



# 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: AVN-3-C-P  
Type: Ultra-High-Speed Pulse Generator  
S.N.: 11885  
Date: January 18, 2008

Max. Output Amplitude: varies with PRF  
Pulse Width (FWHM): 0.3 - 1 ns  
Rise Time (20%-80%): ≤ 150 ps  
Fall Time (80%-20%): ≤ 150 ps  
PRF: 25 - 250 MHz  
Jitter, Stability: OK  
Prime Power: 100-240V AC, 50-60 Hz.

Basic specifications: →

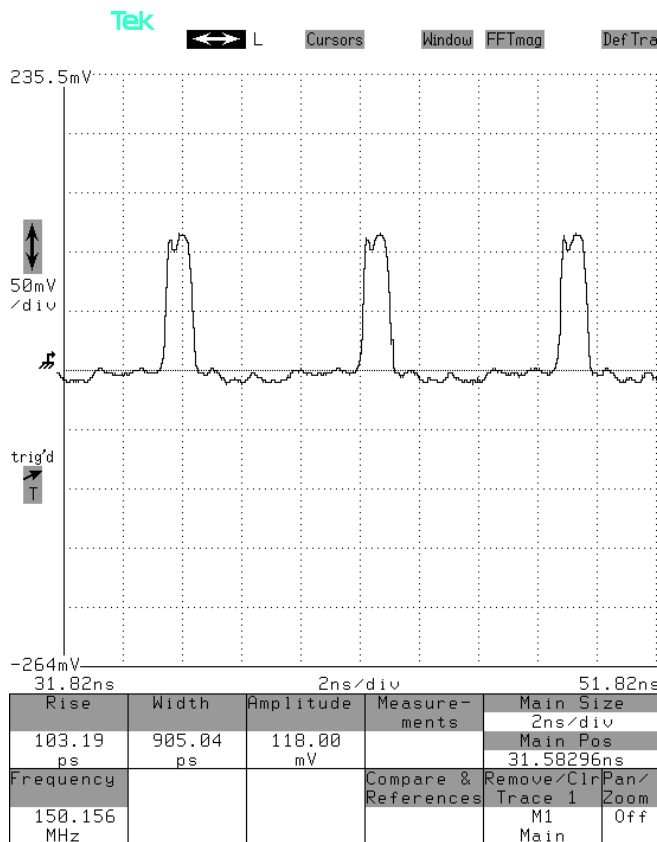
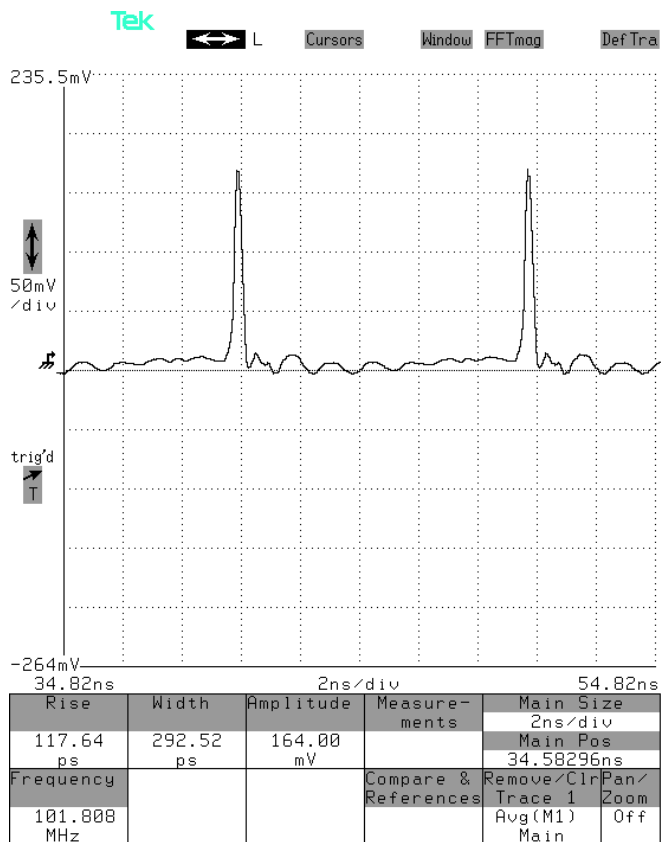
### Test Waveforms

At 100 MHz, > 15V, < 0.3 ns pulse width:

At 150 MHz, > +10V, 0.9 ns pulse width:

2 ns/div. 5 V/div (50 mV × 40 dB):

2 ns/div. 5 V/div (50 mV × 40 dB):



At 250 MHz, > +5V:

2 ns/div. 5 V/div (50 mV × 40 dB):

