AVTECH ELECTROSYSTEMS LTD.
NANOSECOND WAVEFORM ELECTRONICS
SINCE 1975

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BOX 5120, LCD MERIVALE
OTTAWA, CANADA K2C3H5

PERFORMANCE CHECKSHEET

Model: AVX-M4
Type: Current-Quadrupling Pulse Transformer
S.N.: 14272
Date: June 22, 2022

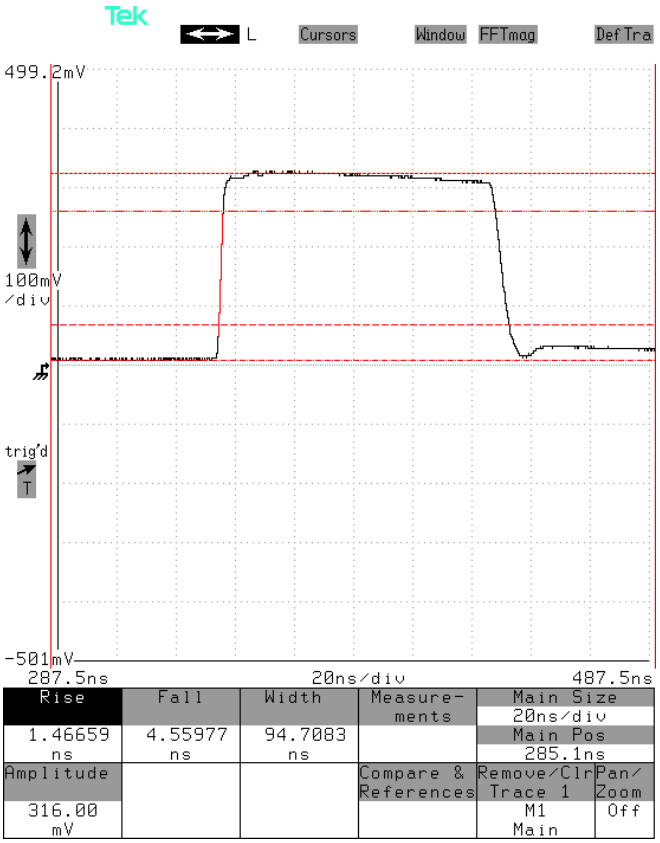
Basic specifications: →

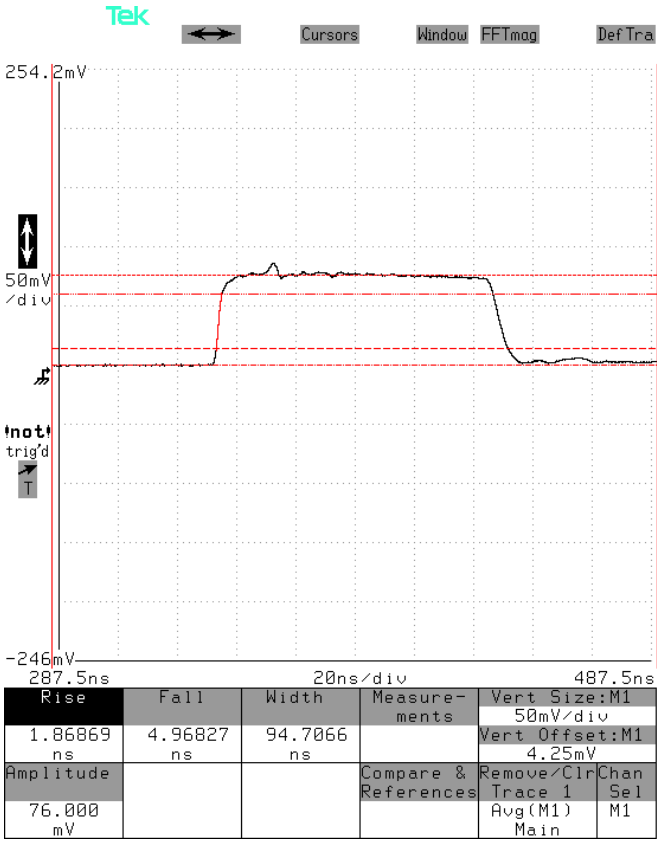
Impedance match:	50 Ω to 3 Ω
Maximum input:	350V
Maximum output:	87V / 28A
Maximum pulse width:	100 ns
Rise time (20%-80%):	< 2 ns
Droop:	< 5 %

Test Waveforms

Input to AVX-M4, generated by AVL-2-B,

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):