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BOX 5120, LCD MERIVALE  
OTTAWA, CANADA K2C3H5

PERFORMANCE CHECKSHEET

Model: AVR-E2-B-W1-PN  
Type: Ultra-High-Speed Pulse Generator  
S.N.: 14035  
Date: October 21, 2020

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

Basic specifications: →

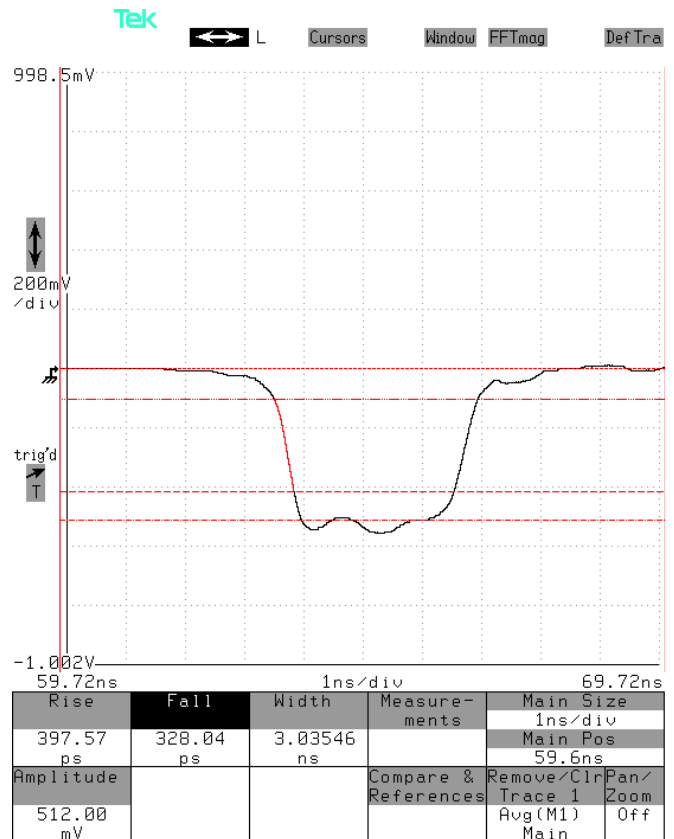
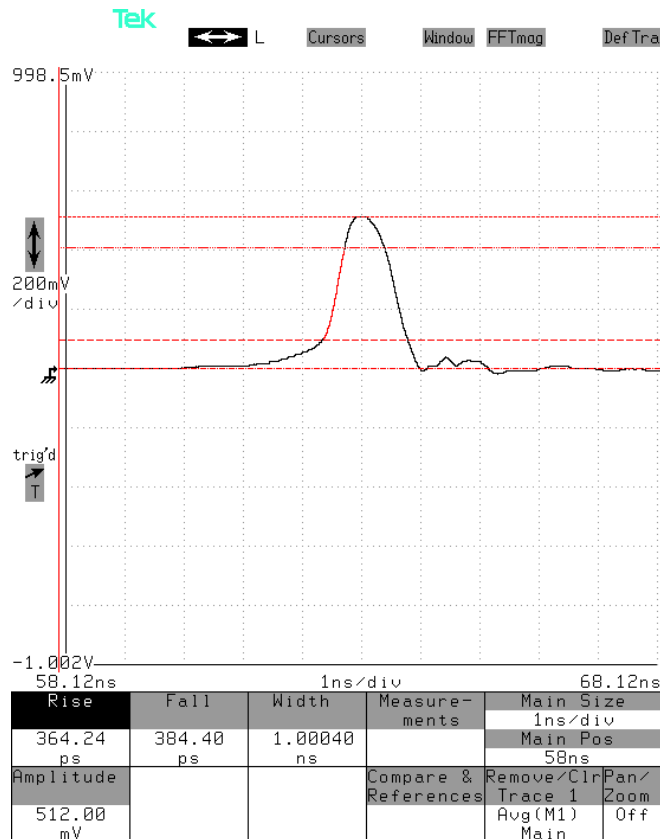
Test Waveforms

200 kHz, 1 ns, +50V,

200 kHz, 3 ns, -50V,

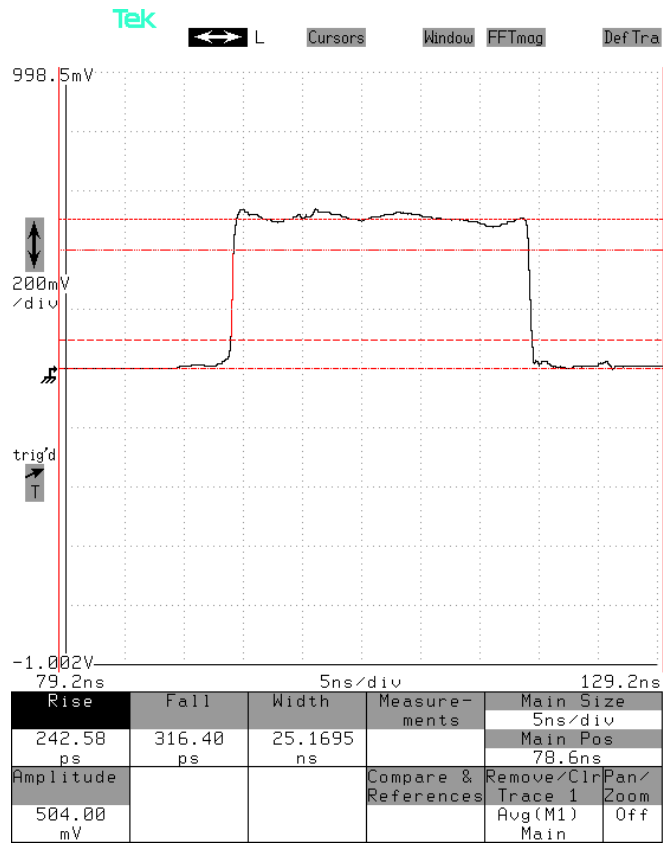
1 ns/div. 20 V/div (200 mV/div  $\times$  40 dB):

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



100 kHz, 25 ns, +50V,

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



100 kHz, 200 ns, -50V,

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

