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BOX 5120, LCD MERIVALE  
OTTAWA, CANADA K2C3H5

PERFORMANCE CHECKSHEET

Model: AVR-E3-B-PN-W2  
Type: Ultra-High-Speed Pulse Generator  
S.N.: 13897  
Date: June 20, 2019

Output Amplitude: up to ±100V, to 50Ω  
Pulse Width (FWHM): 50 ns to 5 μs  
Rise Time (20%-80%): ≤ 500 ps  
Fall Time (80%-20%): ≤ 1 ns  
PRF: 1 Hz - 20 kHz  
Jitter, Stability: OK  
Prime Power: 100-240V AC, 50-60 Hz

Basic specifications: →

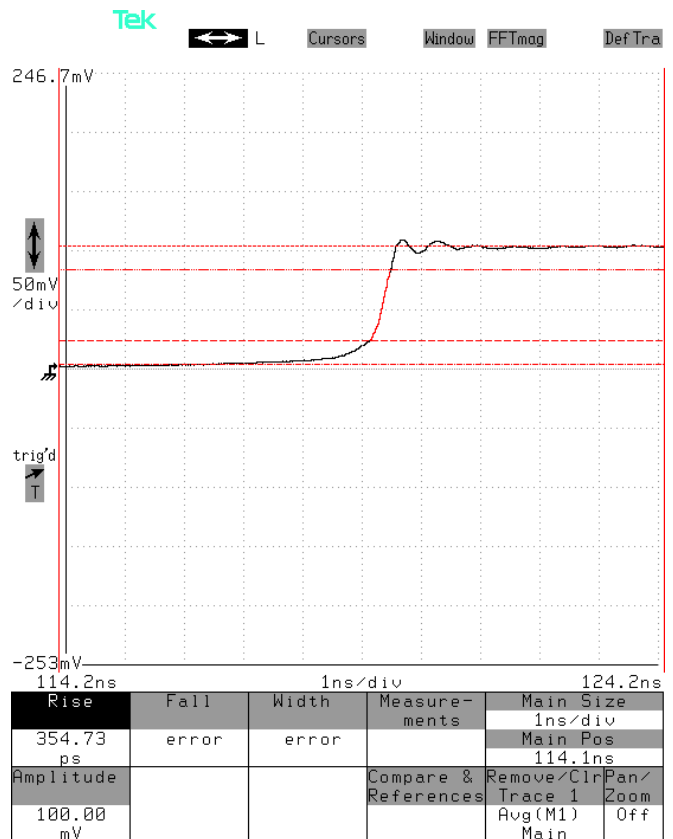
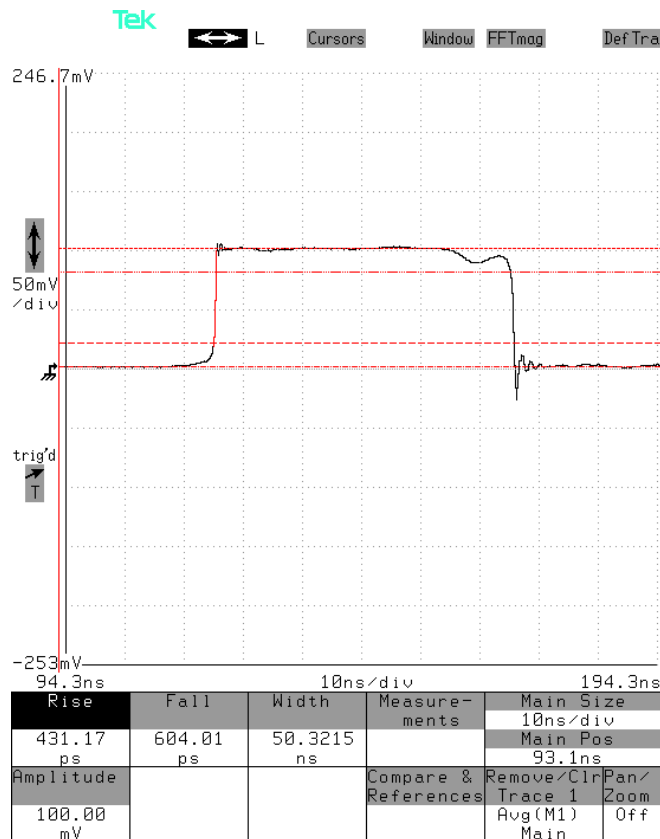
Test Waveforms

20 kHz, 50 ns, +100V, full pulse,

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

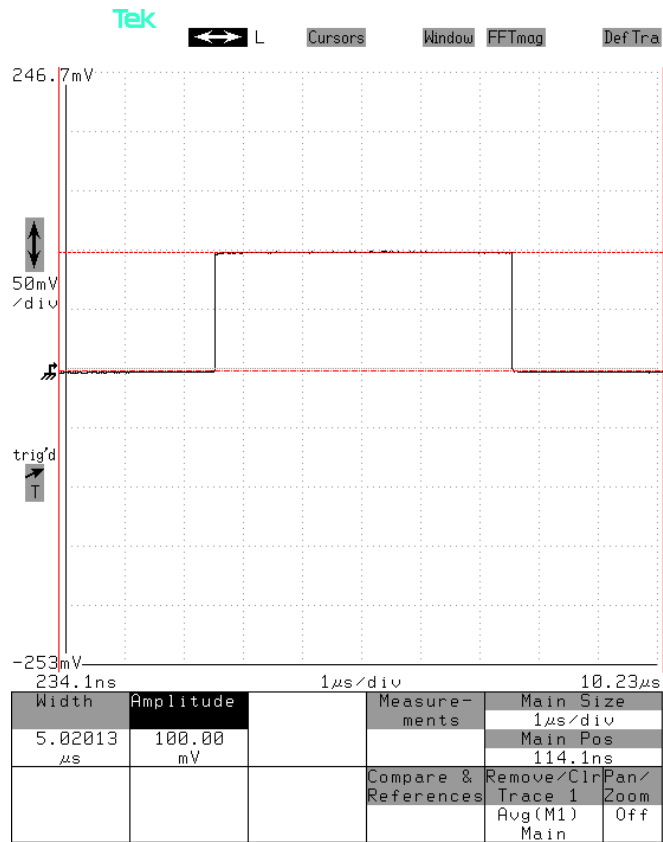
20 kHz, 500 ns, +100V, rising edge,

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



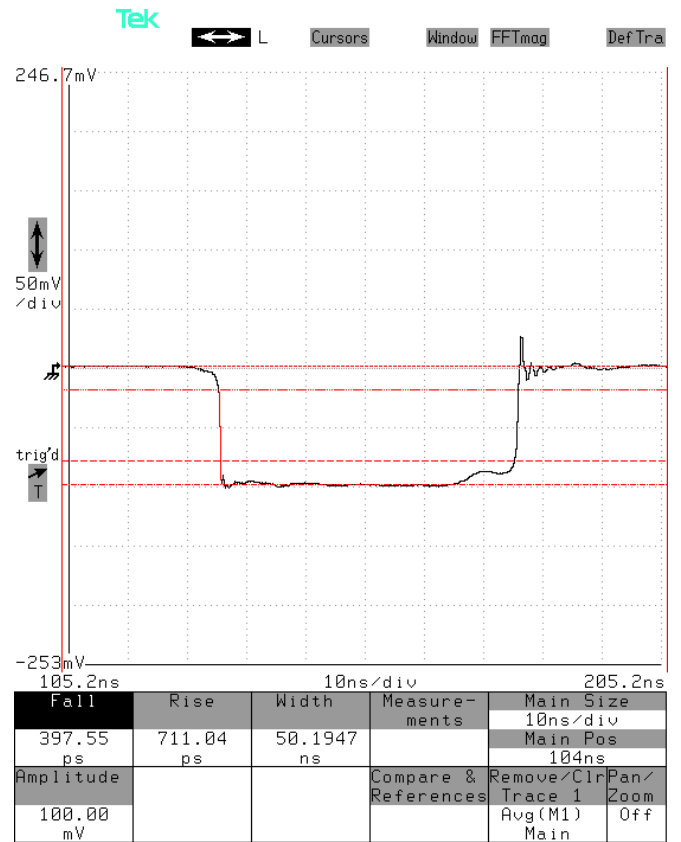
10 kHz, 5 us, +100V, full pulse,

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

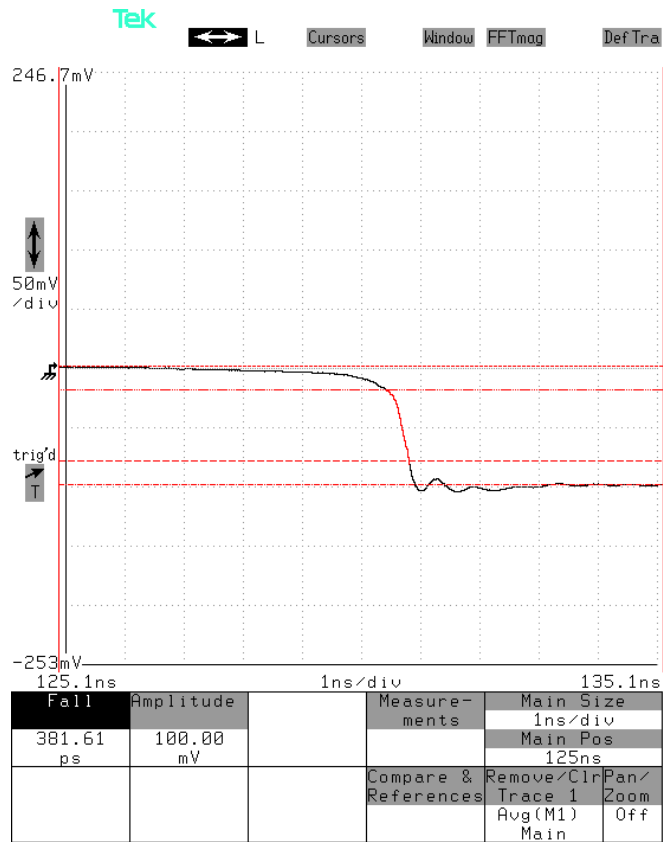


20 kHz, 50 ns, -100V, full pulse,

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



20 kHz, 500 ns, -100V, rising edge,  
 1 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):

