



# 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: AVPP-2-B-P-M-OT-SSP  
Type: Ultra-High-Speed Pulse Generator  
S.N.: 12558  
Date: December 14, 2010

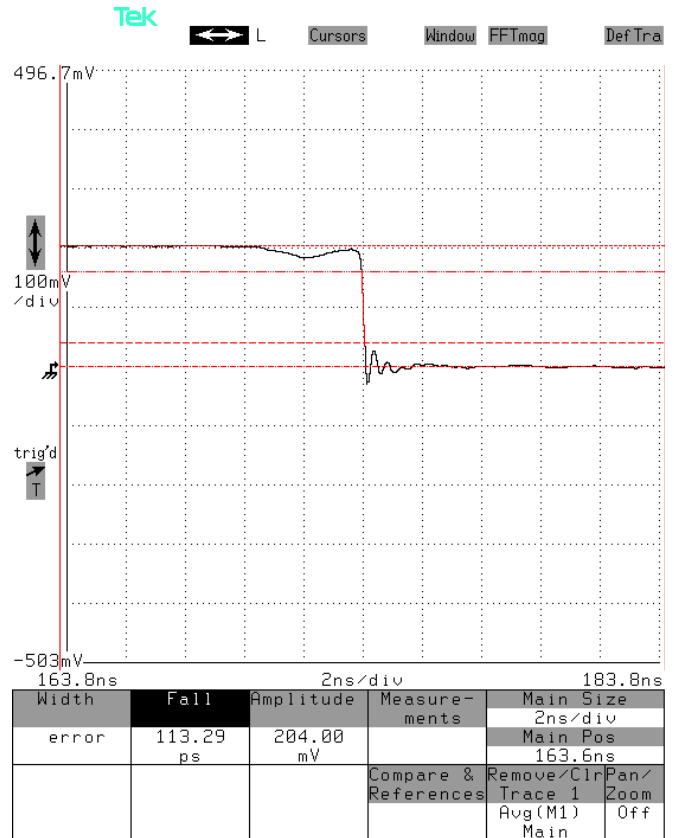
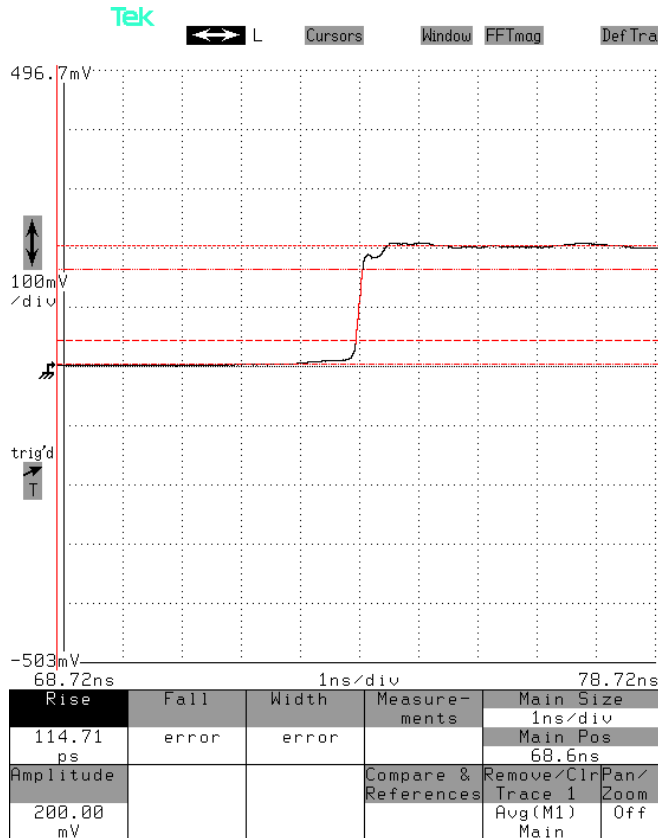
Output Amplitude: 0 to +20V, to 50Ω  
Pulse Width (FWHM): 0.6 ns – 100 ns  
Rise Time (20%-80%): ≤ 200 ps  
Fall Time (80%-20%): ≤ 350, 500 ps  
PRF: 1 Hz – 100 kHz  
Jitter, Stability: OK  
Prime Power: 100-240V AC, 50-60 Hz.

Basic specifications: →

### Test Waveforms

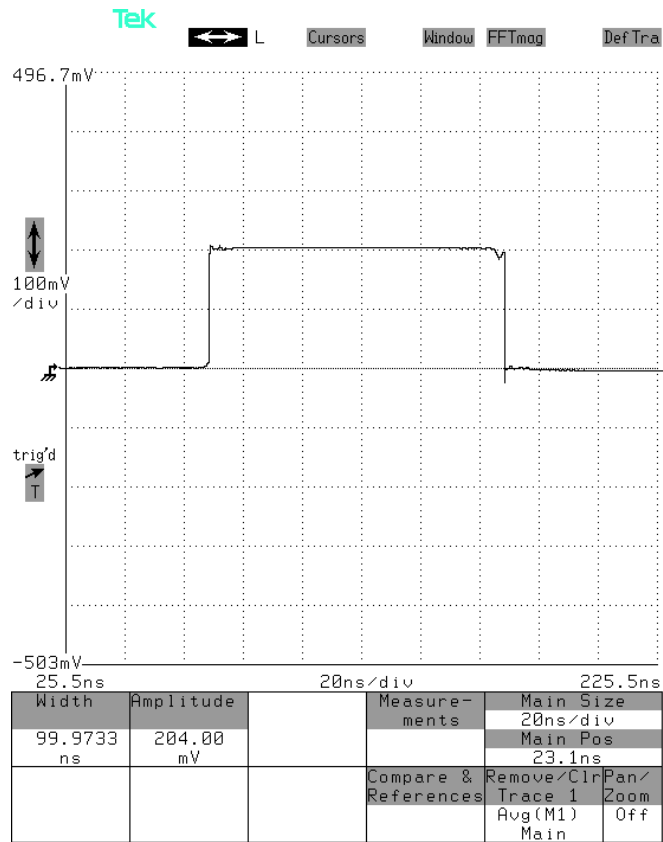
Leading edge at 100 kHz, 100 ns, +20V,  
1 ns/div. 10 V/div (100 mV × 40 dB):

Trailing edge at 100 kHz, 100 ns, +20V,  
2 ns/div. 10 V/div (100 mV × 40 dB):



Full pulse at 100 kHz, 100 ns, +20V,

20 ns/div. 10 V/div (100 mV × 40 dB):



Full pulse at 100 kHz, 4 ns, +20V,

1 ns/div. 10 V/div (100 mV × 40 dB):

