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BOX 5120, LCD MERIVALE
OTTAWA, CANADA K2C3H5

PERFORMANCE CHECKSHEET

Model: AVR-J2-B-W3-PN-OS-AK1-AK8-CC1
Type: Ultra-High-Speed Pulse Generator
S.N.: 13982
Date: June 18, 2020

Output Amplitude: up to $\pm 50V$, to 50Ω
Pulse Width (FWHM): 2.5 ns to 5 ns
Rise Time (20%-80%): ≤ 1.2 ns
Fall Time (80%-20%): ≤ 1.5 ns
PRF: 1 Hz - 20 kHz
Jitter, Stability: OK
Prime Power: 100-240V AC, 50-60 Hz.

Basic specifications: →

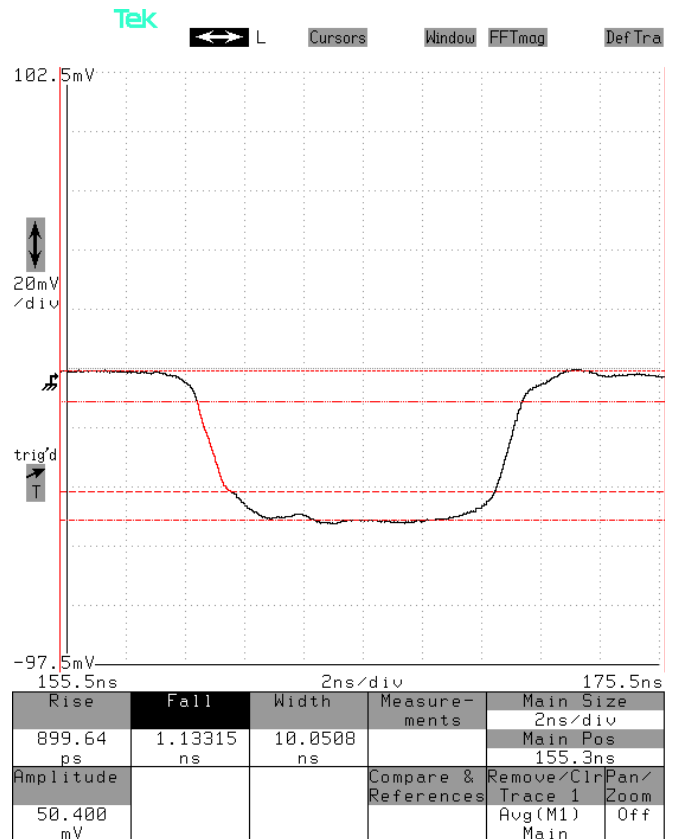
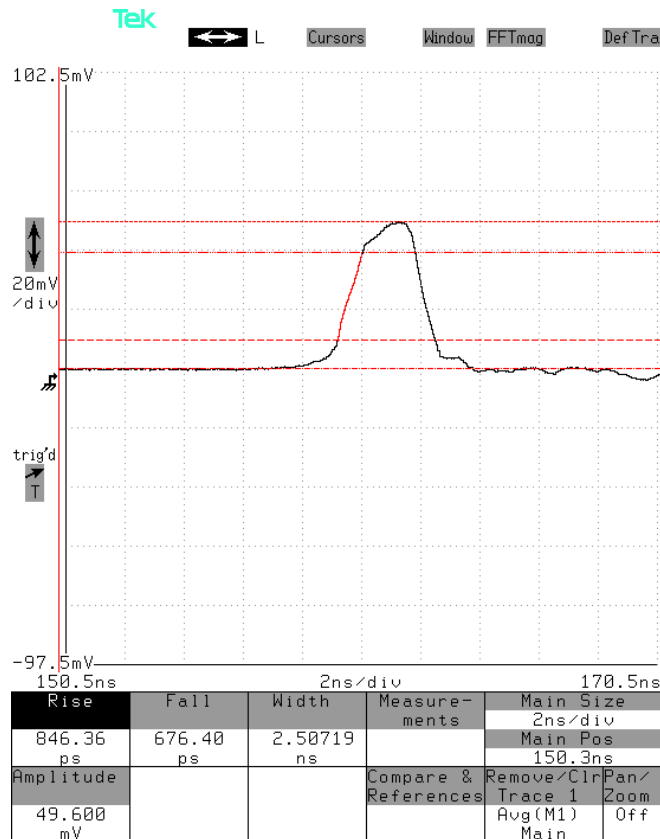
Test Waveforms

20 kHz, 2.5 ns, +50V,

20 kHz, 10 ns, -50V,

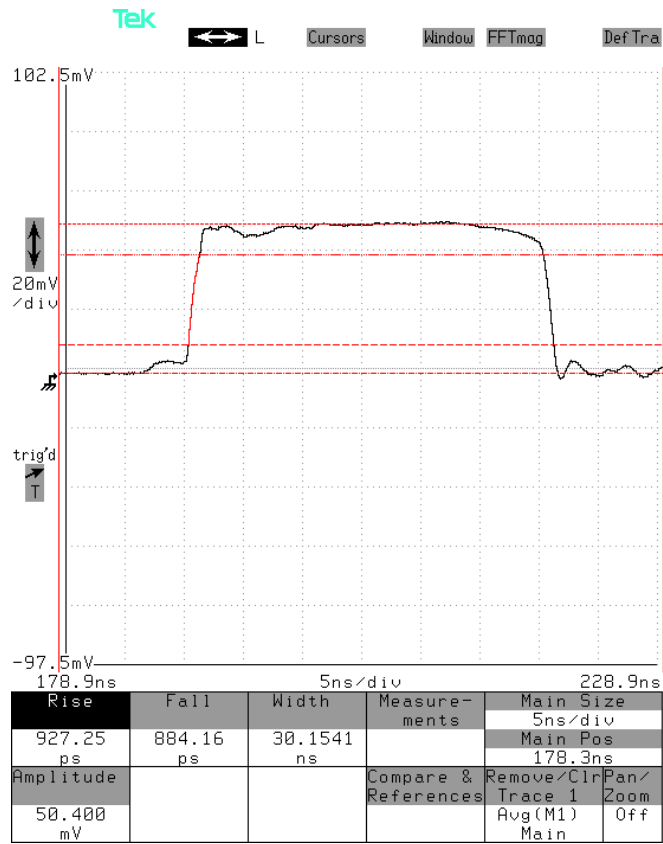
2 ns/div. 20 V/div (20 mV/div \times 60 dB):

2 ns/div. 20 V/div (20 mV/div \times 60 dB):



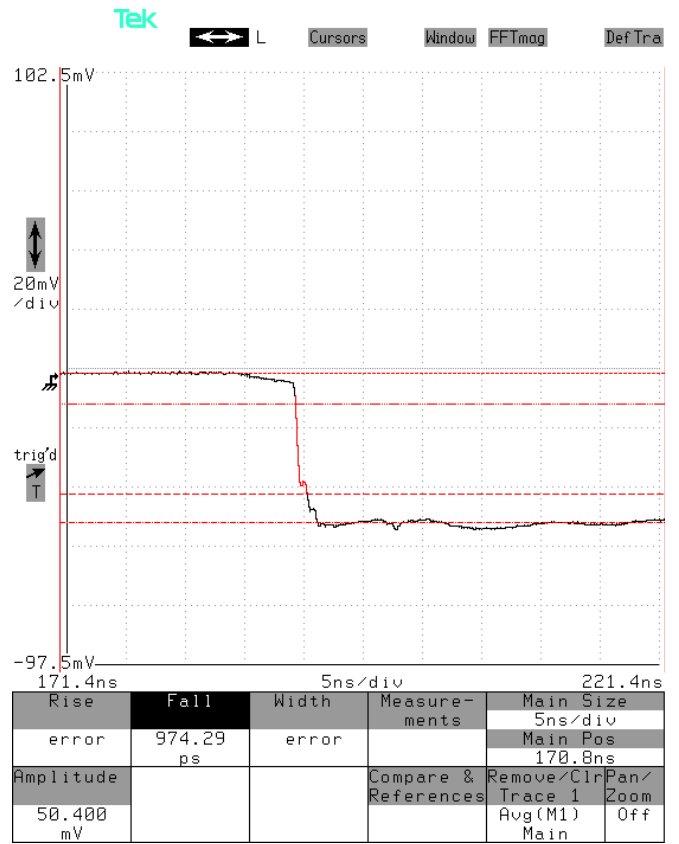
20 kHz, 30 ns, +50V,

5 ns/div. 20 V/div (20 mV/div × 60 dB):

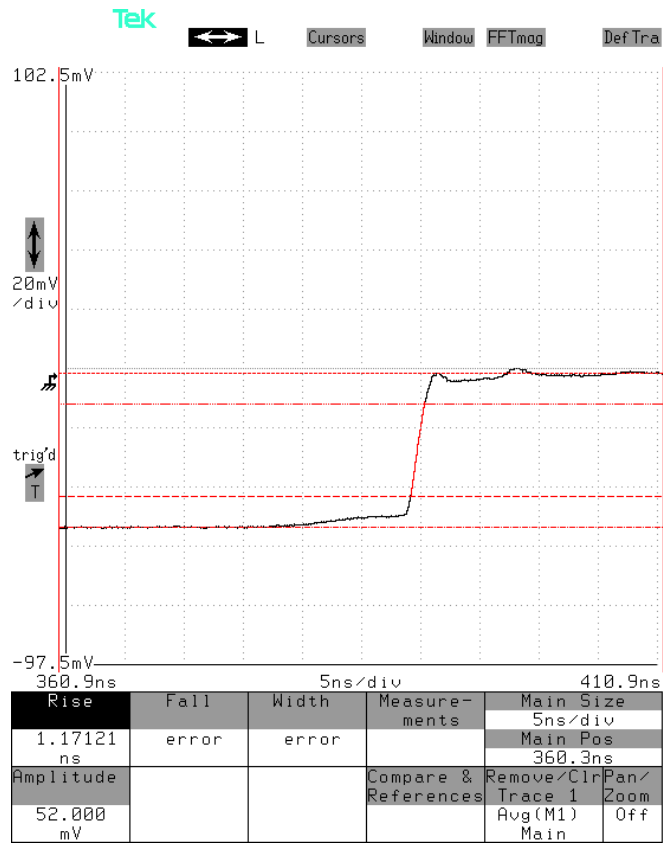


20 kHz, 200 ns, -50V, leading edge,

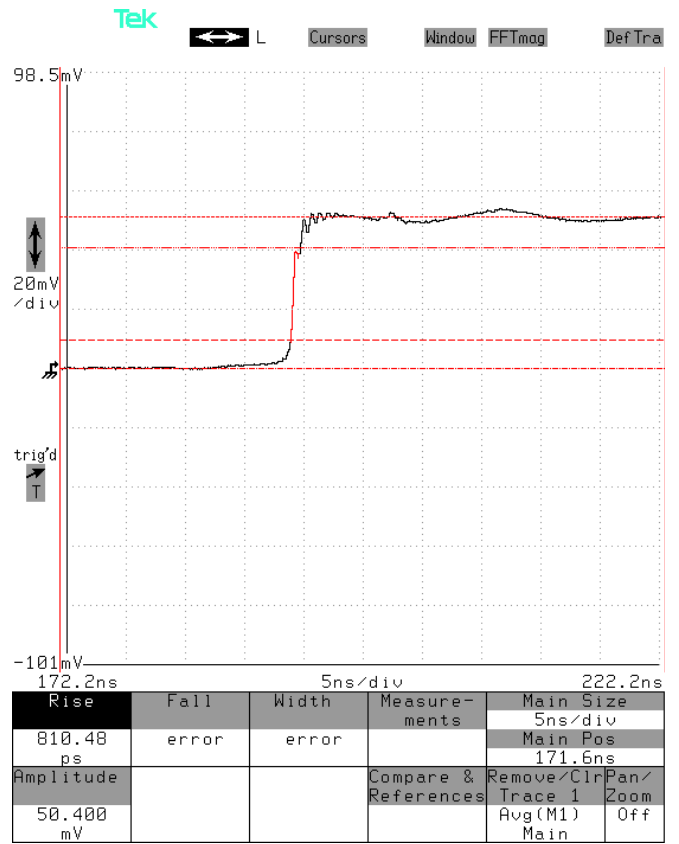
5 ns/div. 20 V/div (20 mV/div × 60 dB):



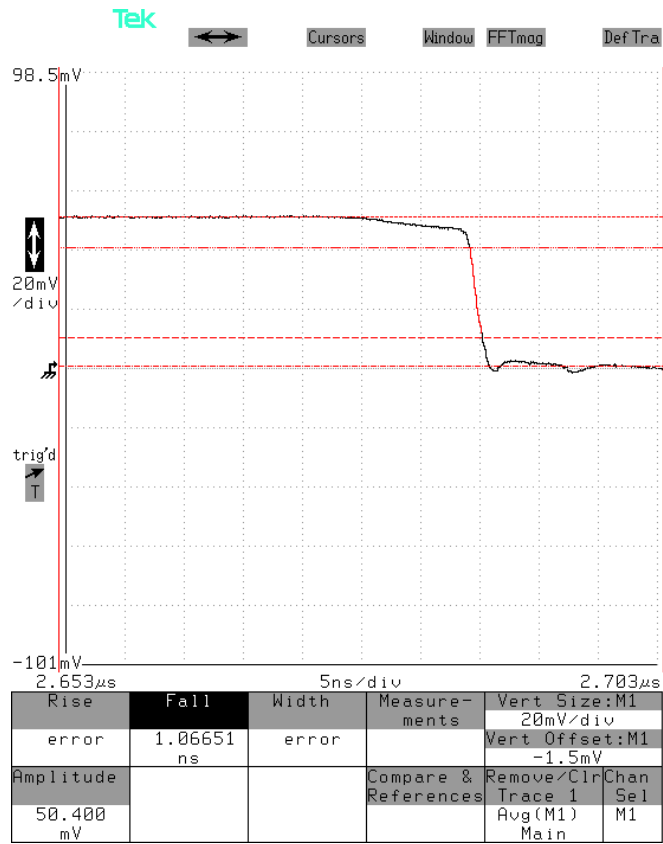
20 kHz, 200 ns, -50V, trailing edge,
 5 ns/div. 20 V/div (20 mV/div × 60 dB):



10 kHz, 2.5 us, +50V, leading edge,
 5 ns/div. 20 V/div (20 mV/div × 60 dB):



10 kHz, 2.5 us, +50V, trailing edge,
 5 ns/div. 20 V/div (20 mV/div × 60 dB):



10 kHz, 5 us, -50V,
 1 us/div. 20 V/div (20 mV/div × 60 dB):

