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BOX 5120, LCD MERIVALE  
OTTAWA, CANADA K2C3H5

PERFORMANCE CHECKSHEET

Model: AVR-E3-B-PN-AC22-W1  
Type: Ultra-High-Speed Pulse Generator  
S.N.: 13949  
Date: May 14, 2020

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

Basic specifications: →

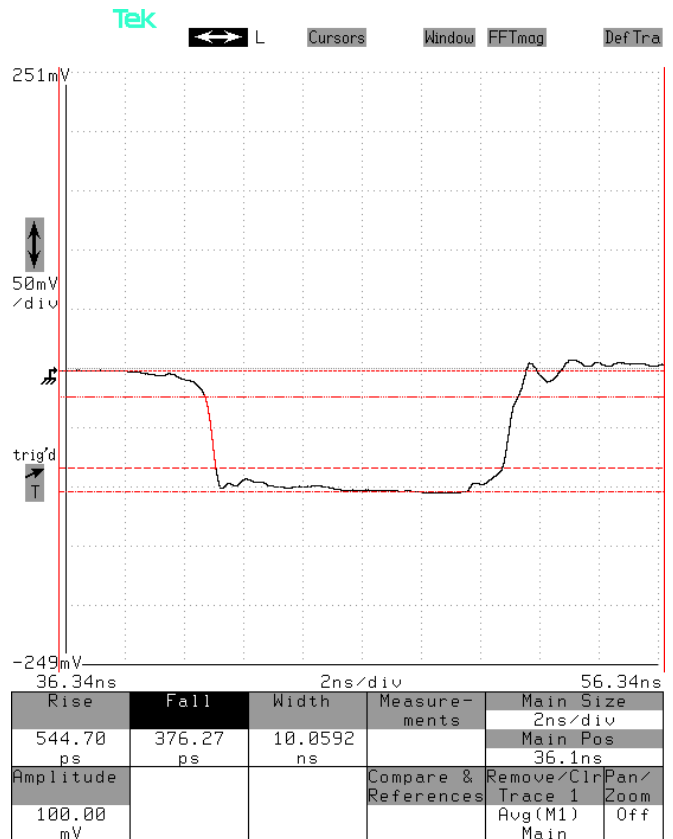
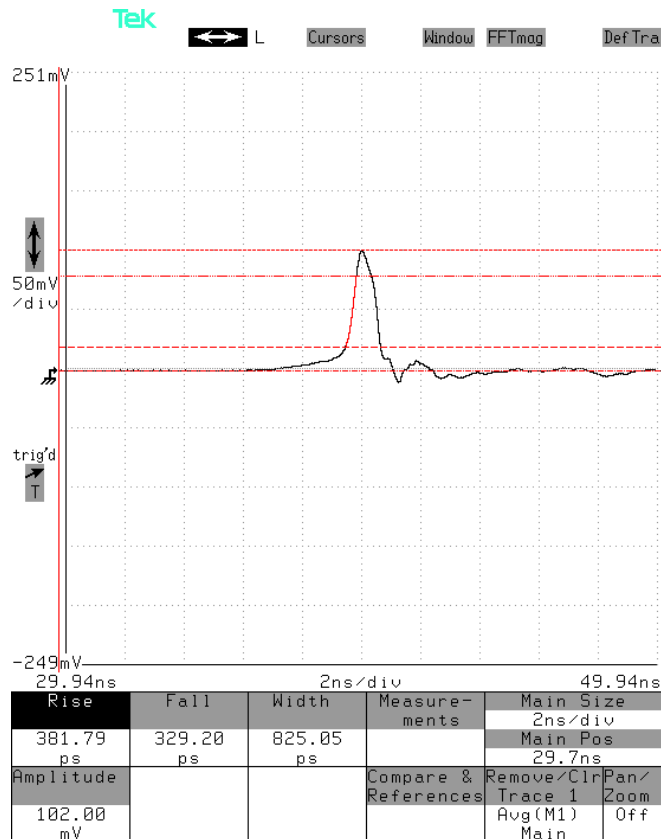
Test Waveforms

10 kHz, < 1 ns, > +100V,

100 kHz, 10 ns, -100V.

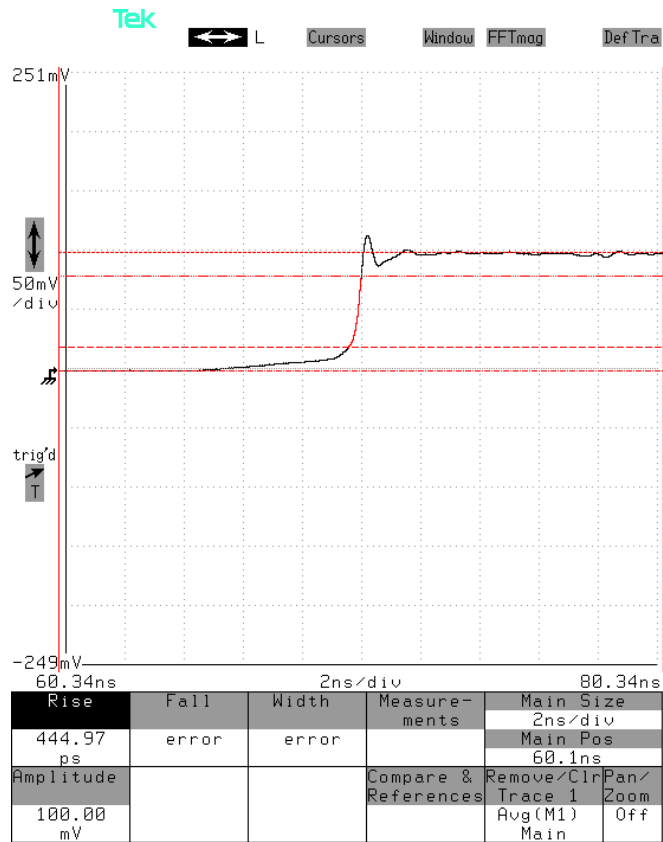
2 ns/div. 50 V/div (50 mV/div × 60 dB):

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



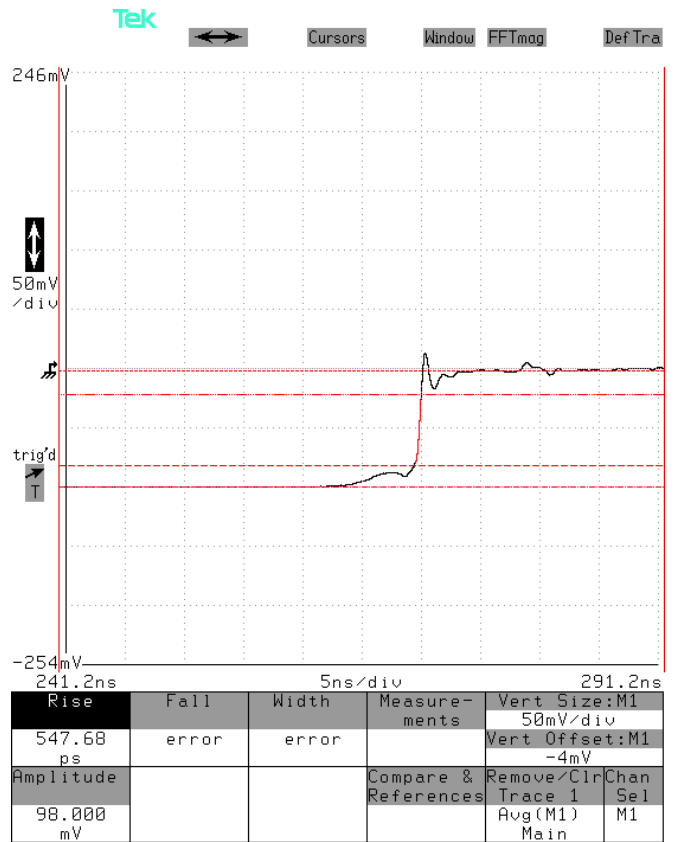
10 kHz, 200 ns, +100V, leading edge,

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



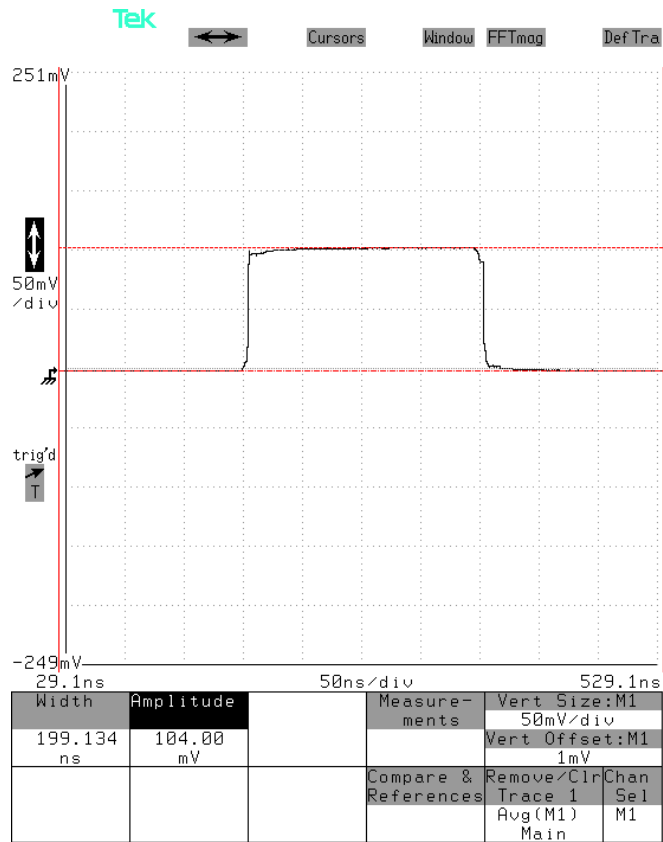
10 kHz, 200 ns, -100V, trailing edge,

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



10 kHz, 200 ns, > +100V, full pulse,

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



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

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

