



AVTECH ELECTROSYSTEMS LTD.

NANOSECOND WAVEFORM ELECTRONICS
SINCE 1975

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☒ BOX 5120, LCD MERIVALE
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PERFORMANCE CHECKSHEET

Model: AVX-1
Type: Inverting Transformer
S.N.: 13635
Date: September 18, 2017

Impedance: 50 Ohms
Maximum input: 350V
Maximum pulse width: 100 ns
Rise time (20%-80%): < 300 ps
Drop: < 10 %

Basic specifications: →

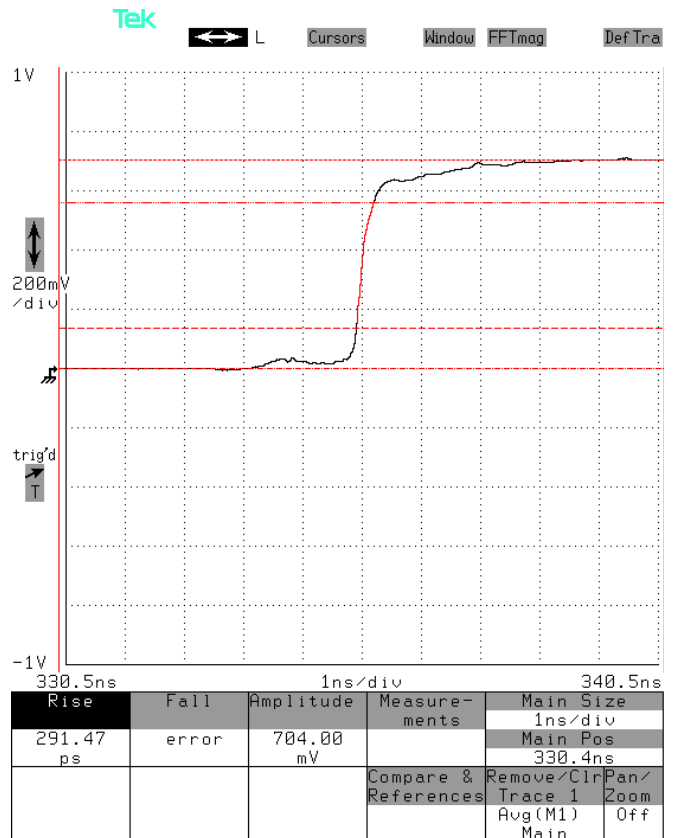
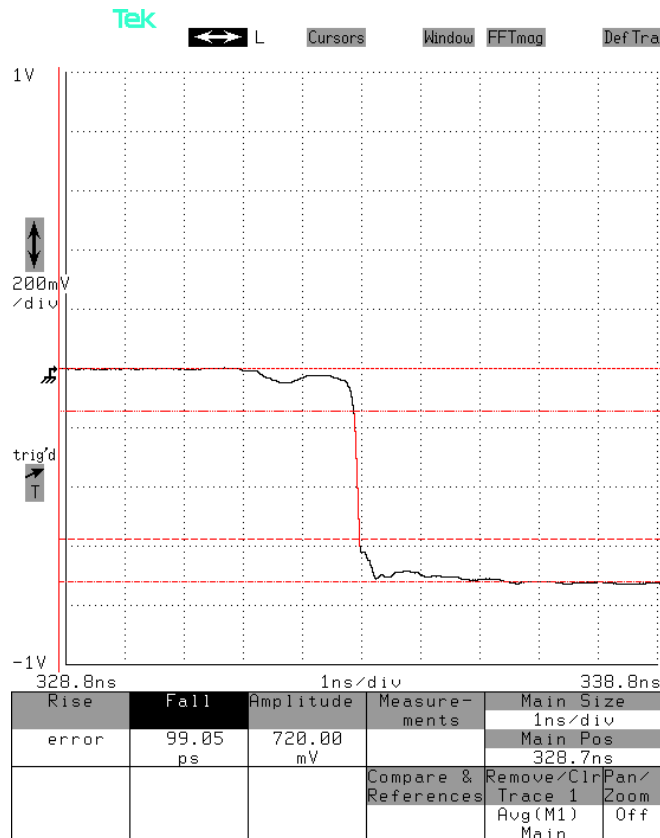
Rise-Time Test

Fast-rise-time input to AVX-1,

1 ns/div. 2 V/div (200 mV/div × 20 dB):

Corresponding output of AVX-1,

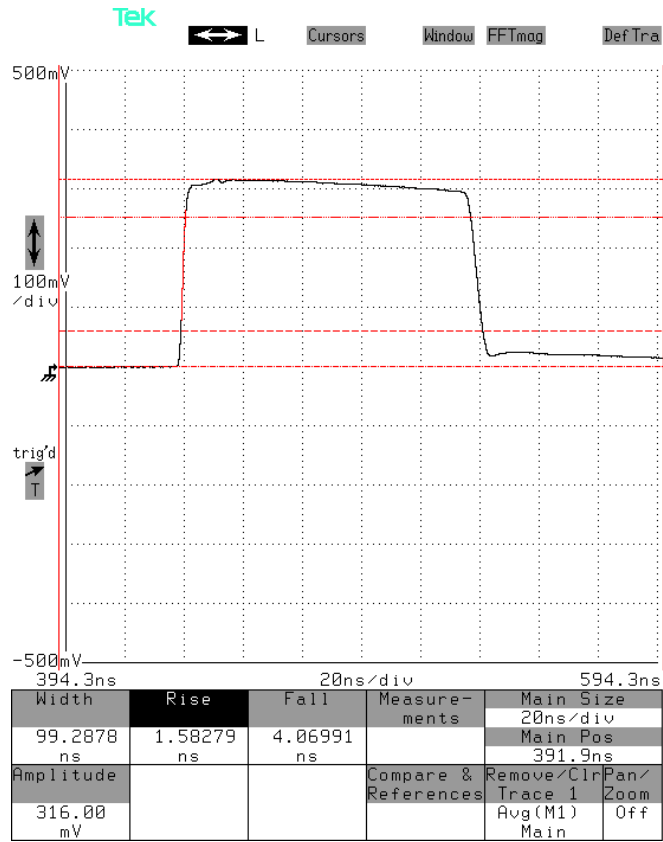
1 ns/div. 2 V/div (200 mV/div × 20 dB):



Maximum Amplitude / Pulse Width Test

High-voltage input to AVX-1,

20 ns/div. 100 V/div (100 mV/div × 60 dB):



Corresponding output of AVX-1,

20 ns/div. 100 V/div (100 mV/div × 60 dB):

