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BOX 5120, LCD MERIVALE  
OTTAWA, CANADA K2C3H5

PERFORMANCE CHECKSHEET

Model: AVX-1A  
Type: Inverting Transformer  
S.N.: 14184  
Date: October 14, 2021

Impedance: 50 Ohms  
Maximum input: 100V  
Maximum pulse width: 1 us  
Rise time (20%-80%): < 400 ps (for step input)  
Drop at max. PW: < 10 %

Basic specifications: →

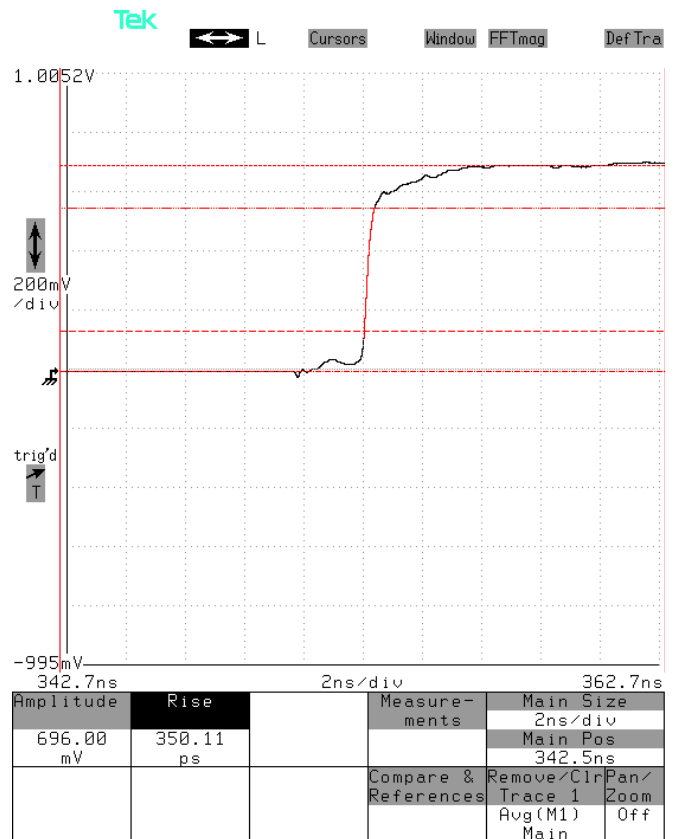
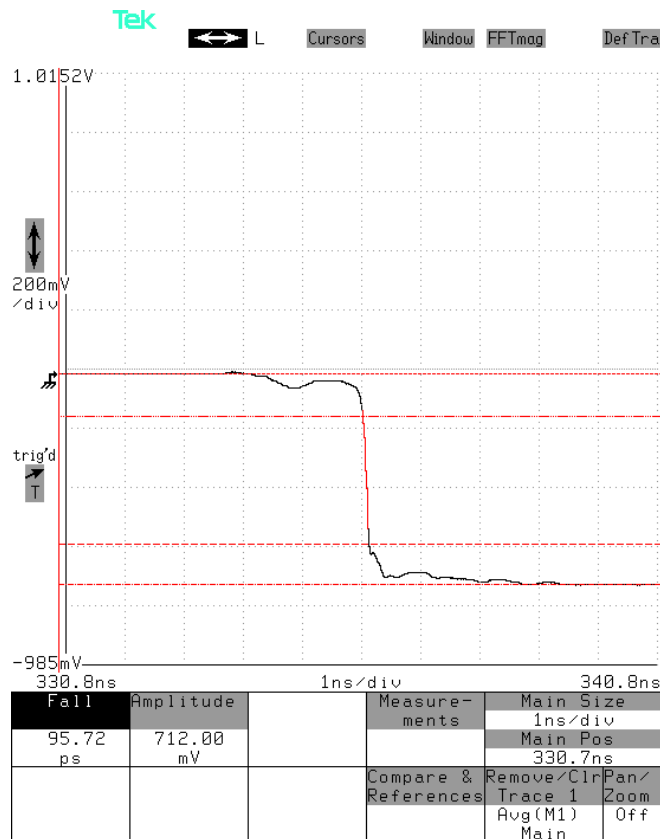
Rise-Time Test

Fast-rise-time input to AVX-1A,

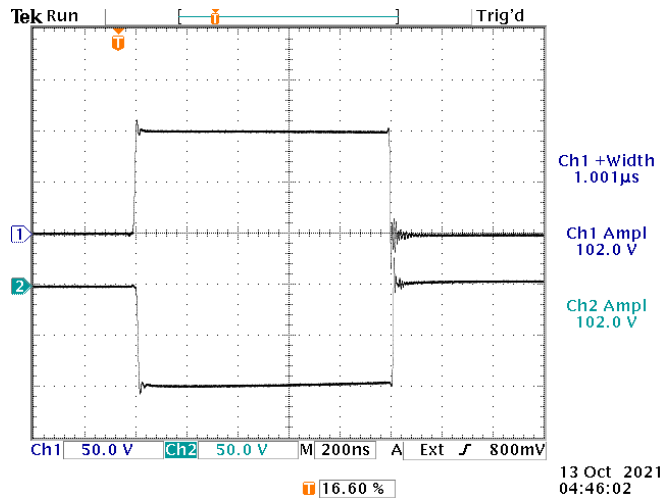
1 ns/div. 2 V/div (200 mV/div × 20 dB):

Corresponding output of AVX-1A,

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



# Maximum Amplitude / Pulse Width Test



Top: +100V, 1 us input to AVX-1A  
Bottom: Corresponding -100V output of AVX-1A