



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 3H5

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

PERFORMANCE CHECKSHEET

Model: AVPP-1-B-P-VXI  
Type: Ultra-High-Speed Pulse Generator  
S.N.: 13815  
Date: December 3, 2018

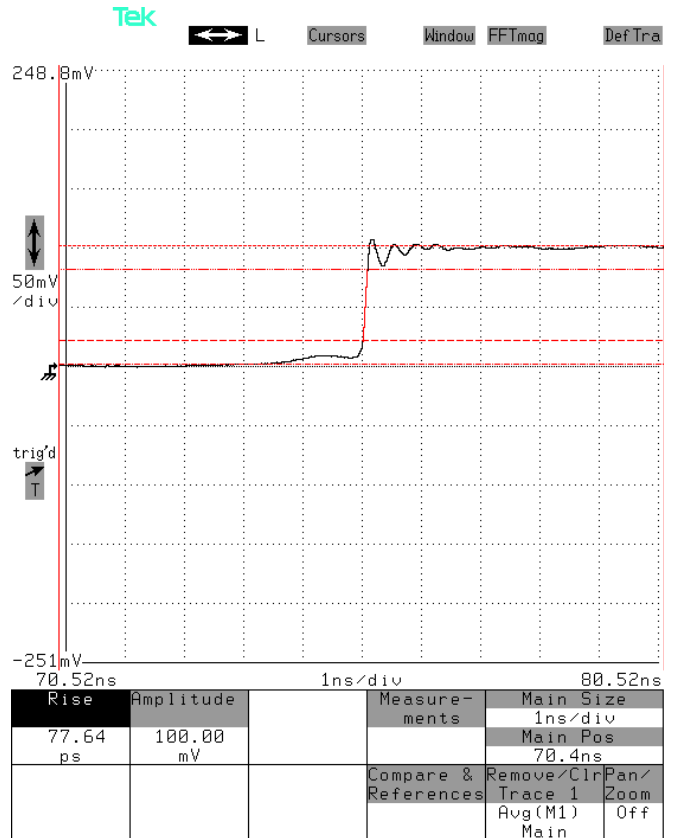
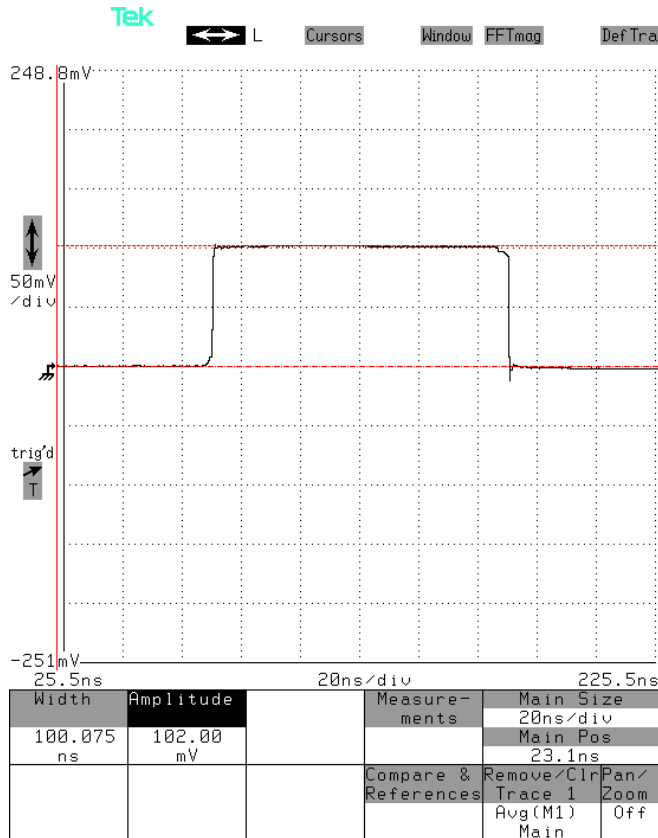
Output Amplitude: up to +10V, to 50Ω  
Pulse Width (FWHM): 0.4 to 100 ns  
Rise Time (20%-80%): ≤ 120 or 150 ps  
Fall Time (80%-20%): ≤ 150 or 420 ps  
PRF: 1 Hz - 1 MHz  
Jitter, Stability: OK  
Prime Power: 100-240V AC, 50-60 Hz.

Basic specifications: →

Test Waveforms

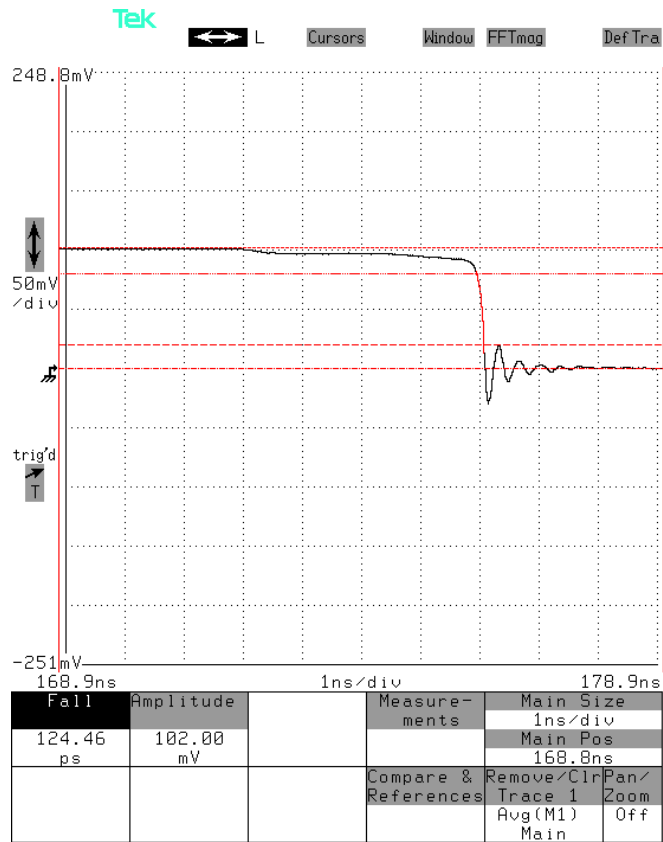
Full pulse at 100 kHz, 100 ns, +10V,  
20 ns/div. 5 V/div (50 mV/div × 40 dB):

Leading edge at 100 kHz, 100 ns, +10V,  
1 ns/div. 5 V/div (50 mV/div × 40 dB):



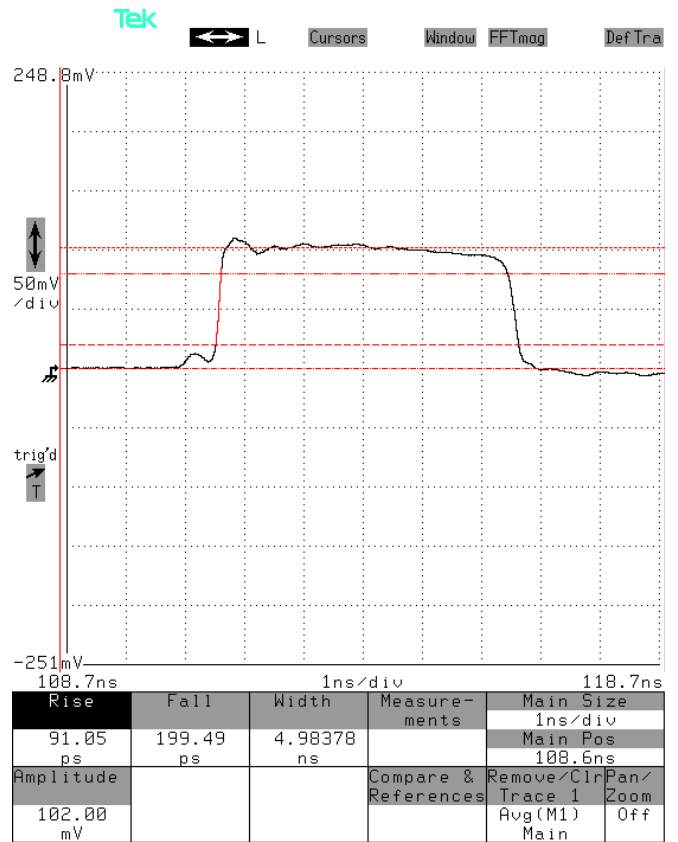
Trailing edge at 100 kHz, 100 ns, +10V,

1 ns/div. 5 V/div (50 mV/div × 40 dB):



Full pulse at 100 kHz, 5 ns, +10V,

1 ns/div. 5 V/div (50 mV/div × 40 dB):



Full pulse at 100 kHz, < 400 ps, +10V,

1 ns/div. 5 V/div (50 mV/div × 40 dB):

