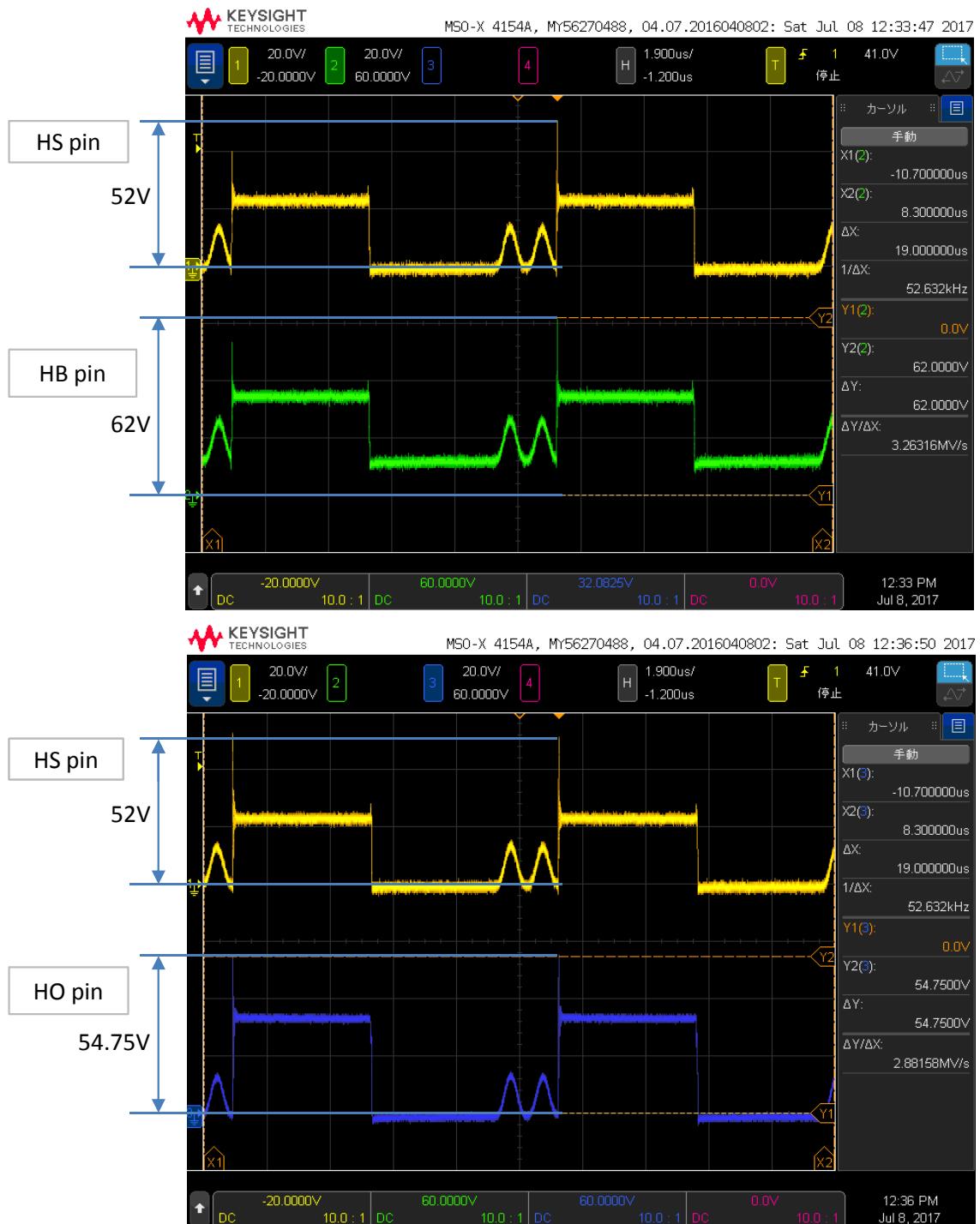


Switching waveform of LM25118 on customer's PCB board

Vin=24V / Vout=12V Iout=1.5A



Absolute maximum ratings of the LM25118 data sheet

- HB to HS . . . -0.3~16V
- HO to HS . . . -0.3~HB+0.3V
- HS to GND . . . -4~45V

Actual measurement value

- HB to HS . . . 10V
- HO to HS . . . 2.75V
- HS to GND . . . **52V**

←This voltage exceeds the absolute maximum rating.