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BOX 5120, LCD MERIVALE  
OTTAWA, CANADA K2C3H5

PERFORMANCE CHECKSHEET

Model: AVR-E3-B-PN-W1  
Type: Ultra-High-Speed Pulse Generator  
S.N.: 14362  
Date: August 28, 2023

Output Amplitude: up to  $\pm 100V$ , to  $50\Omega$   
Pulse Width (FWHM): 1 – 200 ns  
Rise Time (20%-80%):  $\leq 0.5$  ns  
Fall Time (80%-20%):  $\leq 1.5$  ns  
PRF: 1 Hz - 100 kHz  
Jitter, Stability: OK  
Prime Power: 100-240V AC, 50-60 Hz.

Basic specifications: →

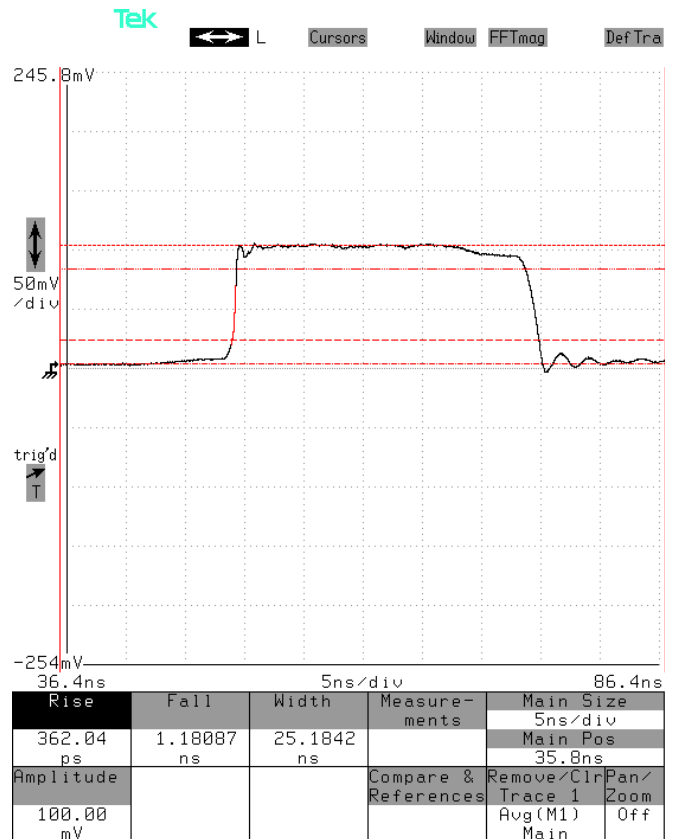
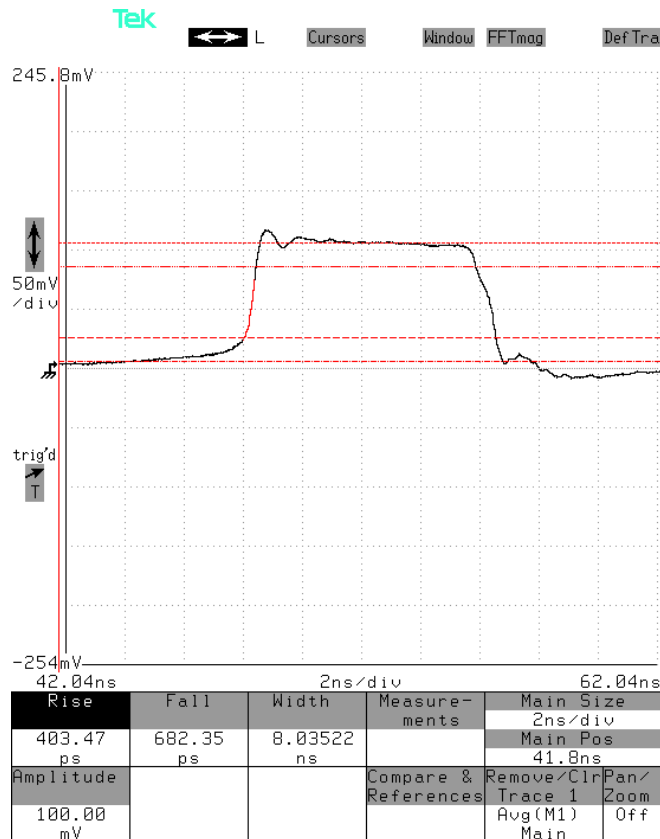
Test Waveforms

100 kHz, 8 ns, +100V,

100 kHz, 25 ns, +100V.

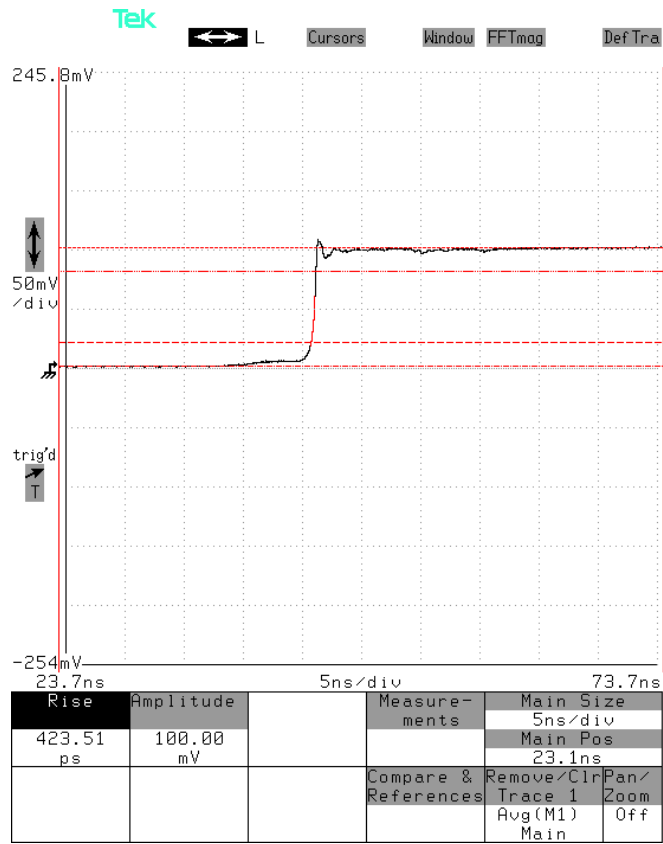
2 ns/div. 50 V/div (50 mV/div  $\times$  60 dB):

5 ns/div. 50 V/div 50 mV/div  $\times$  60 dB):



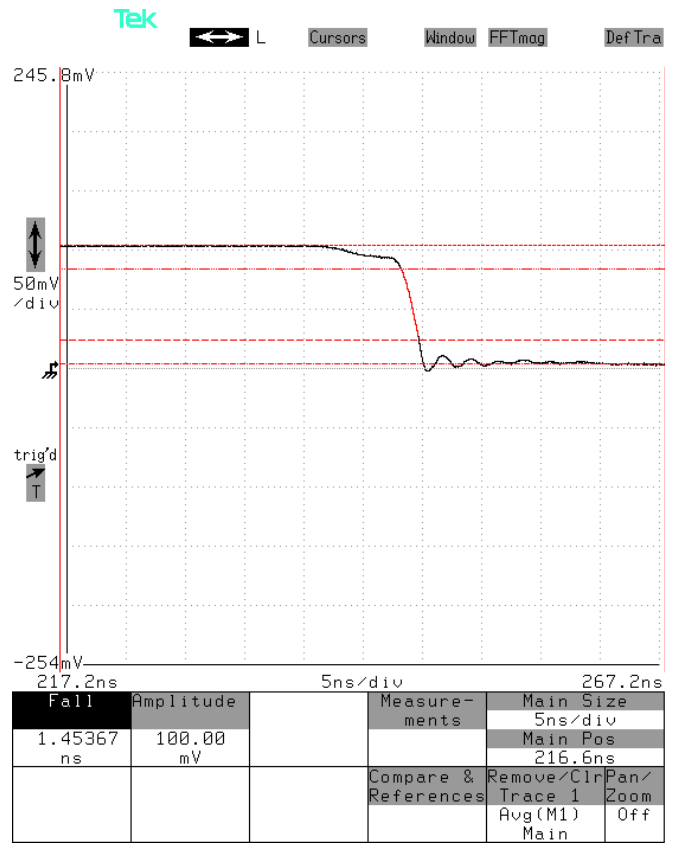
100 kHz, 200 ns, +100V, leading edge,

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



100 kHz, 200 ns, +100V, trailing edge,

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



100 kHz, 200 ns, -100V, full pulse,

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

