

AVTECH ELECTROSYSTEMS LTD.

NANOSECOND WAVEFORM ELECTRONICS
SINCE 1975

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BOX 5120, LCD MERIVALE
OTTAWA, CANADA K2C3H5

PERFORMANCE CHECKSHEET

Model: AVI-V-HV2B-B-P
Type: Ultra-High-Speed Pulse Generator
S.N.: 14374
Date: October 16, 2023

Output Amplitude: up to +100V, to 50Ω
Pulse Width (FWHM): 4 – 100 ns
Rise Time (20%-80%): ≤ 600 ps
Fall Time (80%-20%): ≤ 4 ns
PRF: 1 Hz - 20 kHz
Jitter, Stability: OK
Prime Power: 100-240V AC, 50-60 Hz.

Basic specifications: →

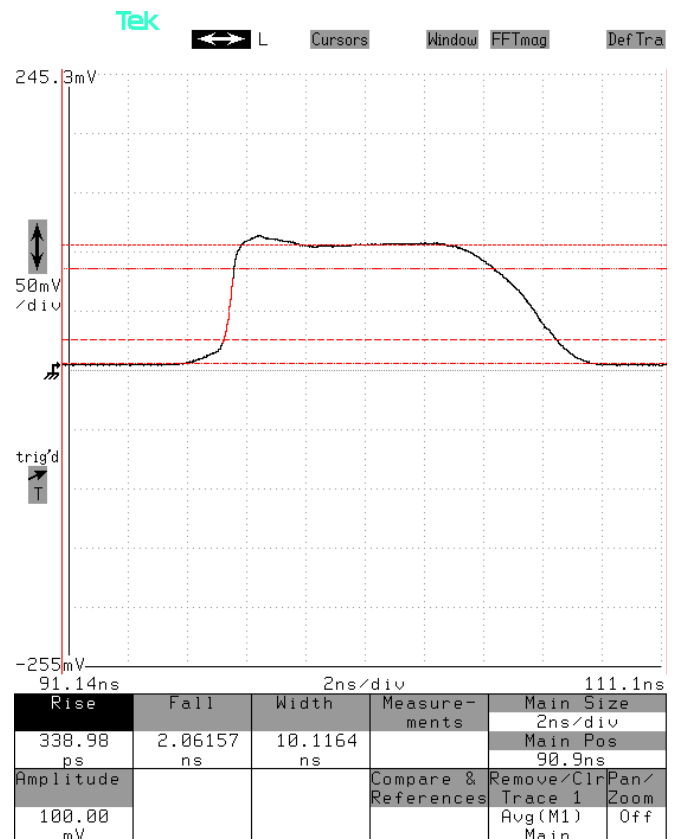
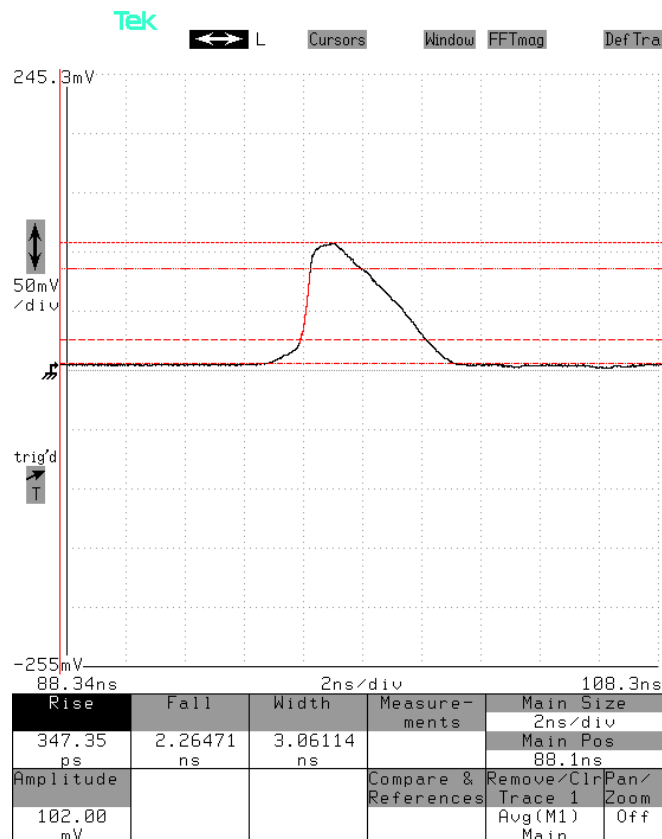
Test Waveforms

10 kHz, < 4 ns, > +100V,

10 kHz, 10 ns, > +100V,

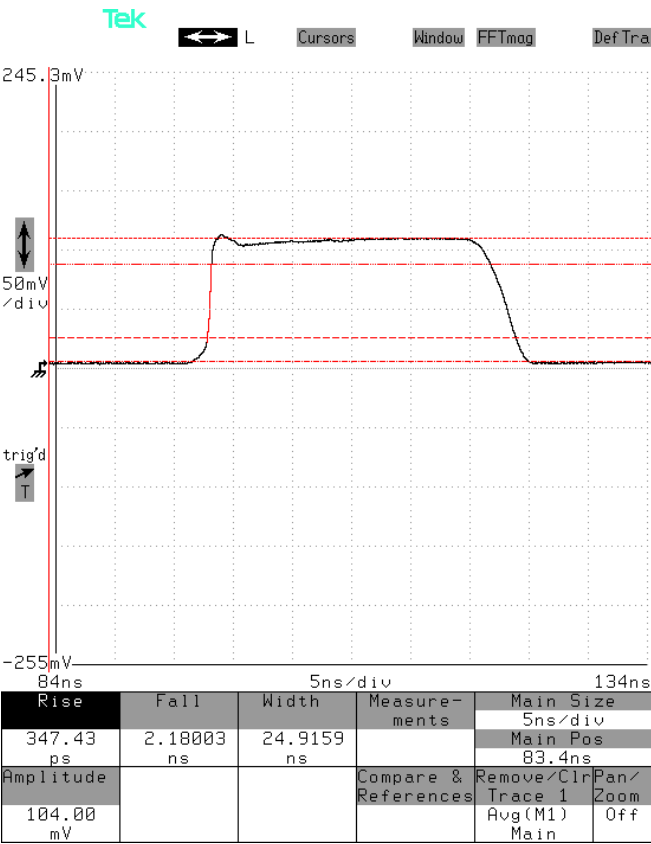
2 ns/div. 50 V/div (50 mV/div × 60 dB):

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10 kHz, 25 ns, > +100V,

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



10 kHz, > 100 ns, > +100V,

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

