



# AVTECH ELECTROSYSTEMS LTD.

NANOSECOND WAVEFORM ELECTRONICS  
SINCE 1975

☐ P.O. BOX 265  
OGDENSBURG, NY  
U.S.A. 13669-0265

TEL: 888-670-8729 (USA & Canada) or +1-613-686-6675 (Intl)  
FAX: 800-561-1970 (USA & Canada) or +1-613-686-6679 (Intl)

☒ BOX 5120, LCD MERIVALE  
OTTAWA, ONTARIO  
CANADA K2C 3H4

info@avtechpulse.com - http://www.avtechpulse.com/

## 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: →

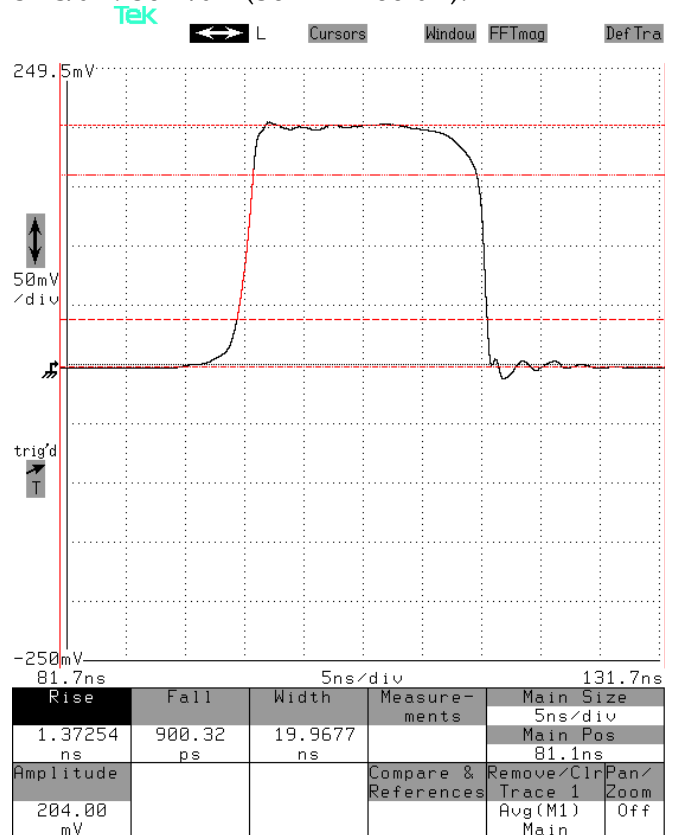
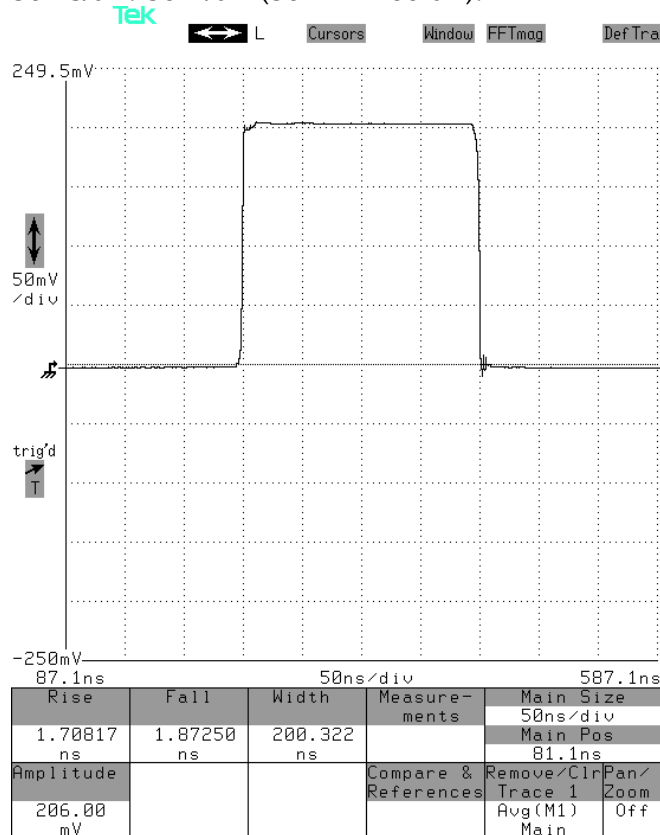
### Test Waveforms

20 kHz, 200 ns, +200V,

20 kHz, 20 ns, +200V,

50 ns/div. 50 V/div (50 mV × 60 dB):

5 ns/div. 50 V/div (50 mV × 60 dB):



20 kHz, 2 ns, +200V,

5 ns/div. 50 V/div (50 mV × 60 dB):

