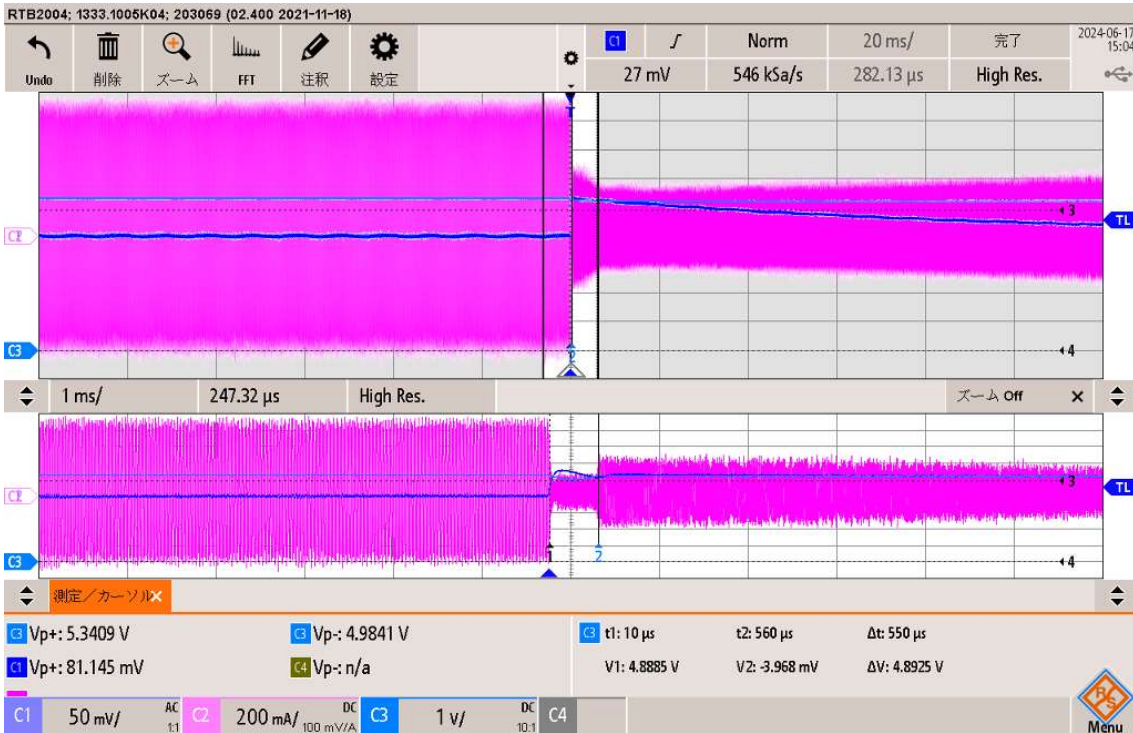


1. When the transient response is under control

Condition: Load 100% → 0% (output switch ON → OFF)

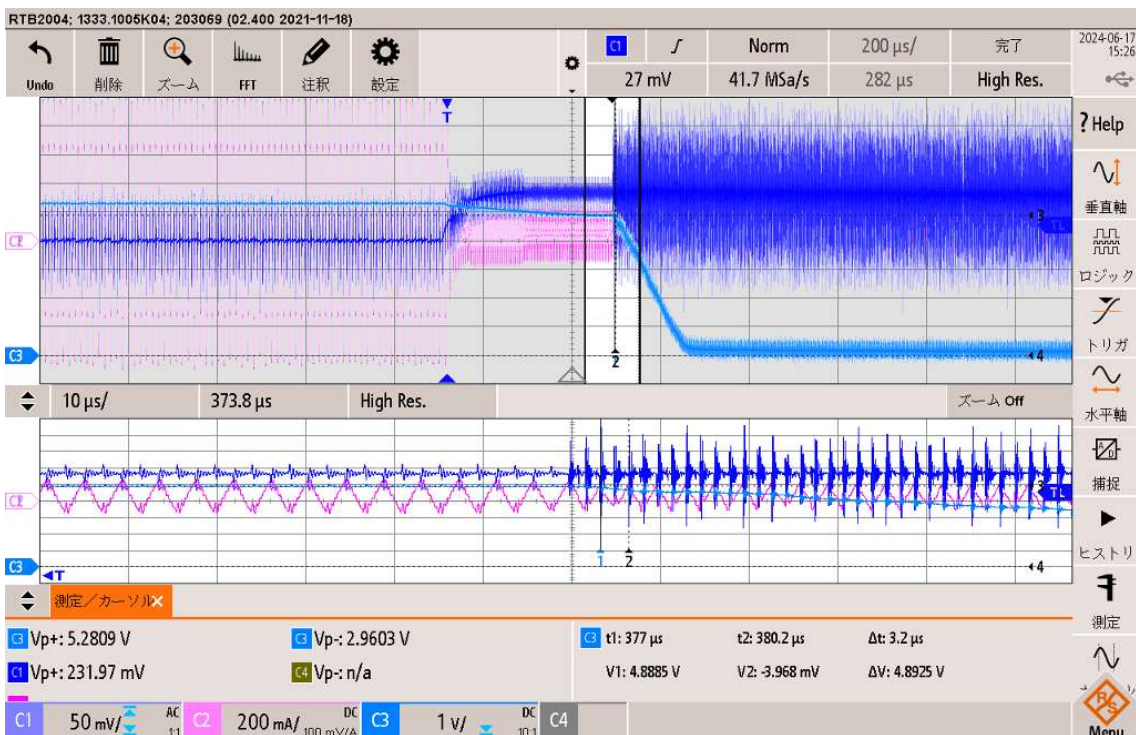


C1: 5V output voltage [AC50mV/div], C2: Primary resonance current [DC200mA/div], C3: FB terminal voltage [DC1V/div]

(Measurement results): When there is a sudden change, an overshoot occurs, but the voltage converges to a constant level.

2. When control response is lost due to a sudden load change

Condition: Load 100% → 0% (output switch ON → OFF)



C1: 5V output voltage [AC50mV/div], C2: Primary resonance current [DC200mA/div], C3: FB terminal voltage [DC1V/div]

(Measurement result): During a sudden change, after an overshoot occurs, the output voltage does not converge to a constant voltage, and the FB terminal voltage is rapidly pulled from approximately 4.8V to 0V.