



AVTECH ELECTROSYSTEMS LTD.

NANOSECOND WAVEFORM ELECTRONICS
SINCE 1975

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☒ BOX 5120, LCD MERIVALE
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PERFORMANCE CHECKSHEET

Model: AVIR-4D-B-PN-AC22
Type: Ultra-High-Speed Pulse Generator
S.N.: 13175
Date: July 12, 2013

Output Amplitude: up to $\pm 200V$, to 50Ω
Pulse Width (FWHM): 4 ns – 1 μs
Rise Time (20%-80%): ≤ 2 ns
Fall Time (80%-20%): ≤ 2.5 ns
PRF: 1 Hz - 20 kHz
Jitter, Stability: OK
Prime Power: 100-240V AC, 50-60 Hz.

Basic specifications: →

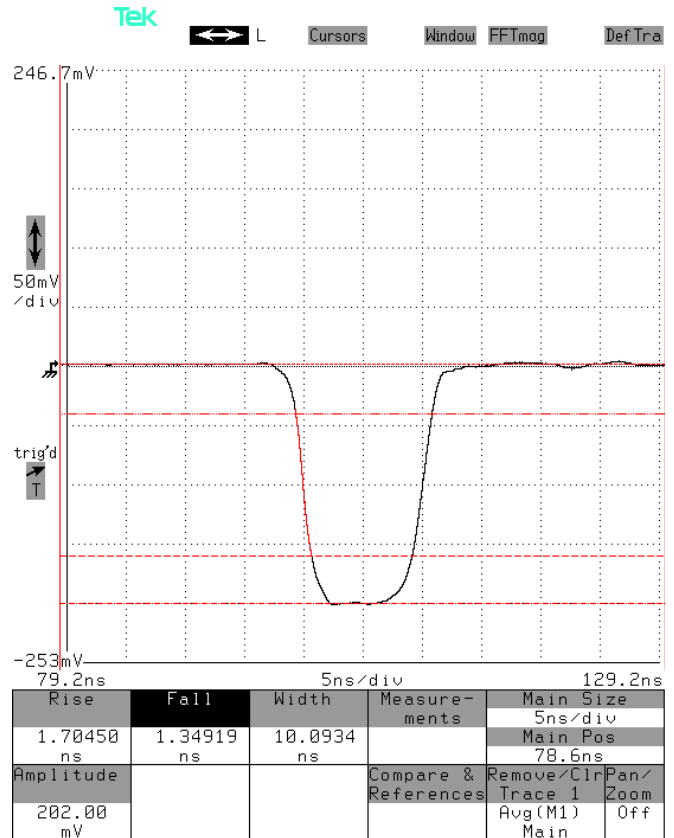
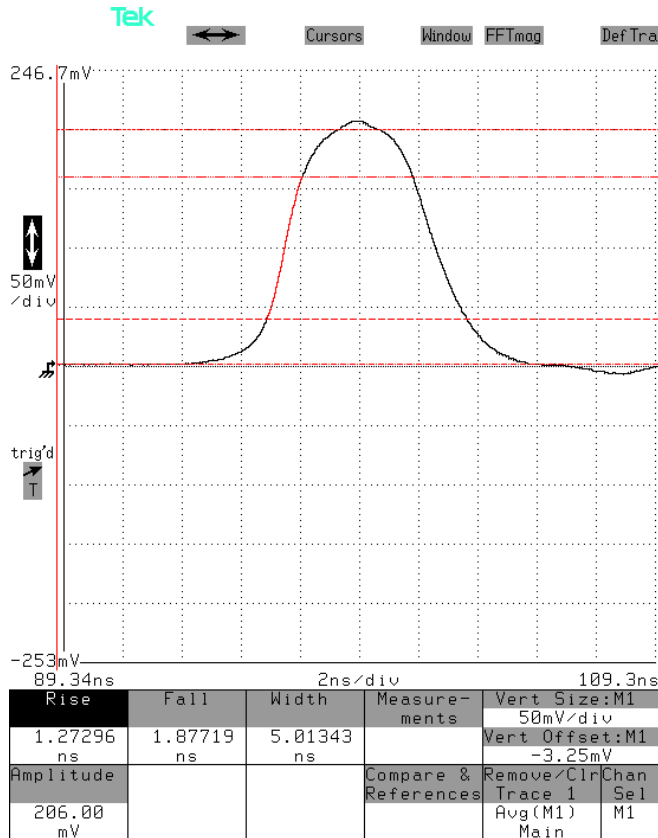
Test Waveforms

10 kHz, 5 ns, +200V,

10 kHz, 10 ns, -200V,

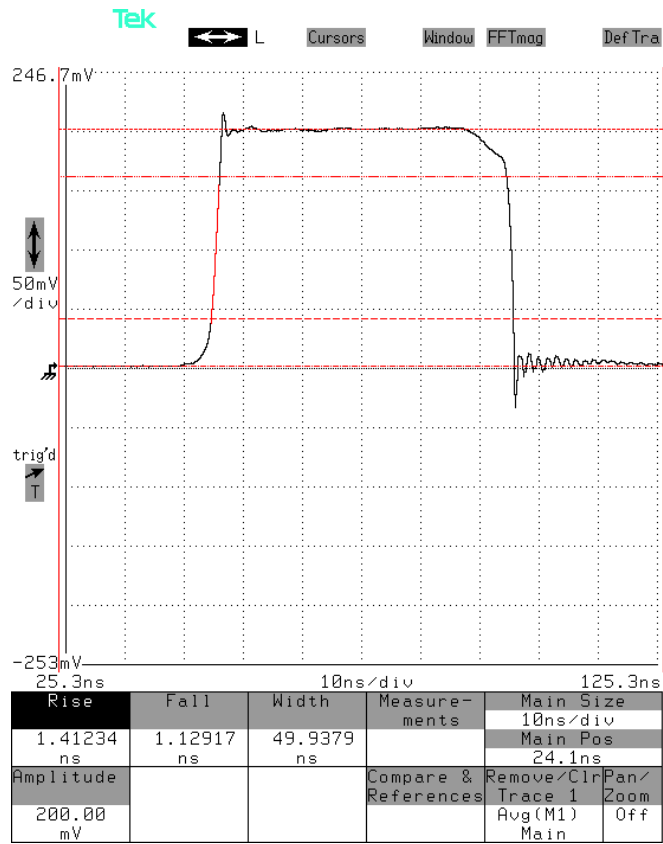
2 ns/div. 50 V/div (50 mV/div \times 60 dB):

5 ns/div. 50 V/div (50 mV/div \times 60 dB):



10 kHz, 50 ns, +200V,

10 ns/div. 50 V/div (50 mV/div × 60 dB):



2 kHz, 1 us, -200V,

200 ns/div. 50 V/div (50 mV/div × 60 dB):

