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PERFORMANCE CHECKSHEET

Model: AVX-CP-4
Type: Pulse Combiner
S.N.: 13378
Date: November 5, 2015

Function: Pulse Combiner
Impedance: 50 Ohms
Maximum input: 350V
Maximum pulse width: 100 ns at 350V
Rise time (20%-80%): < 1.2 ns
Drop: < 10 %

Basic specifications: →

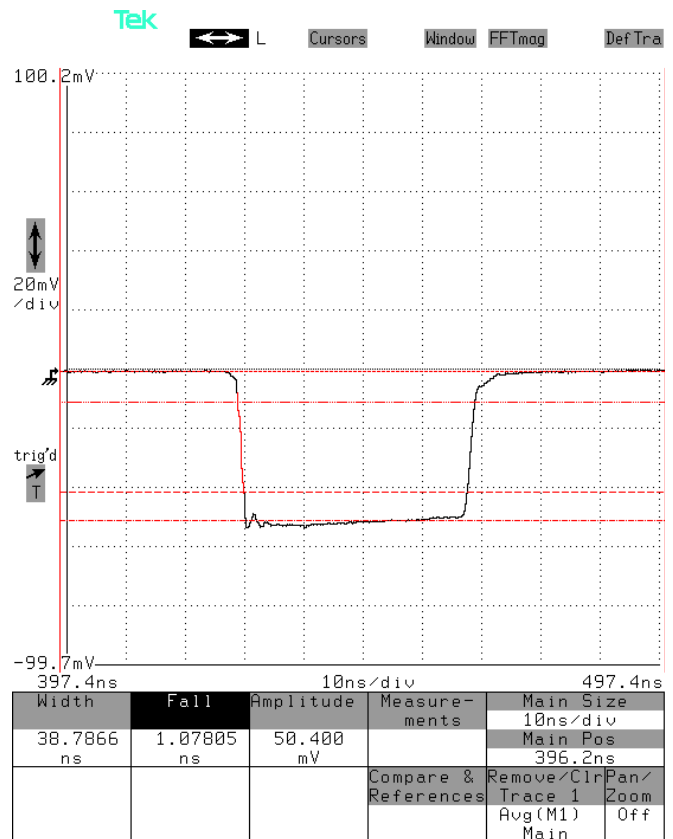
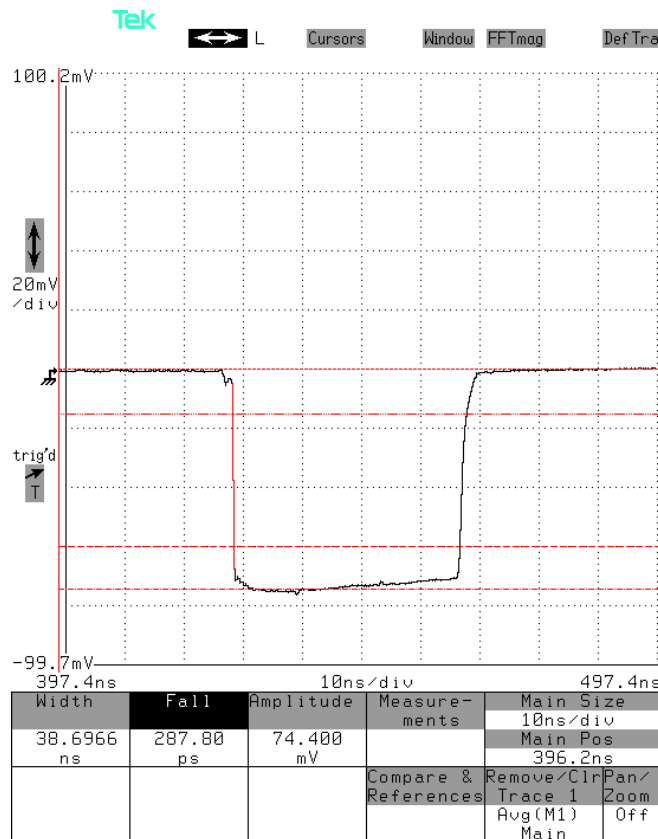
Rise-Time Test

Fast-rise-time input to AVX-CP-4, with other input terminated with 50 Ohms,

10 ns/div. 2 V/div (20 mV/div × 40 dB):

Corresponding output of AVX-CP-4,

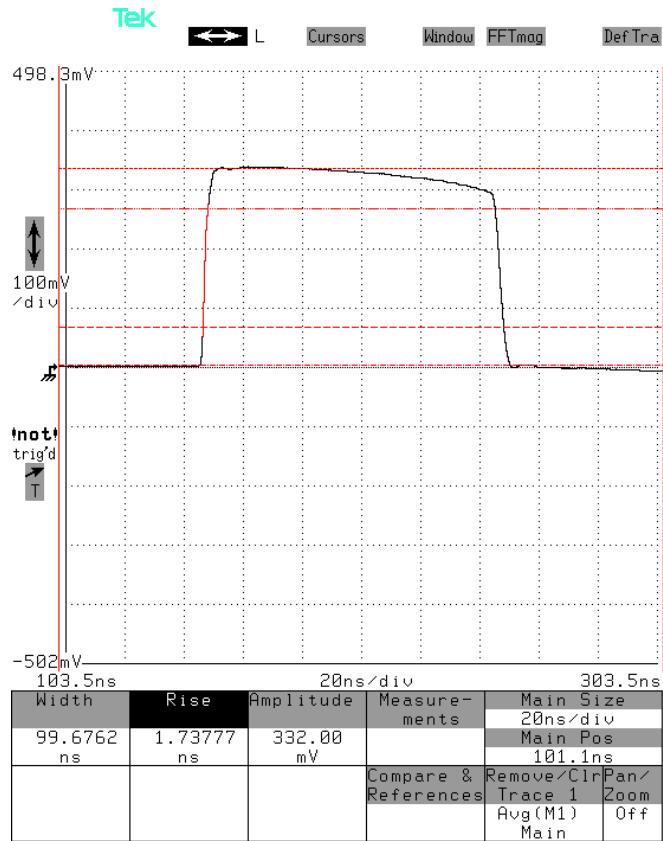
10 ns/div. 2 V/div (20 mV/div × 40 dB):



Maximum Amplitude Test

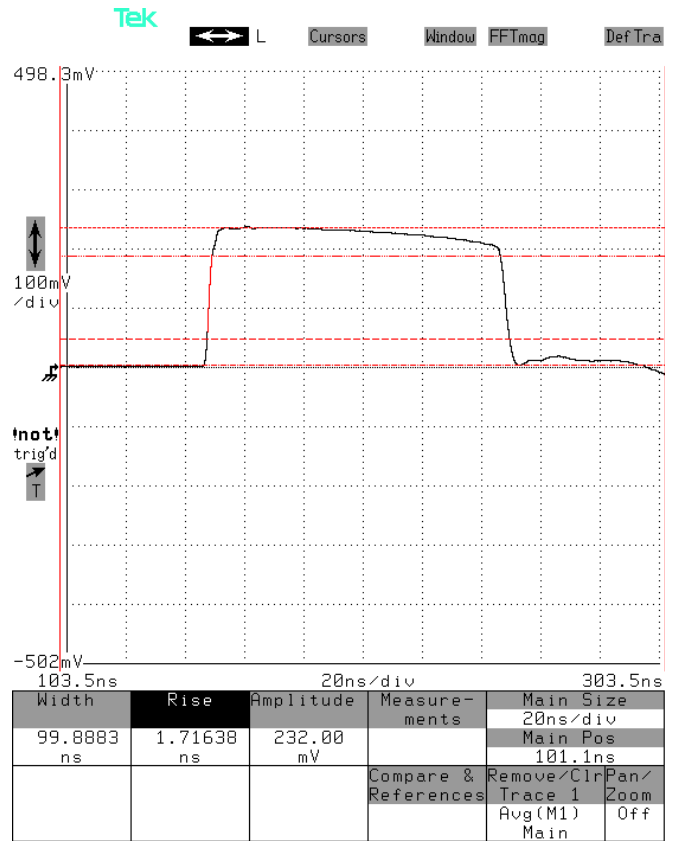
High-voltage input to AVX-CP-4, with other input terminated with 50 Ohms,

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



Corresponding output of AVX-CP-4,

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



Combining Test

+332V / 100 ns pulse input combined with a delayed +50V / 200 ns pulse input,

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

