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BOX 5120, LCD MERIVALE
OTTAWA, CANADA K2C3H5

PERFORMANCE CHECKSHEET

Model: AVR-E1-B-PN-W3
Type: Ultra-High-Speed Pulse Generator
S.N.: 13880
Date: May 28, 2019

Output Amplitude: up to $\pm 20V$, to 50Ω
Pulse Width (FWHM): 1 ns to 5 us
Rise Time (20%-80%): ≤ 300 ps
Fall Time (80%-20%): ≤ 600 ps
PRF: 1 Hz - 20 kHz
Jitter, Stability: OK
Prime Power: 100-240V AC, 50-60 Hz.

Basic specifications: →

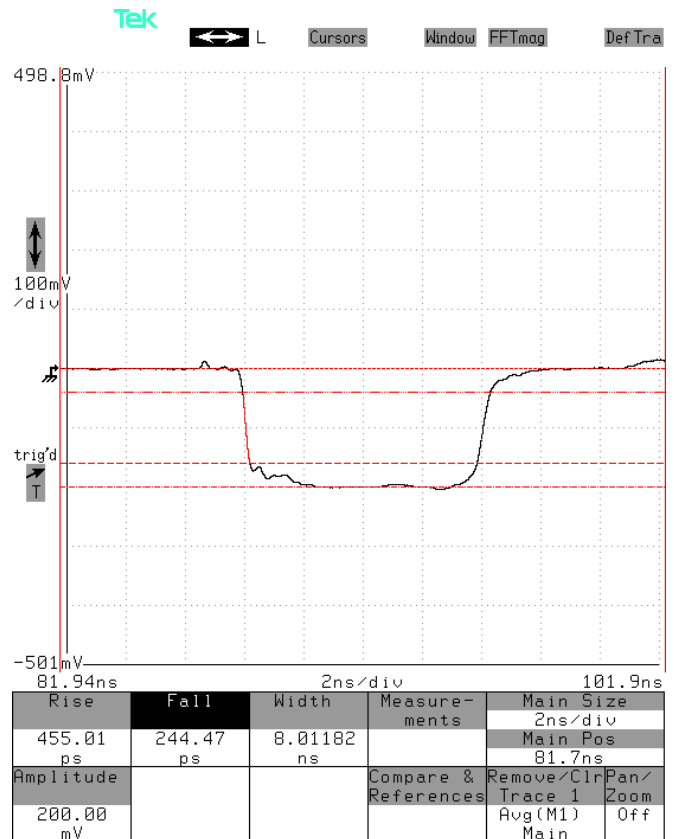
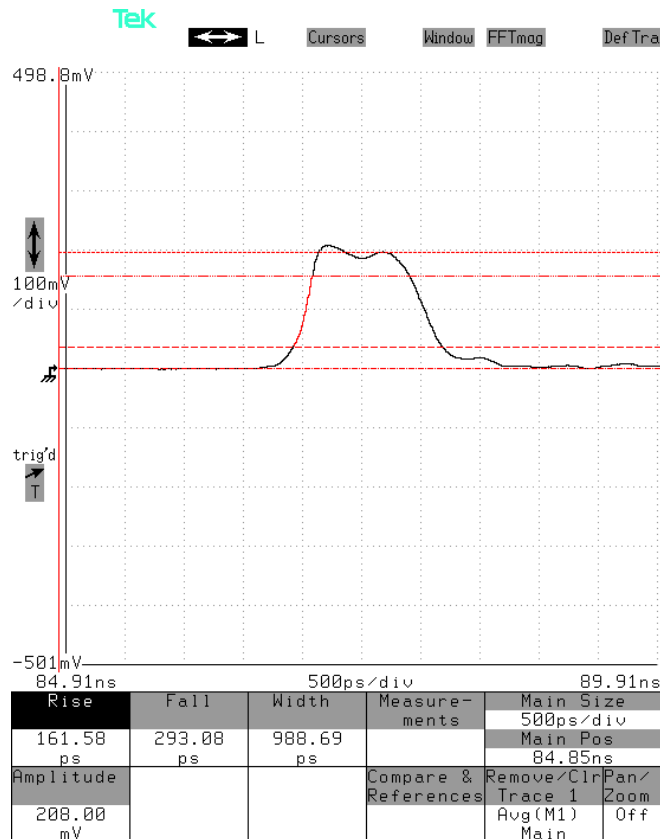
Test Waveforms

20 kHz, 1 ns, +20V,

20 kHz, 8 ns, -20V,

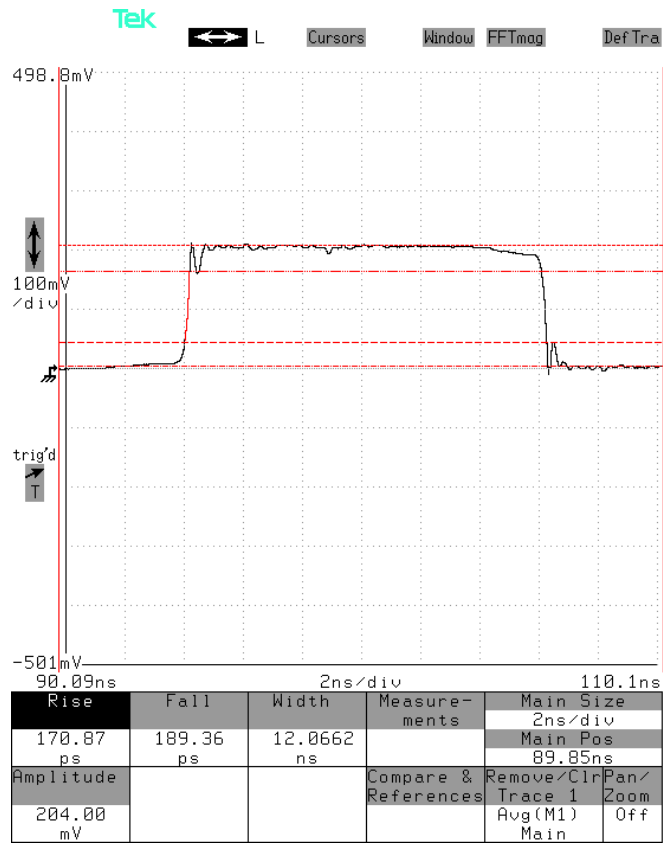
500 ps/div. 10 V/div (100 mV/div \times 40 dB):

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



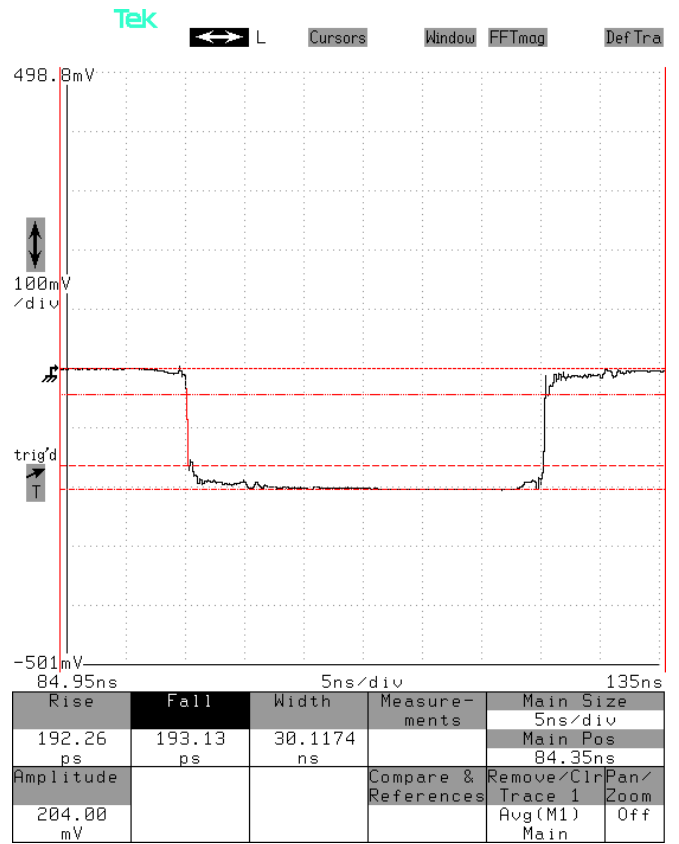
20 kHz, 12 ns, +20V,

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



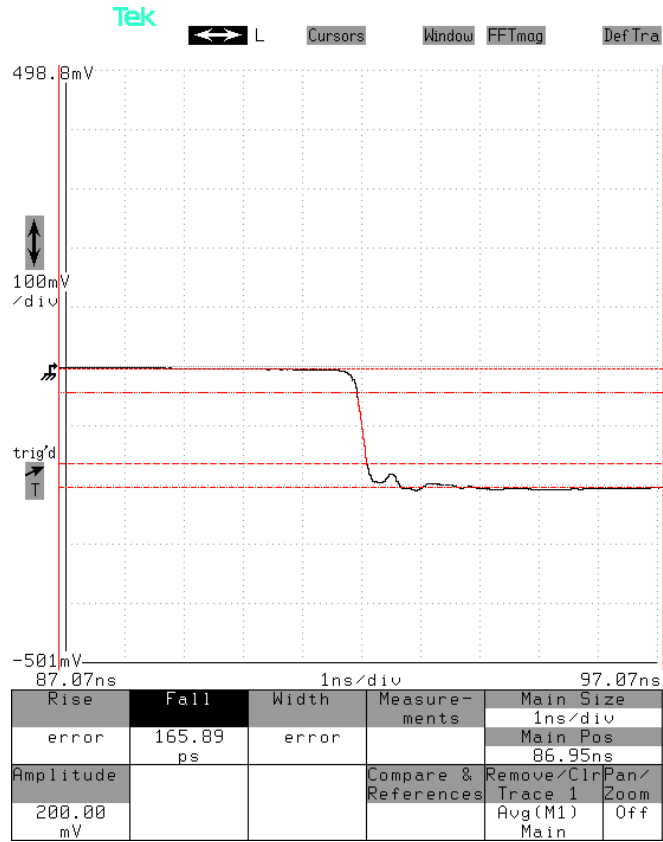
20 kHz, 30 ns, -20V,

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



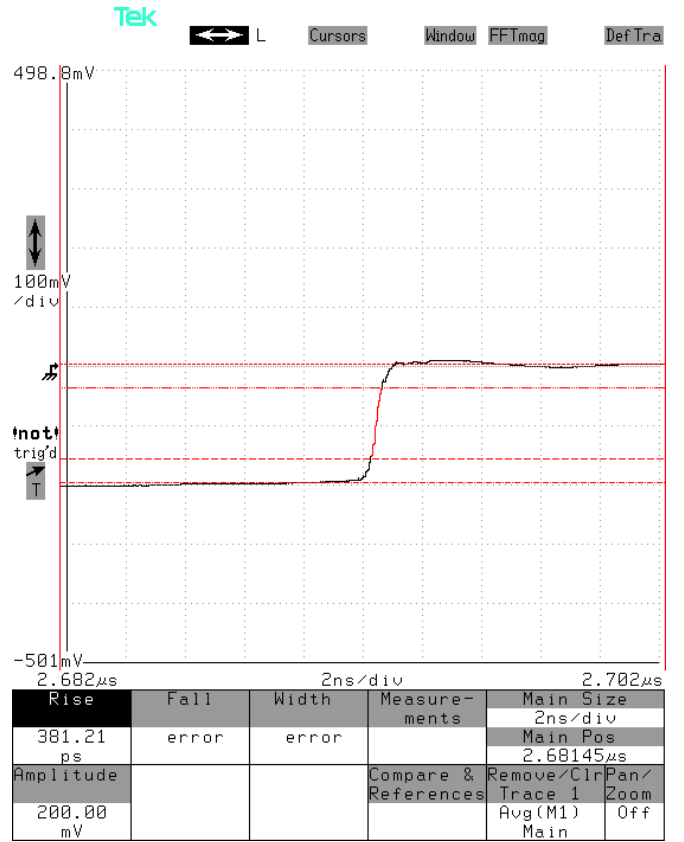
20 kHz, 2.5 us, -20V, leading edge,

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



20 kHz, 2.5 us, -20V, trailing edge,

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



10 kHz, 5 us, +20V,

1 us/div. 10 V/div (100 mV/div × 40 dB):

