



AVTECH ELECTROSYSTEMS LTD.

NANOSECOND WAVEFORM ELECTRONICS
SINCE 1975

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☒ BOX 5120, LCD MERIVALE
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PERFORMANCE CHECKSHEET

Model: AVIR-1-C-EA-PN-OS-M
Type: Ultra-High-Speed Pulse Generator
S.N.: 12339
Date: October 23, 2009

Output Amplitude: 0 to ±200V, to 50Ω
Pulse Width (FWHM): 2 - 5 ns
Rise Time (20%-80%): ≤ 1 ns
Fall Time (80%-20%): ≤ 1.8 ns
PRF: 5 Hz - 50 kHz
Jitter, Stability: OK
Prime Power: 100-240V AC, 50-60 Hz.

Basic specifications: →

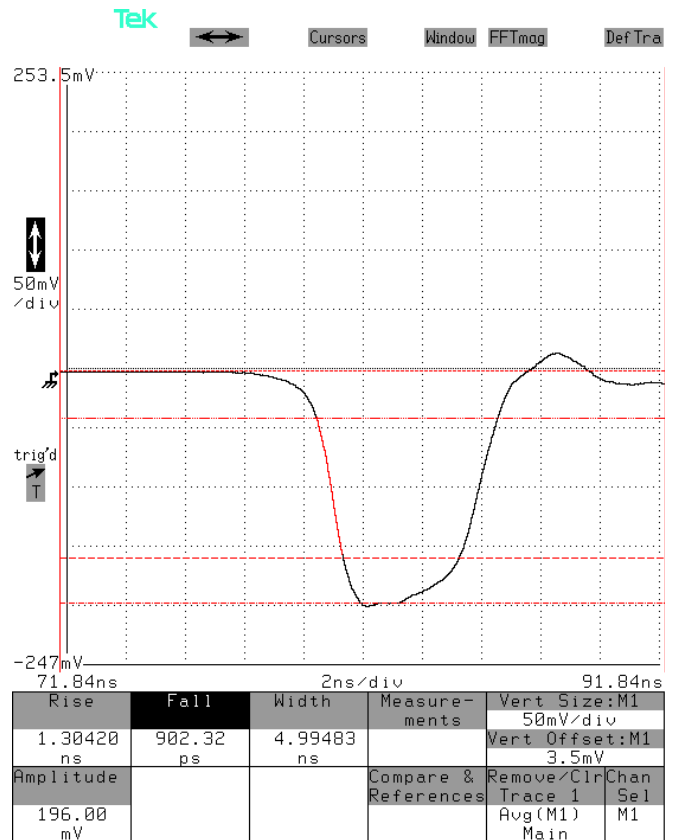
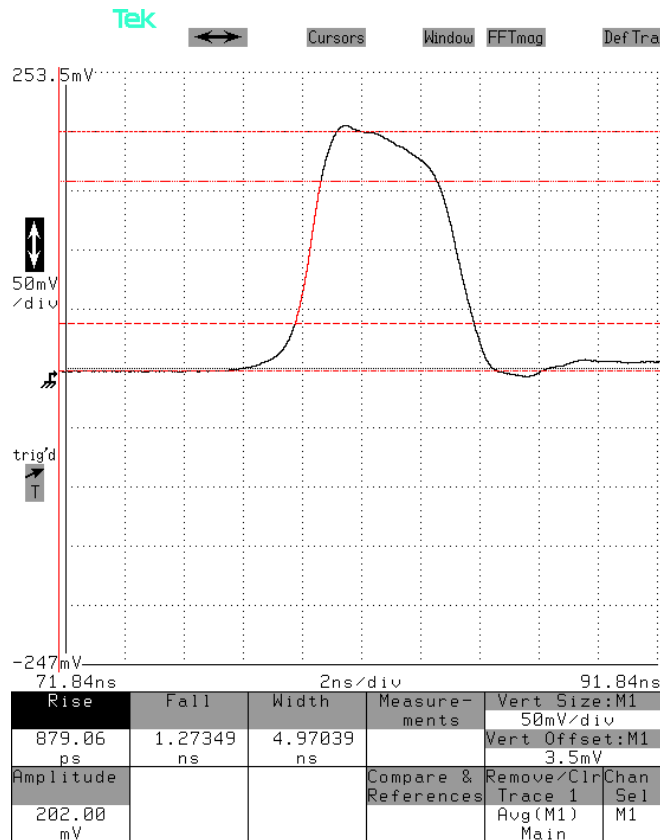
Test Waveforms

5 kHz, 5 ns, +200V,

5 kHz, 5 ns, -200V,

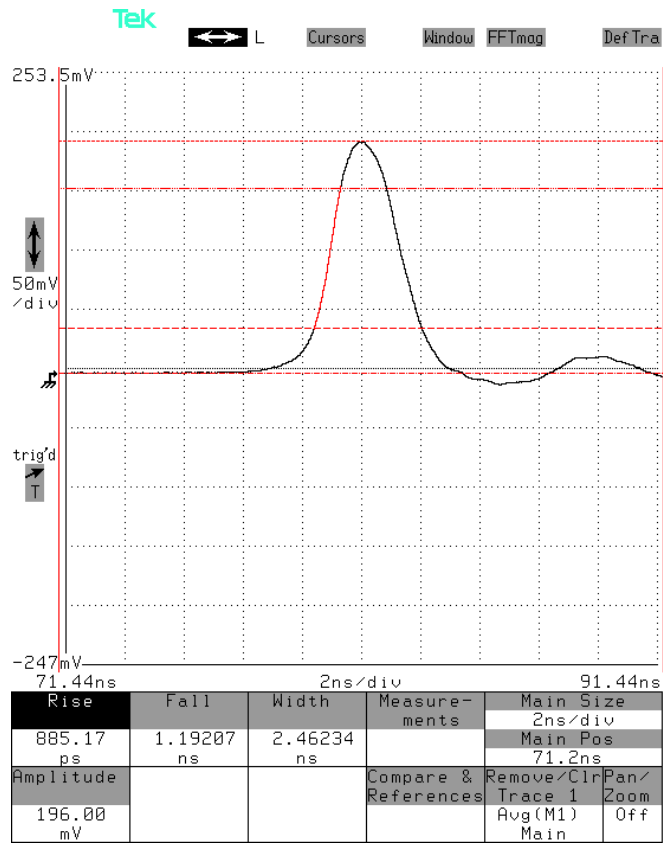
2 ns/div. 50 V/div (50 mV × 60 dB):

2 ns/div. 50 V/div (50 mV × 60 dB):



5 kHz, 2.5 ns, +200V,

2 ns/div. 50 V/div (50 mV × 60 dB):



5 kHz, 2.5 ns, -200V,

2 ns/div. 50 V/div (50 mV × 60 dB):

