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☒ BOX 5120, LCD MERIVALE  
OTTAWA, ONTARIO  
CANADA K2C 3H5

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PERFORMANCE CHECKSHEET

Model: AVR-E5-B-PN  
Type: Ultra-High-Speed Pulse Generator  
S.N.: 13618  
Date: October 5, 2017

Output Amplitude: up to  $\pm 50V$ , to  $50\Omega$   
Pulse Width (FWHM): 1 to 10 ns  
Rise Time (20%-80%):  $\leq 500$  ps  
Fall Time (80%-20%):  $\leq 1$  ns  
PRF: 1 Hz – 1 MHz  
Jitter, Stability: OK  
Prime Power: 100-240V AC, 50-60 Hz.

Basic specifications: →

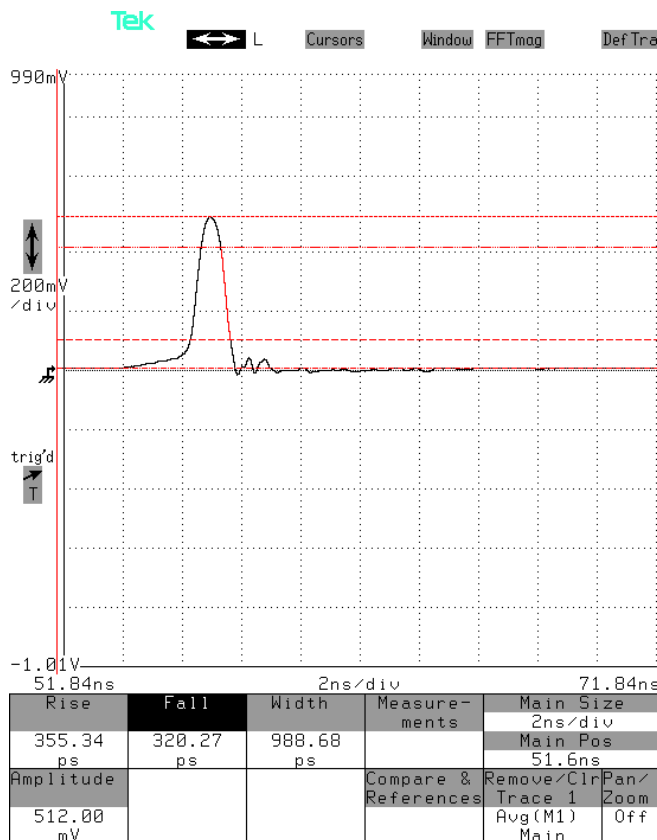
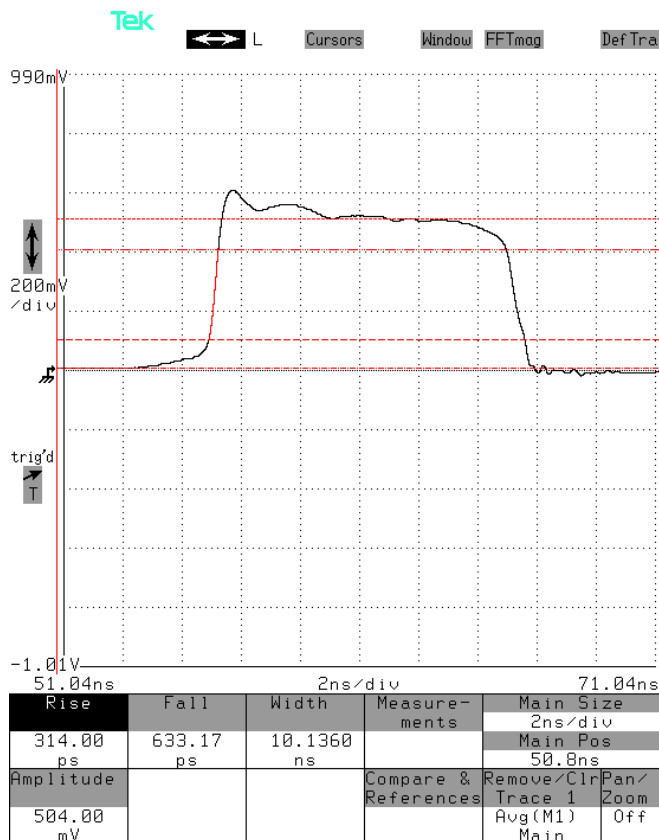
Test Waveforms

100 kHz, 10 ns, +50V,

100 kHz, 1 ns, +50V,

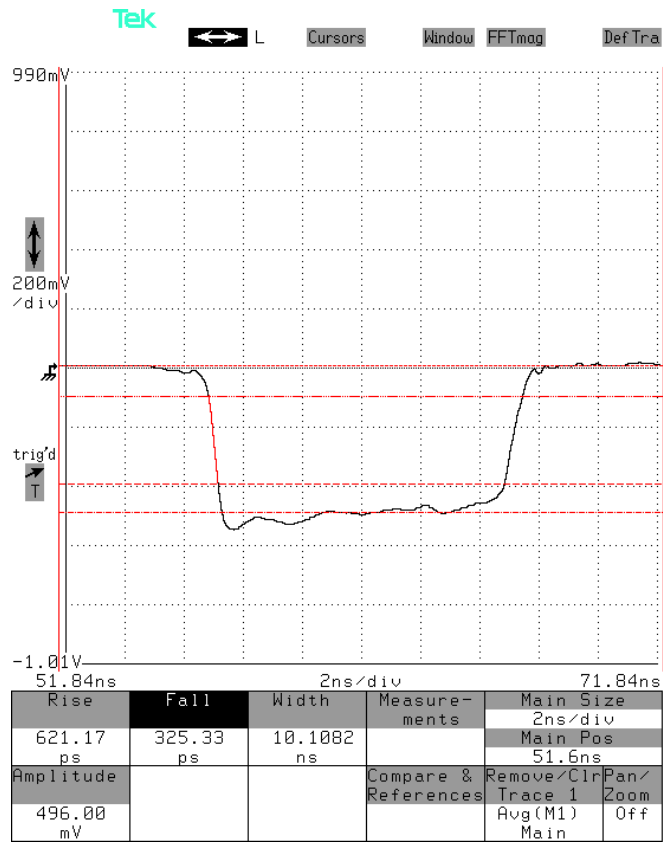
2 ns/div. 20 V/div (200 mV/div  $\times$  40 dB):

2 ns/div. 20 V/div (200 mV/div  $\times$  40 dB):



100 kHz, 10 ns, -50V,

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



100 kHz, 1 ns, -50V,

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

