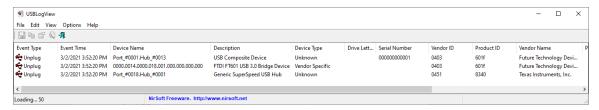
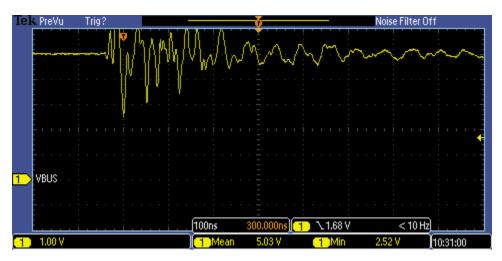
Often while operating in our instrument, the USB 3 HUB (PN: TUSB8043AIRGCR) drops out of Windows as shown:



The USB 2.0 section of the HUB is working fine.

We do have some noise on VBUS as shown:



However, the USB 3 HUB as I understand it, has debouncing logic on the VBUS. Can this noise explain why only the USB 3 section of the hub unplugs?

Does TI have any suggestions to improve the robustness of the design?