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BOX 5120, LCD MERIVALE  
OTTAWA, CANADA K2C3H5

PERFORMANCE CHECKSHEET

Model: AVR-E3A-B-PN-ATA3-AC22  
Type: Ultra-High-Speed Pulse Generator  
S.N.: 14236  
Date: May 6, 2022

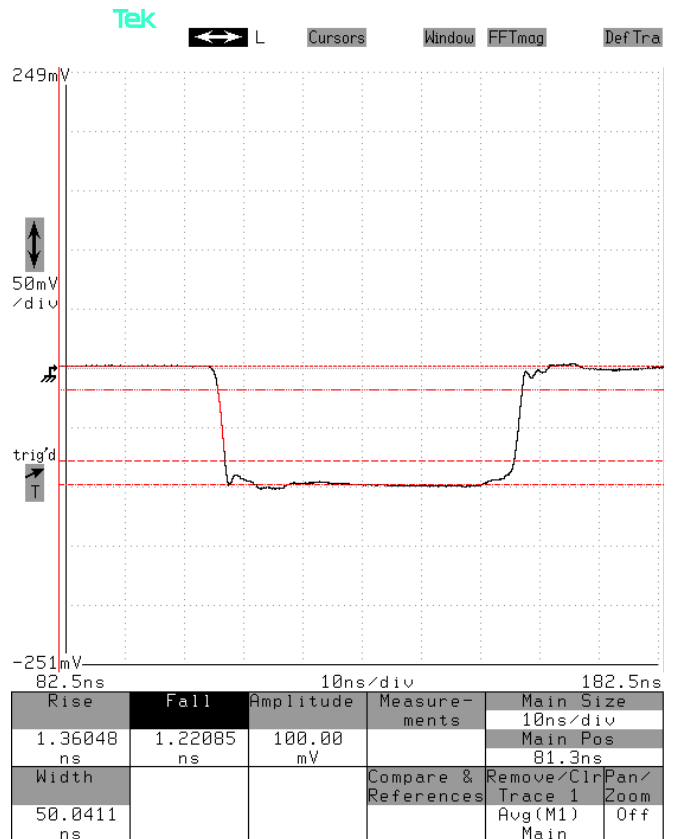
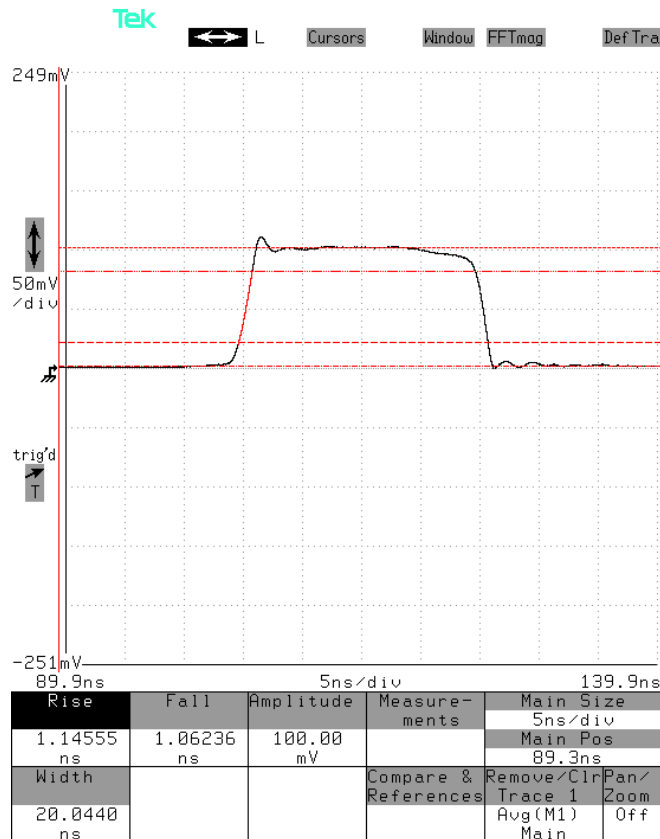
Output Amplitude: up to  $\pm 100V$ , to  $50\Omega$   
Pulse Width (FWHM): 15 – 500 ns  
Rise Time (20%-80%):  $\leq 1.5$  ns  
Fall Time (80%-20%):  $\leq 2.5$  ns  
PRF: up to 200 kHz  
Jitter, Stability: OK  
Prime Power: 100-240V AC, 50-60 Hz.

Basic specifications: →

Test Waveforms

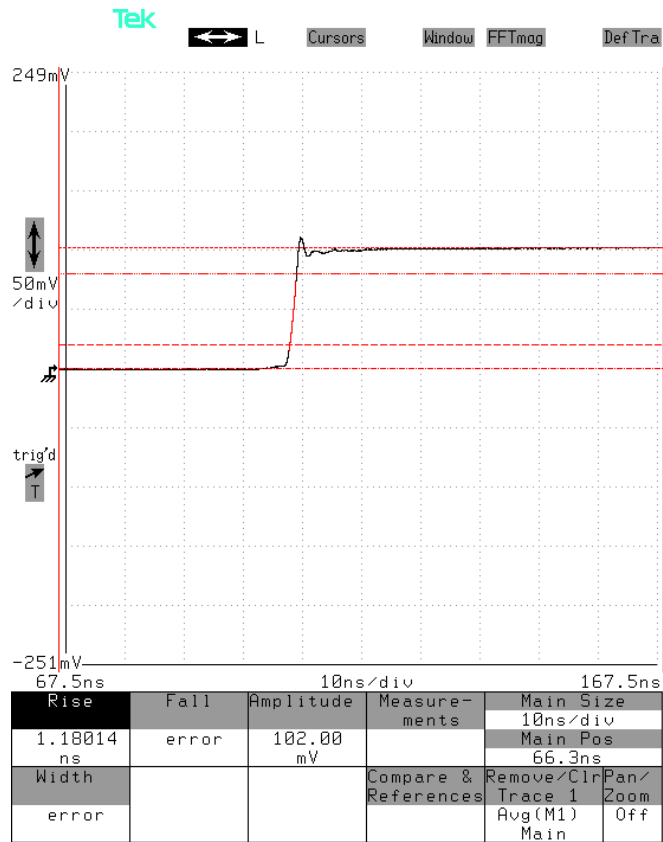
Full pulse at 200 kHz, 20 ns, +100V,  
5 ns/div. 50 V/div (50 mV/div  $\times$  60 dB):

Full pulse at 200 kHz, 50 ns, -100V,  
10 ns/div. 50 V/div (50 mV/div  $\times$  60 dB):



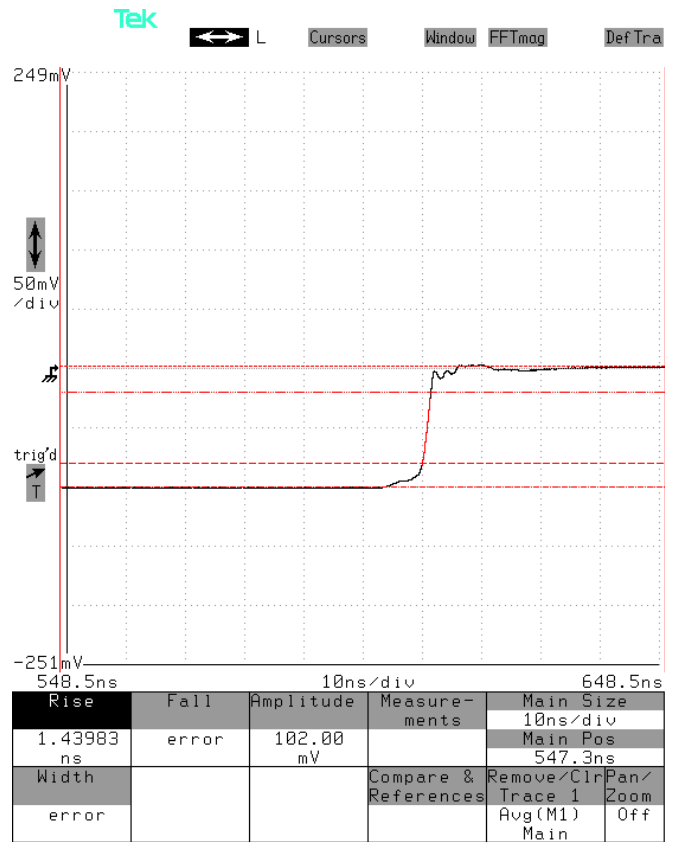
Leading edge at 40 kHz, 500 ns, +100V,

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



Trailing edge at 40 kHz, 500 ns, -100V,

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



Full pulse at 40 kHz, 500 ns, +100V,

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

