



AVTECH ELECTROSYSTEMS LTD.

NANOSECOND WAVEFORM ELECTRONICS
SINCE 1975

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BOX 5120, LCD MERIVALE
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PERFORMANCE CHECKSHEET

Model: AVR-S1-B-OS-PN
Type: Ultra-High-Speed Pulse Generator
S.N.: 11904
Date: February 7, 2008

Output Amplitude: 0 to $\pm 200V$, to 50 Ω
Pulse Width (FWHM): 50 ns – 5 μ s
Rise Time (20%-80%): ≤ 2 ns
Fall Time (80%-20%): ≤ 2 ns
PRF: 1 Hz - 5 kHz
Jitter, Stability: OK
Prime Power: 100-240V AC, 50-60 Hz.

Basic specifications: \rightarrow

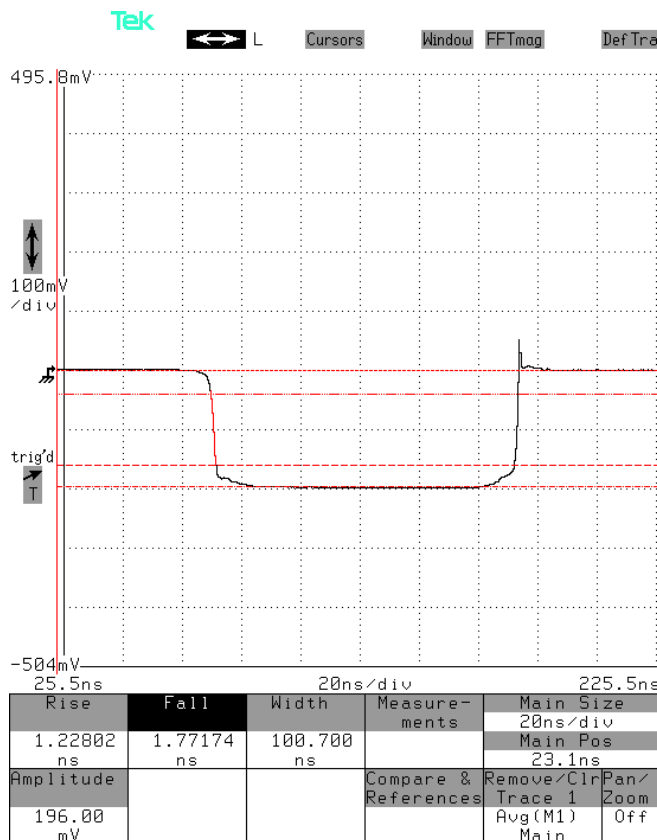
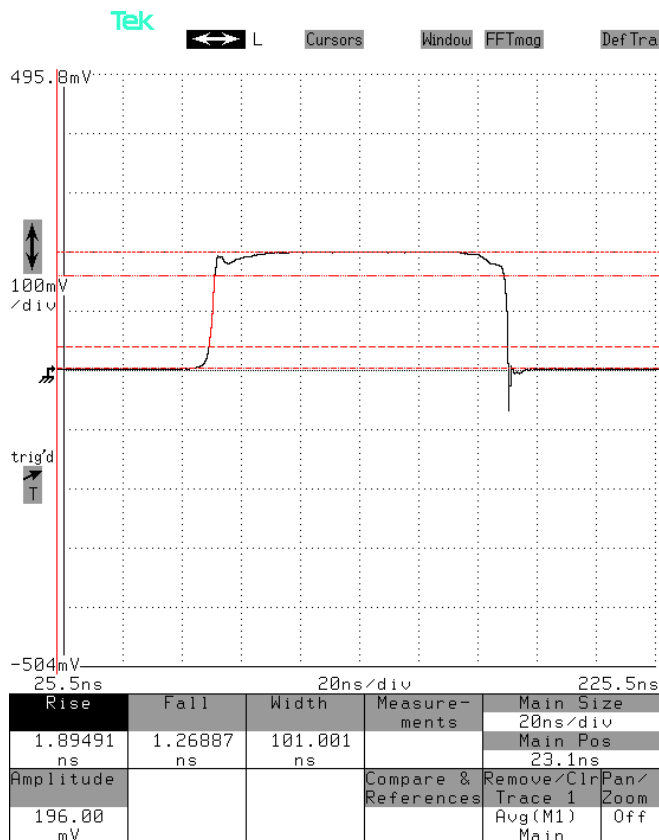
Test Waveforms

5 kHz, 100 ns, +200V,

5 kHz, 100 ns, -200V,

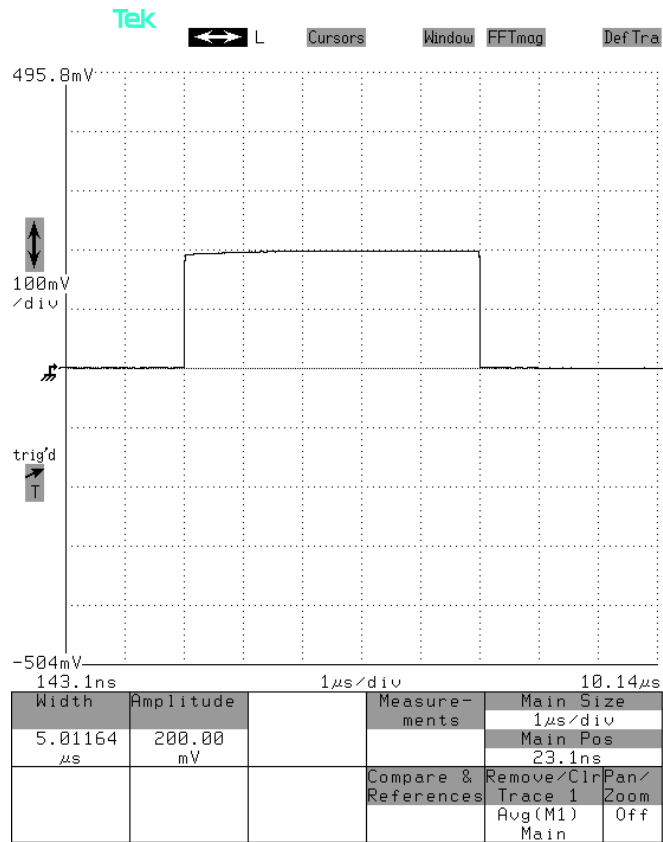
20 ns/div. 100 V/div (100 mV \times 60 dB):

20 ns/div. 100 V/div (100 mV \times 60 dB):



1 kHz, 5 us, +200V,

1 us/div. 100 V/div (100 mV × 60 dB):



1 kHz, 5 us, -200V,

1 us/div. 100 V/div (100 mV × 60 dB):

