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PERFORMANCE CHECKSHEET

Model: AVX-T
Type: Ultra-High-Speed Bias Tee
S.N.: 13622
Date: October 17, 2017

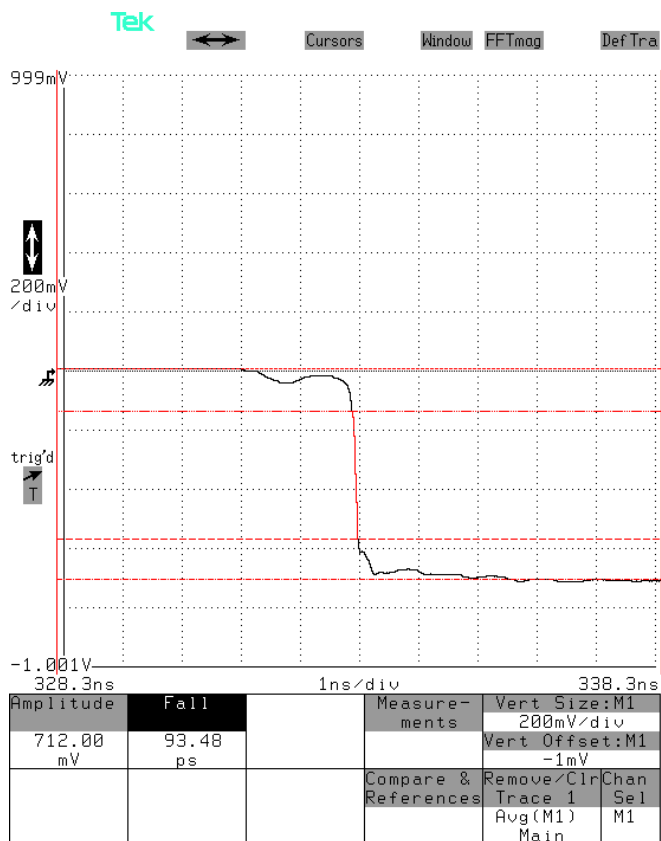
Basic specifications -

Pulse/DC voltage limit: 200V
DC current limit: 0.5A
Pulse width range: 0.2 – 50 ns
Rise time (20%-80%): < 60 ps

Rise Time Test

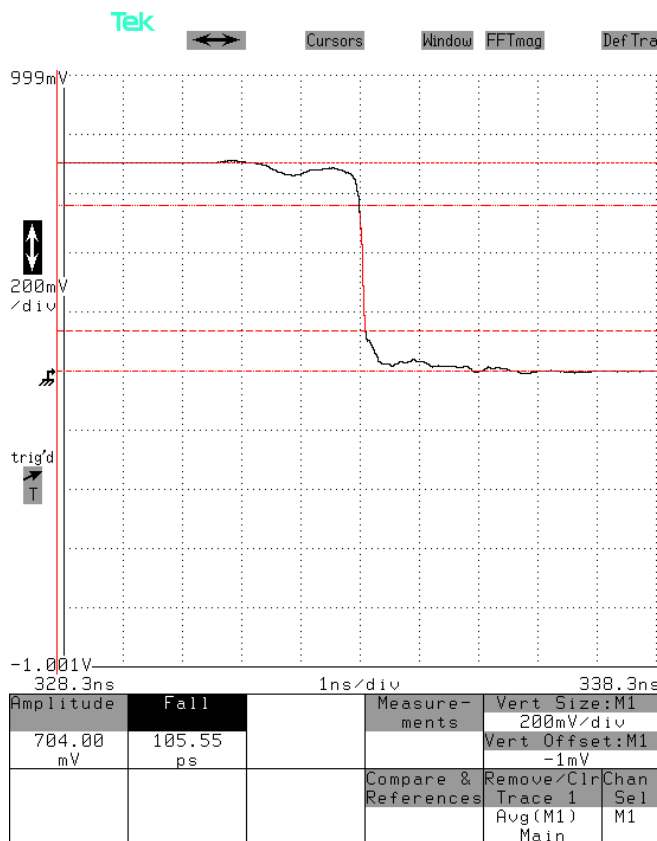
~98 ps rise time, -7V input to AVX-T,

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



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

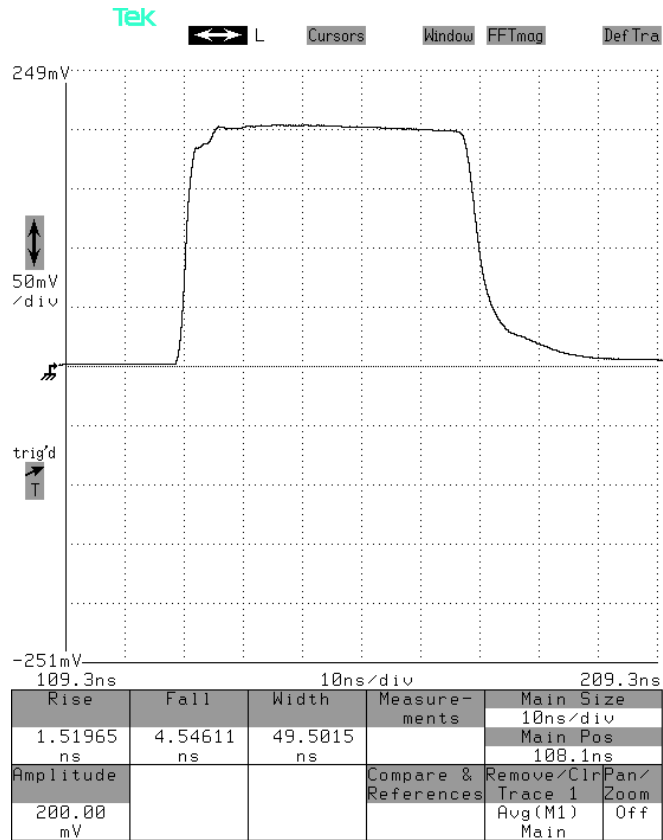
1 ns/div. 2 V/div (20 mV/div × 40 dB):



Maximum Amplitude / PW / Offset Test

200V. 50 ns input to AVX-T,

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



Corresponding output of AVX-T with +25V DC bias added,

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

