



# AVTECH ELECTROSYSTEMS LTD.

NANOSECOND WAVEFORM ELECTRONICS  
SINCE 1975

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BOX 5120, LCD MERIVALE  
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## PERFORMANCE CHECKSHEET

Model: AVPP-1-C-EO-P  
Type: Ultra-High-Speed Pulse Generator  
S.N.: 12629  
Date: April 20, 2011

Output Amplitude: up to +10V, to 50Ω  
Pulse Width (FWHM): 0.2 to 100 ns  
Rise Time (20%-80%): ≤ 100 ps  
Fall Time (80%-20%): ≤ 120 or 350 ps  
PRF: 1 Hz - 1 MHz  
Jitter, Stability: OK  
Prime Power: 100-240V AC, 50-60 Hz.

Basic specifications: →

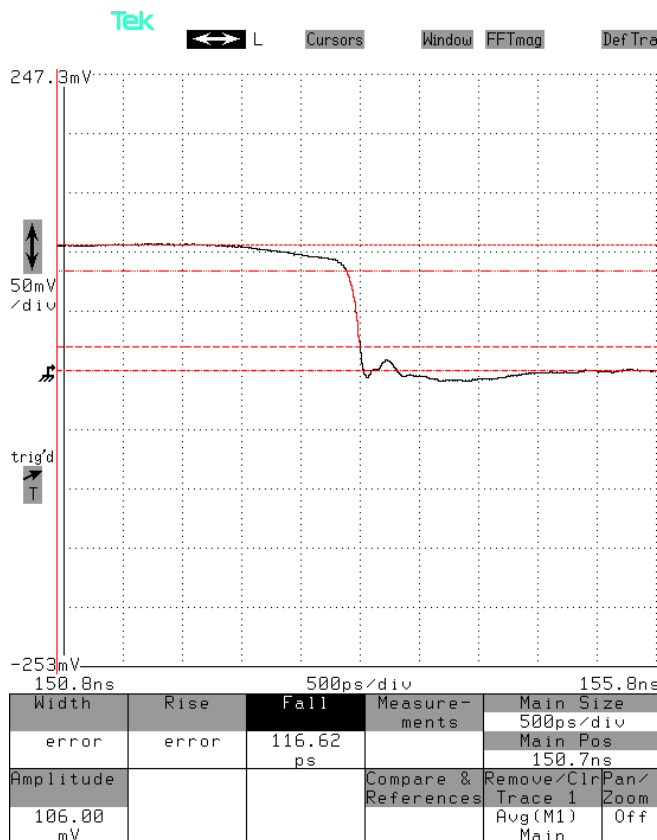
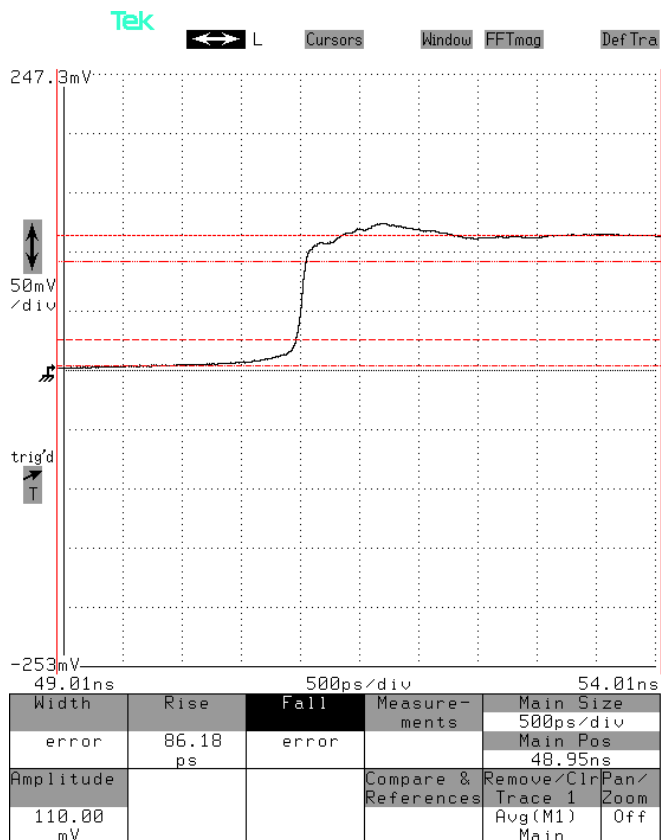
### Test Waveforms

Leading edge at 10 kHz, 100 ns, > +10V,

500 ps/div. 5 V/div (50 mV × 40 dB):

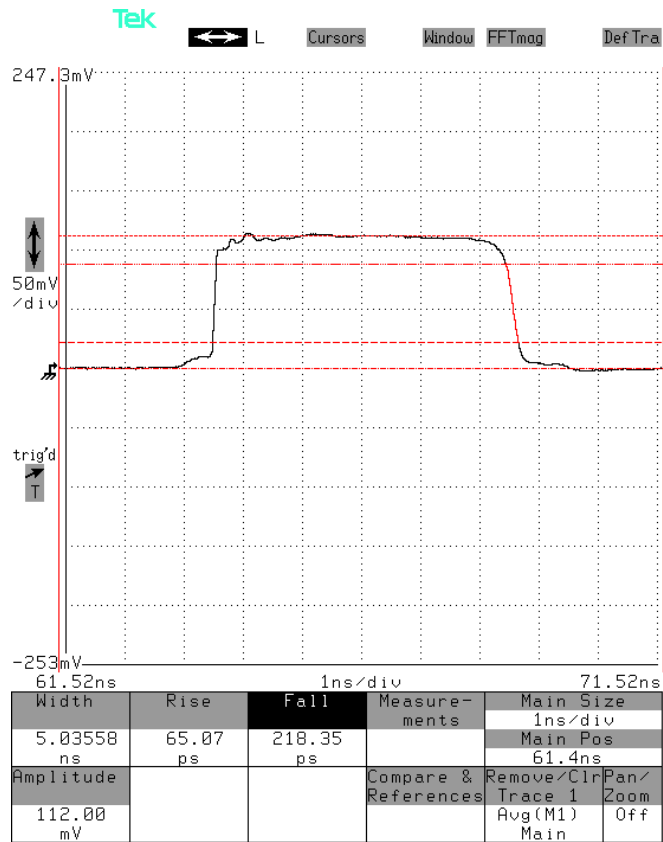
Trailing edge at 10 kHz, 100 ns, > +10V,

500 ps/div. 5 V/div (50 mV × 40 dB):



Full pulse at 100 kHz, 5 ns, > +10V,

1 ns/div. 5 V/div (50 mV × 40 dB):



Full pulse at 100 kHz, < 200 ps, +10V,

500 ps/div. 5 V/div (50 mV × 40 dB):

