



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-J3-B-PN-W2-AC22  
Type: Ultra-High-Speed Pulse Generator  
S.N.: 14024  
Date: September 15, 2020

Output Amplitude: up to ±100V, to 50Ω  
Pulse Width (FWHM): 50 ns to μs  
Rise Time (20%-80%): ≤ 1.2 ns  
Fall Time (80%-20%): ≤ 1.5 ns  
PRF: 1 Hz - 20 kHz  
Jitter, Stability: OK  
Prime Power: 100-240V AC, 50-60 Hz.

Basic specifications: →

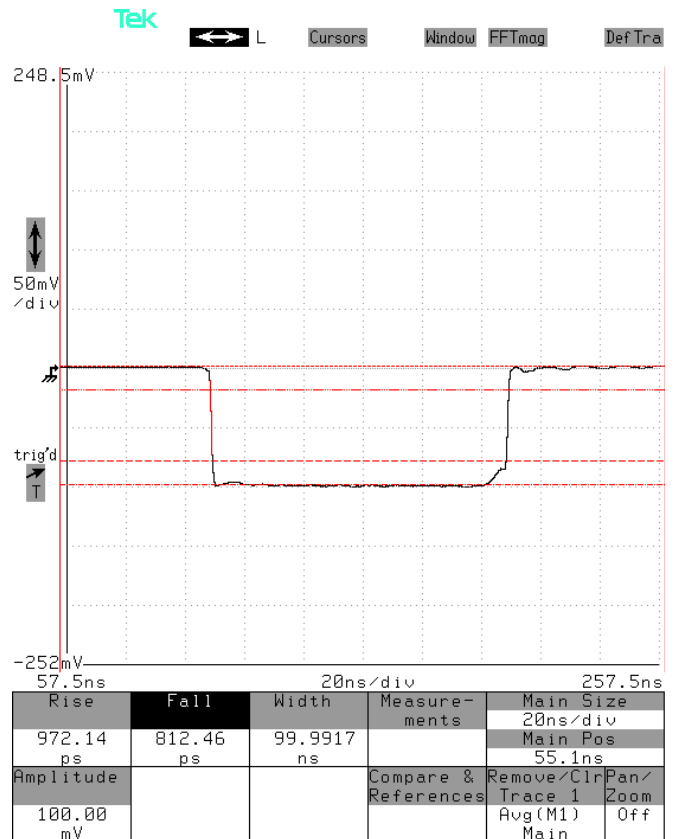
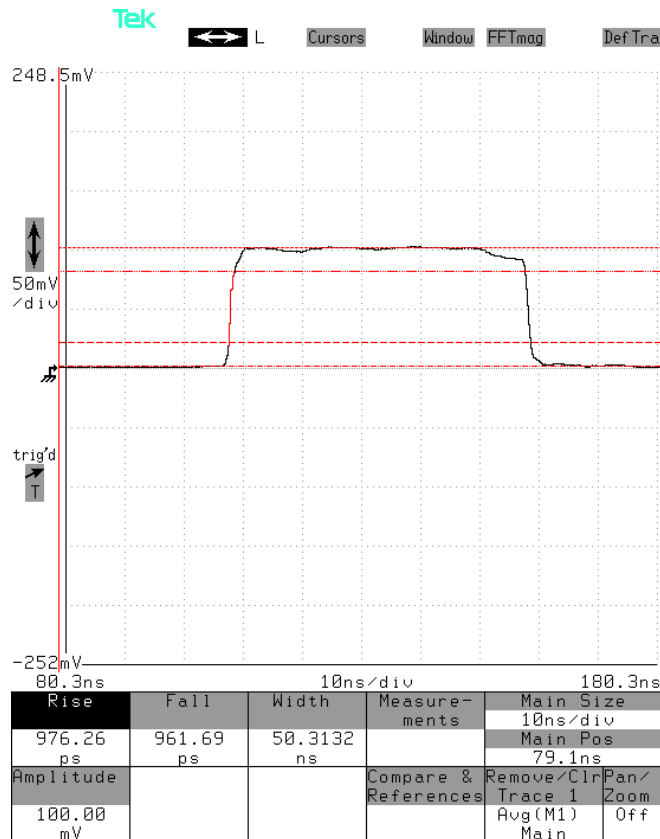
Test Waveforms

10 kHz, 50 ns, +100V,

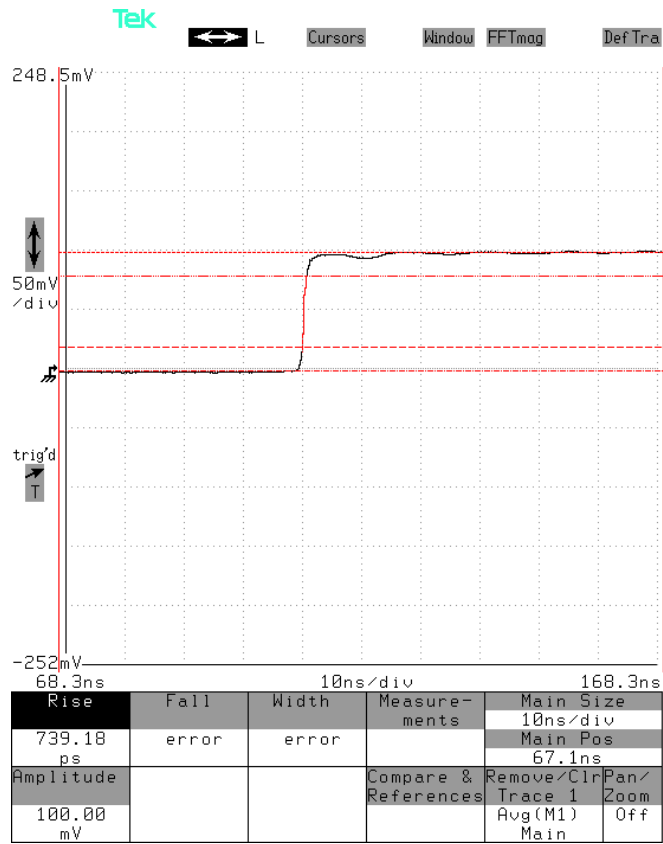
10 kHz, 100 ns, -100V,

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

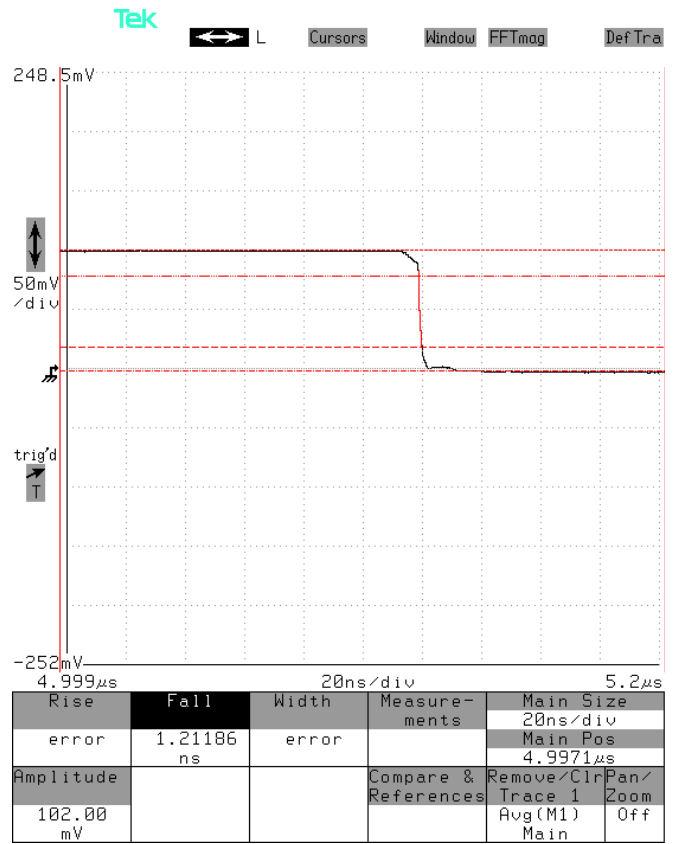
20 ns/div. 50 V/div (50 mV/div × 60 dB):



10 kHz, 5 us, +100V, leading edge,  
 10 ns/div. 50 V/div (50 mV/div × 60 dB):



10 kHz, 5 us, +100V, trailing edge,  
 20 ns/div. 50 V/div (50 mV/div × 60 dB):



10 kHz, 5 us, -100V, full pulse,

1 us/div. 50 V/div (50 mV/div × 60 dB):

