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PERFORMANCE CHECKSHEET

Model: AVX-TB
Type: Ultra-High-Speed Bias Tee
S.N.: 13695
Date: March 5, 2018

Basic specifications -

Pulse/DC voltage limit: 50V
DC current limit: 0.25A
Pulse width range: 0.6 – 500 ns
Rise time (20%-80%): < 150 ps

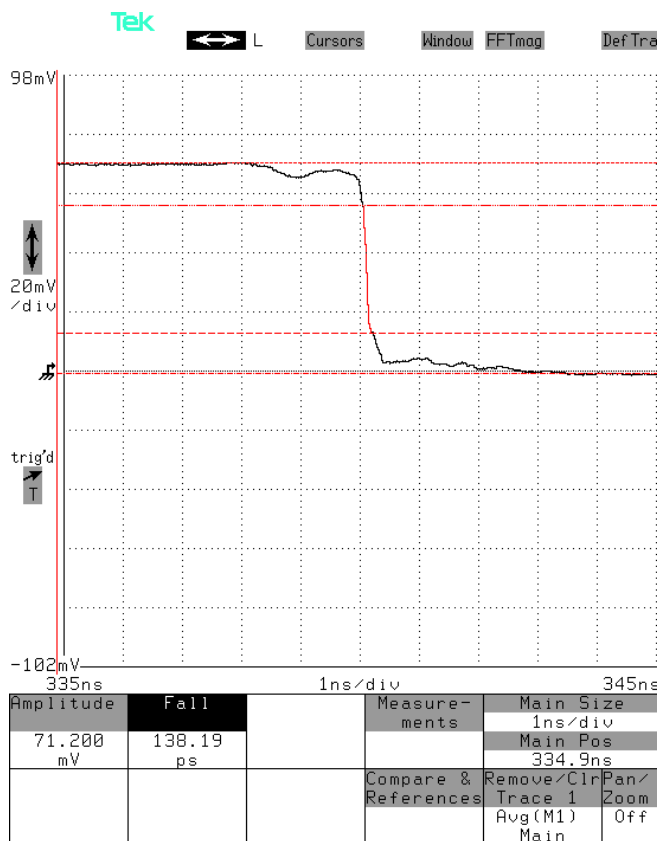
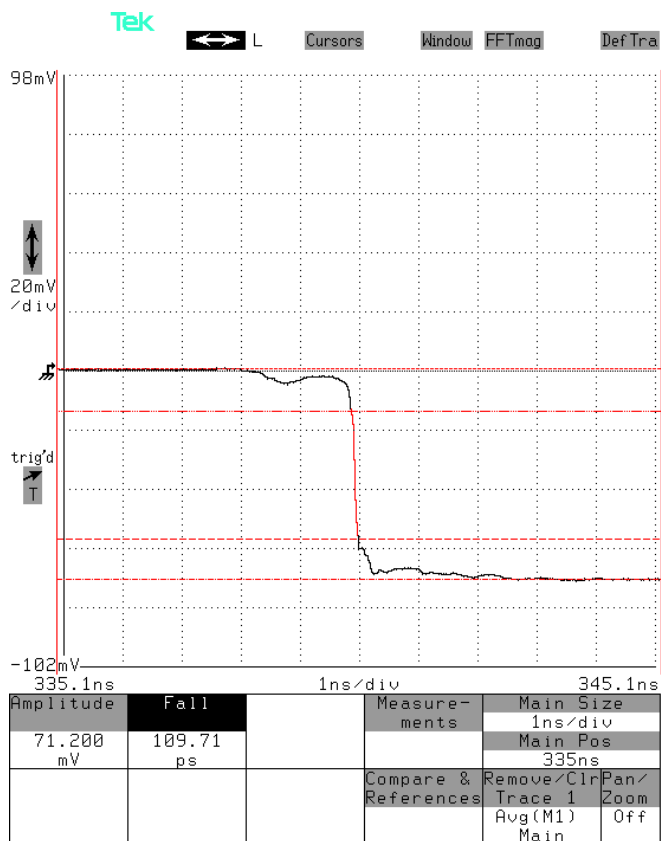
Rise Time Test Waveforms

~98 ps rise time, -7V input to AVX-TB,

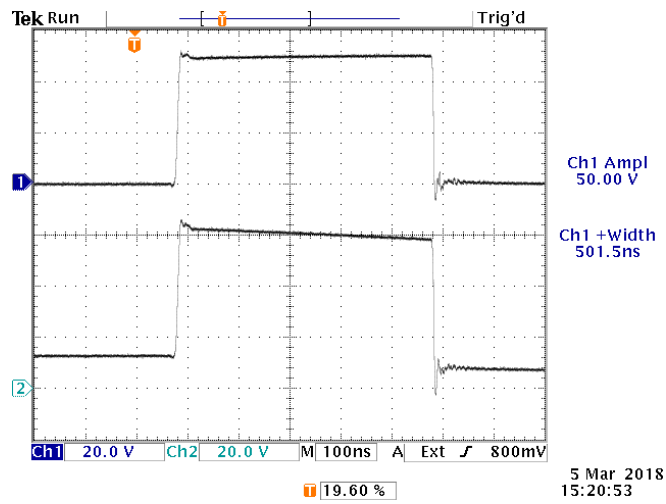
1 ns/div. 2 V/div (20 mV/div × 40 dB):

Corresponding output of AVX-TB with +7V DC bias added,

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



Maximum Pulse Width / Amplitude / Offset Test Waveforms



Top: +50V / 500 ns from AV-1015-B

Bottom: Corresponding output of AVX-TB with +12.5V DC bias added (+250 mA)