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BOX 5120, LCD MERIVALE
OTTAWA, CANADA K2C3H5

PERFORMANCE CHECKSHEET

Model: AV-1011B5-B-AK8
Type: High-Speed Pulse Generator
S.N.: 14441
Date: June 19, 2024

Output Amplitude: up to $\pm 50V$, to 50 Ω
Pulse Width (FWHM): 100 ns – 1 ms
Rise Time (20%-80%): ≤ 0.7 ns
Fall Time (80%-20%): varies
PRF: 1 Hz - 100 kHz
Jitter, Stability: OK
Prime Power: 100-240V AC, 50-60 Hz.

Basic specifications: →

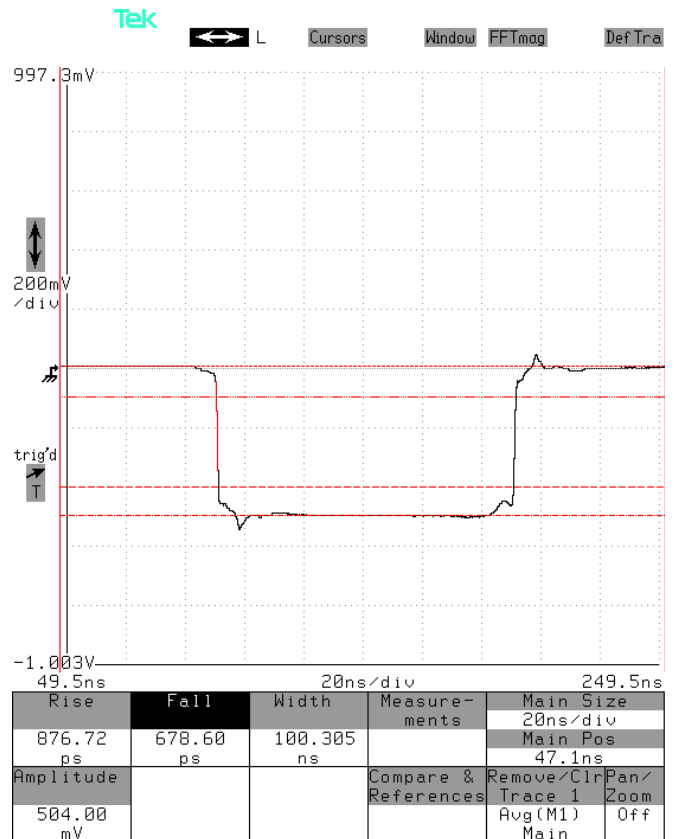
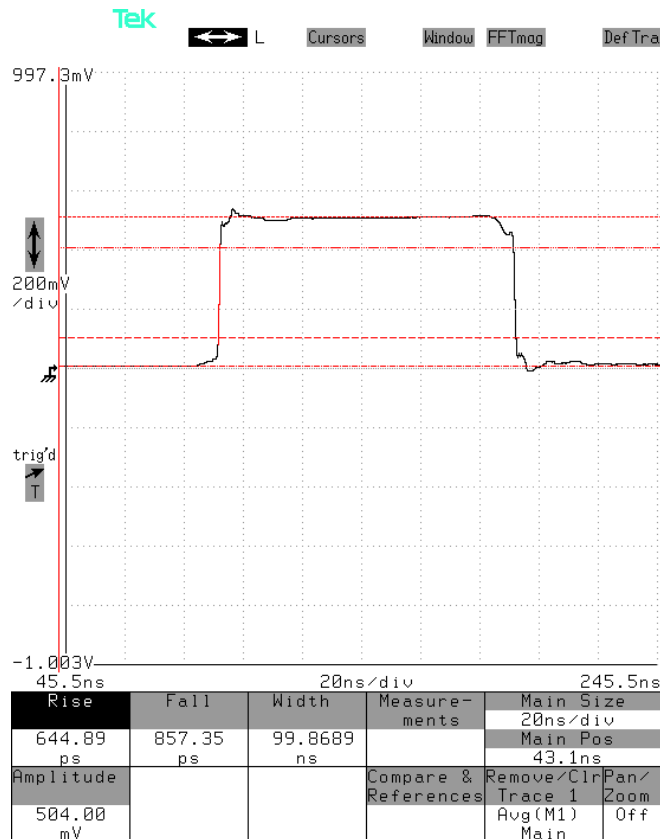
Test Waveforms

10 kHz, +50V, 100 ns, to 50 Ohms,

10 kHz, -50V, 100 ns, to 50 Ohms,

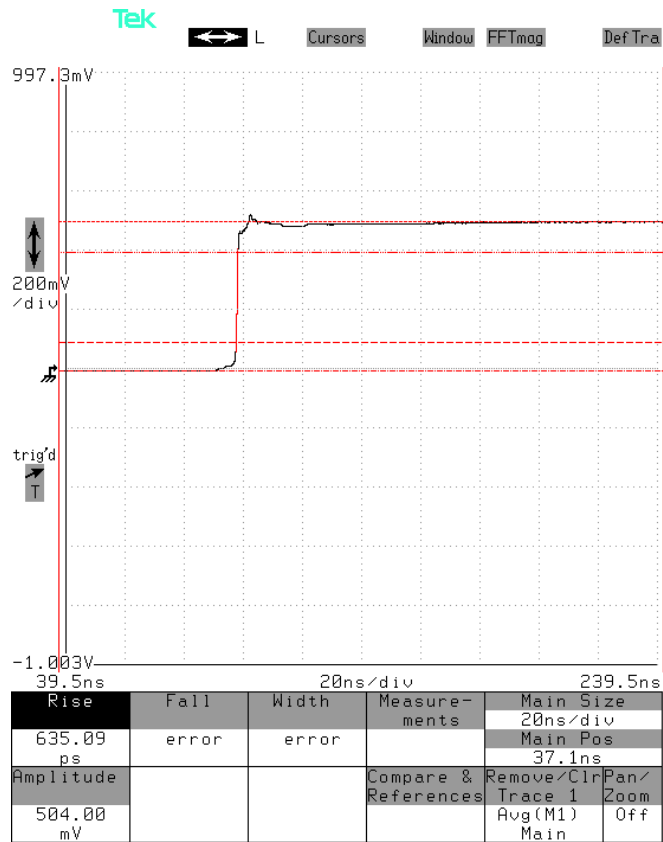
20 ns/div. 20 V/div (200 mV/div \times 40 dB):

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



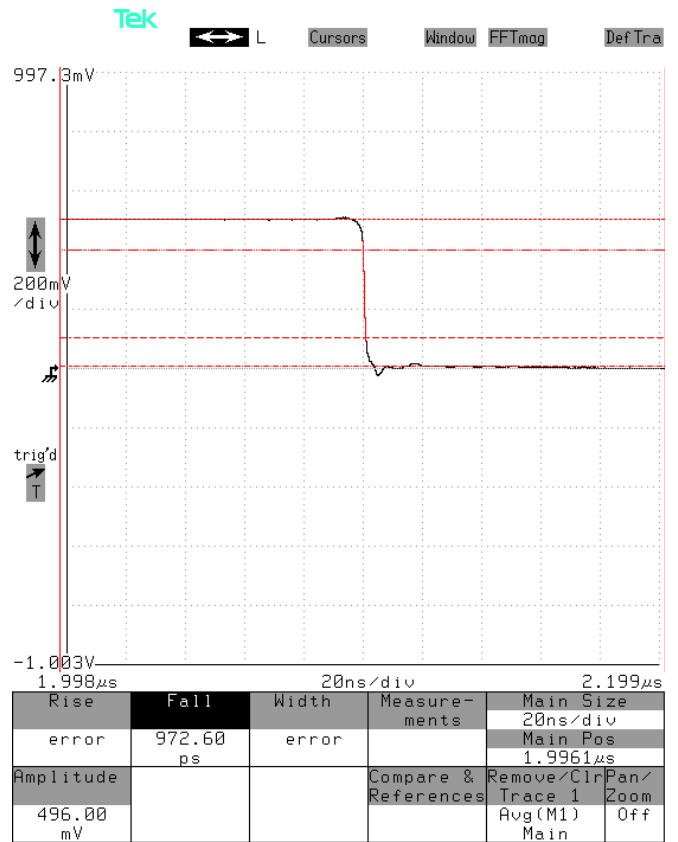
10 kHz, +50V, 2 us, to 50 Ohms, leading edge,

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



10 kHz, +50V, 2 us, to 50 Ohms, trailing edge,

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



10 Hz, -100V, 1 ms, to 50 Ohms,

200 us/div. 50 V/div:

