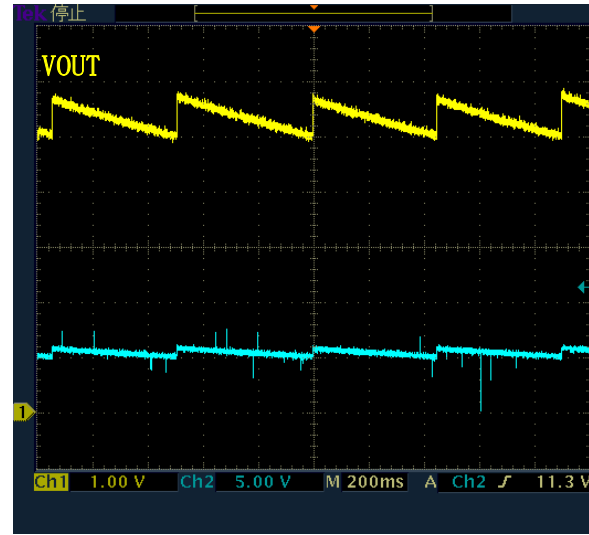
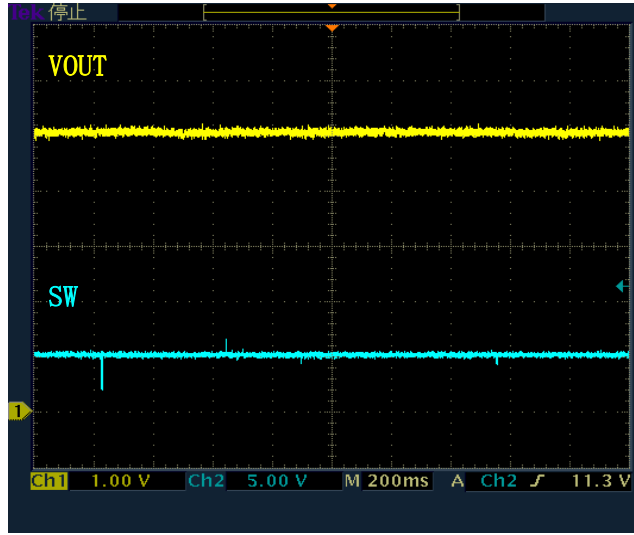


## TI EVM evaluation results

VIN = +24V、Ta = RT Vout=5V 0A

Normal sample

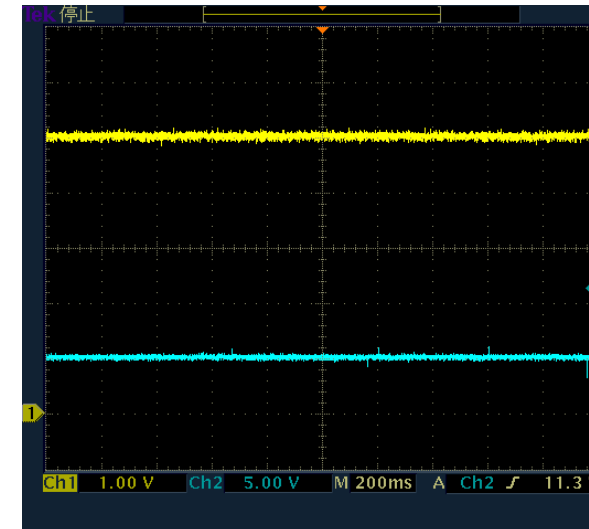
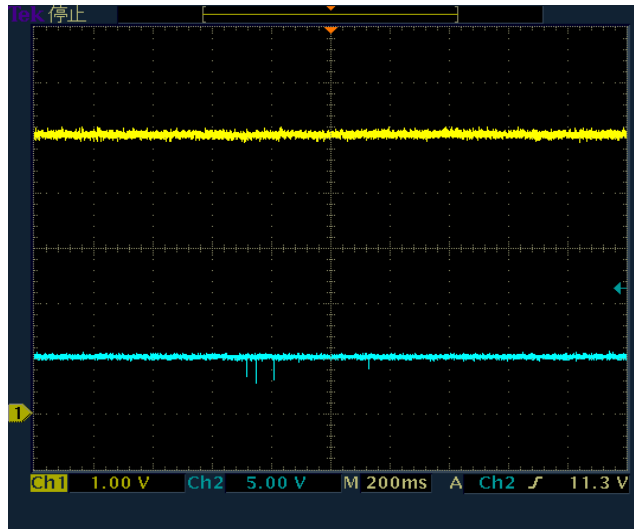
Unit # 1 sample



VIN = +18V、Ta = RT Vout = 5V 0A

Normal sample

Unit # 1 sample



Look at the waveform on the left.  
Upper waveform: Vin = 24V Vout = 5V 0A  
Waveform left: Normal product  
Waveform right: Operation error  
Lower waveform: Vin = 18V Vout = 5V 0A  
Waveform left: Normal product  
Waveform right: Operation error  
The malfunctioning product is sawing the output at Vin = 24V.  
This phenomenon can not be seen at Vin = 18V.

Question

- Defective product rises to Vout = 5.8V.  
Why is the output not stable like this?