



# AVTECH ELECTROSYSTEMS LTD.

NANOSECOND WAVEFORM ELECTRONICS  
SINCE 1975

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BOX 5120, LCD MERIVALE  
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CANADA K2C 3H4

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## PERFORMANCE CHECKSHEET

Model: AVMP-2A-B-AK1-PN-R5-M  
Type: Ultra-High-Speed Pulse Generator  
S.N.: 12056  
Date: August 28, 2008

Output Amplitude: 0 to  $\pm 10V$ , to 50 $\Omega$   
Pulse Width (FWHM): 7 ns – 1  $\mu s$   
Rise Time (20%-80%):  $\leq 200$  ps  
Fall Time (80%-20%):  $\leq 300$  ps  
PRF: 1 Hz - 500 kHz  
Jitter, Stability: OK  
Prime Power: 100-240V AC, 50-60 Hz.

Basic specifications: →

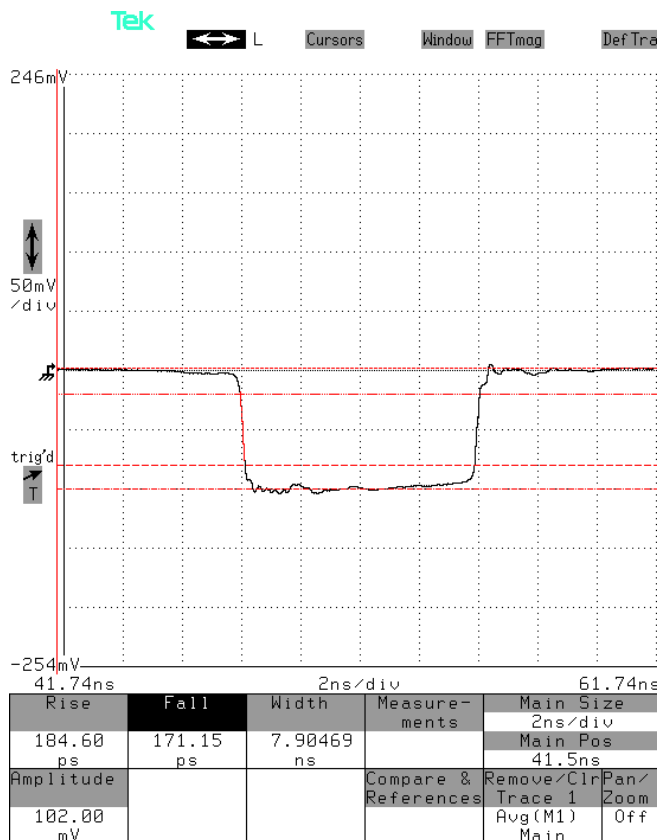
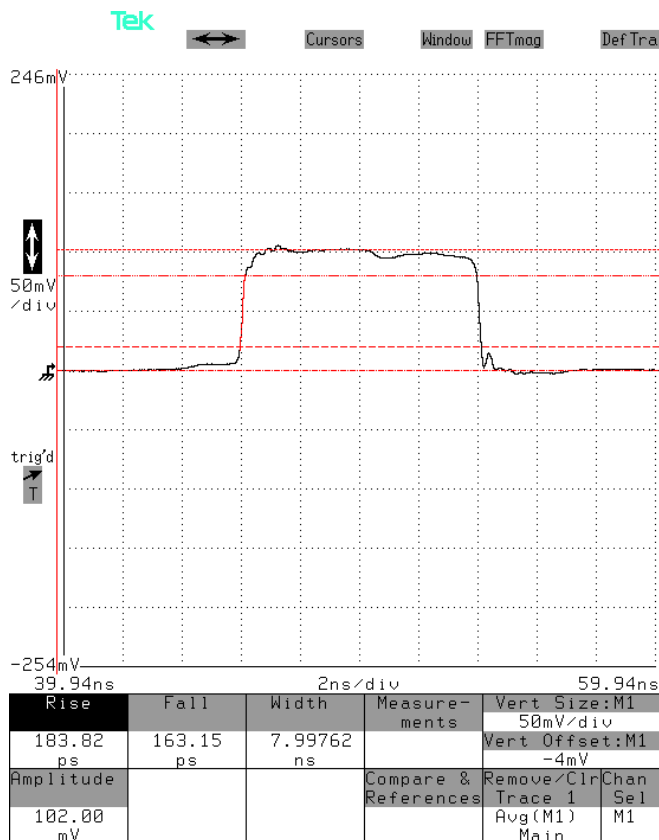
### Test Waveforms

500 kHz, 8 ns, +10V,

2 ns/div. 5 V/div (50 mV  $\times$  40 dB):

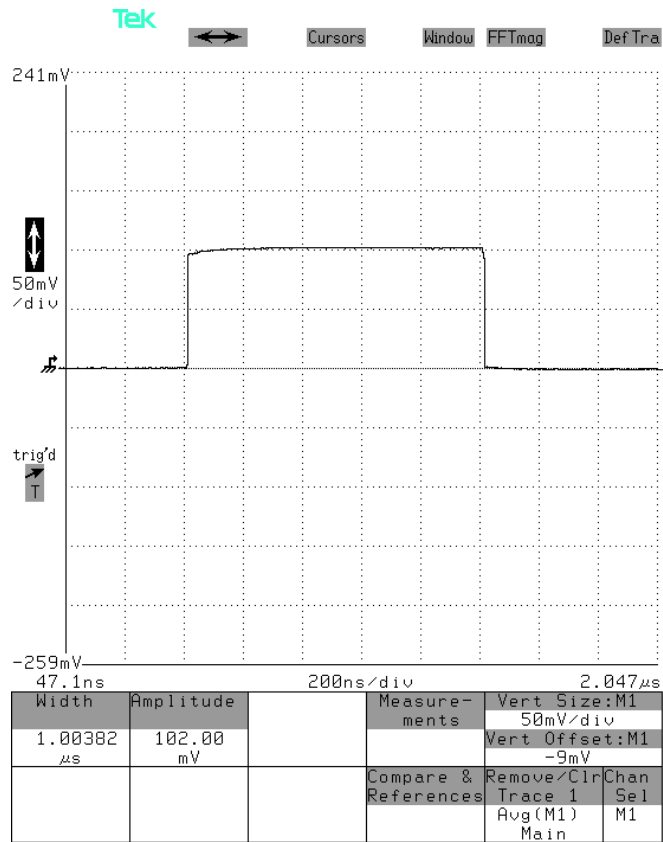
500 kHz, 8 ns, -10V,

2 ns/div. 5 V/div (50 mV  $\times$  40 dB):



50 kHz, 1 us, +10V,

200 ns/div. 5 V/div (50 mV × 40 dB):



50 kHz, 1 us, -10V,

200 ns/div. 5 V/div (50 mV × 40 dB):

