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BOX 5120, LCD MERIVALE
OTTAWA, CANADA K2C3H5

PERFORMANCE CHECKSHEET

Model: AVPP-2A-B-PN-AK1
Type: Ultra-High-Speed Pulse Generator
S.N.: 14194
Date: January 18, 2022

Output Amplitude: up to +/-20V, to 50Ω
Pulse Width (FWHM): < 0.5 ns to 1 us
Rise Time (20%-80%): ≤ 200 ps
Fall Time (80%-20%): ≤ 200 ps / 500 ps
PRF: 1 Hz - 100 kHz
Jitter, Stability: OK
Prime Power: 100-240V AC, 50-60 Hz.

Basic specifications: →

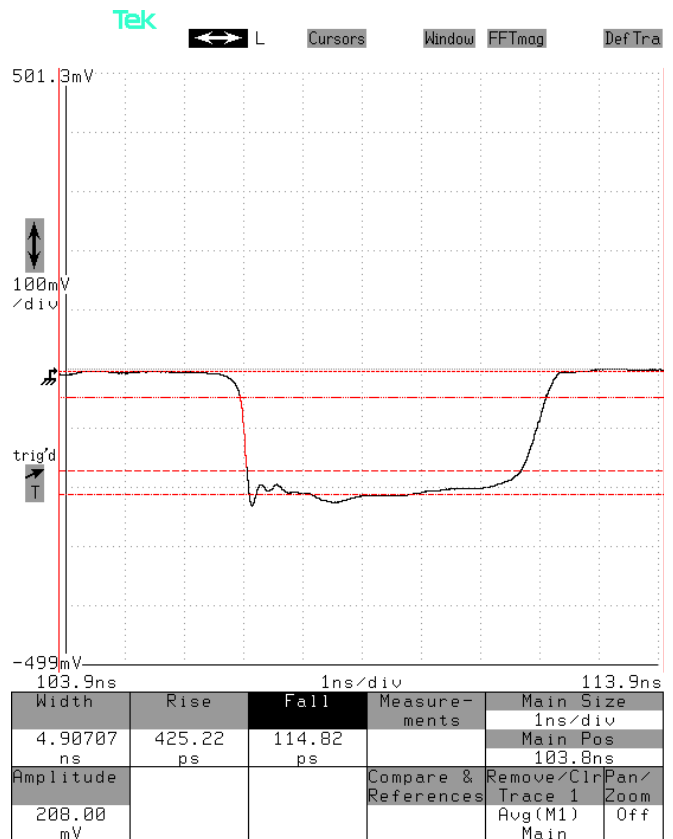
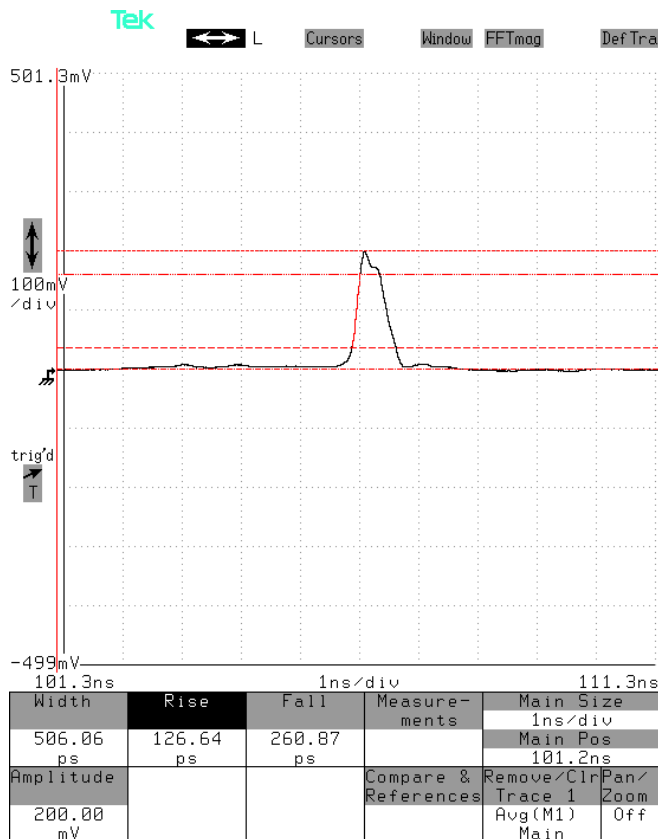
Test Waveforms

10 kHz, 0.5 ns, +20V,

10 kHz, 5 ns, -20V,

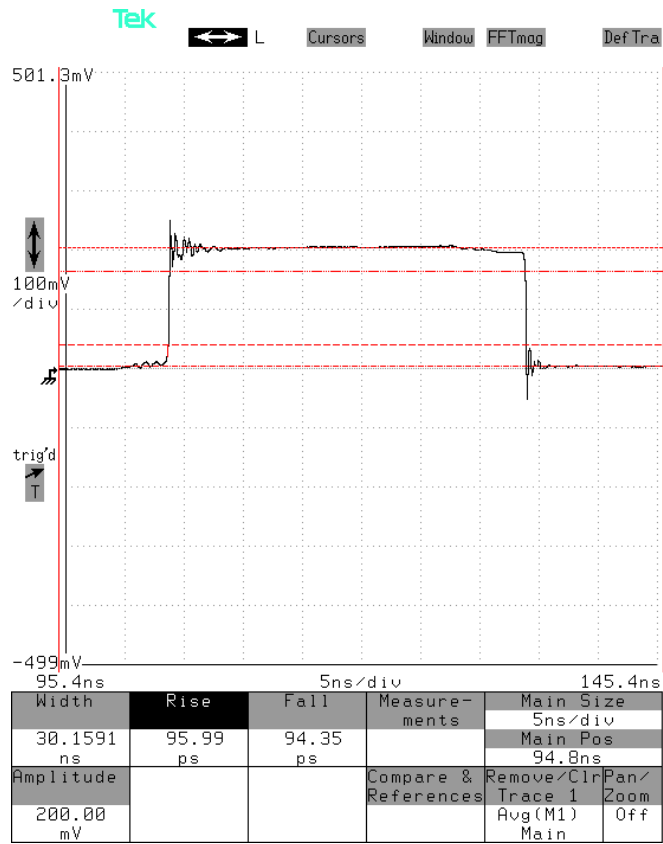
1 ns/div. 10 V/div (100 mV/div × 40 dB):

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



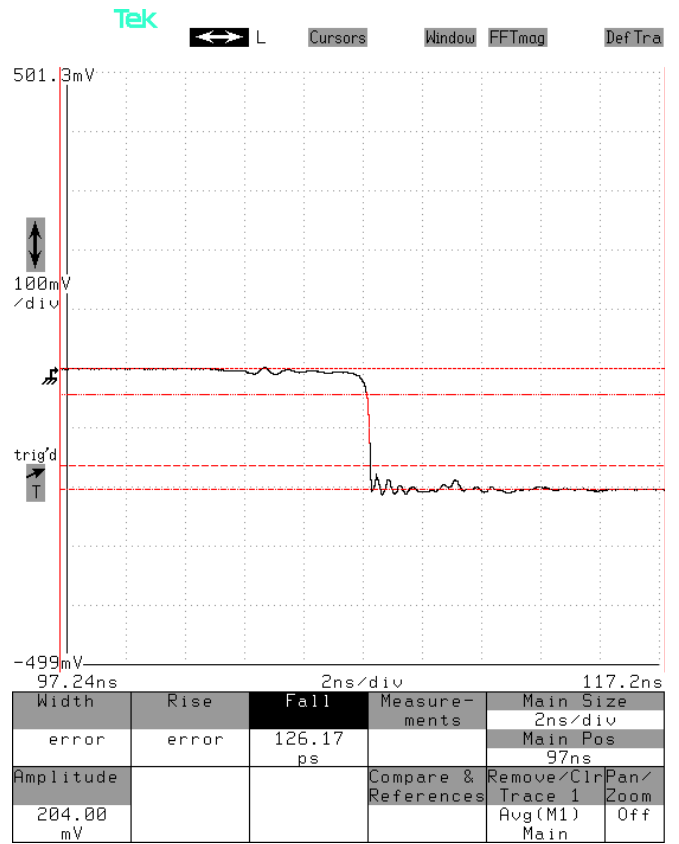
10 kHz, 30 ns, +20V,

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

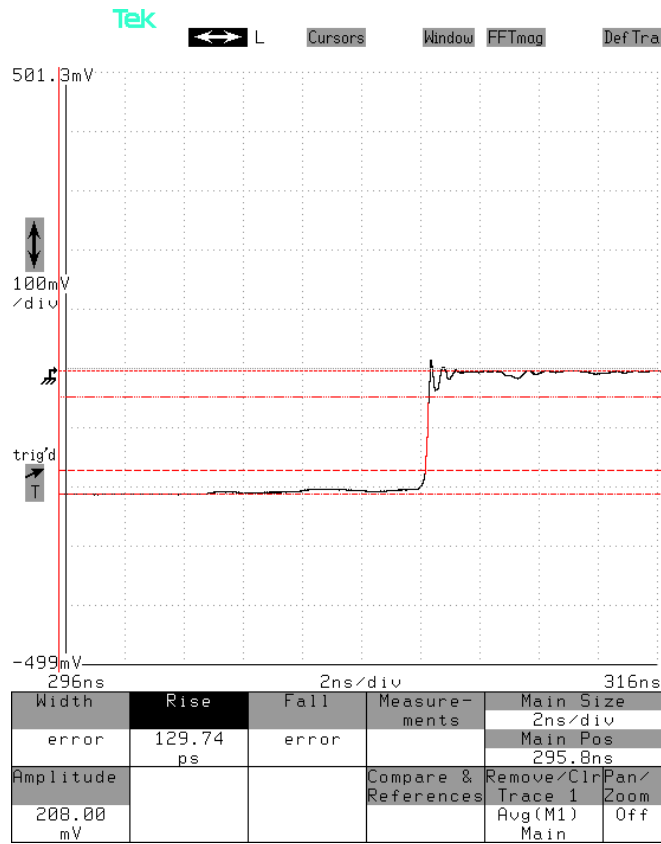


10 kHz, 200 ns, -20V, leading edge,

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



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



10 kHz, 1 us, +20V,
 2 ns/div. 10 V/div (100 mV/div × 40 dB):

