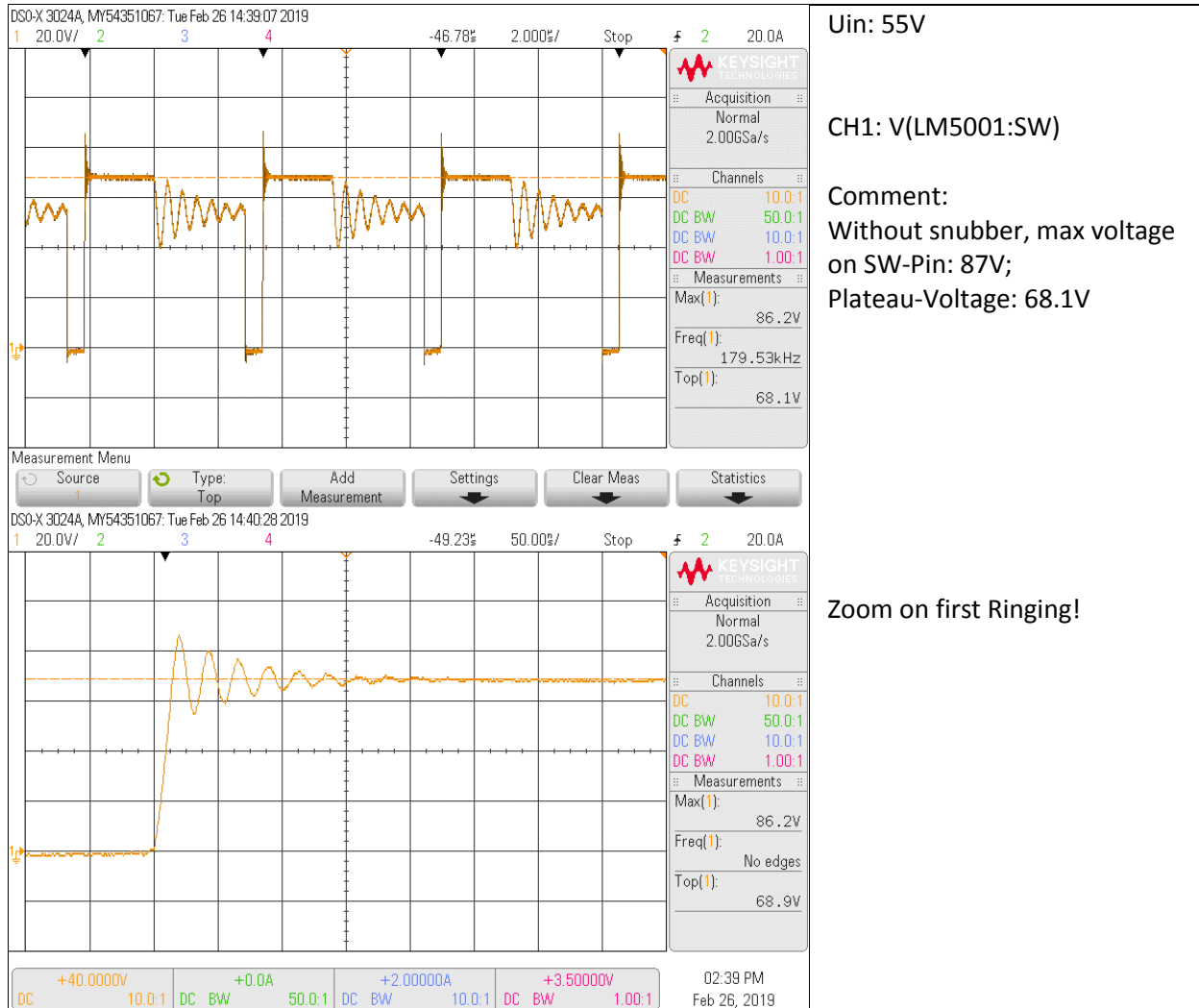
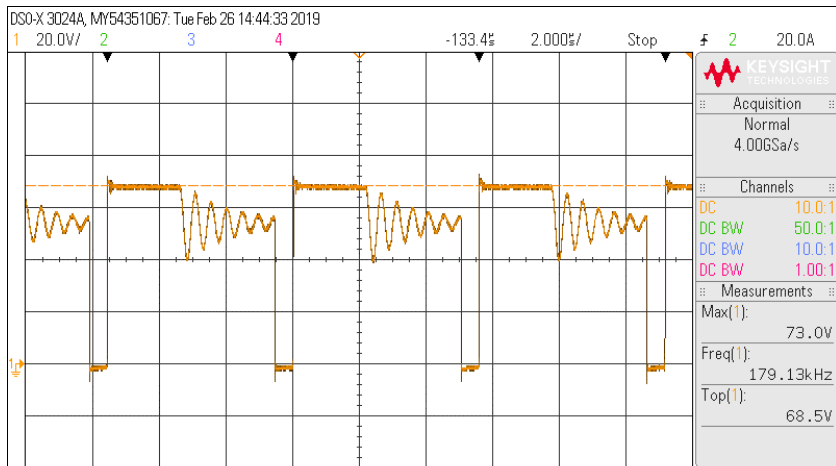


Measurements SW Voltage of LM5001

The LM5001 is rated for 75V input voltage and 76V steady state voltage on SW pin. Without additional snubber the voltage exceeds 76V on SW pin.



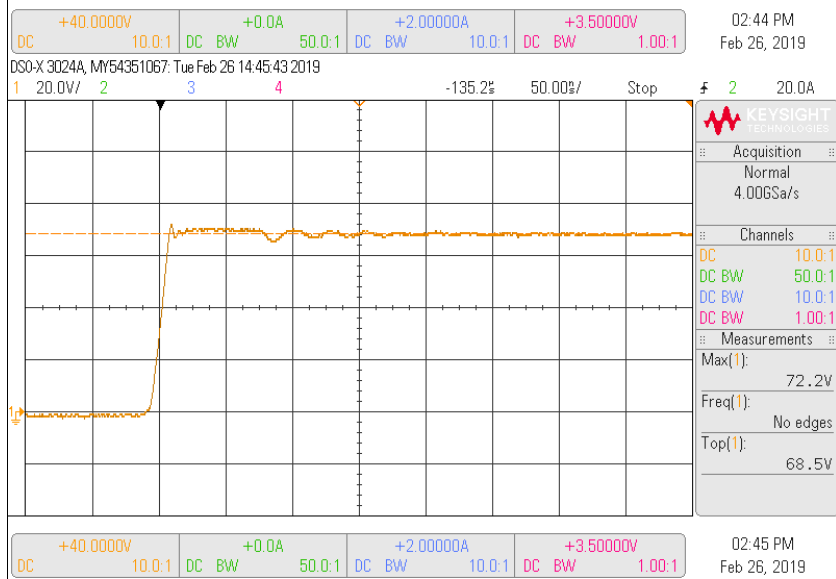
By adding an RCD-Snubber the voltage can be reduced. See following pics.



Uin: 55V

CH1: V(LM5001:SW)

Comment:
With RCD-snubber, max voltage
on SW-Pin: 73V;
Plateau-Voltage: 68.5V



Zoom on first Ringing!