TPS2552 OUTPUT current＆FAULT PIN Waveform
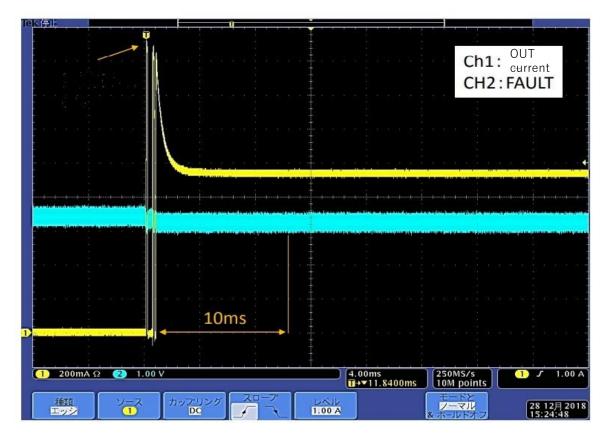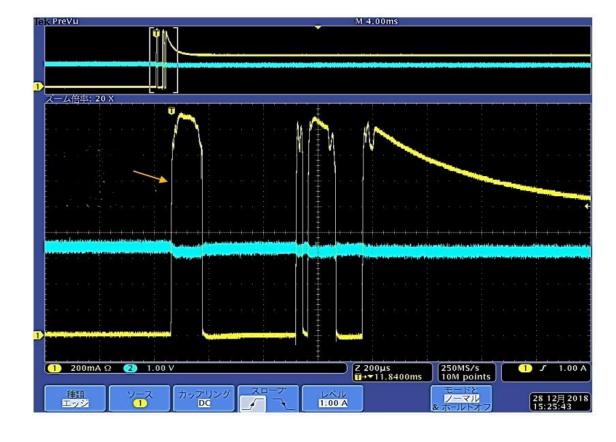

Circuit specification

Vin=3.3V
Rilim=27kΩ
RFAULT=47KΩ
Cout=220uF+0.1uF

I put a switch on the output, draw current and apply current limit.（Load resistance=1.8Ω）

Question
Please look at the waveform above.

Current limit is applied but fault = L does not occur.
Why is this?

Thank you.