



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

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, CANADA K2C3H5

PERFORMANCE CHECKSHEET

Model: AVR-E2-B-P-CC1  
Type: Ultra-High-Speed Pulse Generator  
S.N.: 14044  
Date: October 21, 2020

Output Amplitude: up to +50V, to 50Ω  
Pulse Width (FWHM): 10 ns – 200 ns  
Rise Time (20%-80%): ≤ 500 ps  
Fall Time (80%-20%): ≤ 1 ns  
PRF: 1 Hz - 200 kHz  
Jitter, Stability: OK  
Prime Power: 100-240V AC, 50-60 Hz.

Basic specifications: →

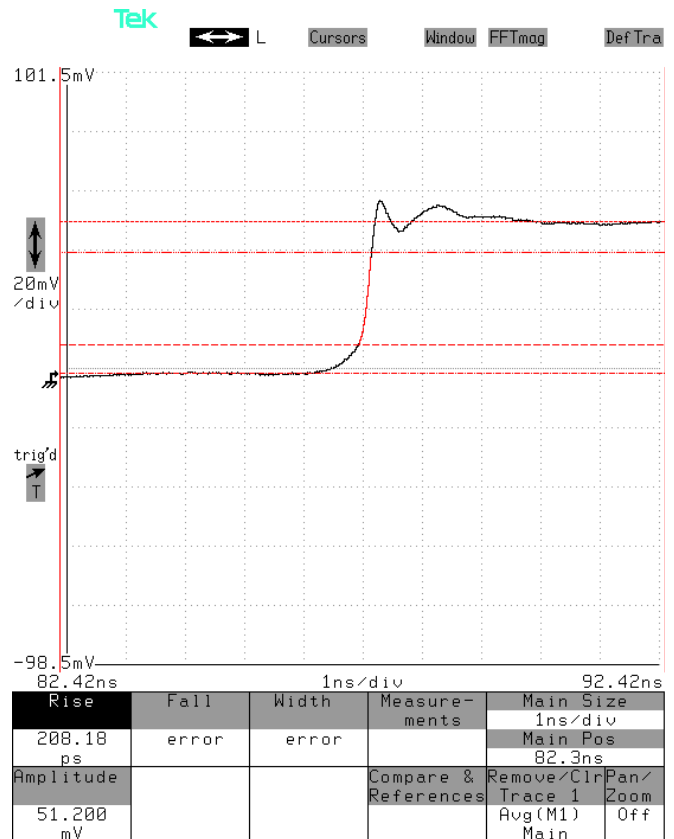
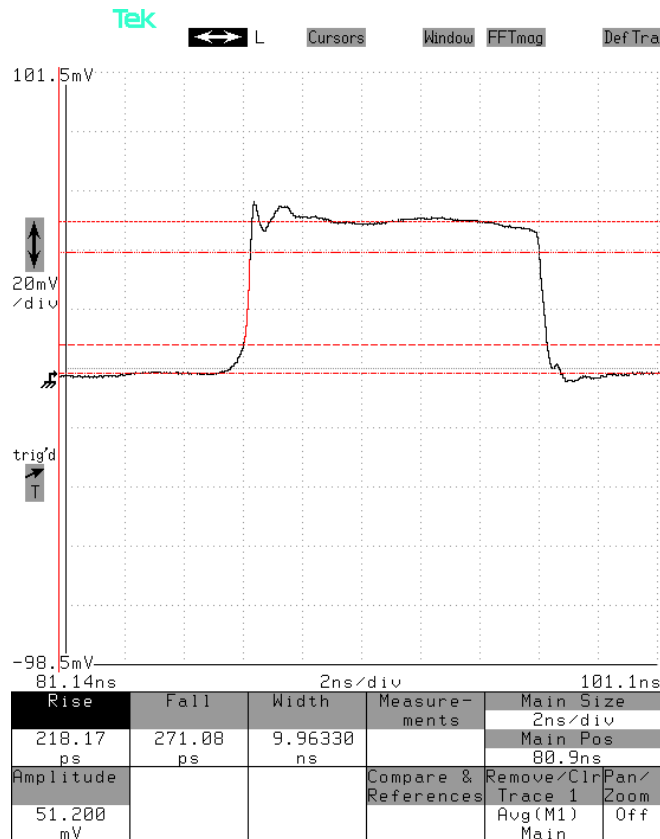
Test Waveforms

200 kHz, 10 ns, > +50V,

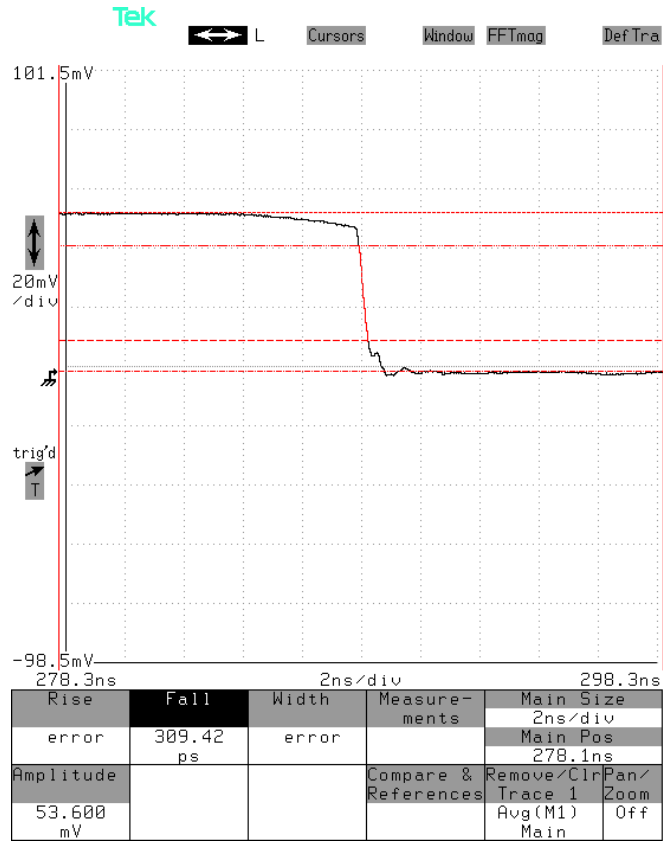
2 ns/div. 20 V/div (200 mV/div × 40 dB):

20 kHz, 200 ns, > +50V, leading edge,

1 ns/div. 20 V/div (200 mV/div × 40 dB):



20 kHz, 200 ns, > +50V, trailing edge,  
 2 ns/div. 20 V/div (200 mV/div × 40 dB):



20 kHz, 200 ns, > +50V, full pulse,  
 50 ns/div. 20 V/div (200 mV/div × 40 dB):

