



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-C-R5-PN-OS200
Type: Ultra-High-Speed Pulse Generator
S.N.: 11912
Date: February 13, 2008

Output Amplitude: 0 to ±50V, to 50Ω
Pulse Width (FWHM): 20 – 200 ns
Rise Time (20%-80%): ≤ 500 ps
Fall Time (80%-20%): ≤ 500 ps
PRF: 1 Hz - 100 kHz
Jitter, Stability: OK
Prime Power: 100-240V AC, 50-60 Hz.

Basic specifications: →

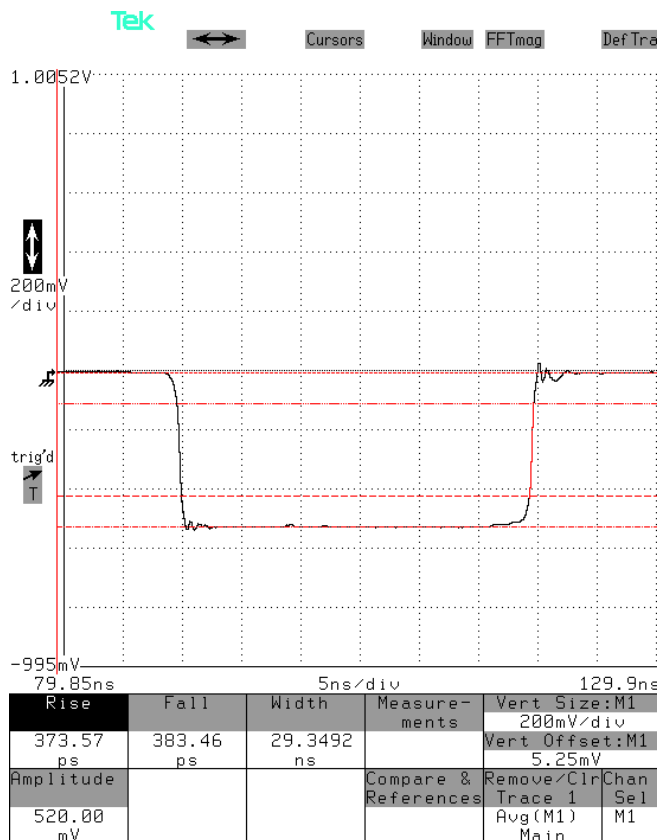
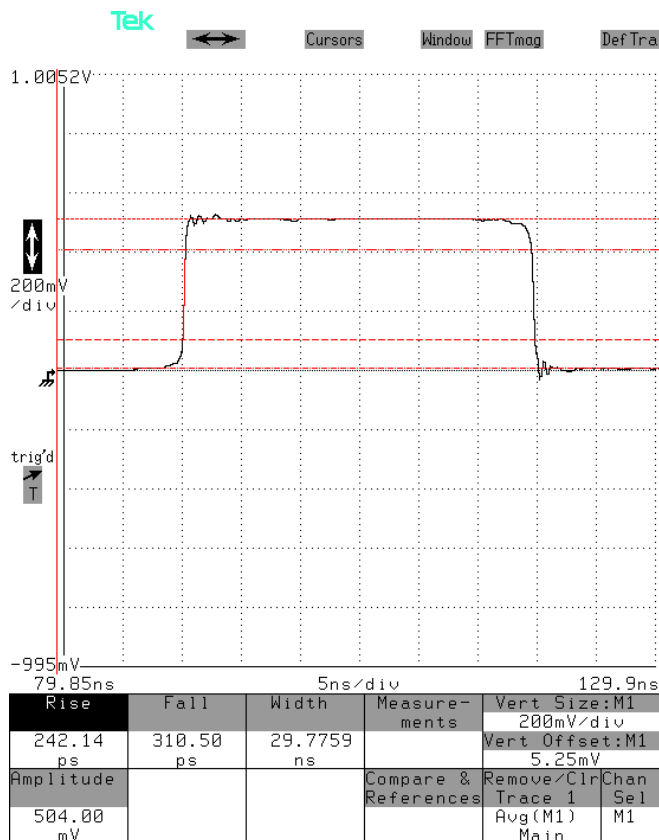
Test Waveforms

100 kHz, 30 ns, +50V,

100 kHz, 30 ns, -50V,

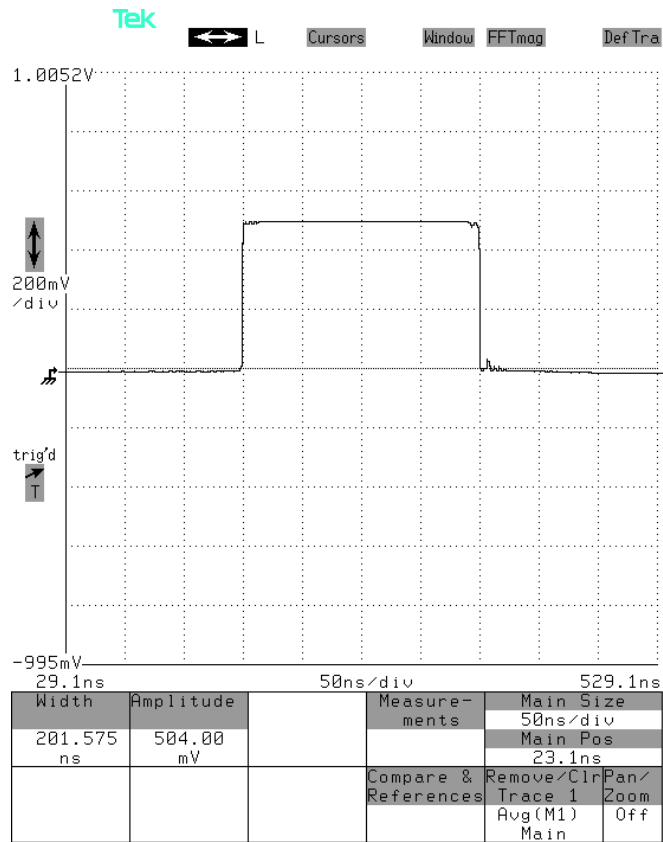
5 ns/div. 20 V/div (200 mV × 40 dB):

5 ns/div. 20 V/div (200 mV × 40 dB):



100 kHz, 200 ns, +50V,

50 ns/div. 20 V/div (200 mV × 40 dB):



100 kHz, 200 ns, -50V,

50 ns/div. 20 V/div (200 mV × 40 dB):

