



AVTECH ELECTROSYSTEMS LTD.

NANOSECOND WAVEFORM ELECTRONICS
SINCE 1975

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PERFORMANCE CHECKSHEET

Model: AVMP-2A-B-AK1-PN-R5-M
Type: Ultra-High-Speed Pulse Generator
S.N.: 12054
Date: August 28, 2008

Output Amplitude: 0 to $\pm 10V$, to 50 Ω
Pulse Width (FWHM): 7 ns – 1 μs
Rise Time (20%-80%): ≤ 200 ps
Fall Time (80%-20%): ≤ 300 ps
PRF: 1 Hz - 500 kHz
Jitter, Stability: OK
Prime Power: 100-240V AC, 50-60 Hz.

Basic specifications: →

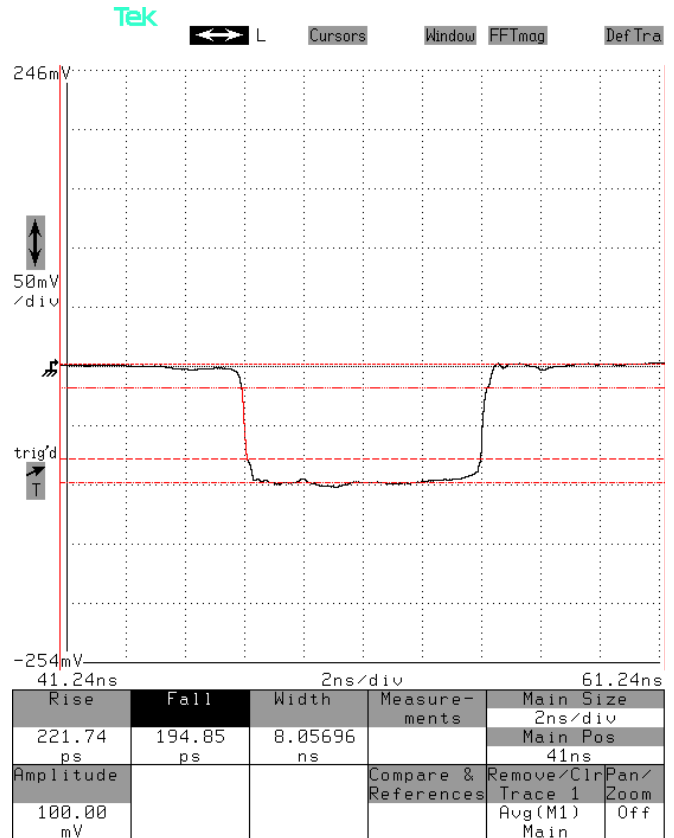
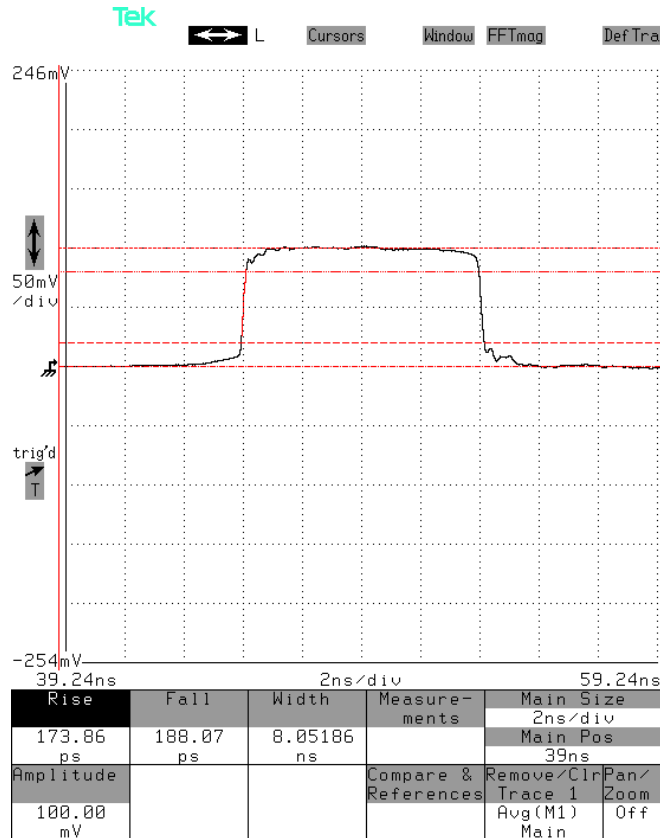
Test Waveforms

500 kHz, 8 ns, +10V,

500 kHz, 8 ns, -10V,

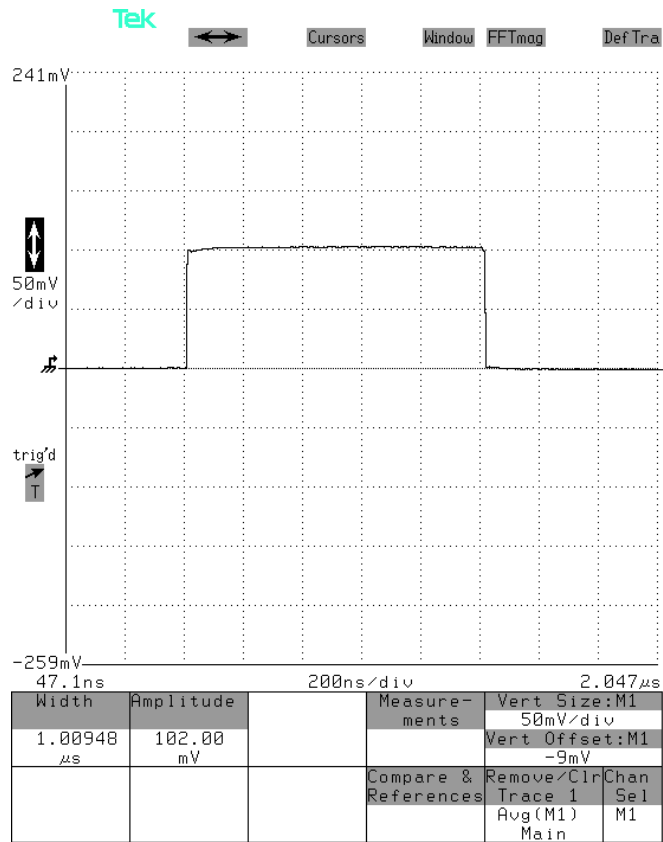
2 ns/div. 5 V/div (50 mV \times 40 dB):

2 ns/div. 5 V/div (50 mV \times 40 dB):



50 kHz, 1 us, +10V,

200 ns/div. 5 V/div (50 mV × 40 dB):



50 kHz, 1 us, -10V,

200 ns/div. 5 V/div (50 mV × 40 dB):

