

#15 adapter: TYPE-C 5V/3A; 9V/2.22A; 12V/1.67A



Issue.

This adapter is connected with TPS25750 EVM(TPS25750 is selected 27W power sink only. PD communication is failed,and the Vbus is unstable





Fig. 01 CH1: Vbus; CH2:CC2;



Fig. 02 CH1: Vbus; CH2:CC2;zoom In



Fig. 03 CH1: Vbus; CH2:CC2;zoom In

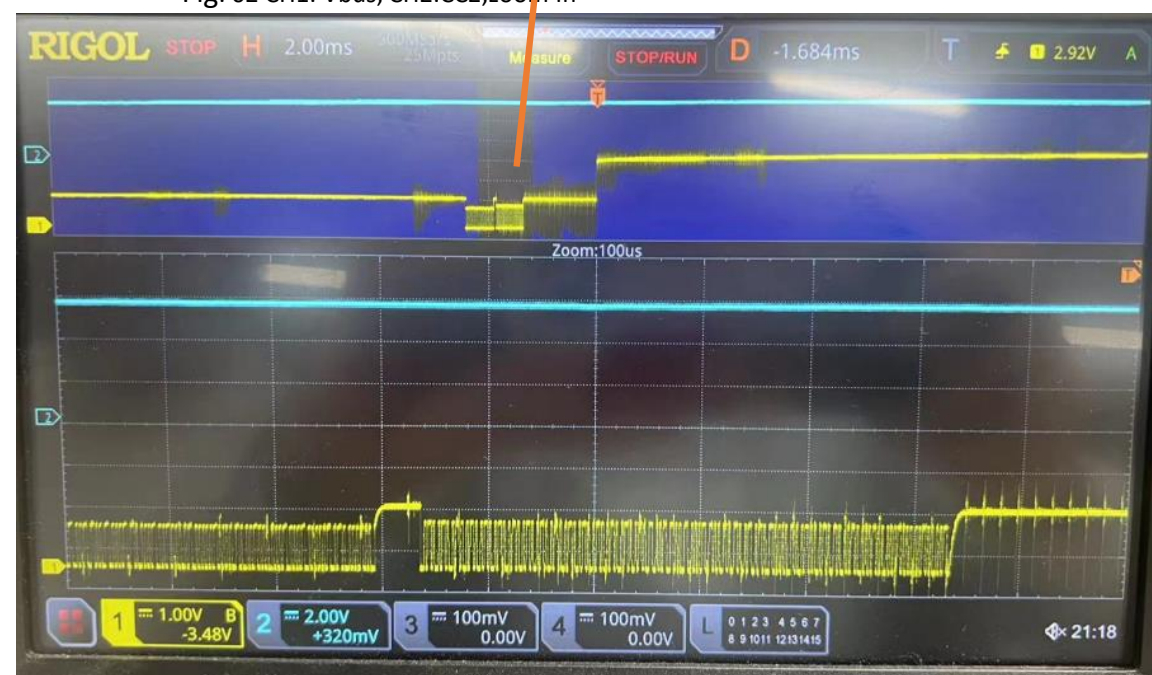


Fig. 04 CH1: Vbus; CH2:CC2;zoom In





Fig. 01 CH1: Vbus; CH2:CC2;



Fig. 02 CH1: Vbus; CH2:CC2;zoom In

The waveforms on page2 & 3 are tested on Mar.06,2024

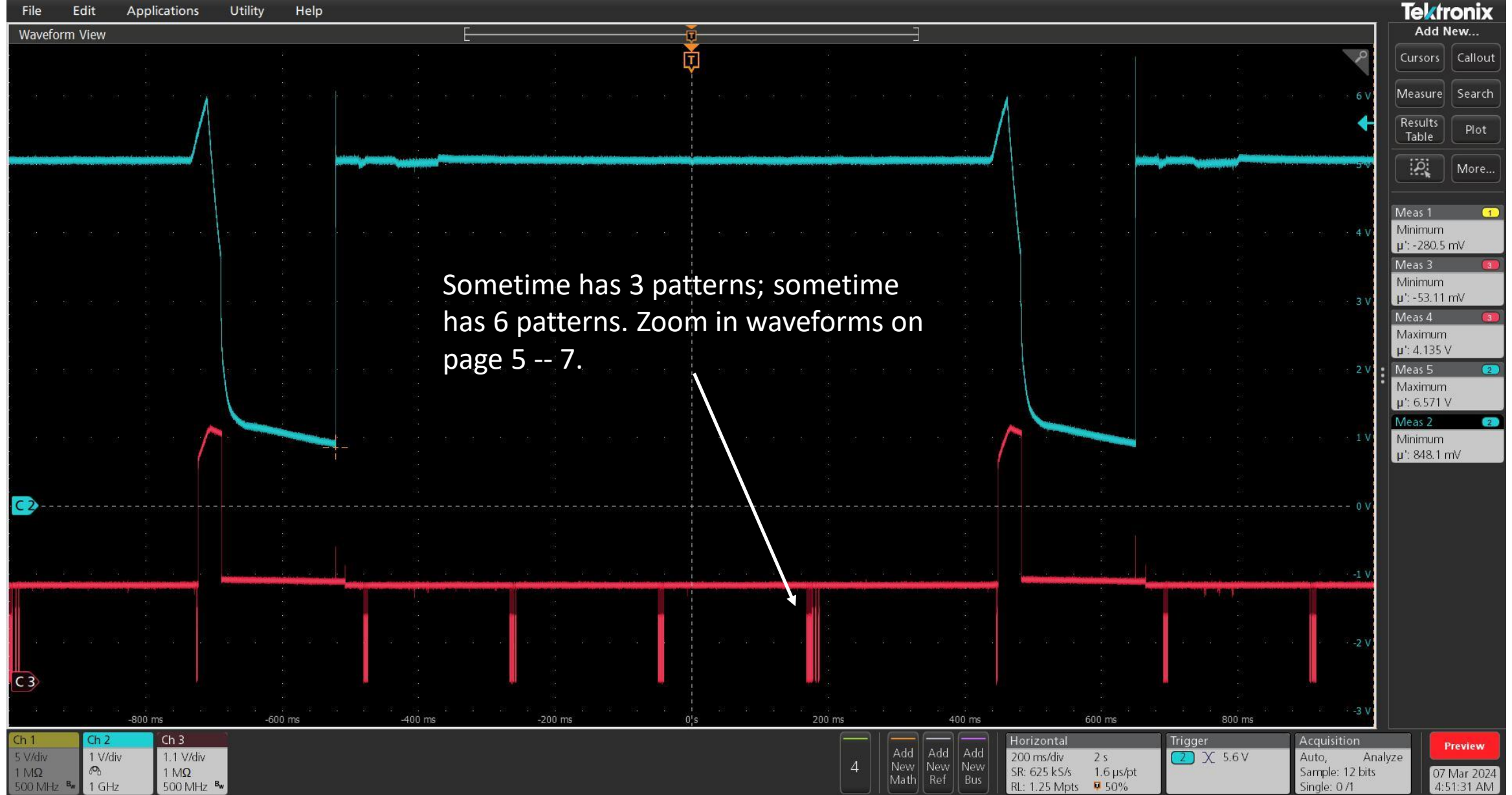


Fig. 03 CH2: Vbus; CH3:CC2;Vbus peak =6.57v, CC2 peak is 4.1v;

Zoom in waveforms are in next slides.

Test conditions: #15 adapter +TPS25750EVM (configure file is selected as 27W power sink only)



Fig. 04 CH2: Vbus; CH3:CC2;



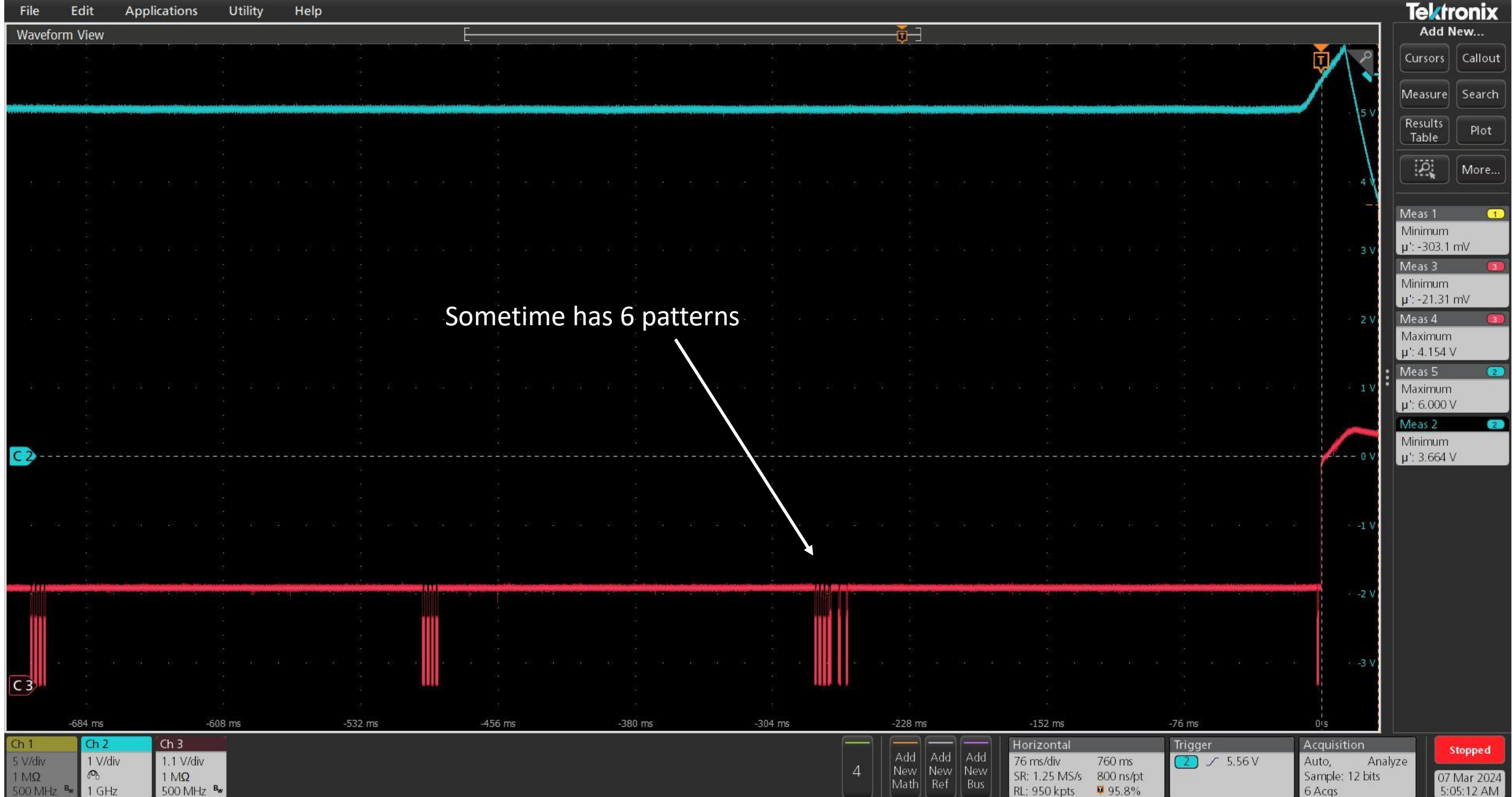


Fig. 05 CH2: Vbus; CH3:CC2;



Fig. 06 CH2: Vbus; CH3:CC2;

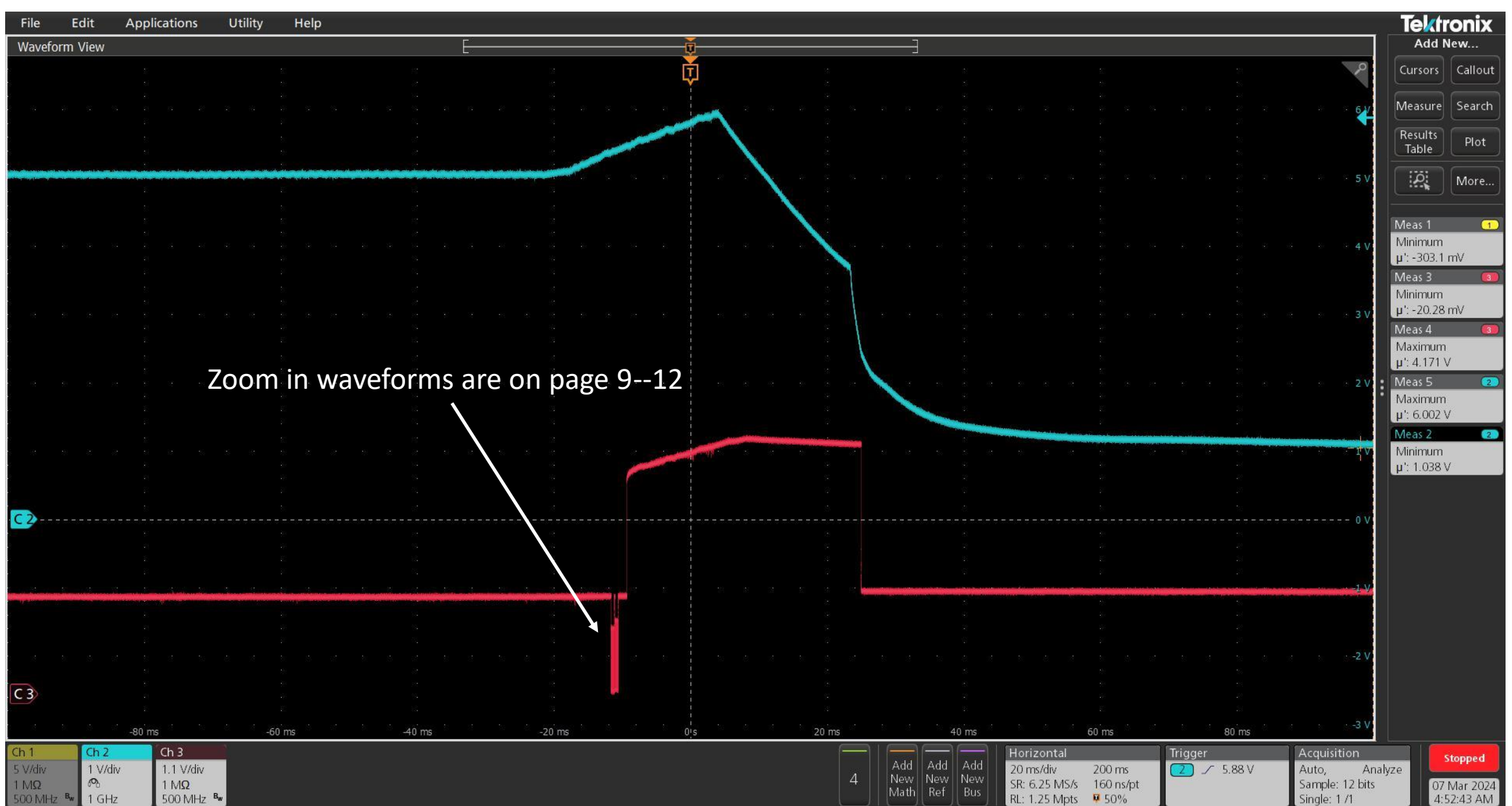


Fig. 07 CH2: Vbus; CH3:CC2;Trigger voltage is 5.88v;





Fig. 08 CH2: Vbus; CH3:CC2;



Fig. 09 CH2: Vbus; CH3:CC2;



Fig. 10 CH2: Vbus; CH3:CC2;



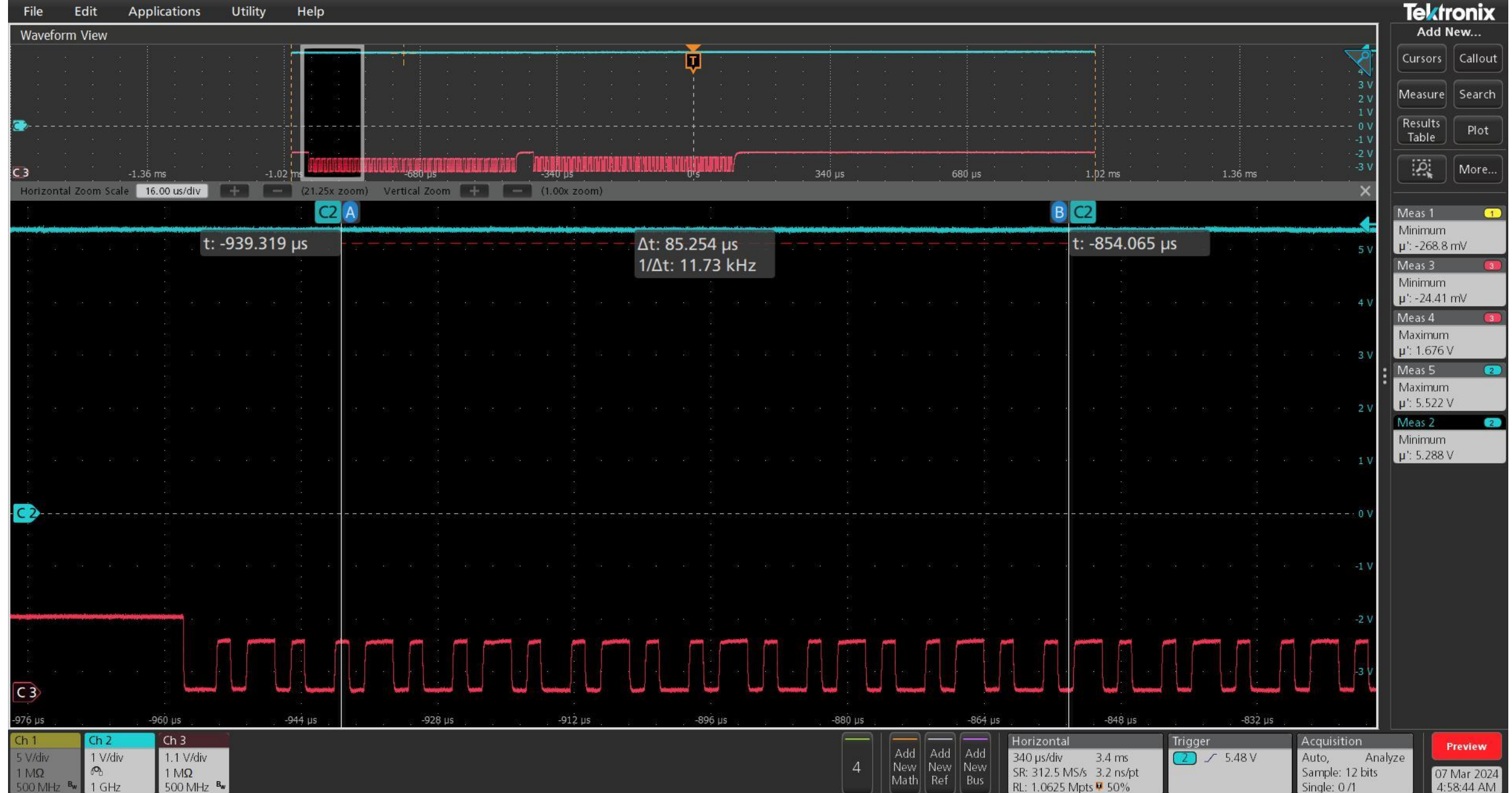


Fig. 11 CH2: Vbus; CH3:CC2;