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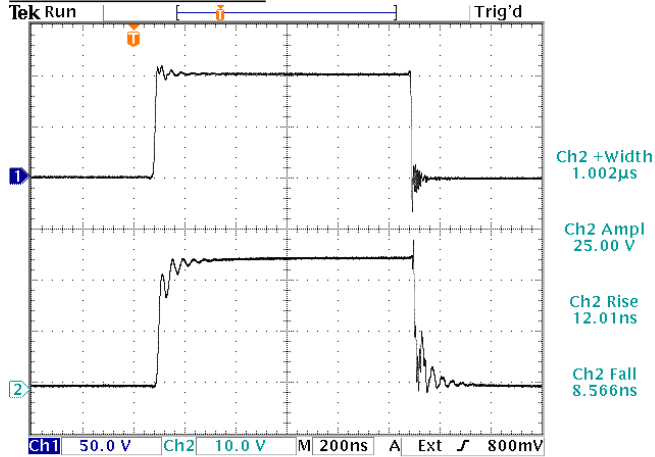
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BOX 5120, LCD MERIVALE  
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PERFORMANCE CHECKSHEET

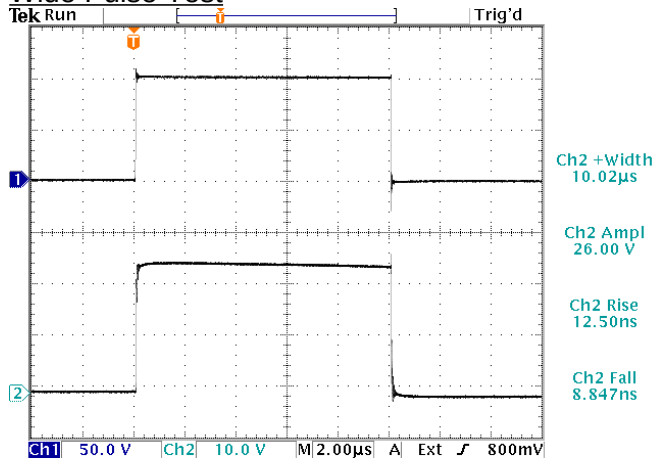
Model: AVX-MRB6  
Type: Current-Quadrupling Pulse Transformer  
S.N.: 14017  
Date: July 21, 2020

Narrow Pulse Tests



Top: +100V, 1 us pulse from AV-1010-B. 50V/div.  
Bottom: Output of AVX-MRB6 into 3.1Ω, 10 V/div.  
Both: 200 ns/div.

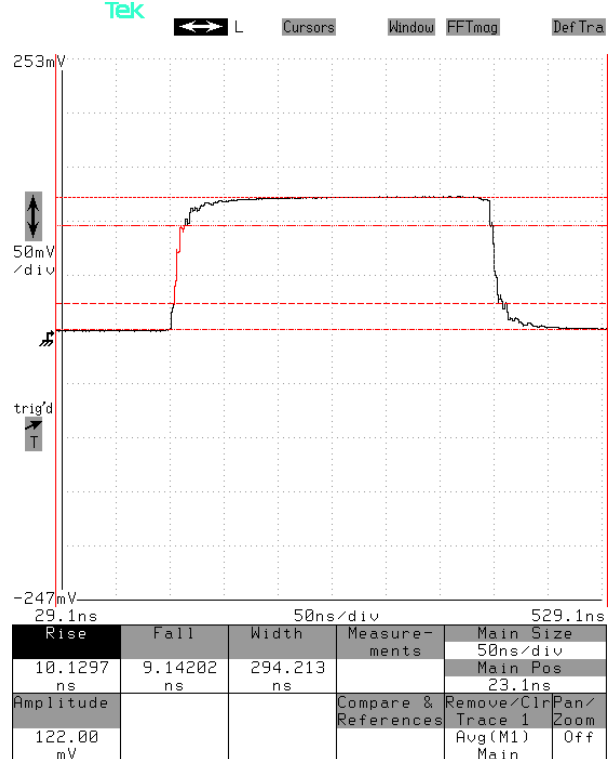
Wide Pulse Test



Top: +100V, 10 us pulse from an AV-1010-B.  
Bottom: Output of AVX-MRB6 into 3.1Ω, 10 V/div.  
Both: 2 us/div.

- a) Impedance match: 50 Ω to 3 Ω
- b) Maximum input: 100V
- c) Maximum output: 25V / 8A
- d) Maximum pulse width: 10 us
- e) Rise time (20%-80%): < 30 ns
- f) Droop: < 5 %

Rise Time Test



Output of AVX-MRB6 into 3.1Ω, in response to a 500 mV pulse with ~300 ps rise time.