



AVTECH ELECTROSYSTEMS LTD.

NANOSECOND WAVEFORM ELECTRONICS
SINCE 1975

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BOX 5120, LCD MERIVALE
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PERFORMANCE CHECKSHEET

Model: AVR-E5-B-P-MITC
Type: Ultra-High-Speed Pulse Generator
S.N.: 12255
Date: May 1, 2009

Output Amplitude: +1 to +100V, to 50Ω
Pulse Width (FWHM): 6 – 30 ns
Rise Time (20%-80%): ≤ 2 ns
Fall Time (80%-20%): ≤ 2 ns
PRF: 1 Hz - 2 MHz
Jitter, Stability: OK
Prime Power: 100-240V AC, 50-60 Hz.

Basic specifications: →

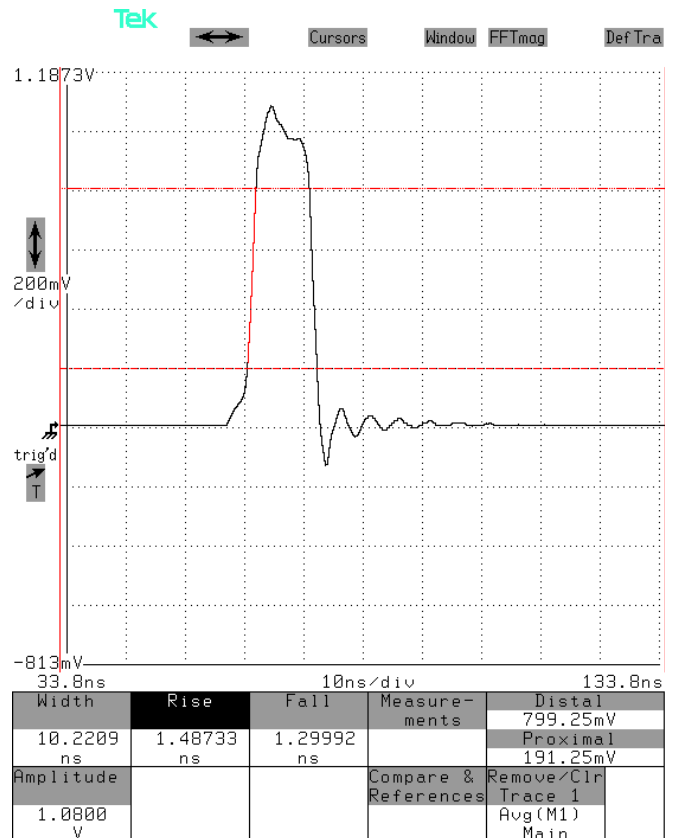
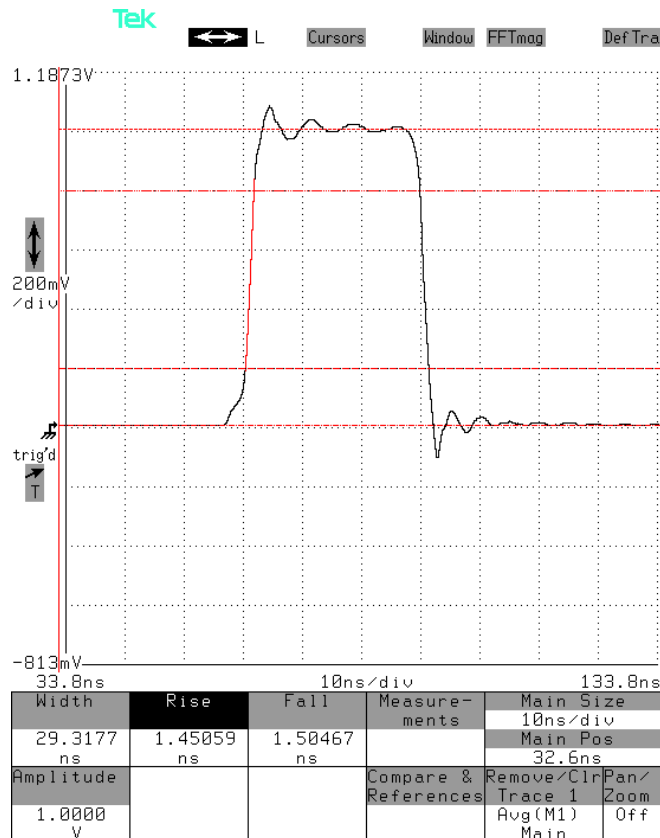
Test Waveforms

+100V, 30 ns, 10 kHz,

+100V, 10 ns, 10 kHz,

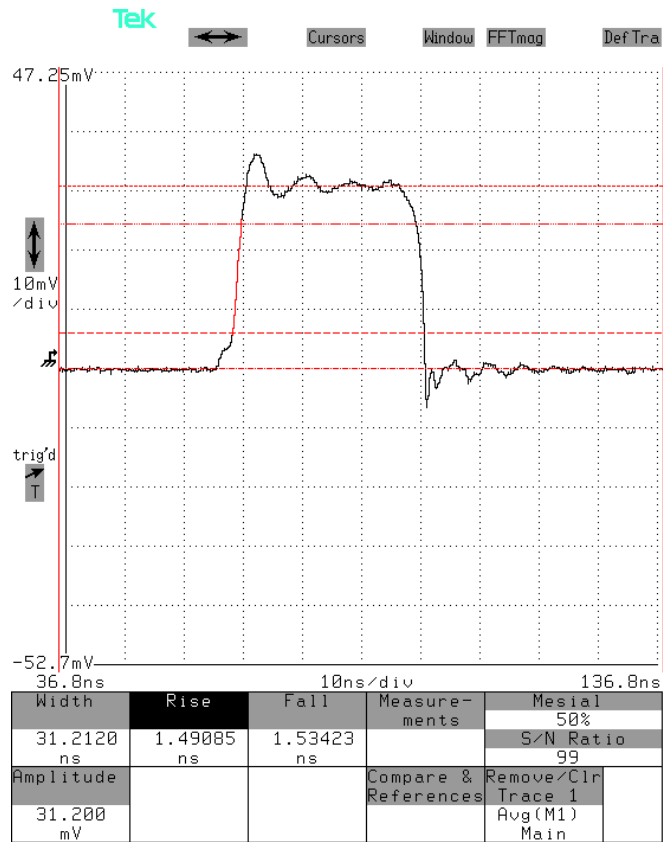
10 ns/div. 20 V/div (200 mV × 40 dB):

10 ns/div. 20 V/div (200 mV × 40 dB):



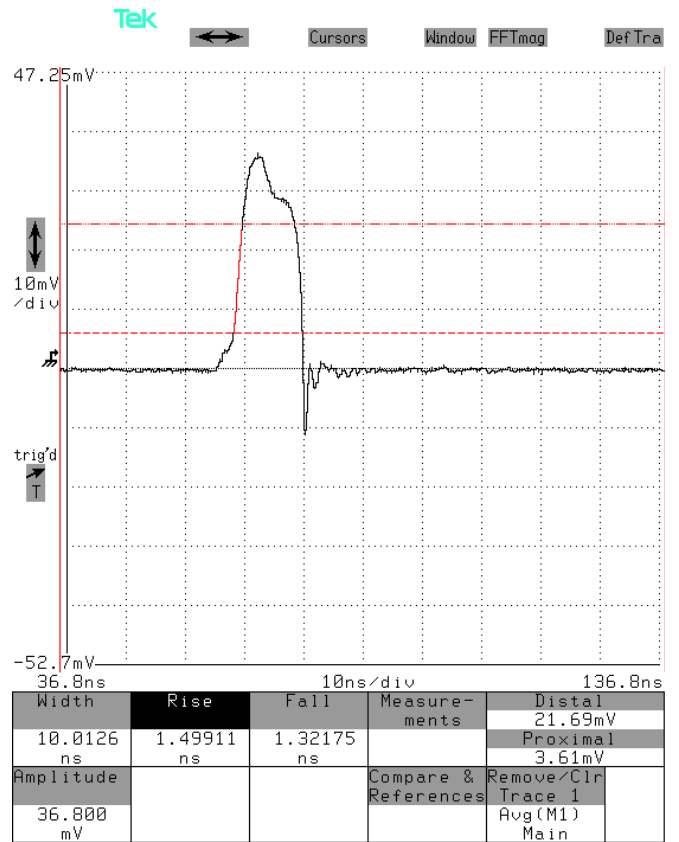
+3V, 30 ns, 10 kHz,

10 ns/div. 1 V/div (10 mV × 40 dB):



+3V, 10 ns, 10 kHz,

10 ns/div. 1 V/div (10 mV × 40 dB):



+100V, 30 ns, 2 MHz,

10 ns/div. 20 V/div (200 mV × 40 dB):

