



# AVTECH ELECTROSYSTEMS LTD.

NANOSECOND WAVEFORM ELECTRONICS  
SINCE 1975

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## PERFORMANCE CHECKSHEET

Model: AVX-2  
Type: Inverting Transformer  
S.N.: 13610  
Date: October 10, 2017

Impedance: 50 Ohms  
Maximum input: 50V  
Maximum pulse width: 10 ns  
Rise time (20%-80%): < 60 ps  
Drop: < 10 %

Basic specifications: →

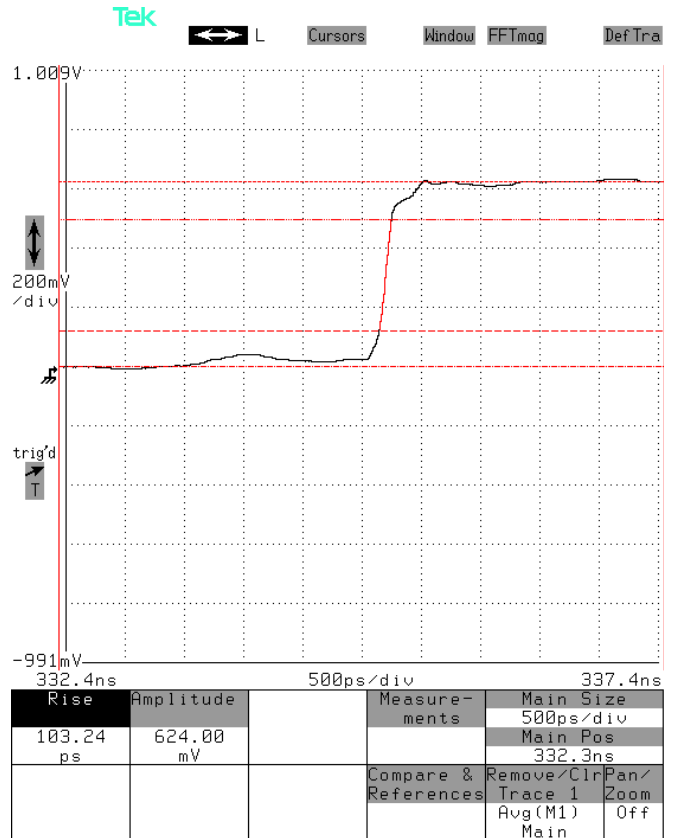
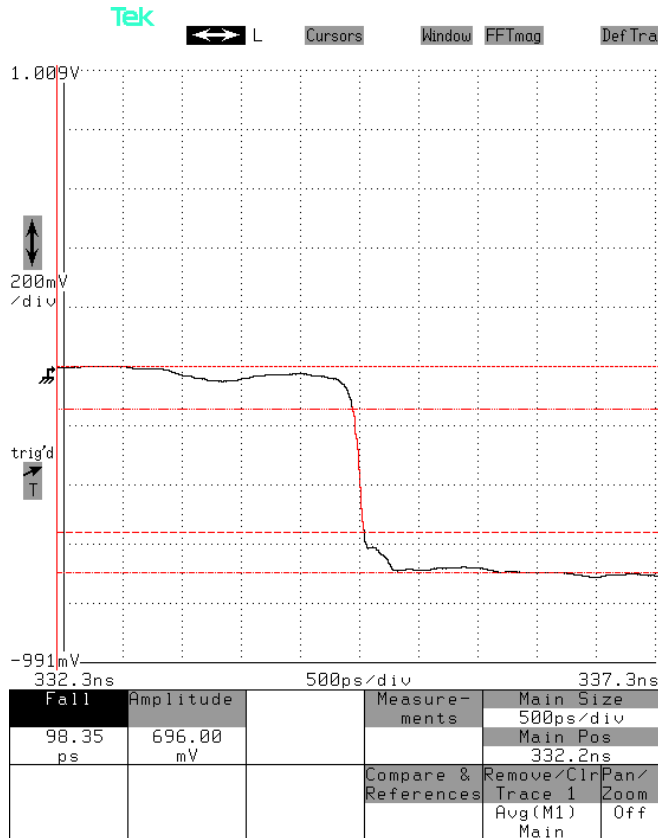
### Rise-Time Test

Fast-rise-time input to AVX-2,

500 ps/div. 2 V/div (200 mV/div × 20 dB):

Corresponding output of AVX-2,

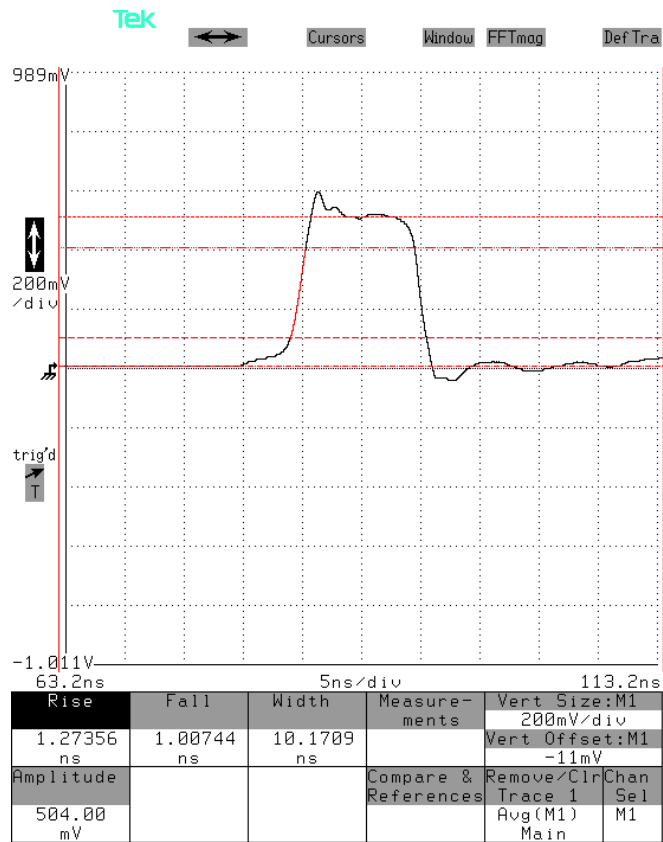
500 ps/div. 2 V/div (200 mV/div × 20 dB):



## Maximum Amplitude / Pulse Width Test

High-voltage input to AVX-2 (from AVIR-4-B),

5 ns/div. 20 V/div (200 mV/div × 40 dB):



Corresponding output of AVX-2,

5 ns/div. 20 V/div (200 mV/div × 40 dB):

