



# 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: AVIR-4-C-EA-EW-R5-P  
Type: Ultra-High-Speed Pulse Generator  
S.N.: 12669  
Date: July 15, 2011

Output Amplitude: up to +200V, to 50Ω  
Pulse Width (FWHM): 4 – 200 ns  
Rise Time (20%-80%): ≤ 2 ns  
Fall Time (80%-20%): ≤ 2 ns  
PRF: 1 Hz - 20 kHz  
Jitter, Stability: OK  
Prime Power: 100-240V AC, 50-60 Hz.

Basic specifications: →

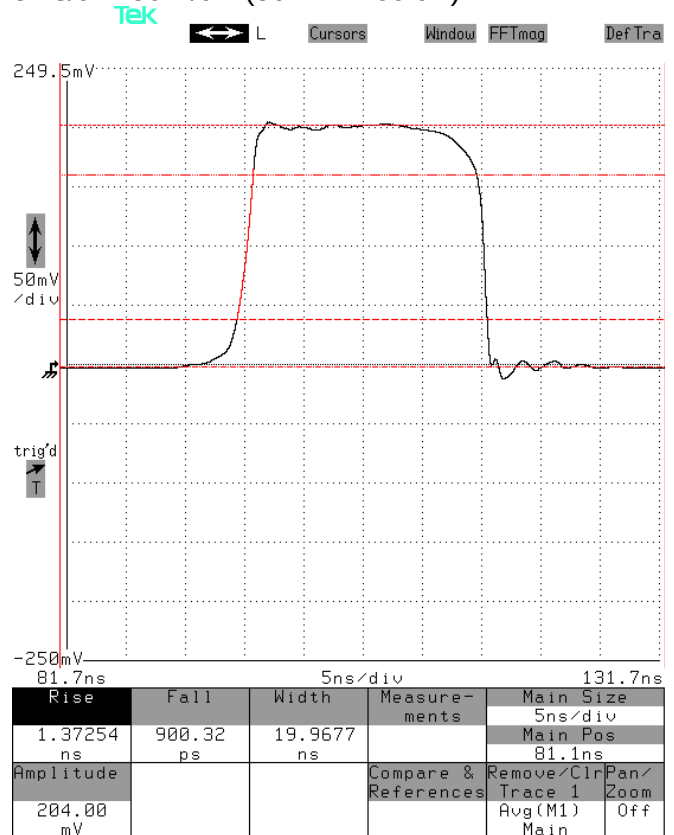
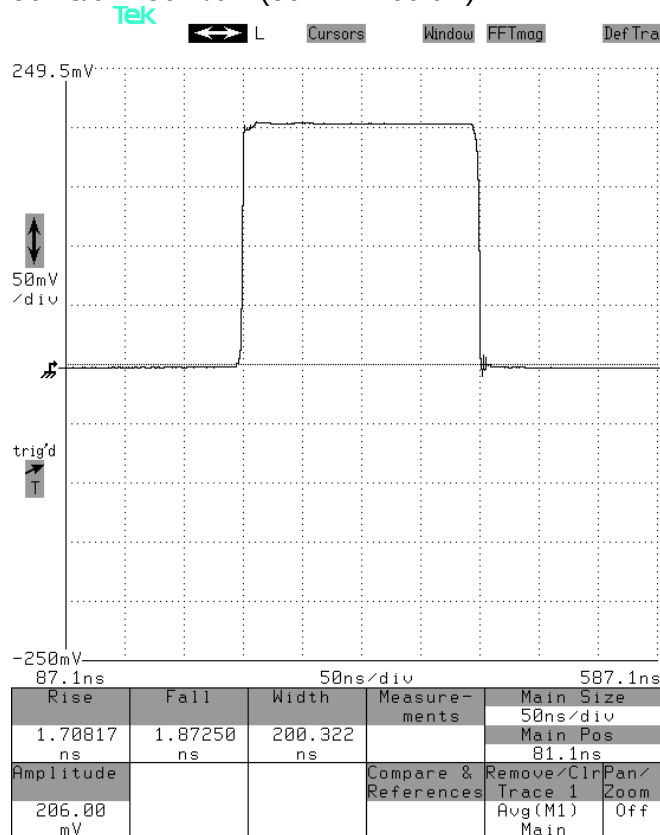
### Test Waveforms

20 kHz, 200 ns, +200V,

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50 ns/div. 50 V/div (50 mV × 60 dB):

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20 kHz, 2 ns, +200V,

5 ns/div. 50 V/div (50 mV × 60 dB):

