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BOX 5120, LCD MERIVALE  
OTTAWA, CANADA K2C3H5

PERFORMANCE CHECKSHEET

Model: AVMR-2D-B-PN-OT-AC02  
Type: Ultra-High-Speed Pulse Generator  
S.N.: 14401  
Date: Janaury 10, 2024

Output Amplitude: up to  $\pm 20V$ , to  $50\Omega$   
Pulse Width (FWHM): 0.5 to 200 ns  
Rise Time (20%-80%):  $\leq 200$  ps  
Fall Time (80%-20%): varies  
PRF: 1 Hz - 10 MHz  
Jitter, Stability: OK  
Prime Power: 100-240V AC, 50-60 Hz.

Basic specifications: →

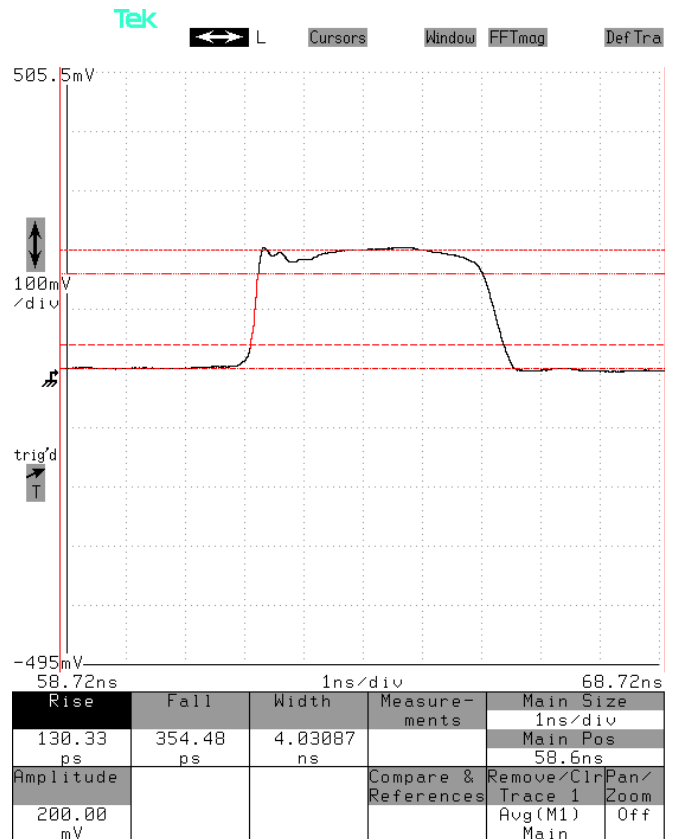
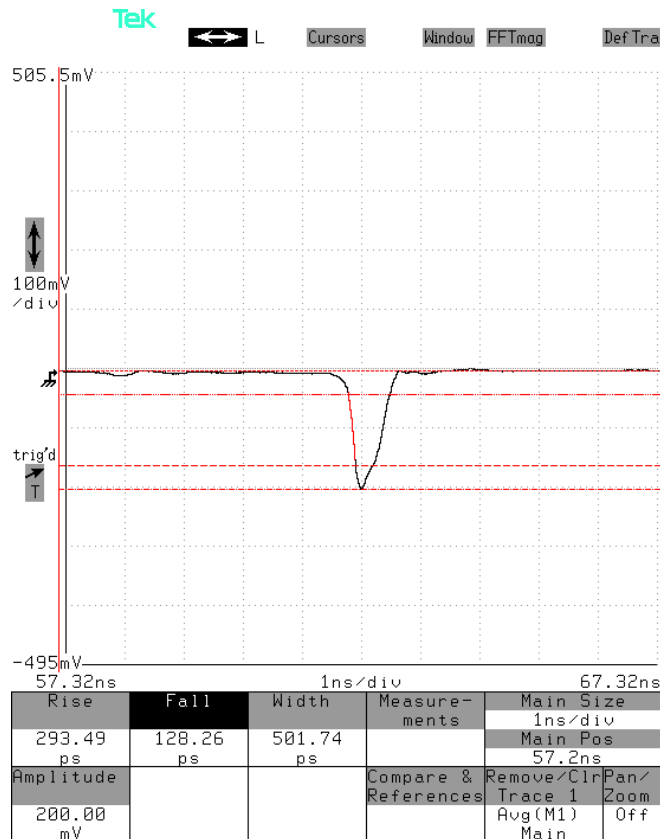
Test Waveforms

100 kHz, 0.5 ns, -20V,

1 ns/div. 10 V/div (100 mV/div  $\times$  40 dB):

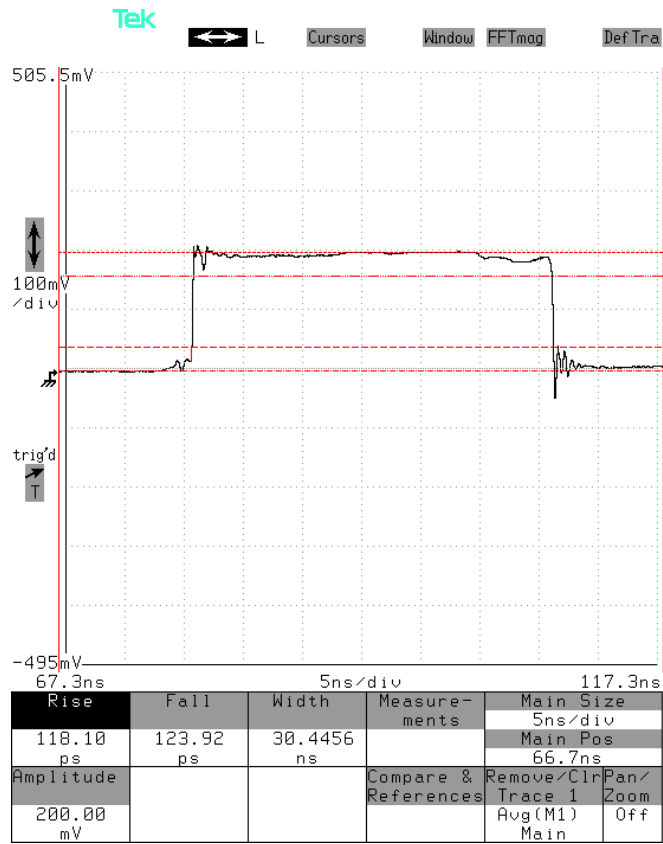
10 kHz, 4 ns, +20V,

1 ns/div. 10 V/div (100 mV/div  $\times$  40 dB):



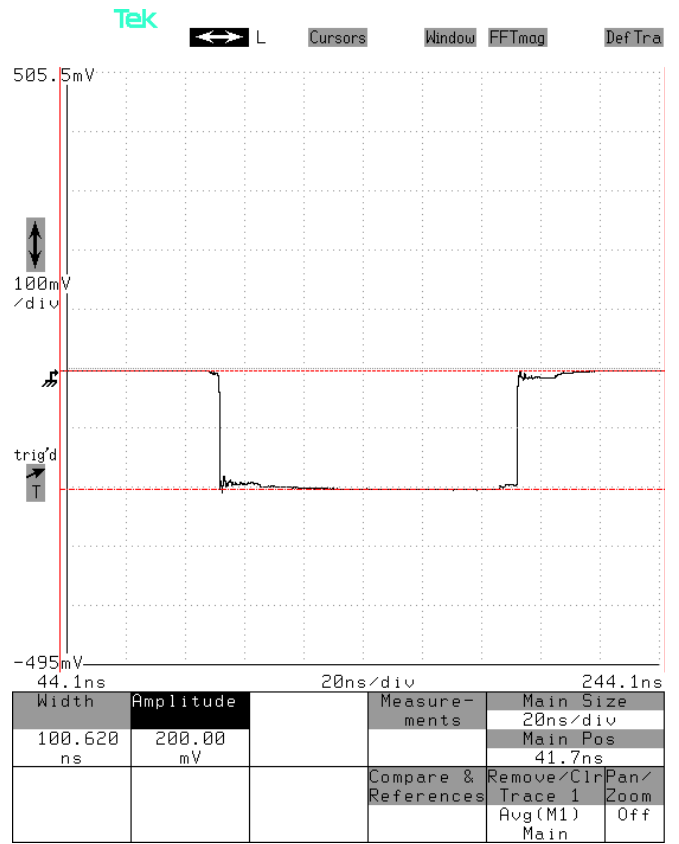
100 kHz, 30 ns, +20V,

5 ns/div. 10 V/div (100 mV/div × 40 dB):

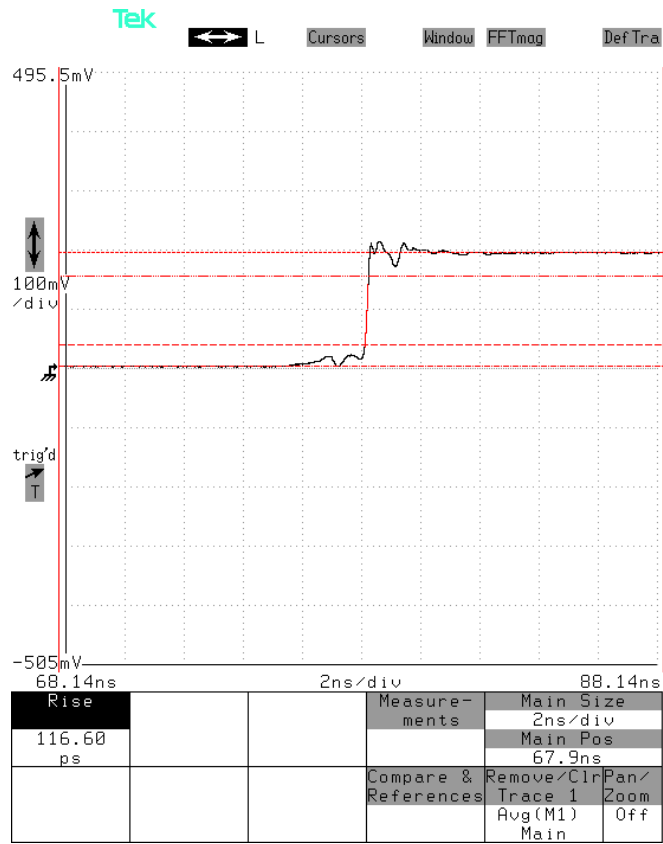


100 kHz, 100 ns, -20V,

20 ns/div. 10 V/div (100 mV/div × 40 dB):



100 kHz, 200 ns, +20V, leading edge,  
 2 ns/div. 10 V/div (100 mV/div × 40 dB):



100 kHz, 200 ns, +20V, trailing edge,  
 2 ns/div. 10 V/div (100 mV/div × 40 dB):

