



info@avtechpulse.com
http://www.avtechpulse.com/

Tel: 888-670-8729 (USA & Canada)
or +1-613-686-6675 (Worldwide)

BOX 5120, LCD MERIVALE
OTTAWA, CANADA K2C3H5

PERFORMANCE CHECKSHEET

Model: AVX-M4
Type: Current-Quadrupling Pulse Transformer
S.N.: 14547
Date: March 13, 2025

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: →

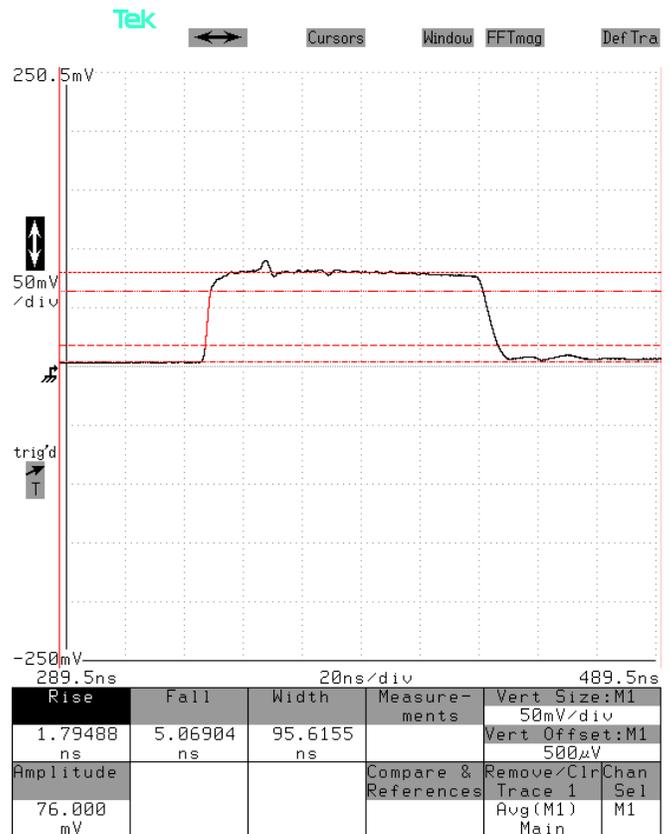
Pulse Mode Test Waveforms

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

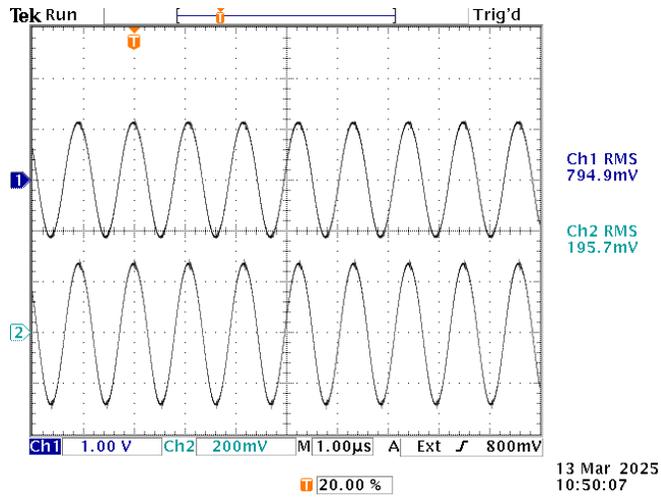
20 ns/div. 100 V/div (100 mV/div × 60 dB):

Corresponding output of AVX-M4,

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



Small Signal Test Waveforms



Top: $\sim 800 \text{ mV}_{\text{RMS}}$ sine wave in

Bottom: $\sim 200 \text{ mV}_{\text{RMS}}$ sine wave out