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BOX 5120, LCD MERIVALE
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PERFORMANCE CHECKSHEET

Model: AVX-M4-H
Type: Current-Quadrupling Pulse Transformer
S.N.: 13343
Date: September 11, 2015

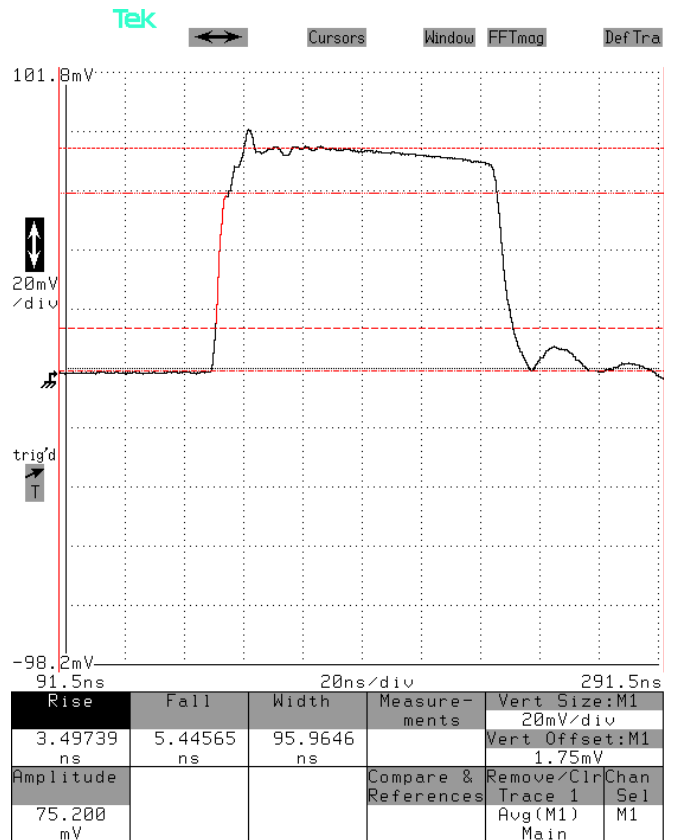
Impedance match: 50 Ω to 3 Ω
Maximum input: 750V
Maximum output: 188V / 63A
Maximum pulse width: 200 ns
Rise time (20%-80%): < 3 ns
Droop: < 5 %

Basic specifications: →

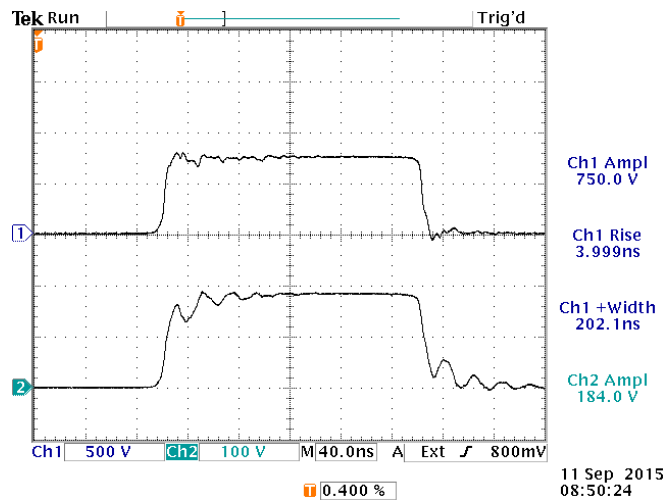
Rise Time Test

Input to AVX-M4-H, generated by AVL-2-B,
20 ns/div. 100 V/div (100 mV/div × 60 dB):

Corresponding output of AVX-M4-H,
20 ns/div. 20 V/div (50 mV/div × 60 dB):



Maximum Amplitude / Pulse Width Test



Top: +750V, 200 ns pulse from AVRF-7A-B, 500 V/div, 40 ns/div.

Bottom: Output of AVX-M4-H, 100 V/div, 40 ns/div.