



AVTECH ELECTROSYSTEMS LTD.

NANOSECOND WAVEFORM ELECTRONICS
SINCE 1975

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PERFORMANCE CHECKSHEET

Model: AVL-AV-1-W-B-PN-AC02-VXI-OS
Type: Ultra-High-Speed Pulse Generator
S.N.: 13190
Date: August 7, 2014

Output Amplitude: up to $\pm 100V$, to 50Ω
Pulse Width (FWHM): 5 to 100 ns
Rise Time (20%-80%): ≤ 2 ns
Fall Time (80%-20%): ≤ 3 ns
PRF: 1 Hz - 50 kHz
Jitter, Stability: OK
Prime Power: 100-240V AC, 50-60 Hz.

Basic specifications: →

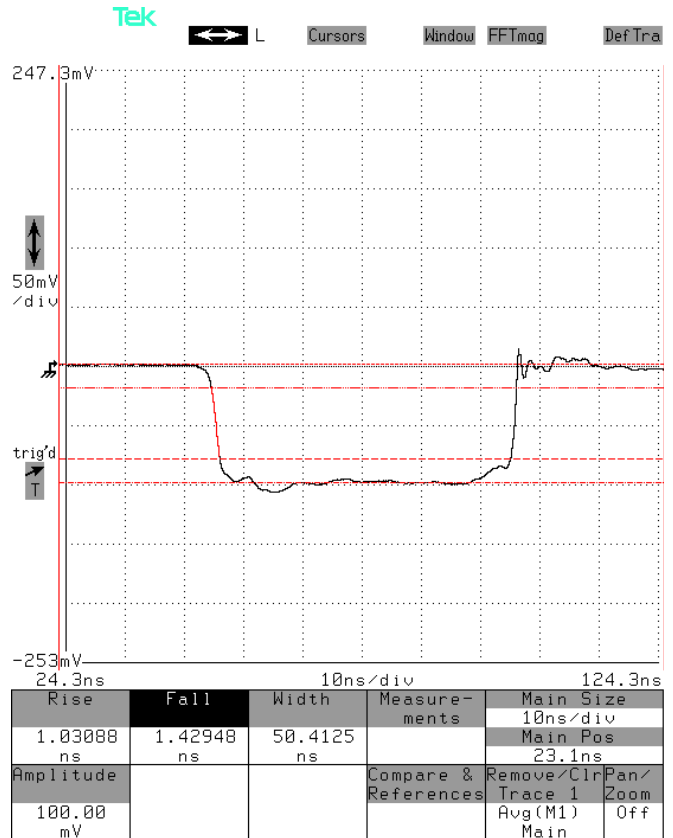
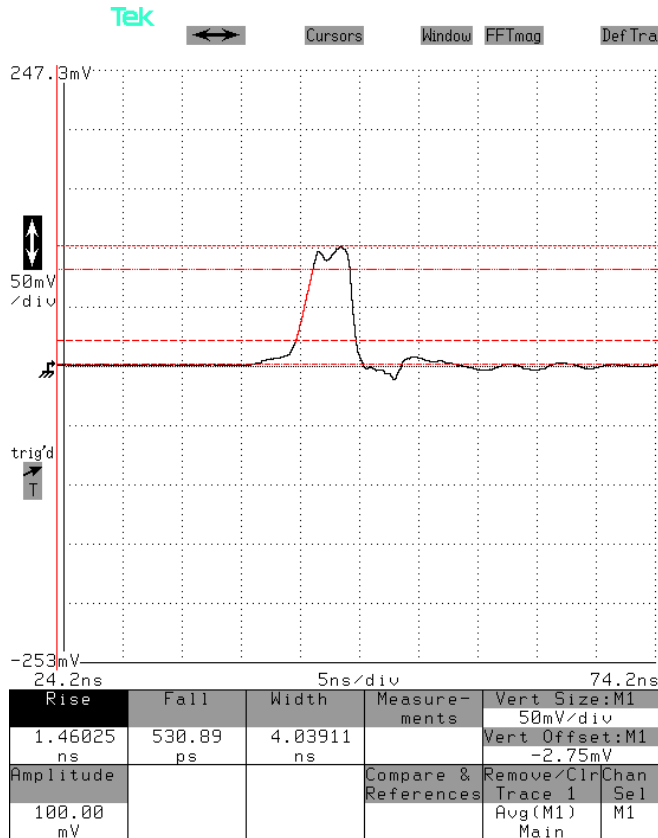
Test Waveforms

50 kHz, < 5 ns, +100V,

50 kHz, 50 ns, -100V,

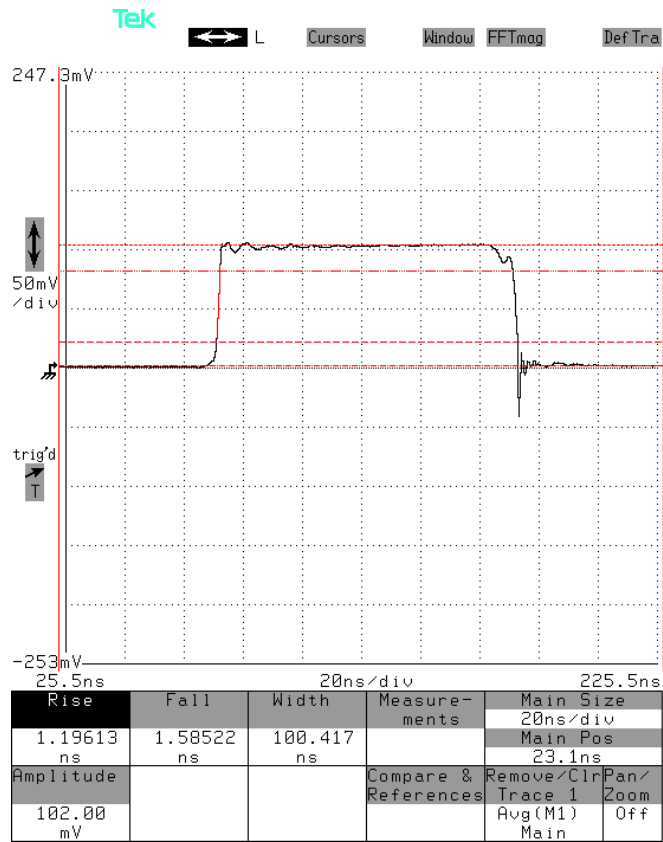
5 ns/div. 50 V/div (50 mV/div \times 60 dB):

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



50 kHz, 100 ns, +100V,

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



50 kHz, 400 ns, -100V,

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

