



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: AVR-E4-B-PN-AK2-AK8-AC03-VXI-EA-EW  
Type: Ultra-High-Speed Pulse Generator  
S.N.: 13143  
Date: April 9, 2014

Output Amplitude: up to ±100V, to 50Ω  
Pulse Width (FWHM): 1 – 5 ns  
Rise Time (20%-80%): ≤ 400 ps  
Fall Time (80%-20%): ≤ 600 ps  
PRF: 1 Hz - 100 kHz  
Jitter, Stability: OK  
Prime Power: 100-240V AC, 50-60 Hz.

Basic specifications: →

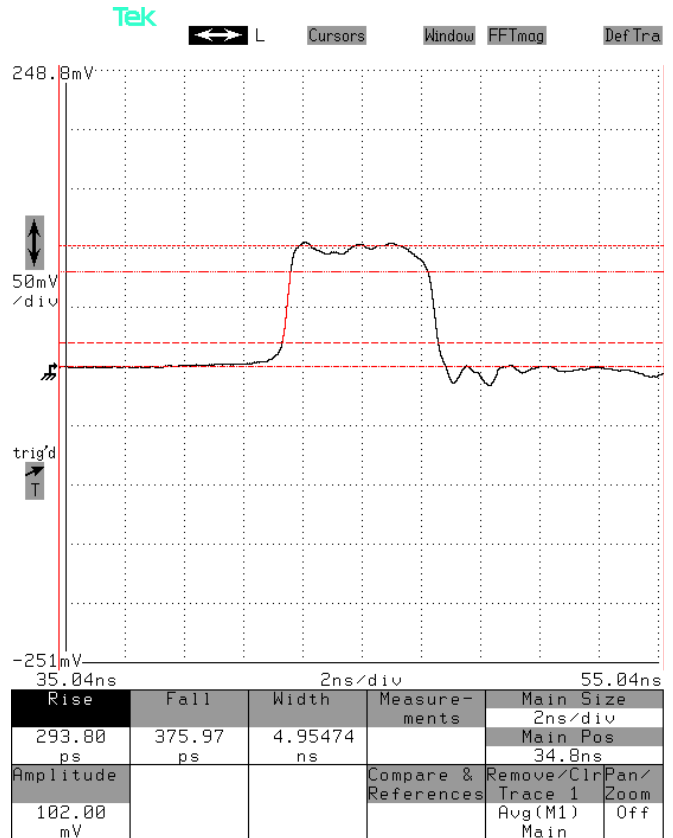
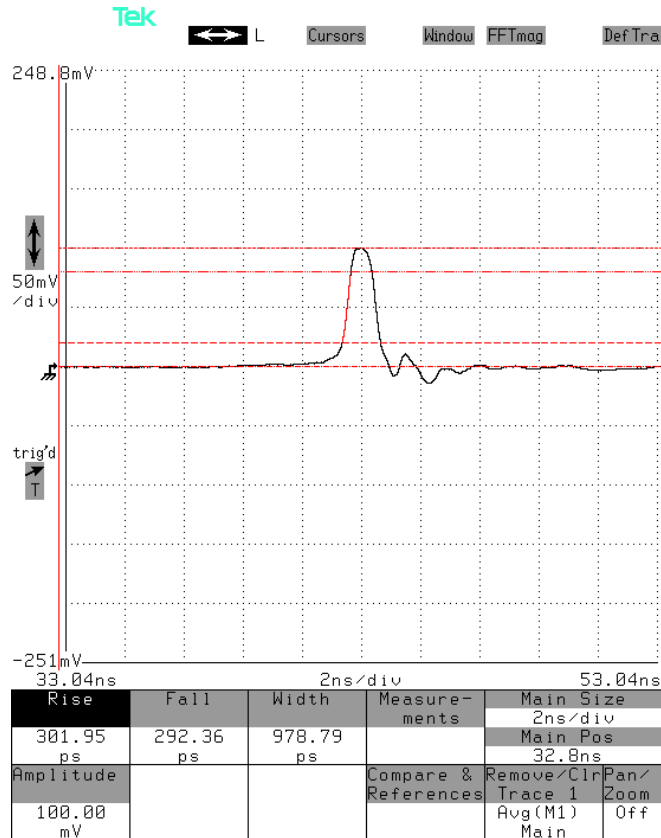
Test Waveforms

10 kHz, 800 ps, +100V,

10 kHz, 5 ns, +100V,

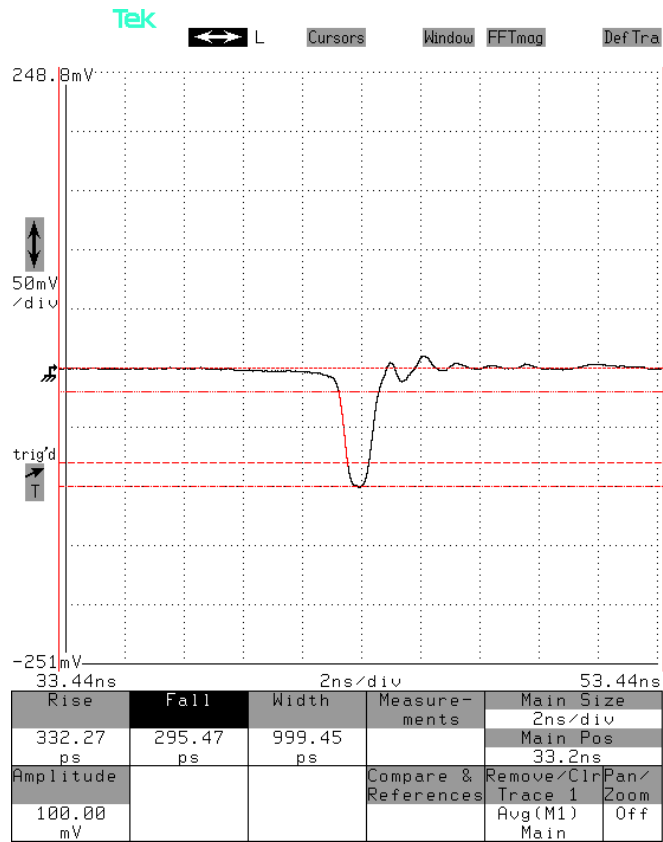
2 ns/div. 50 V/div (50 mV/div × 60 dB):

2 ns/div. 50 V/div (50 mV/div × 60 dB):



10 kHz, 800 ps, -100V,

2 ns/div. 50 V/div (50 mV/div × 60 dB):



10 kHz, 5 ns, -100V,

2 ns/div. 50 V/div (50 mV/div × 60 dB):

