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BOX 5120, LCD MERIVALE  
OTTAWA, CANADA K2C3H5

PERFORMANCE CHECKSHEET

Model: AVR-E2-B-P-W3-AK1-AK8  
Type: Ultra-High-Speed Pulse Generator  
S.N.: 14467  
Date: September 18, 2024

Output Amplitude: up to +50V, to 50Ω  
Pulse Width (FWHM): 1 ns to 5 us  
Rise Time (20%-80%): ≤ 0.5 ns  
Fall Time (80%-20%): ≤ 1.3 ns  
PRF: 1 Hz - 200 kHz  
Jitter, Stability: OK  
Prime Power: 100-240V AC, 50-60 Hz.

Basic specifications: →

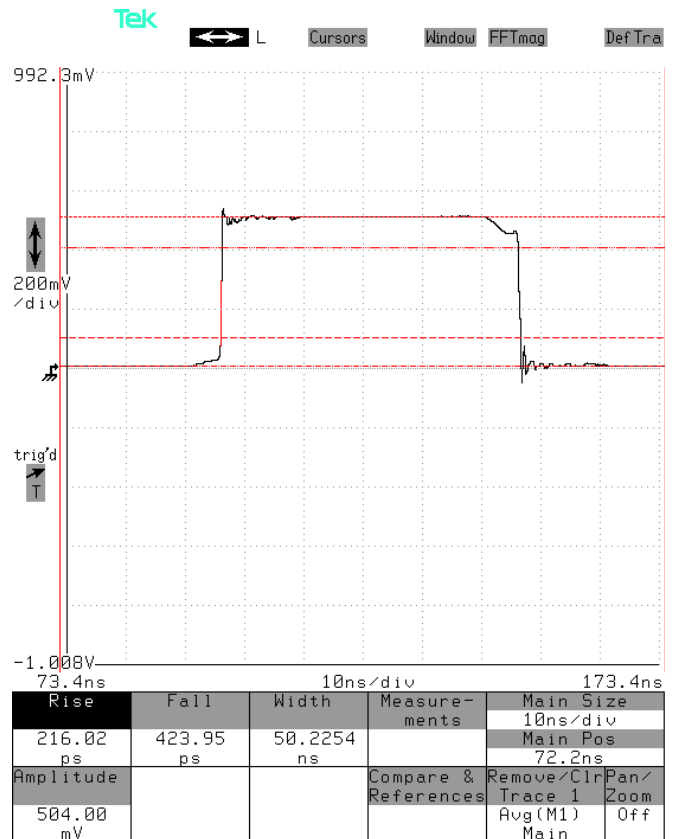
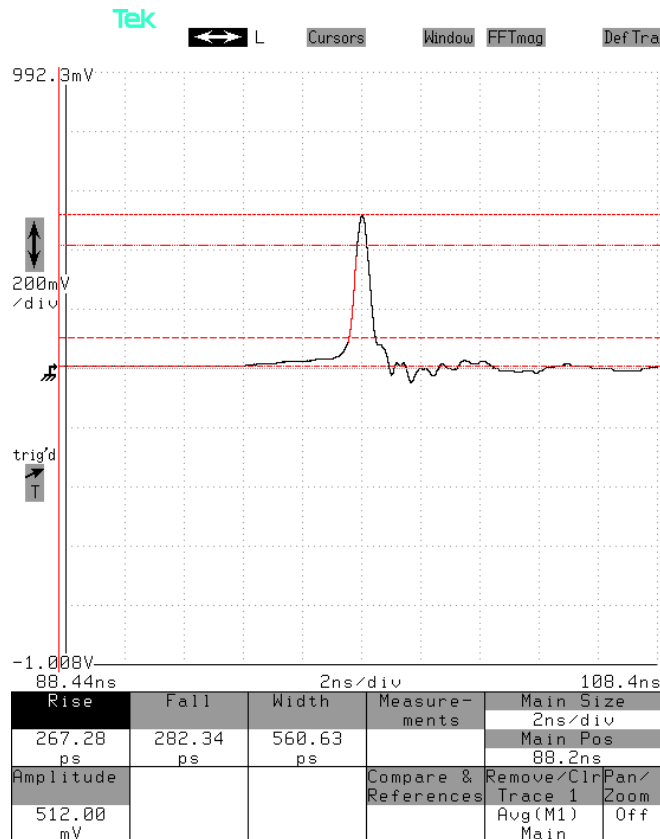
Test Waveforms

10 kHz, < 1 ns, > +50V,

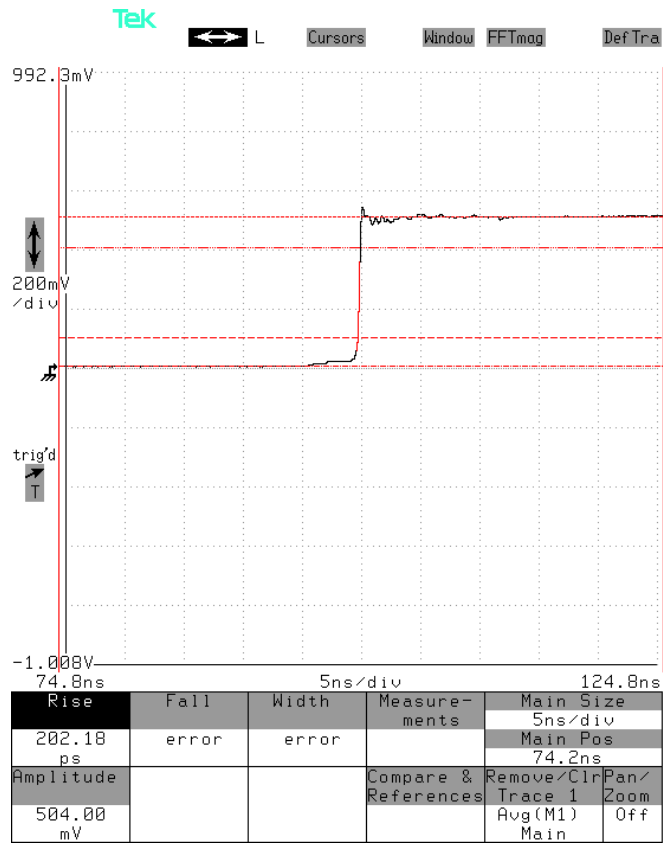
2 ns/div. 20 V/div (200 mV/div × 40 dB):

10 kHz, 50 ns, > +50V,

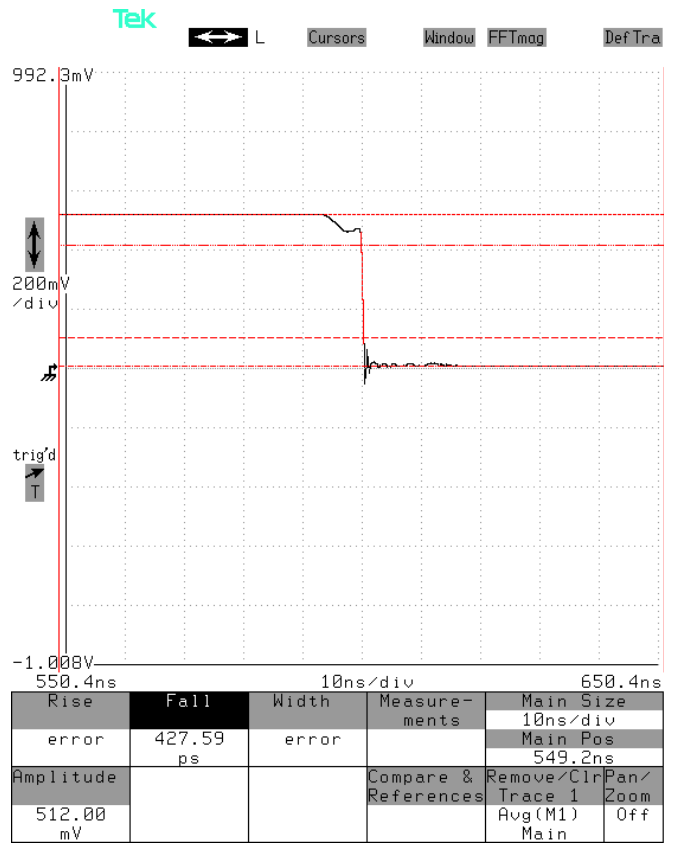
10 ns/div. 20 V/div (200 mV/div × 40 dB):



10 kHz, 500 ns,  $\geq +50V$ , leading edge,  
 5 ns/div. 20 V/div (200 mV/div  $\times$  40 dB):



10 kHz, 500 ns,  $\geq +50V$ , trailing edge,  
 10 ns/div. 20 V/div (200 mV/div  $\times$  40 dB):



2 kHz, 5 us, +50V, full pulse,

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

