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BOX 5120, LCD MERIVALE  
OTTAWA, CANADA K2C3H5

PERFORMANCE CHECKSHEET

Model: AVX-M4  
Type: Current-Quadrupling Pulse Transformer  
S.N.: 14468 (replacement for 14440)  
Date: July 11, 2024

Impedance match: 50 Ω to 3 Ω  
Maximum input: 350V  
Maximum output: 87V / 28A  
Maximum pulse width: 100 ns  
Rise time (20%-80%): < 2 ns  
Drop: < 5 %

Basic specifications: →

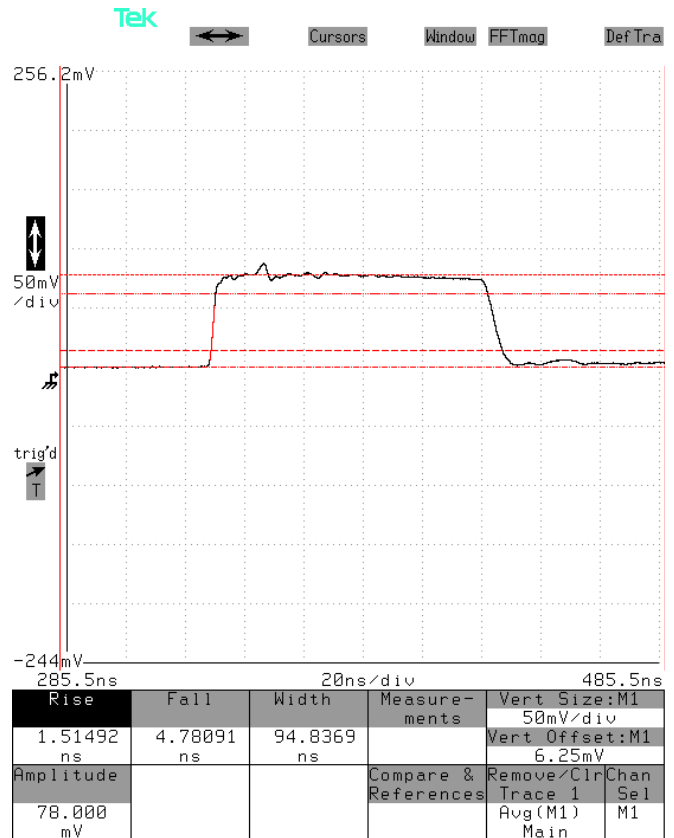
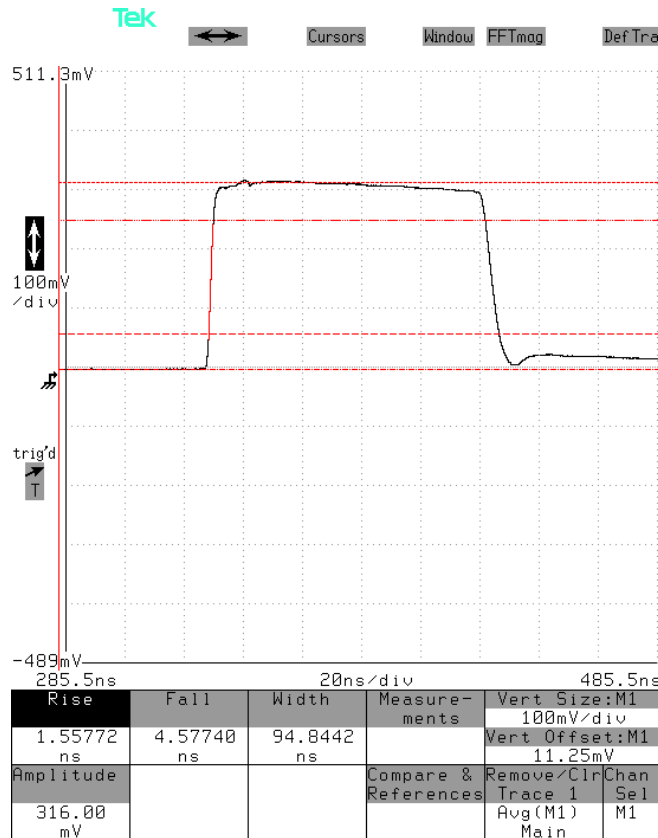
Pulse Mode Test Waveforms

Input to AVX-M4, generated by an AVL-2-C pulse generator,

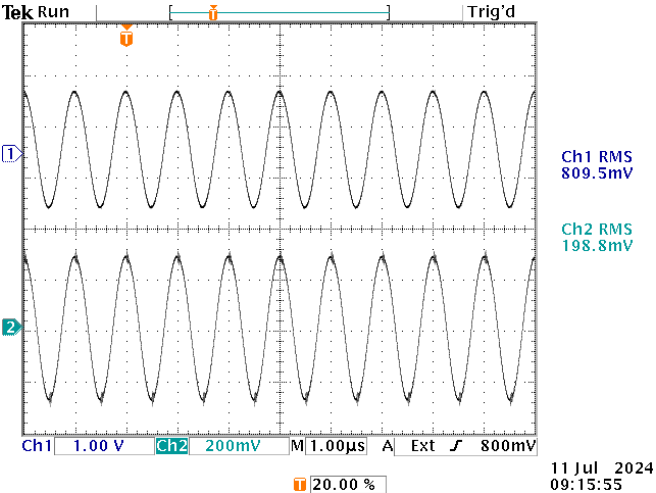
20 ns/div. 100 V/div (100 mV/div × 60 dB):

Corresponding output of AVX-M4,

20 ns/div. 50 V/div (50 mV/div × 60 dB):



# Small Signal Test Waveforms



Top: ~800 mV<sub>RMS</sub> sine wave in  
Bottom: ~200 mV<sub>RMS</sub> sine wave out