



P.O. BOX 265
OGDENSBURG, NY
U.S.A. 13669-0265

TEL: 888-670-8729 (USA & Canada) or +1-613-686-6675 (Intl)
FAX: 800-561-1970 (USA & Canada) or +1-613-686-6679 (Intl)

BOX 5120, LCD MERIVALE
OTTAWA, ONTARIO
CANADA K2C 3H5

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

PERFORMANCE CHECKSHEET

Model: AVX-T
Type: Ultra-High-Speed Bias Tee
S.N.: 13861
Date: January 24, 2019

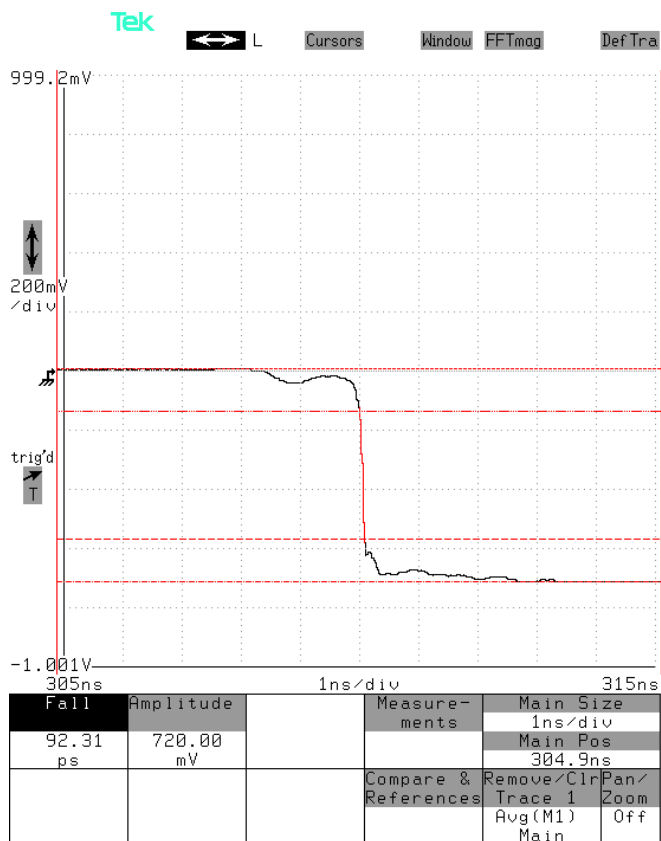
Basic specifications -

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

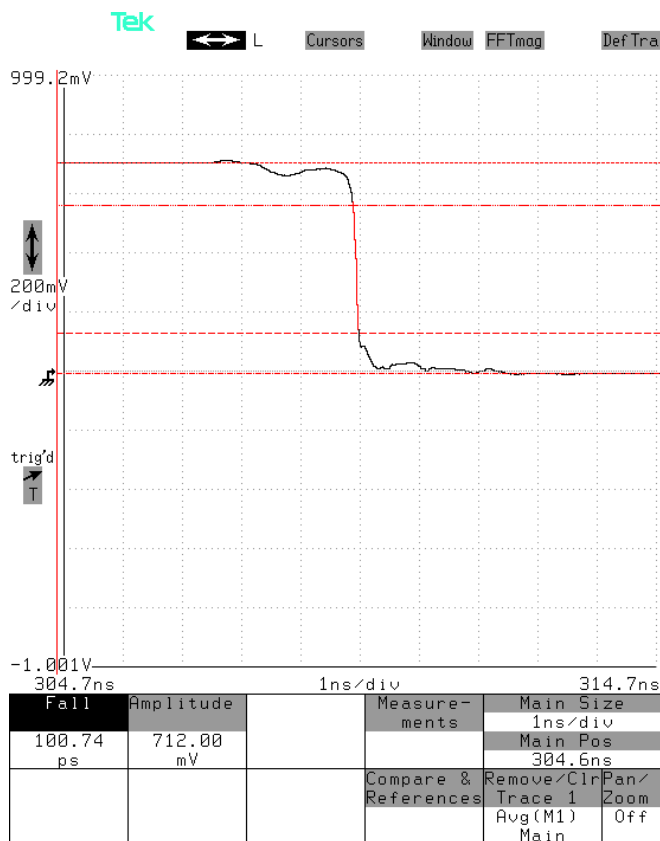
~97 ps rise time, -7V input to AVX-T,

1 ns/div. 2 V/div (200 mV/div × 20 dB):



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

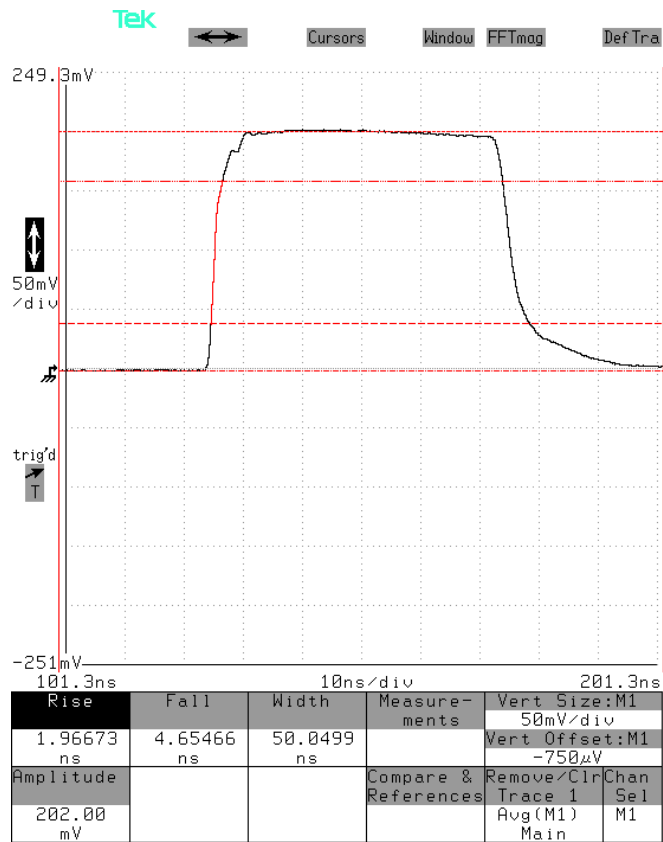
1 ns/div. 2 V/div (200 mV/div × 20 dB):



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):

