



# AVTECH ELECTROSYSTEMS LTD.

NANOSECOND WAVEFORM ELECTRONICS  
SINCE 1975

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BOX 5120, LCD MERIVALE  
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## PERFORMANCE CHECKSHEET

Model: AVMP-3-B-P-OT-ELA-R5  
Type: Ultra-High-Speed Pulse Generator  
S.N.: 11161 (re-calibration)  
Date: September 6, 2006

Output Amplitude: 0 to  $\pm 20V$ , to  $50\Omega$   
Pulse Width (FWHM): 8 – 100 ns  
Rise Time (20%-80%):  $\leq 200$  ps  
Fall Time (80%-20%):  $\leq 300$  ps  
PRF: 1 Hz - 1 MHz  
Jitter, Stability: OK  
Prime Power: 100-240V AC, 50-60 Hz.

Basic specifications: →

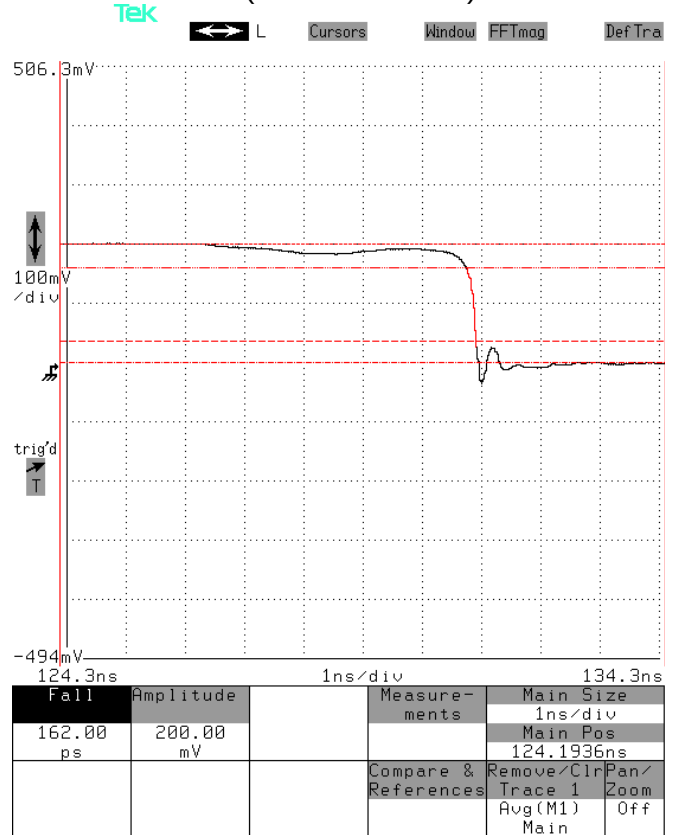
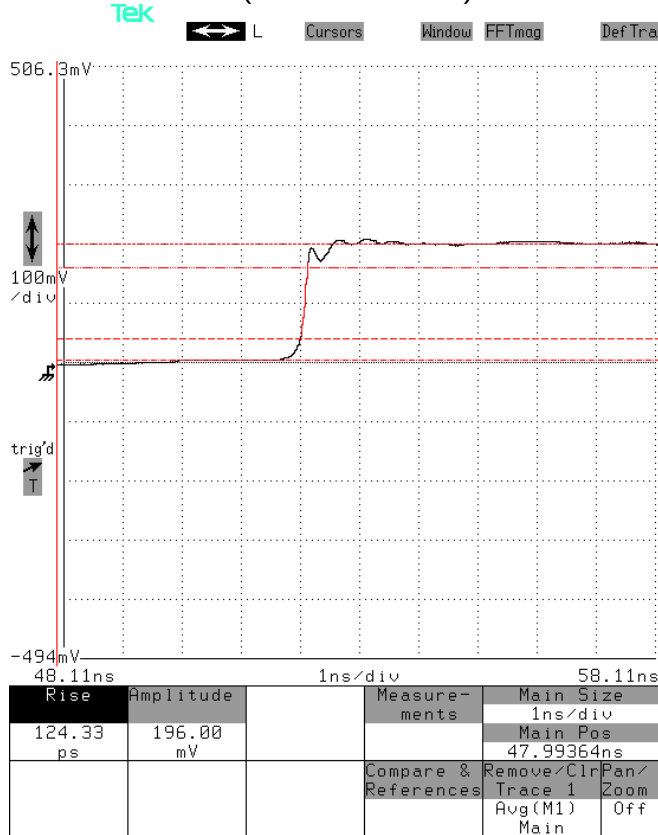
### Test Waveforms

Leading edge at 100 kHz, 80 ns, +20V,

Trailing edge at 100 kHz, 80 ns, +20V,

1 ns/div. 10 V/div (100 mV  $\times$  40 dB):

1 ns/div. 10 V/div (100 mV  $\times$  40 dB):



Full pulse at 100 kHz, 80 ns, +20V,

10 ns/div. 10 V/div (100 mV × 40 dB):

