



# 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: AVMP-2-N-GPDA  
Type: Ultra-High-Speed Pulse Generator  
S.N.: 12384  
Date: January 21, 2010

Output Amplitude: -2 to -10V, to 50Ω  
Pulse Width (FWHM): 5 – 20 ns  
Rise Time (20%-80%): ≤ 100 ps  
Fall Time (80%-20%): ≤ 150 ps  
PRF: 1 Hz - 1 MHz  
Jitter, Stability: OK  
Prime Power: 100-240V AC, 50-60 Hz.

Basic specifications: →

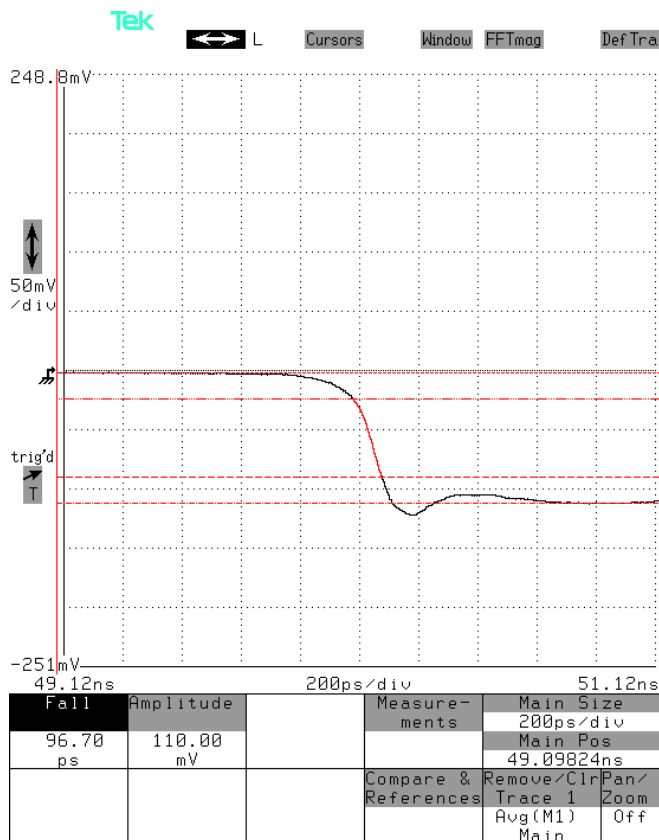
### Test Waveforms

Leading edge at 1 MHz, 20 ns, -10V,

200 ps/div, 5 V/div (50 mV × 40 dB):

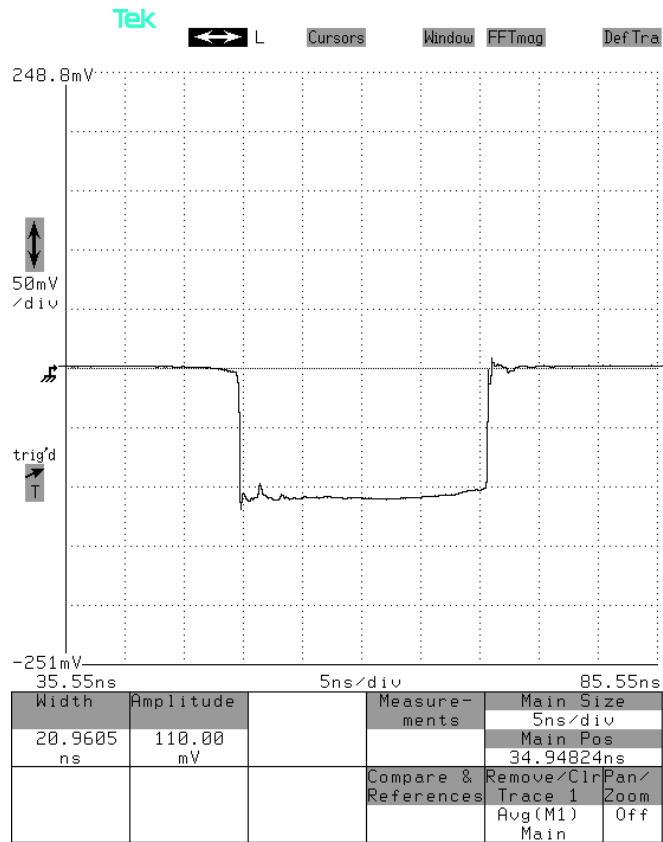
Trailing edge at 1 MHz, 20 ns, -10V,

500 ps/div, 5 V/div (50 mV × 40 dB):



Full pulse at 1 MHz, > 20 ns, -10V,

5 ns/div, 5 V/div (50 mV × 40 dB):



Leading edge at 1 MHz, 7 ns, -10V,

1 ns/div, 5 V/div (50 mV × 40 dB):

