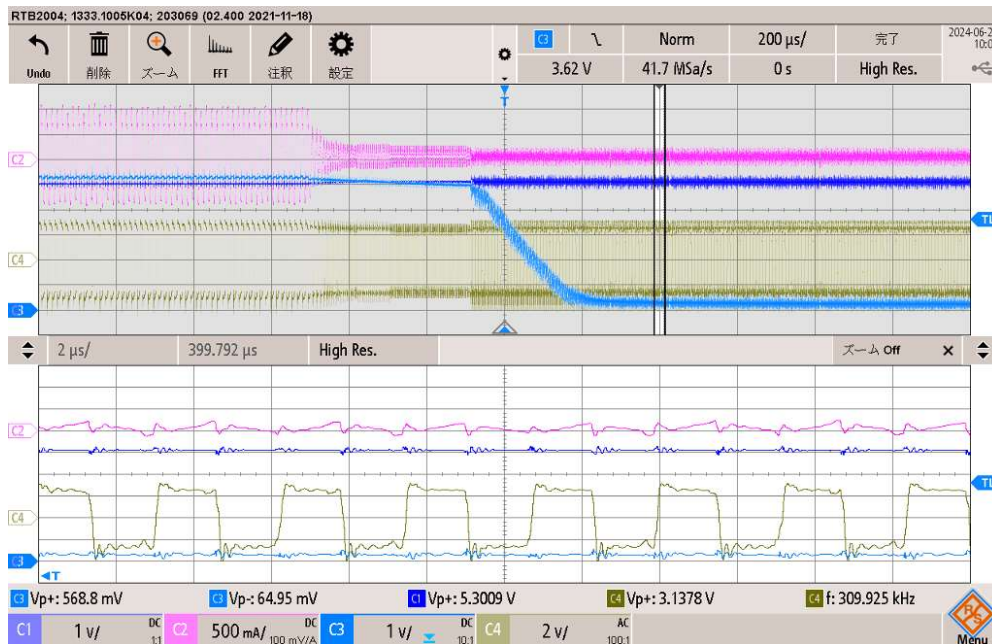


As you pointed out, we re-measured the BW terminal waveform when the control response was lost due to a sudden load change.

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

(BW terminal filter capacitor 0.01  $\mu$ F removed)

Measure BW and FB terminals simultaneously



C1: 5V output voltage [DC1V/div], C2: Primary resonant current [DC500mA/div], C3: FB terminal voltage [DC1V/div], C4: BW terminal voltage [AC2V/div]

(Measurement result)

- ① After a sudden change from 100% to 0% 5V load, the FB terminal voltage is rapidly pulled from approximately 4.8V to 0V after approximately 200  $\mu$  sec.
- ② During the sudden change, no overvoltage occurs at the BW terminal, and the peak value remains almost the same as before the sudden change, with no signs of overvoltage occurring.
- ③ After the FB terminal voltage droops, the switching frequency of the BW terminal voltage is measured to be approximately 310kHz.