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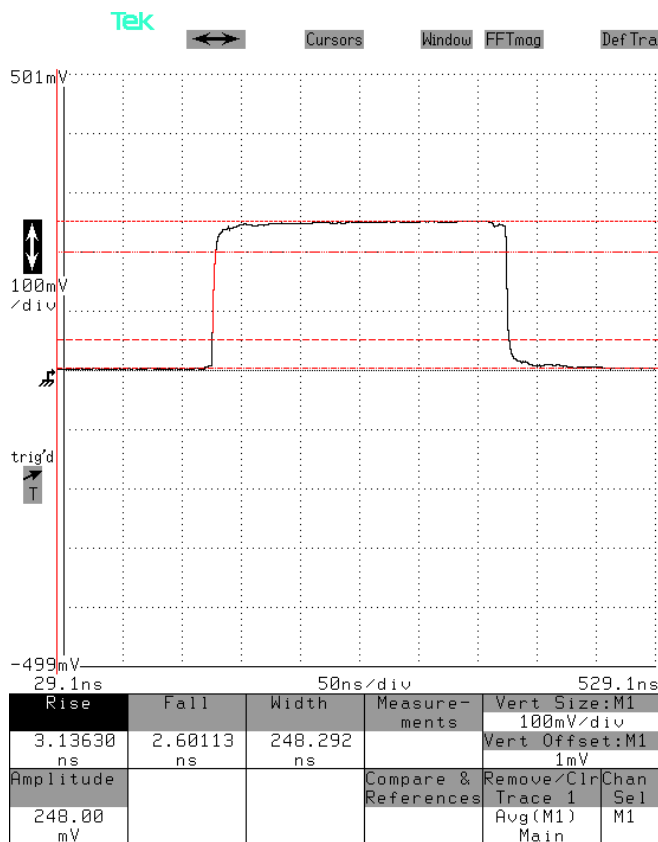
PERFORMANCE CHECKSHEET

Model: AVX-MRB4
Type: Current-Doubling Pulse Transformer
S.N.: 13702
Date: March 23, 2018

Impedance match: 50 Ω to 12.5 Ω
Maximum input: 400V
Maximum output: 200V / 16A
Maximum pulse width: 5 us
Rise time (20%-80%): < 5 ns
Drop: < 5 %

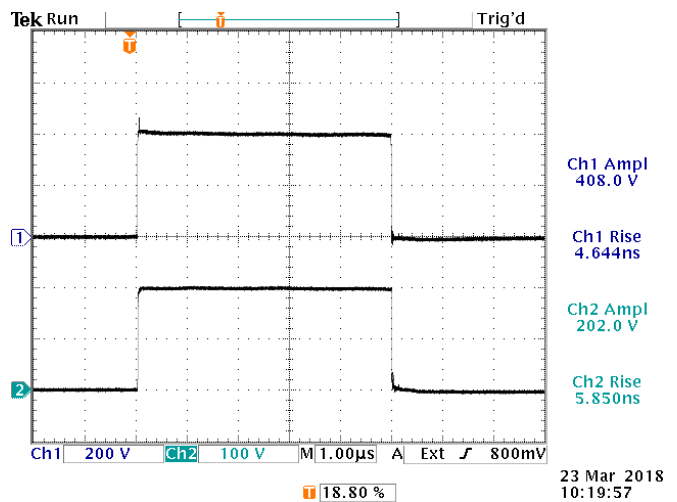
Basic specifications: →

Rise Time Test



Output of AVX-MRB4 into 12.5 Ohms, in response to a 500 mV pulse with ~300 ps rise time (from model AV-1030-B). 100 mV/div, 20 ns/div.

Wide High-Voltage Pulse Test



Top: +400V, 5 us pulse from model AVRZ-5W-B. 200 V/div, 1 us/div.

Bottom: +200V output from AVX-MRB4 into a 12.5 Ohm load. 100 V/div, 1 us/div.

The output rise time should be less than: $\sqrt{(4.644^2 + 5^2)} = 6.824$ ns. The observed output rise time is 5.850 ns, meeting the specification.