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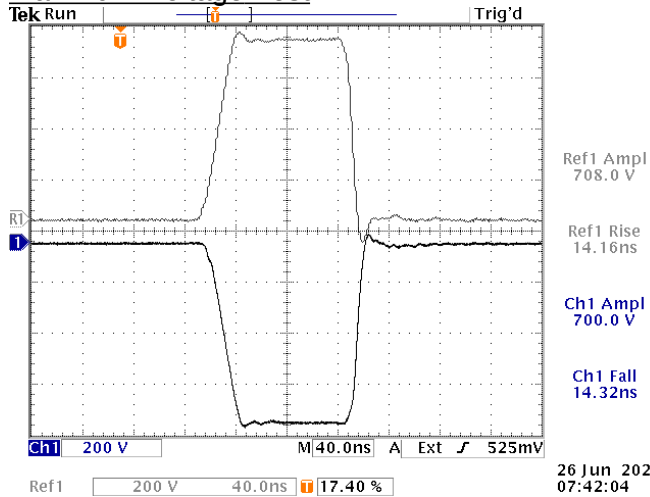
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BOX 5120, LCD MERIVALE
OTTAWA, CANADA K2C3H5

PERFORMANCE CHECKSHEET

Model: AVX-R6
Type: High-Speed, High-Voltage Inverting Pulse Transformer
S.N.: 00000 (internal model)
Date: July 9, 2020

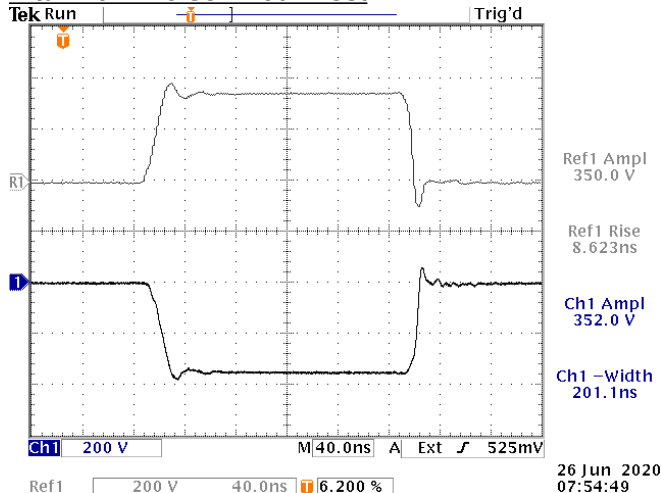
Maximum Voltage Test



Top: +700V / 100 ns input (from AVR-7B-B-P)
Bottom: -700V output from AVX-R6, into 50Ω.

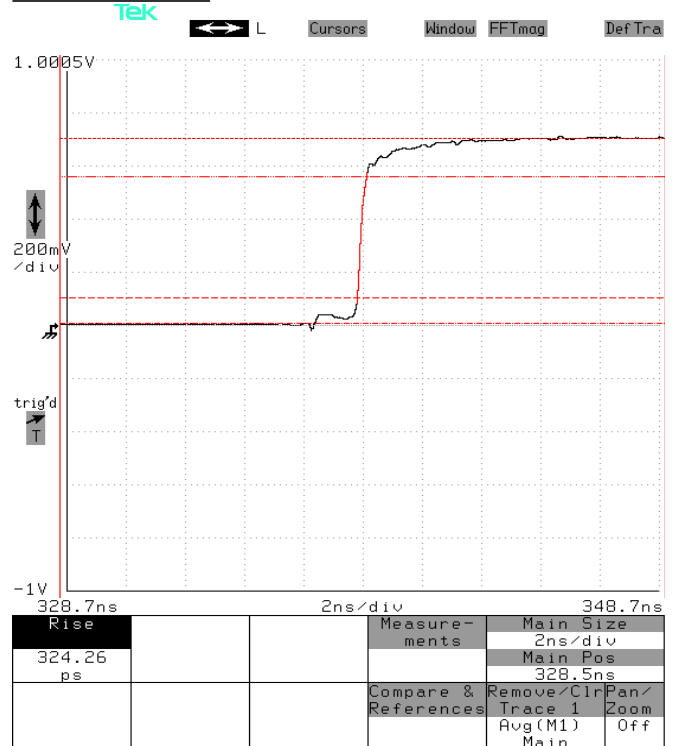
- a) Maximum input: ±700V
- b) Pulse Width: 200 ns at 350V, 100 ns at 700V
- c) Rise, Fall Times (20%-80%): < 1 ns
- d) Impedance: 50Ω

Maximum Pulse Width Test



Top: +350V / 200 ns input (from AVR-7B-B-P)
Bottom: -350V output from AVX-R6, into 50Ω.

Rise Time Test



Output of the AVX-R6 into 50Ω. Driven by a low-voltage (-7V) pulse generator with ~100ps rise times. 2V/div, 2 ns/div.