



AVTECH ELECTROSYSTEMS LTD.

NANOSECOND WAVEFORM ELECTRONICS
SINCE 1975

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☒ BOX 5120, LCD MERIVALE
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PERFORMANCE CHECKSHEET

Model:	AVR-E2-B-PN-AK1-AK8-AC03-W1-ATA3	Output Amplitude:	up to $\pm 50V$, to 50 Ω
Type:	Ultra-High-Speed Pulse Generator	Pulse Width (FWHM):	1 ns – 200 ns
S.N.:	13778	Rise Time (20%-80%):	≤ 500 ps
Date:	October 25, 2018	Fall Time (80%-20%):	≤ 1 ns
		PRF:	1 Hz - 200 kHz
		Jitter, Stability:	OK
		Prime Power:	100-240V AC, 50-60 Hz.

Basic specifications: →

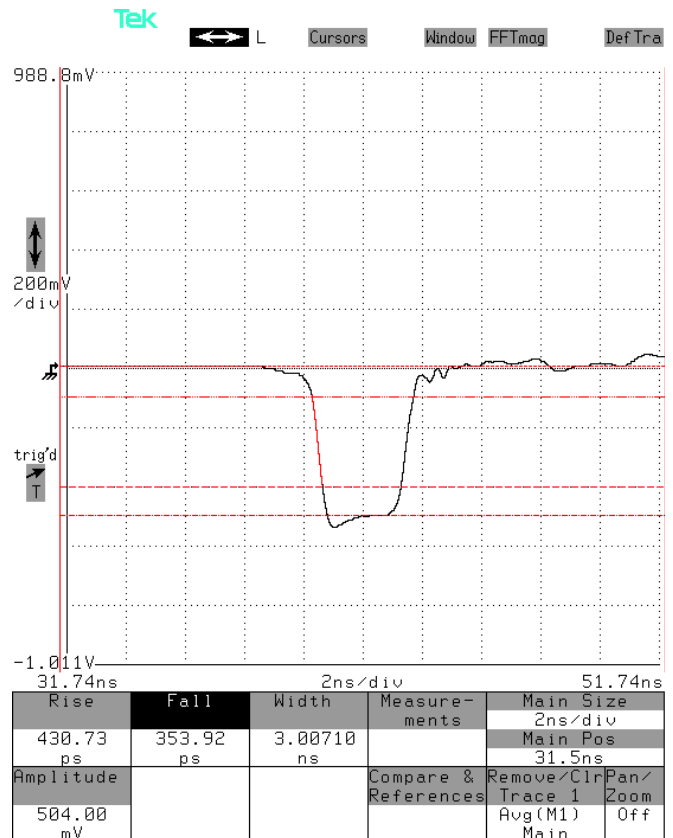
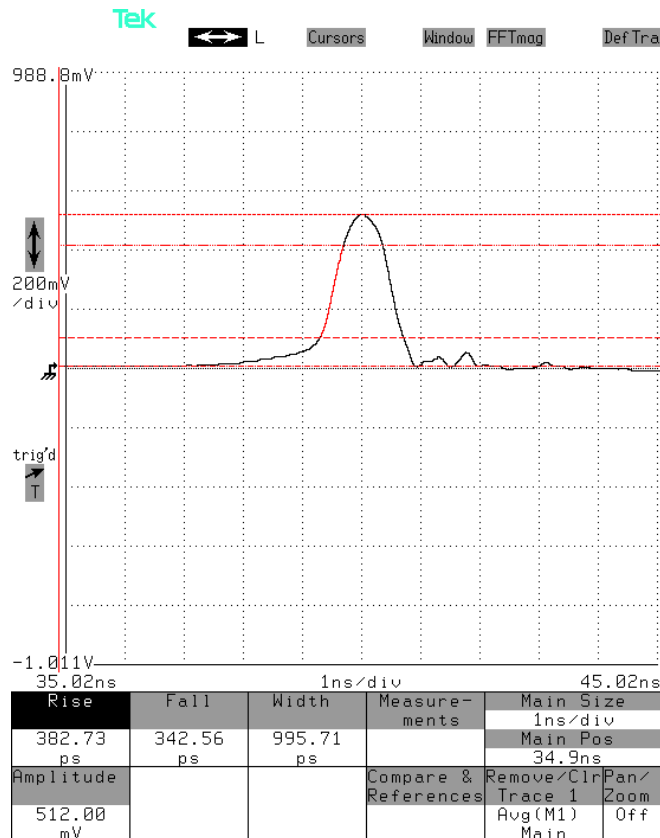
Test Waveforms

200 kHz, 1 ns, +50V,

200 kHz, 3 ns, -50V,

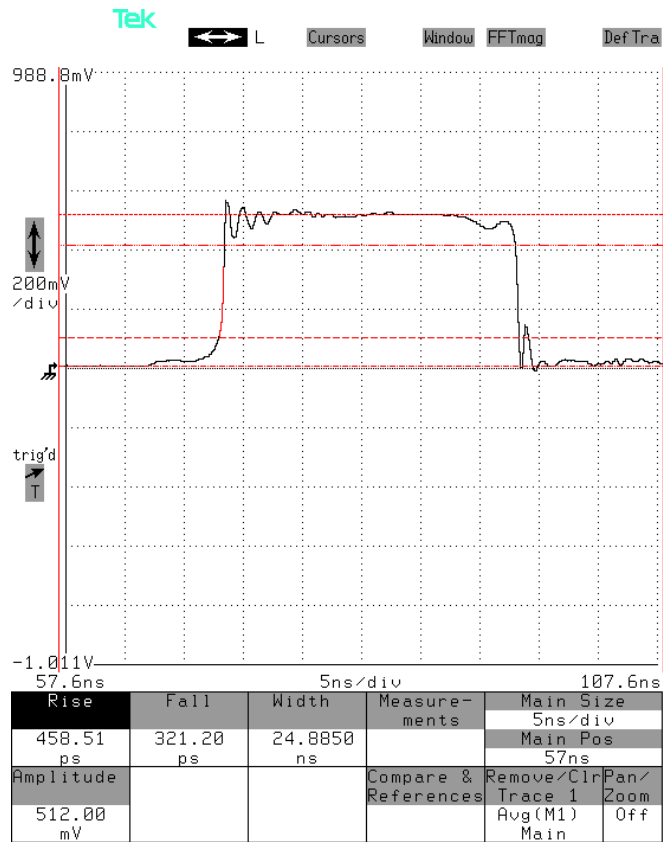
1 ns/div. 20 V/div (200 mV/div \times 40 dB):

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



100 kHz, 25 ns, +50V,

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



100 kHz, 200 ns, -50V,

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

