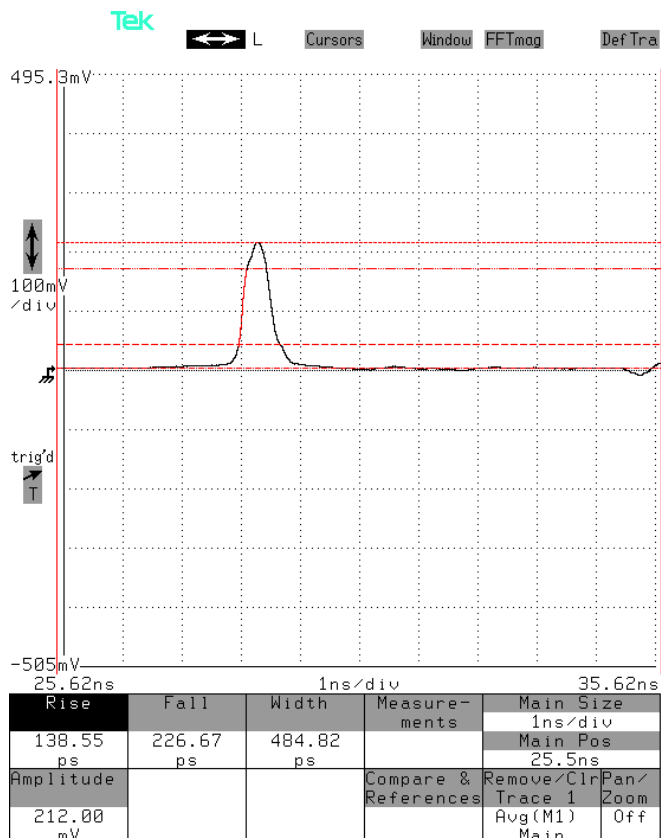
Output Amplitude: up to  $\pm 20V$ , to 50 $\Omega$   
Pulse Width (FWHM): 0.5 to 5 ns  
Rise Time (20%-80%):  $\leq 150$  ps  
Fall Time (80%-20%):  $\leq 300$  ps  
PRF: 1 Hz - 10 MHz  
Jitter, Stability: OK  
Prime Power: 100-240V AC, 50-60 Hz.

Basic specifications: →

### Test Waveforms

1 MHz, < 500 ps, > -20V.  
1 ns/div. 10 V/div (100 mV/div  $\times$  40 dB):

1 MHz, 2.5 ns, -20V.  
1 ns/div. 10 V/div (100 mV/div  $\times$  40 dB):



10 kHz, 5 ns, +20V.  
 1 ns/div. 10 V/div (100 mV/div × 40 dB):

