

Figure Circuit Diagram

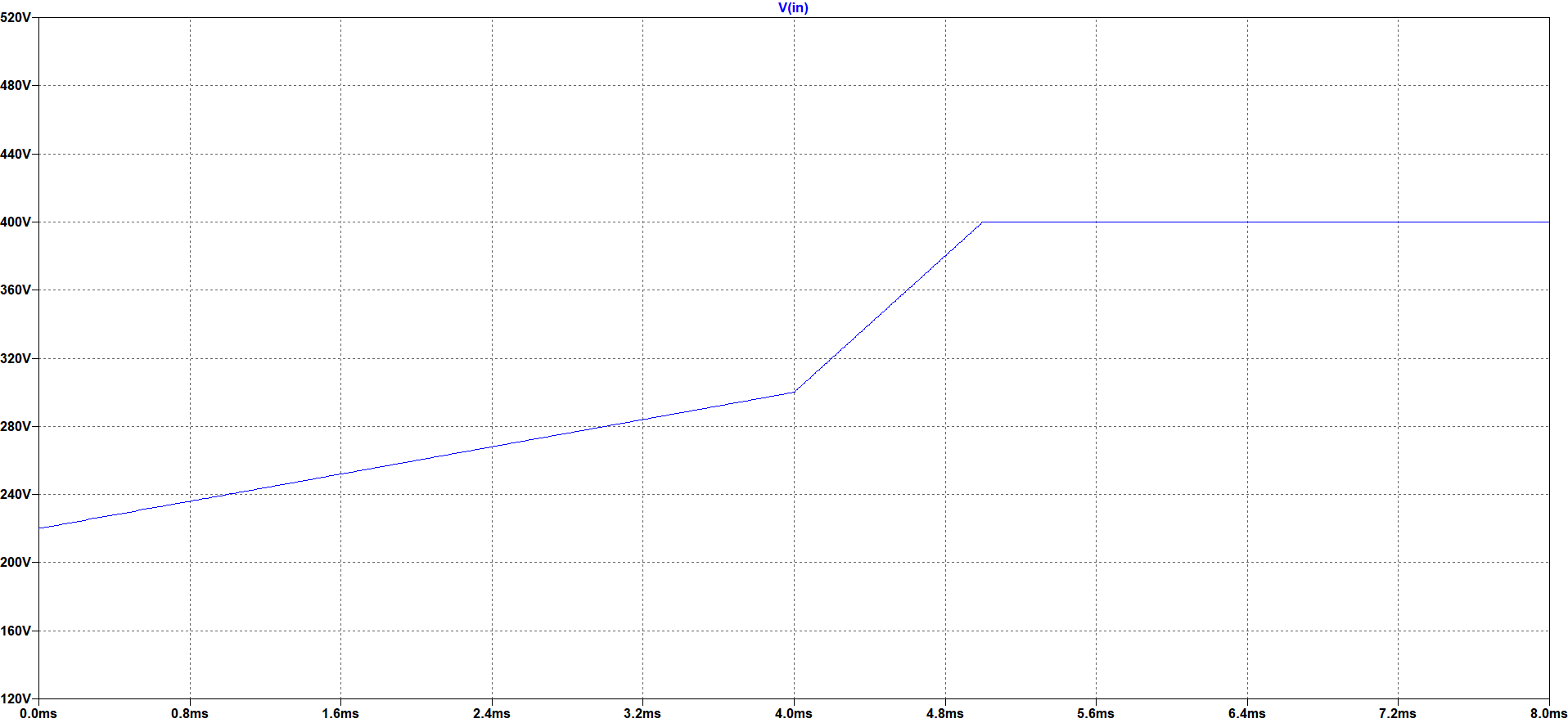


Figure Varying Input Voltage

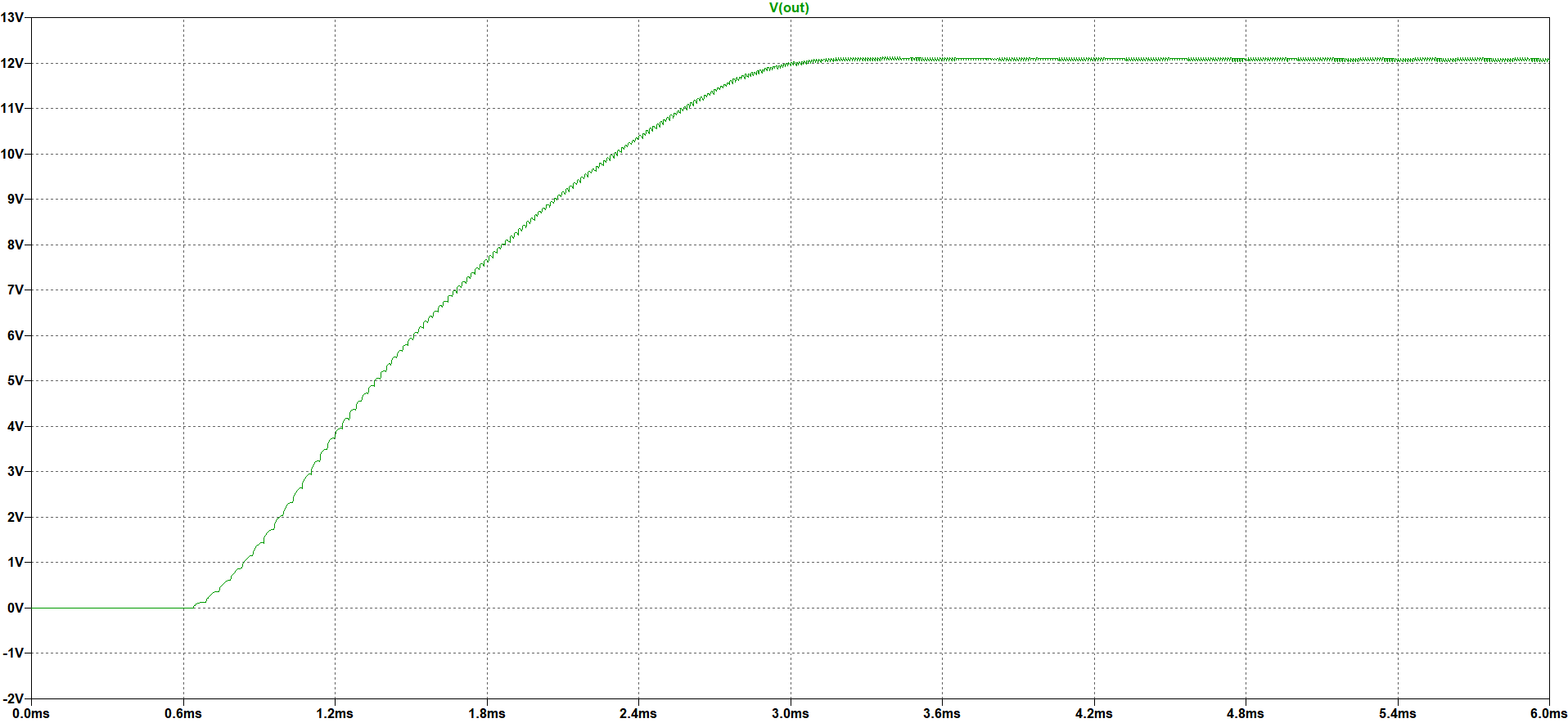


Figure Output Voltage Performance for Varying Input Voltage

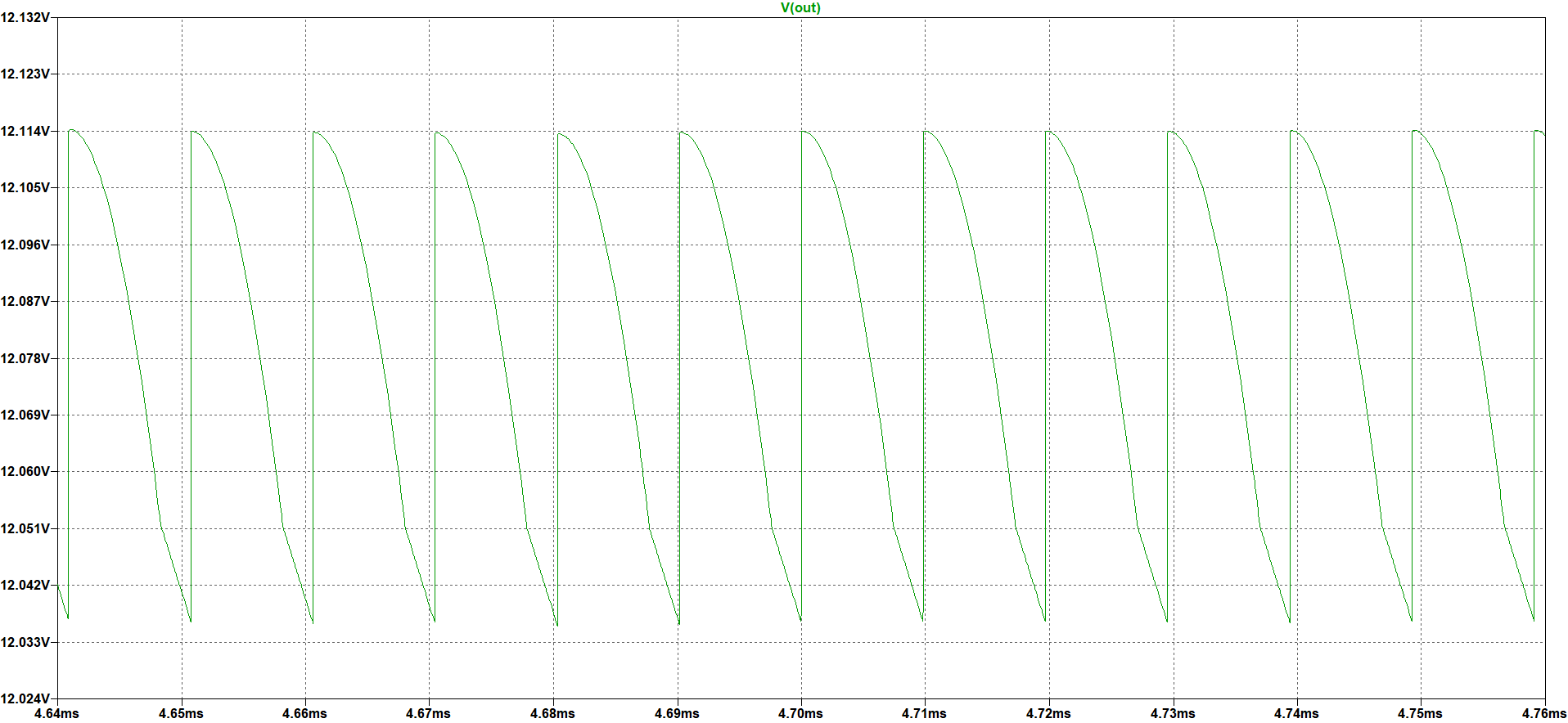


Figure Output Voltage Ripple for Varying Input Voltage

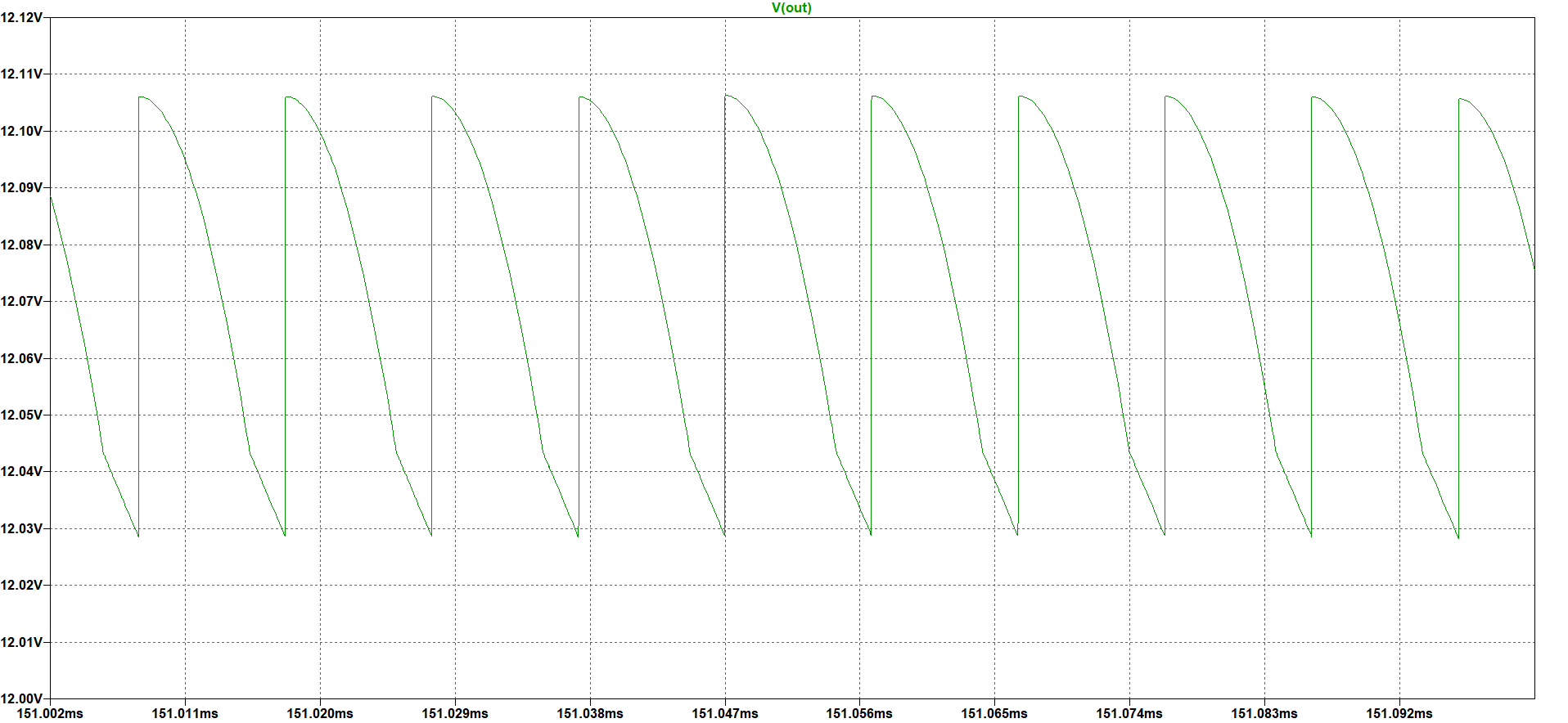


Figure Output Voltage Ripple for 220 V Input Voltage



Figure Output Voltage for 220V Input Voltage

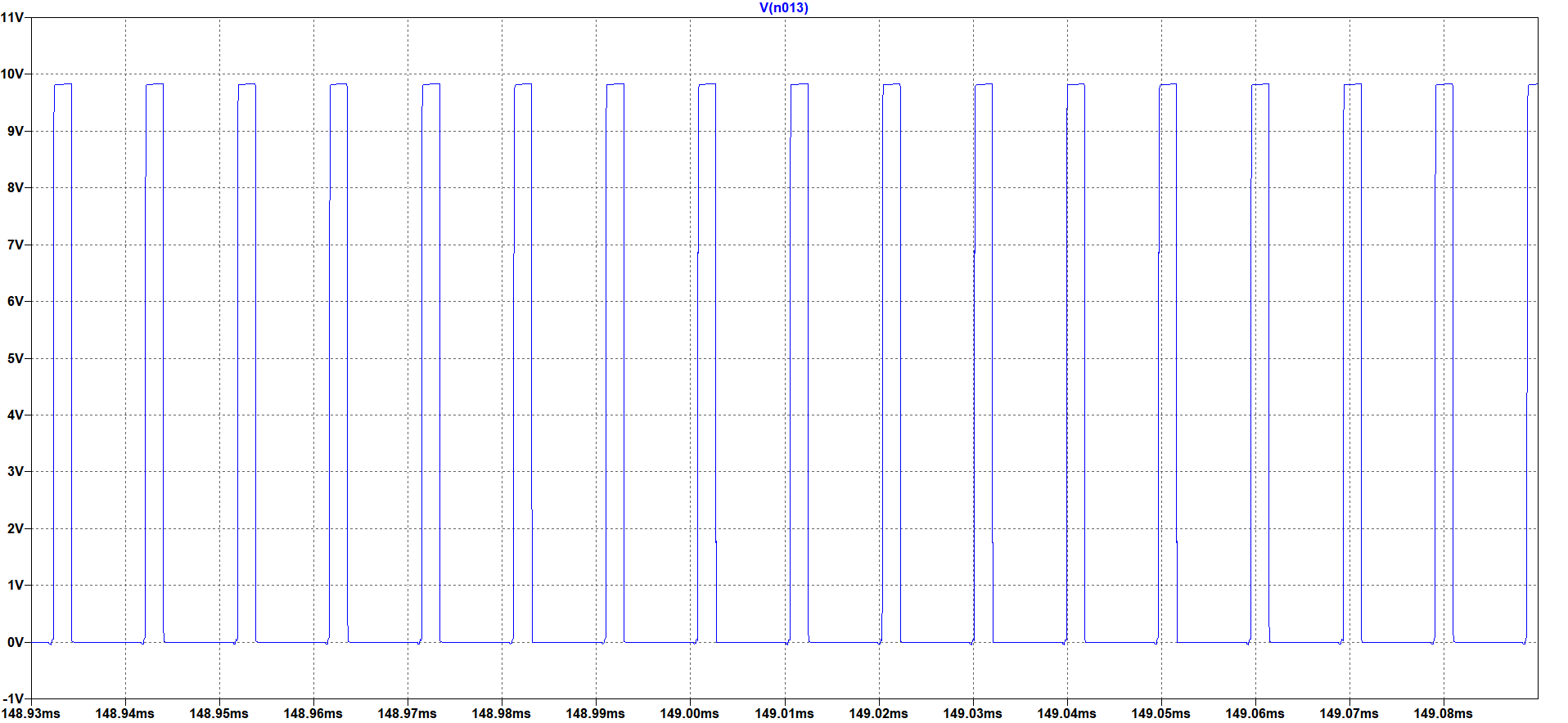


Figure MOSFET Gate Voltage for 220 V Input Voltage

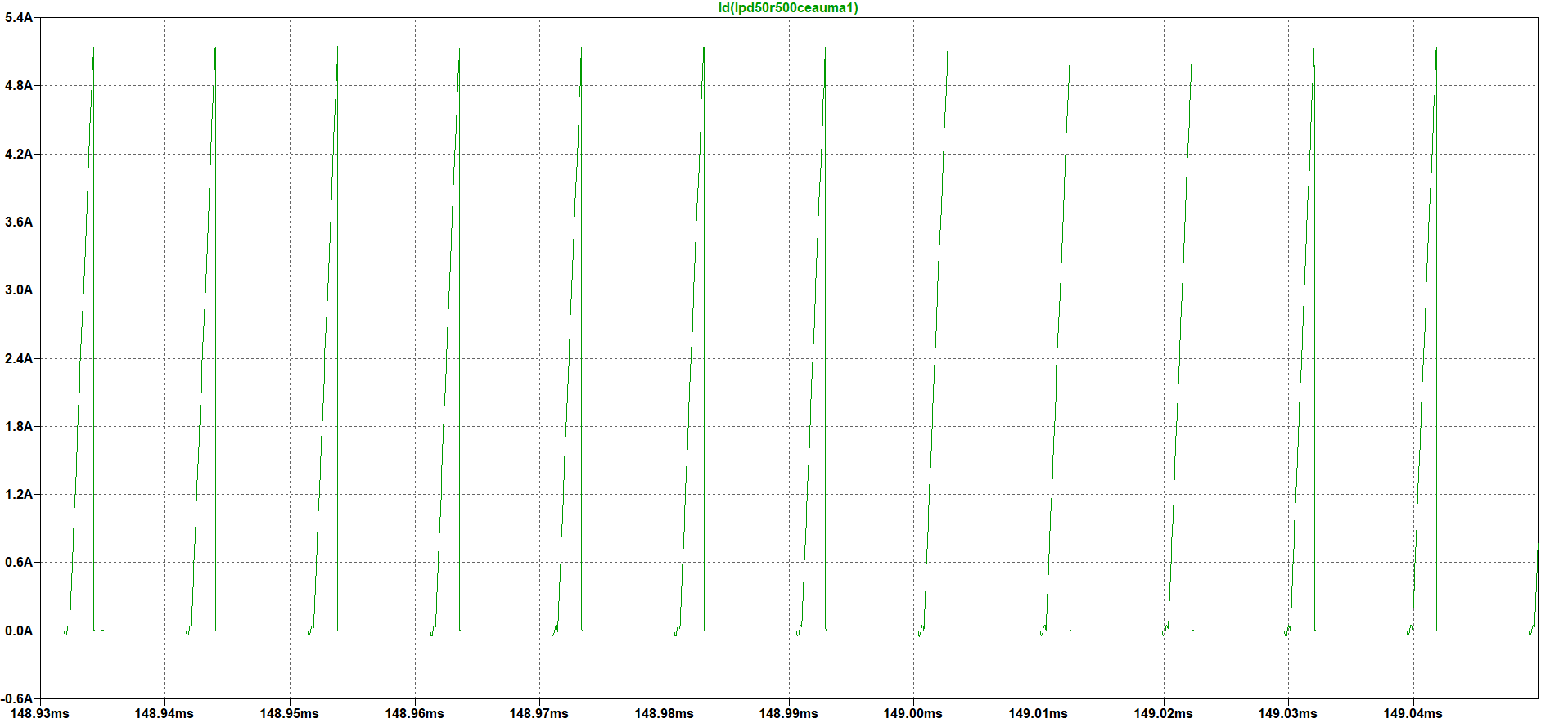


Figure MOSFET Current for 220 V Input Voltage

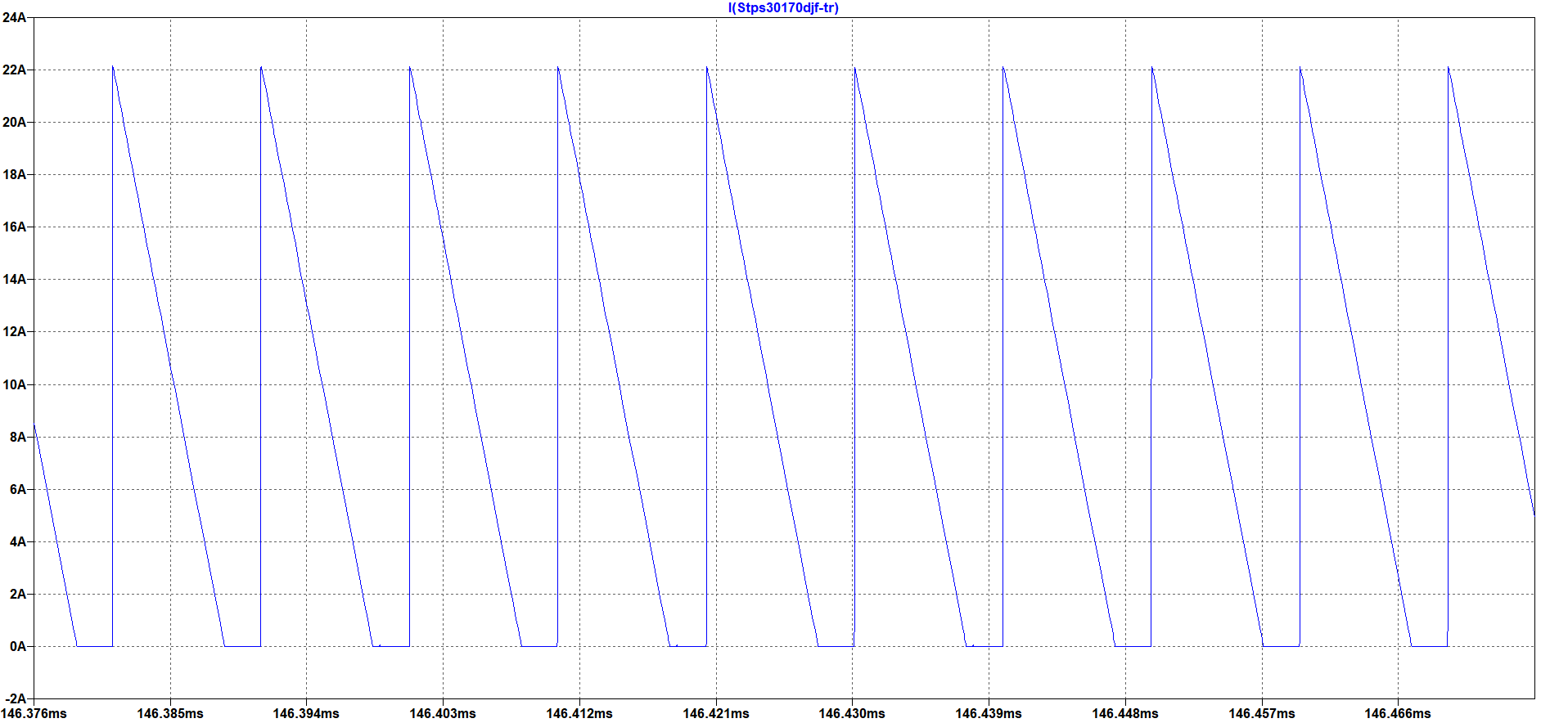


Figure Output Diode Current for 220 V Input Voltage

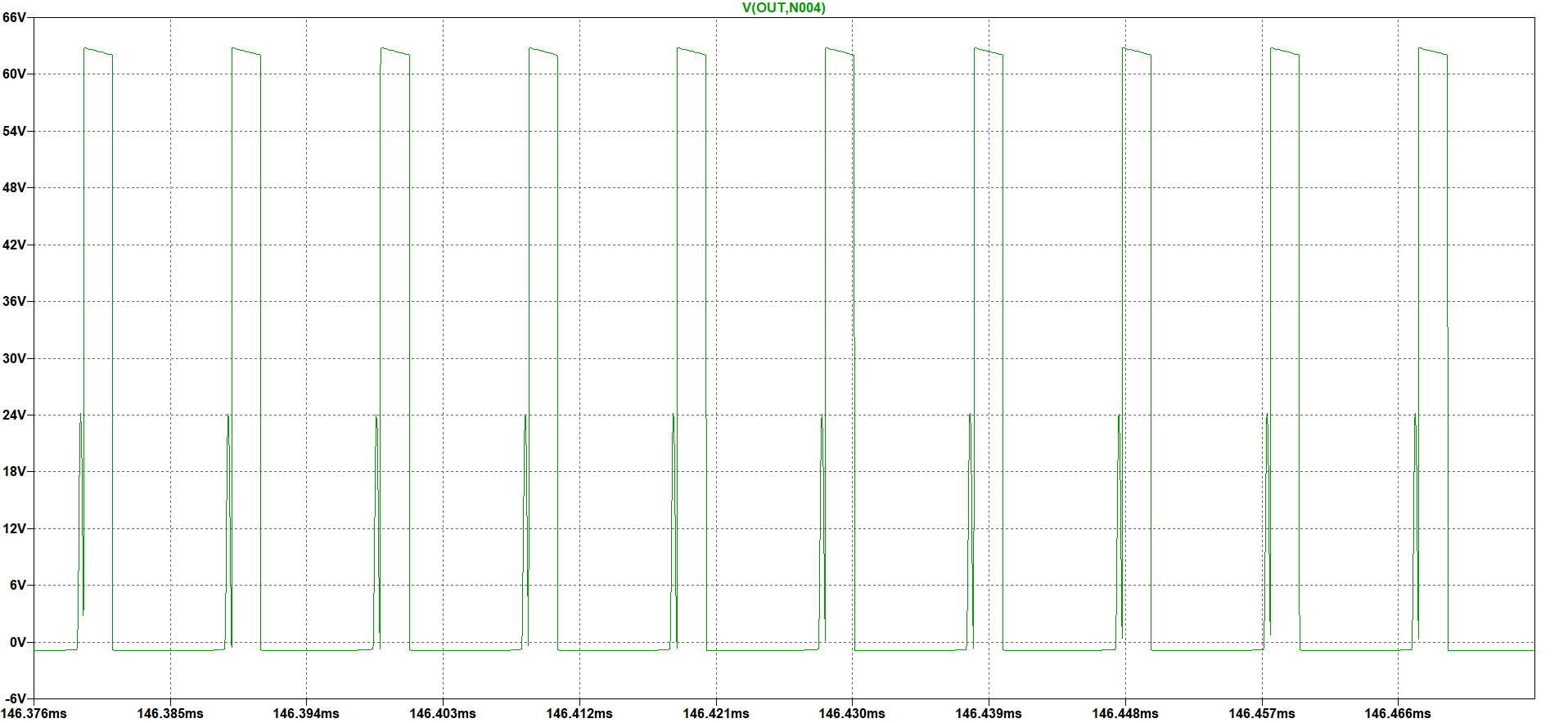


Figure Output Diode Voltage for 220 V Input Voltage

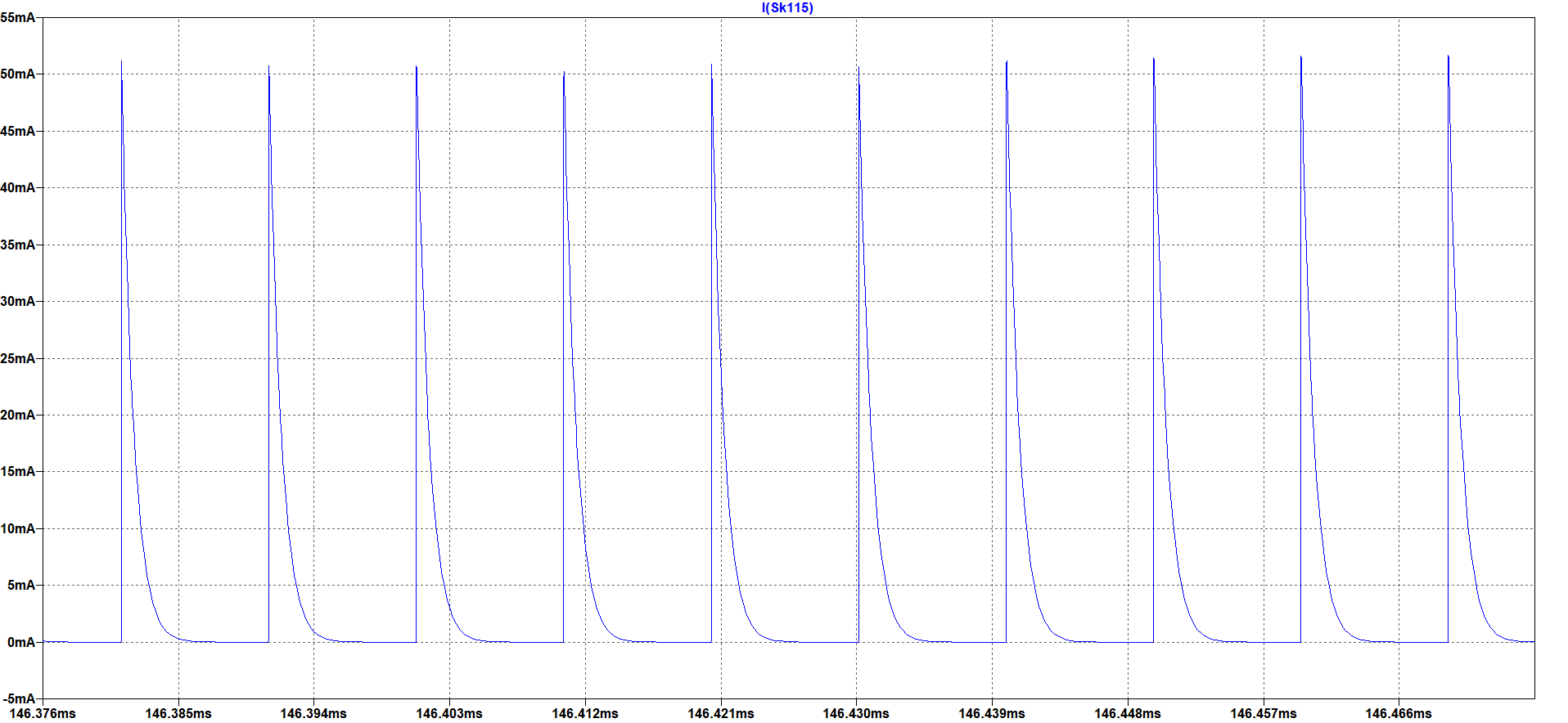


Figure Tertiary Diode Current for 220 V Input Voltage

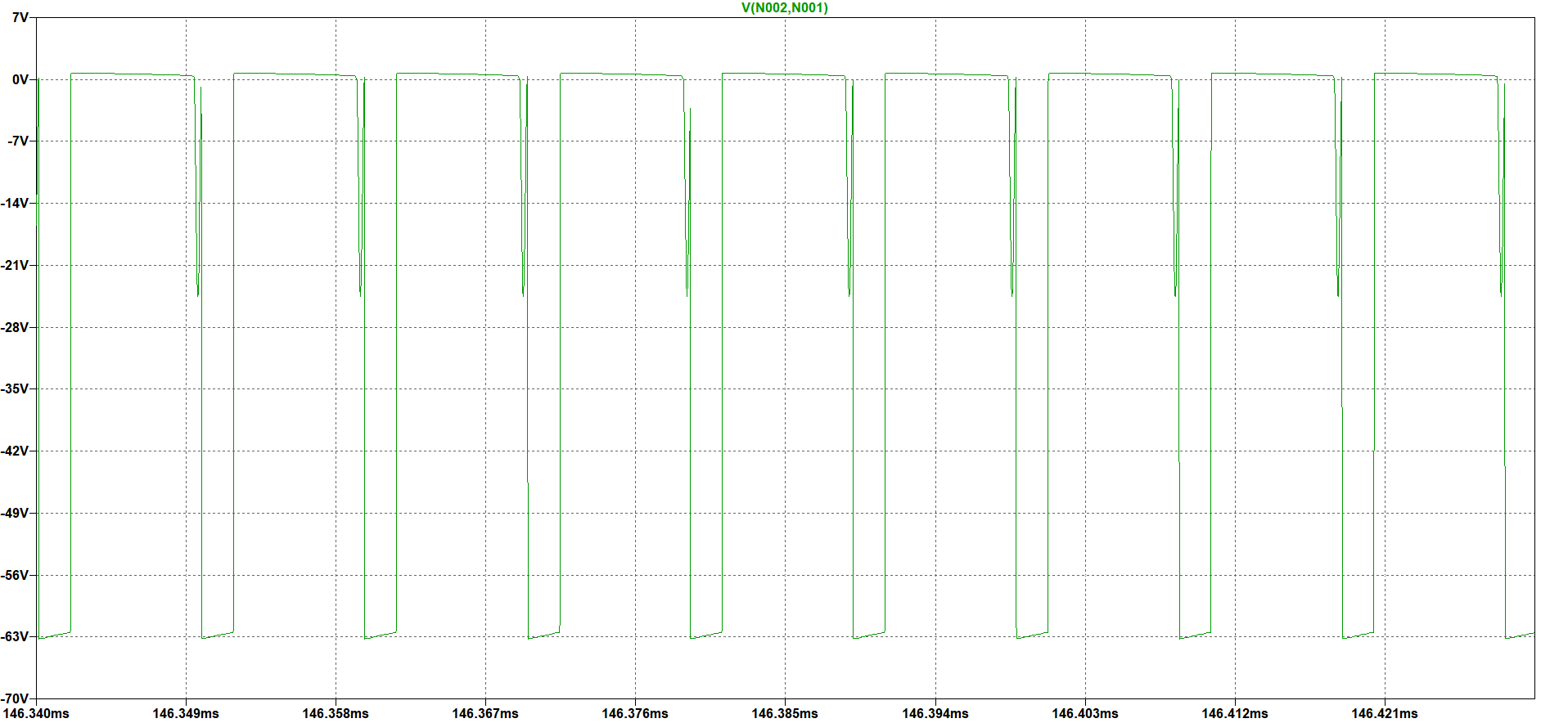


Figure Tertiary Diode Voltage for 220 V Input Voltage

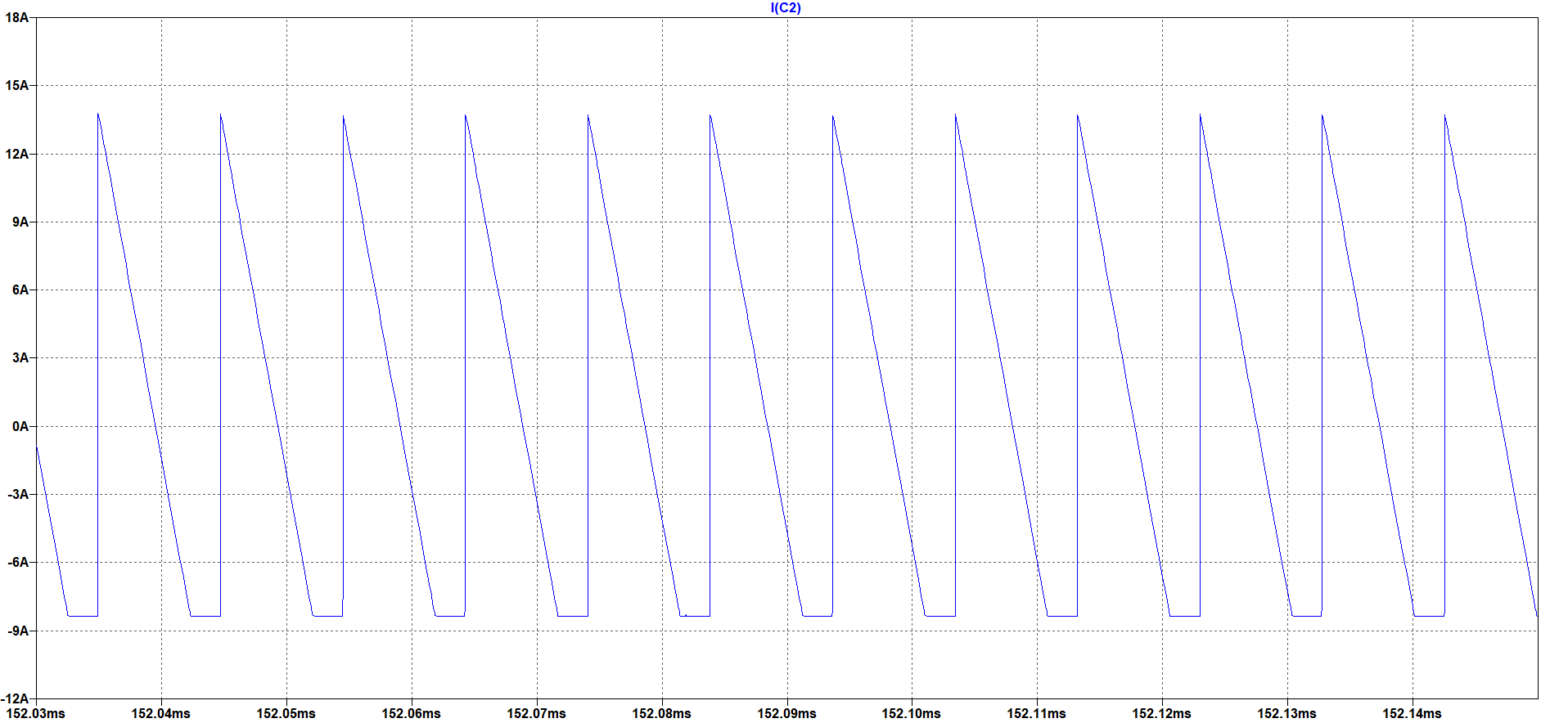


Figure Output Capacitor Current Ripple for 220 V Input Current

The voltage of output capacitor is the same as the output voltage.

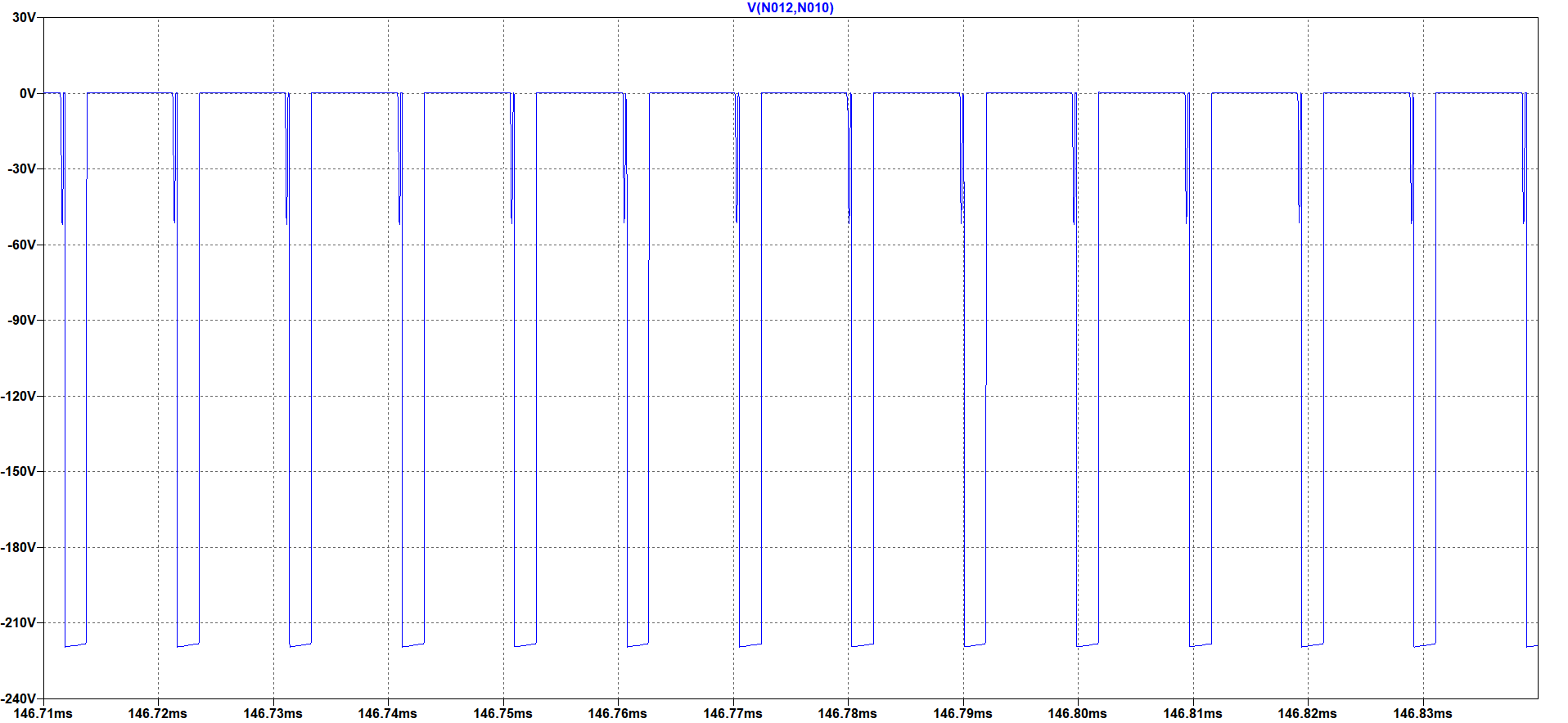


Figure Snubber Diode Voltage for 220 V Input Voltage

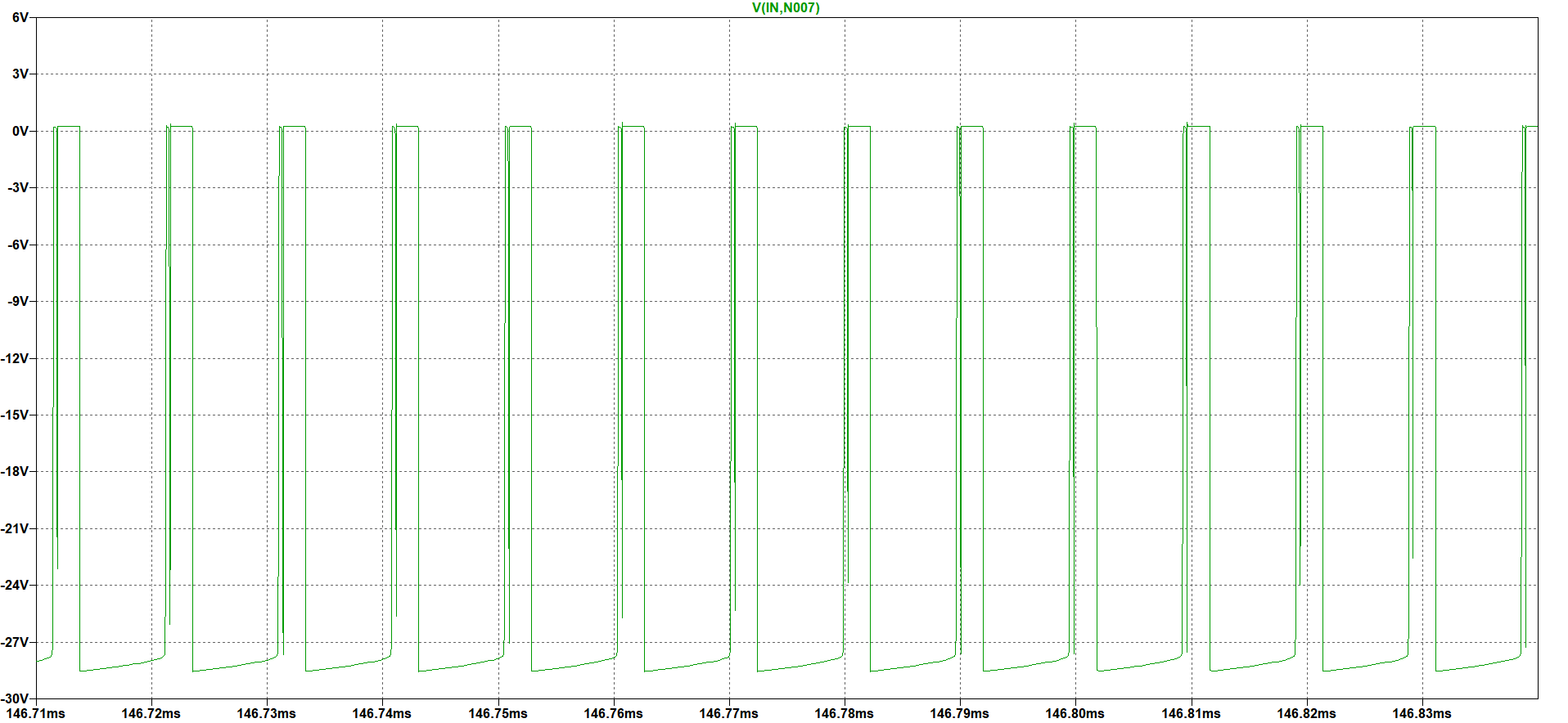


Figure Zener Diode Voltage for 220V Input Voltage

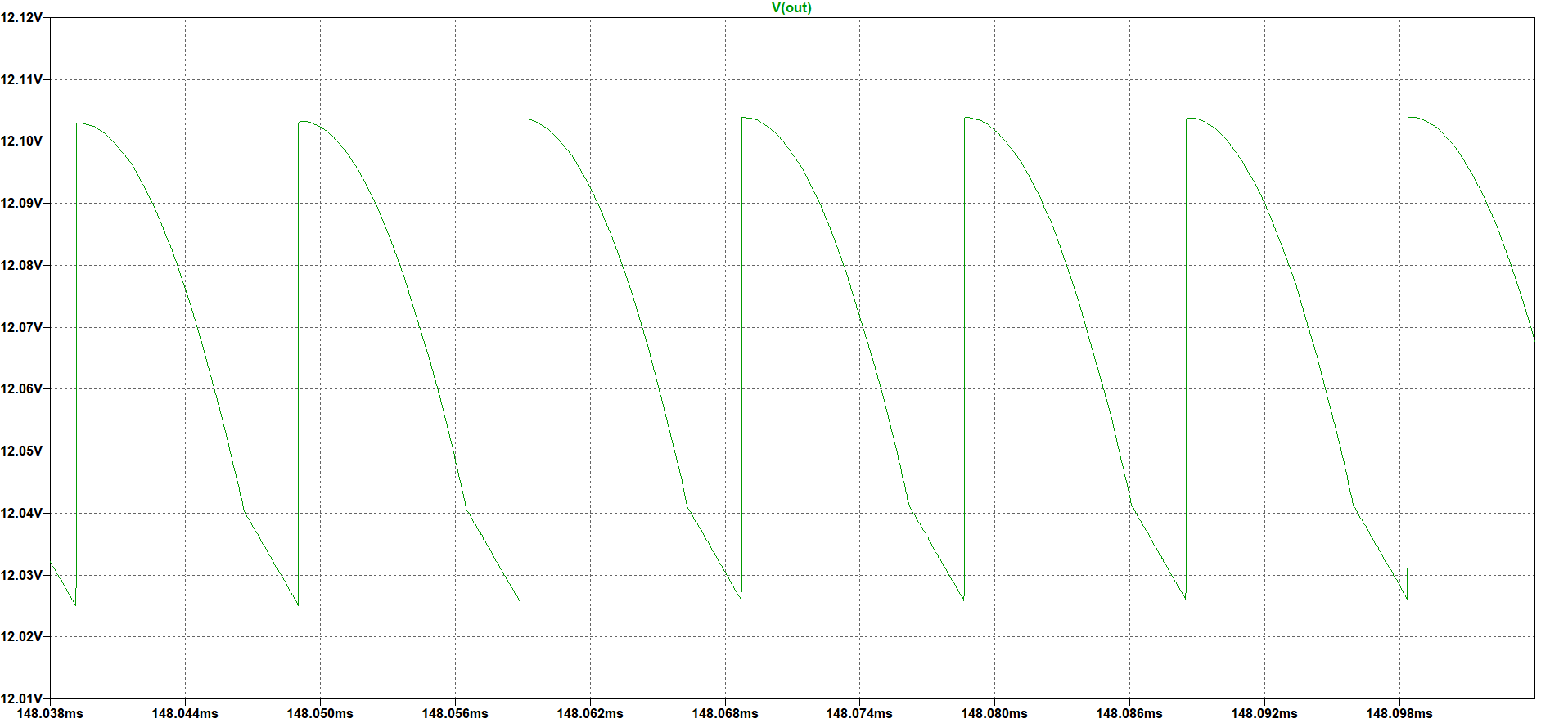


Figure Output Voltage Ripple for 400V Input Voltage

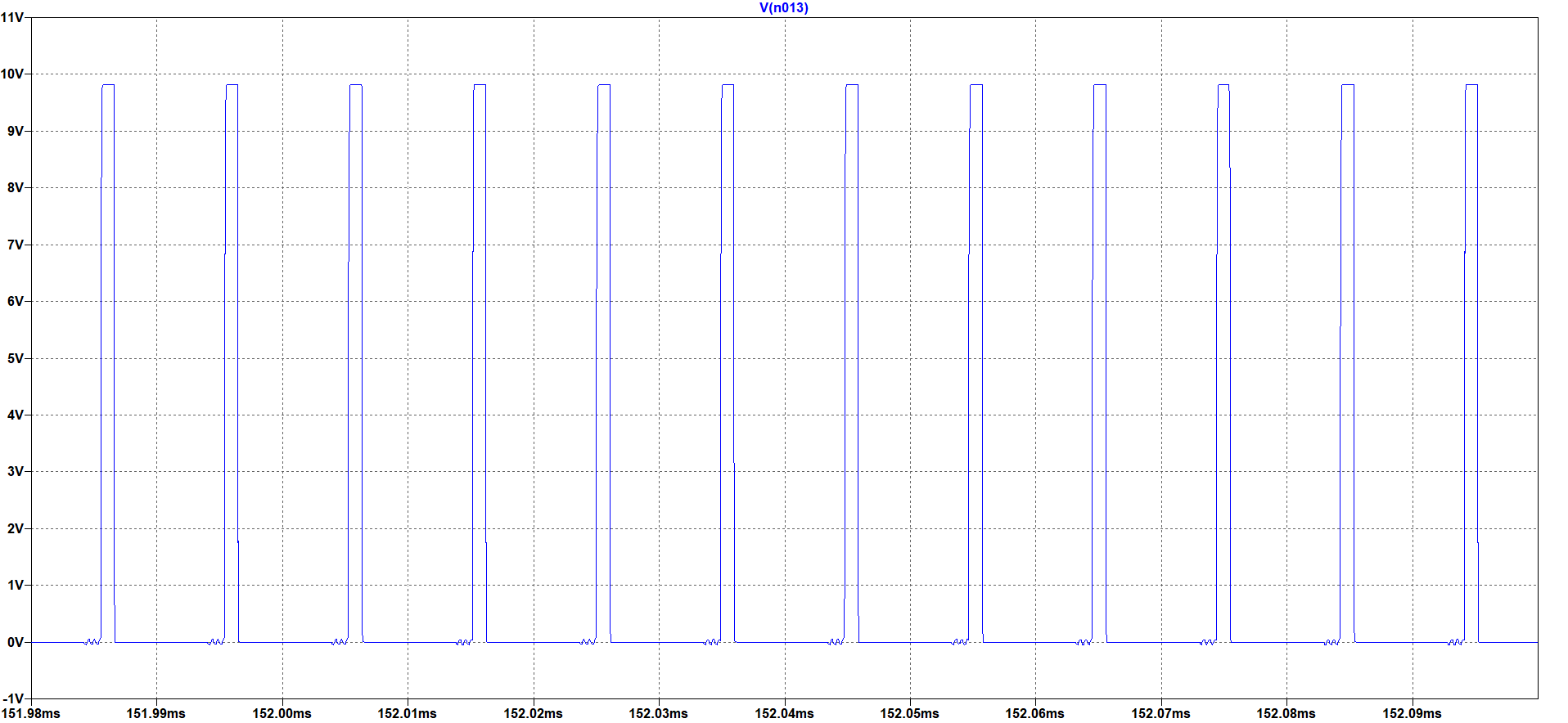


Figure MOSFET Gate Voltage for 400V Input Voltage

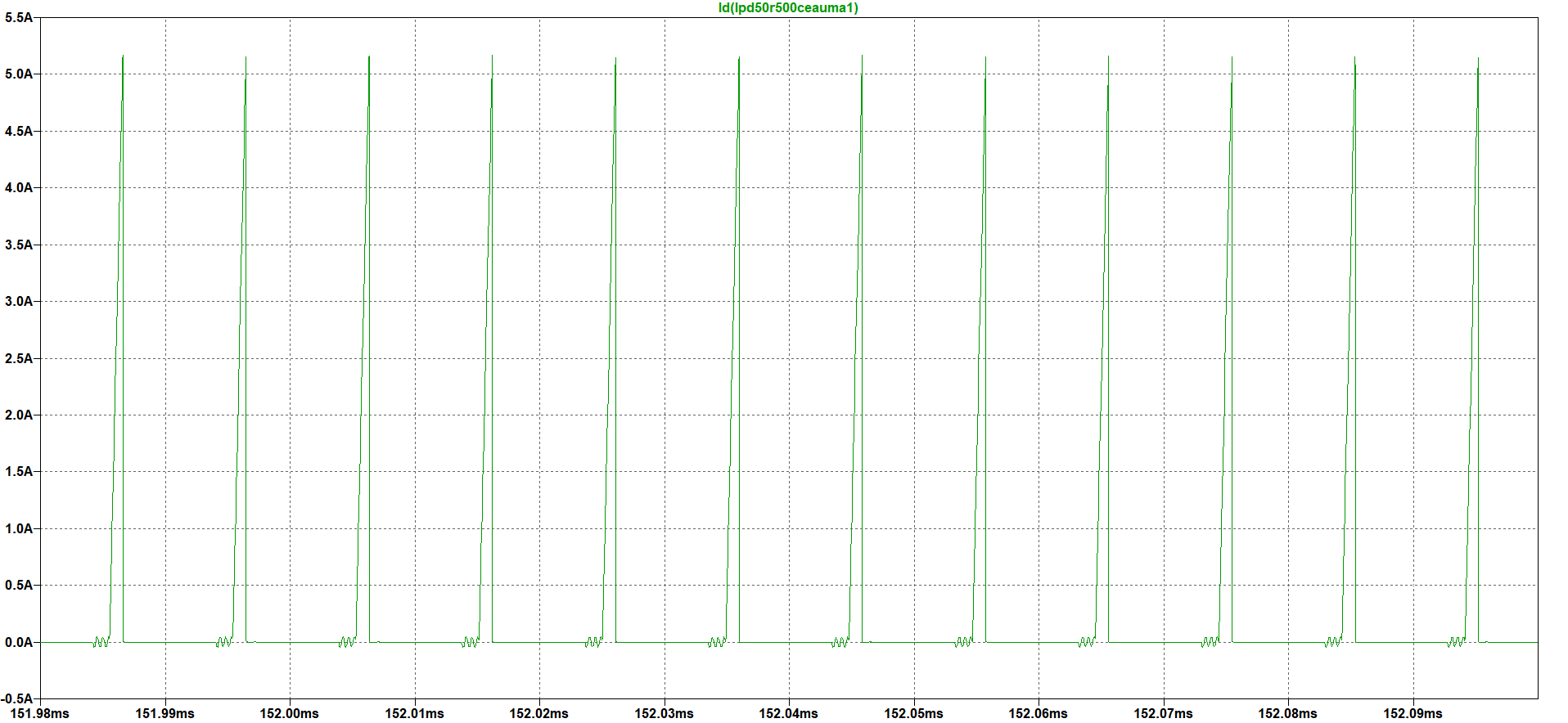


Figure MOSFET Current for 400V Input Voltage

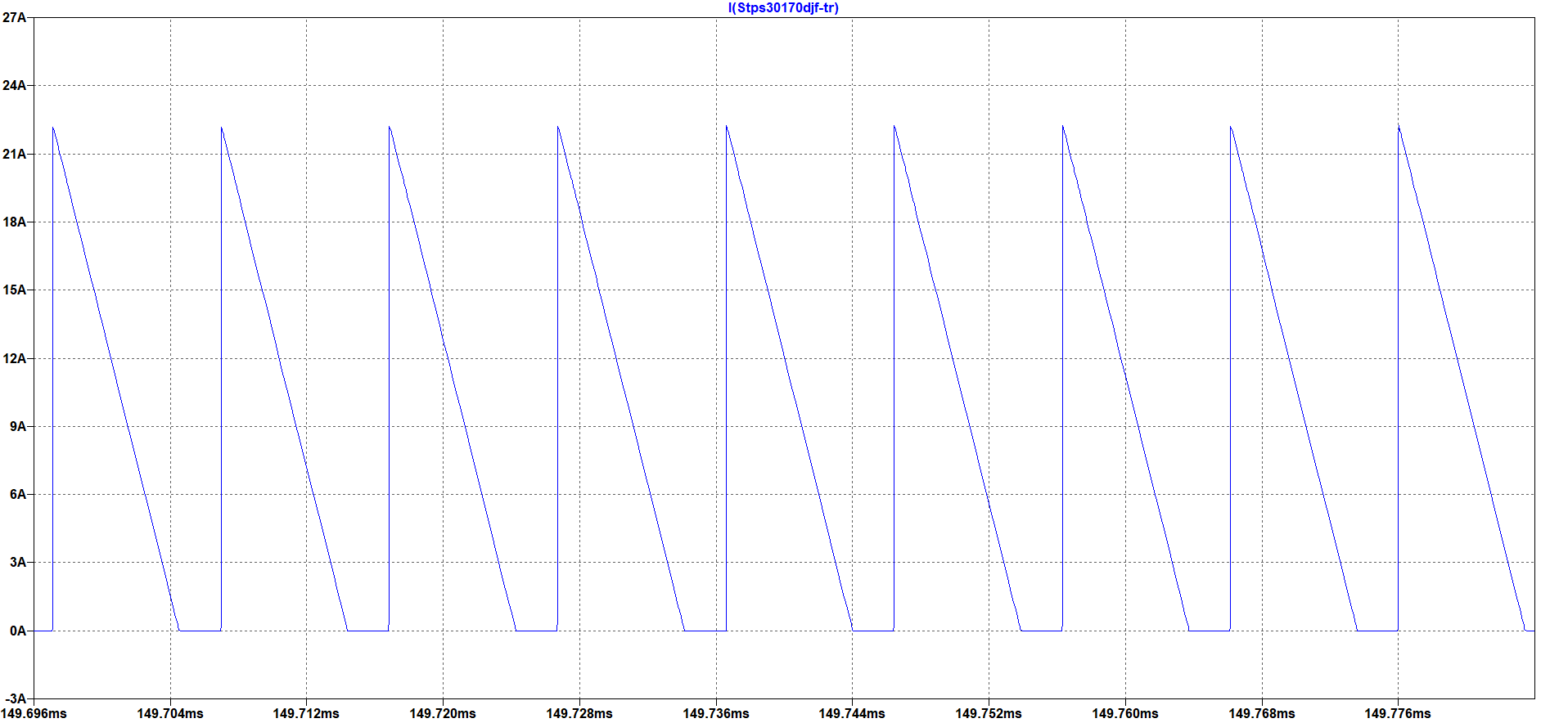


Figure Output Diode Current for 400 V Input Voltage

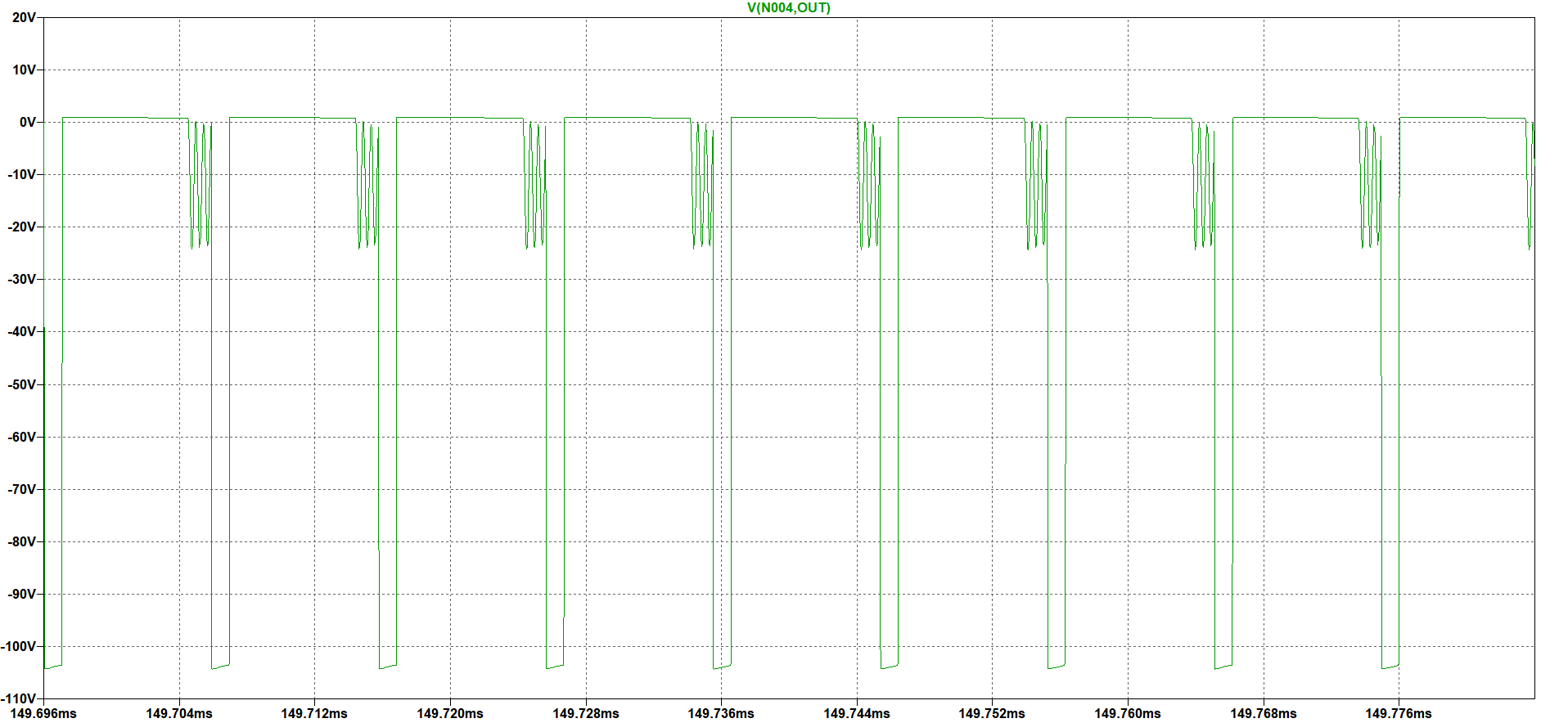


Figure Output Diode Voltage for 400V Input Voltage

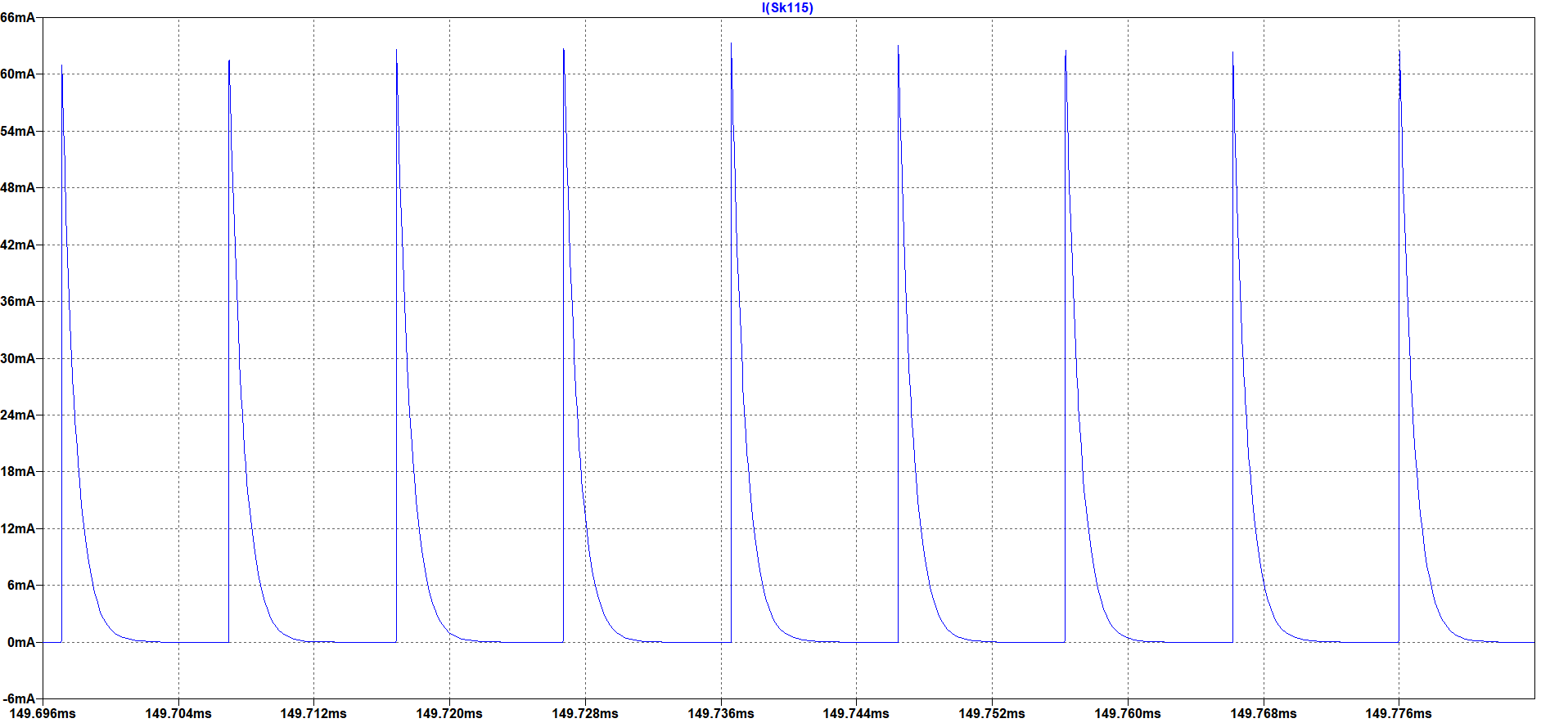


Figure Tertiary Diode Current for 400V Input Voltage

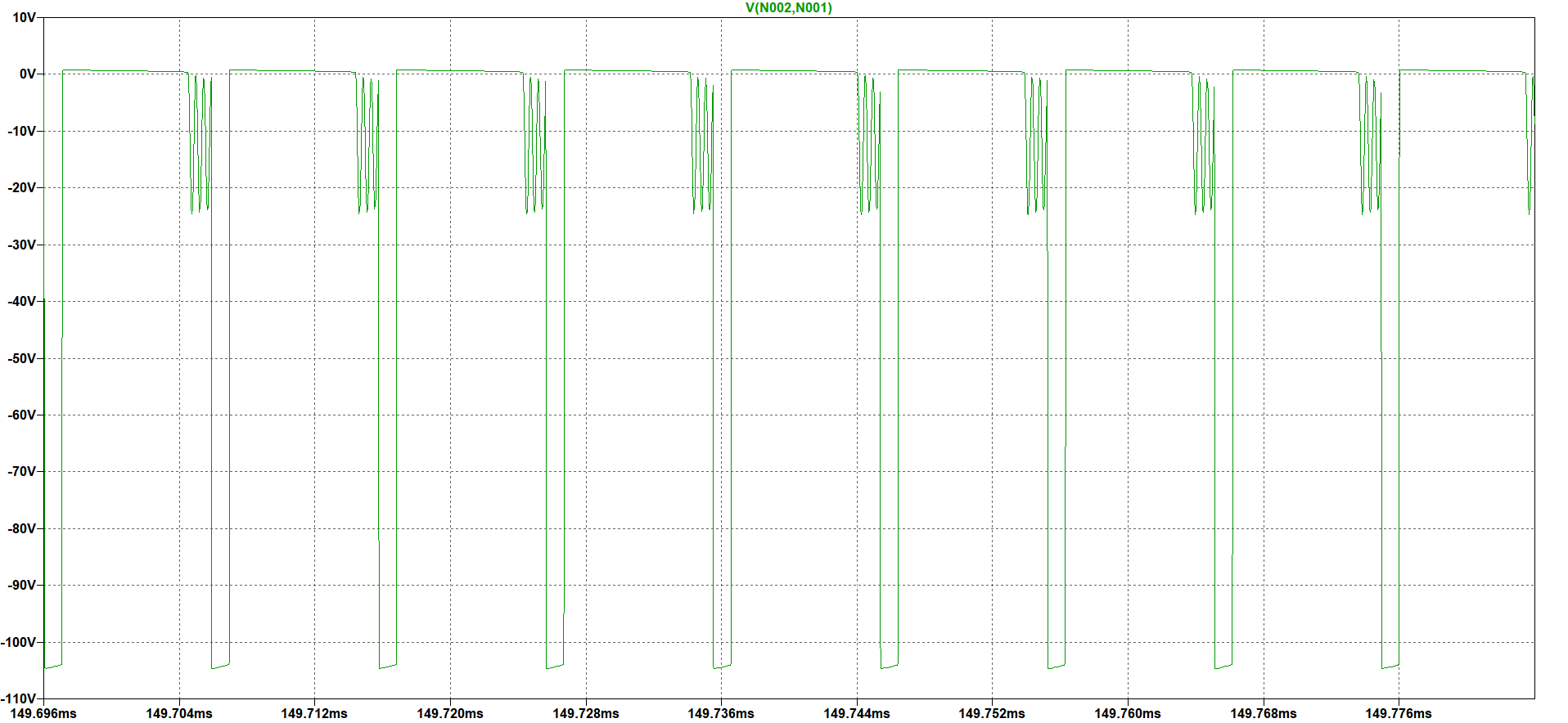


Figure Tertiary Diode Voltage for 400V Input Voltage

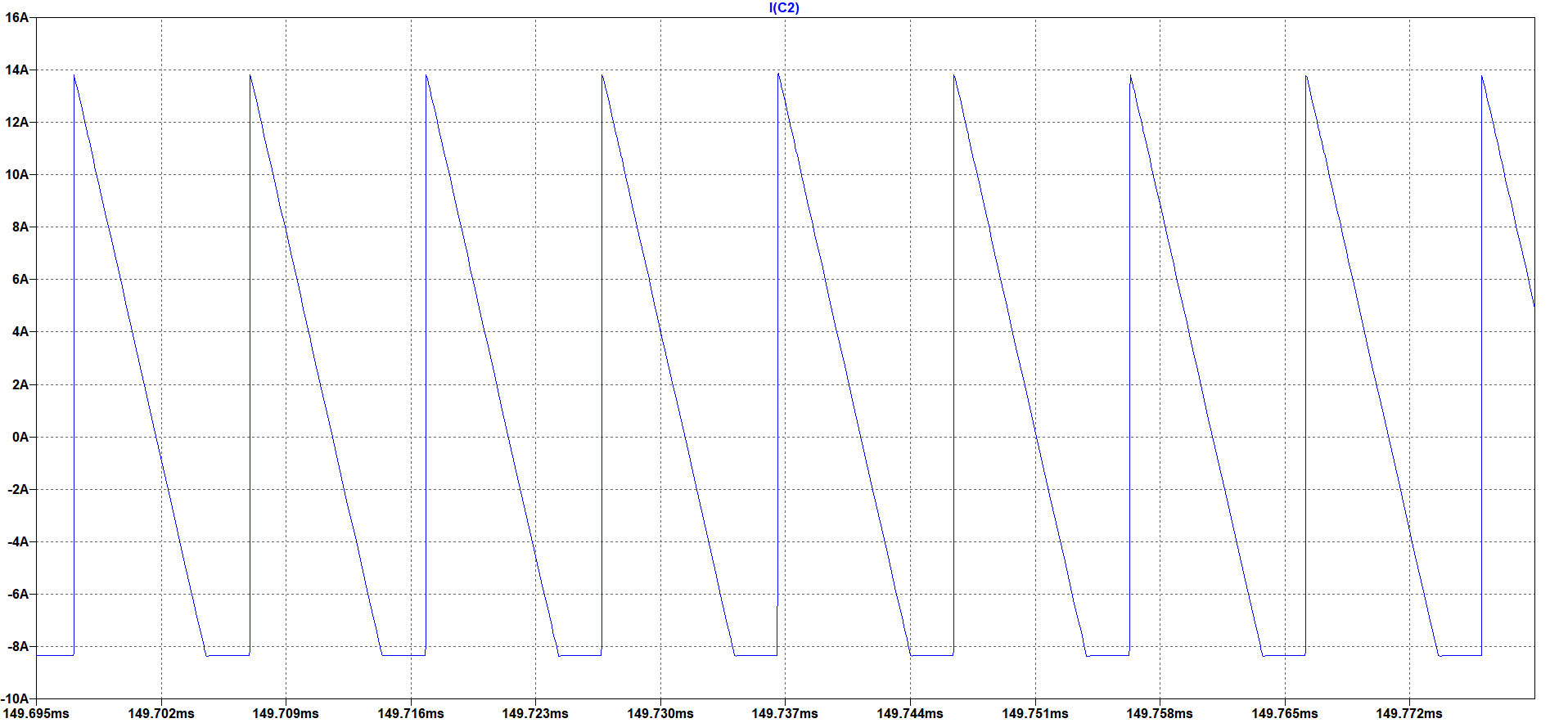


Figure Output Capacitor Current Ripple for 400V Input Voltage

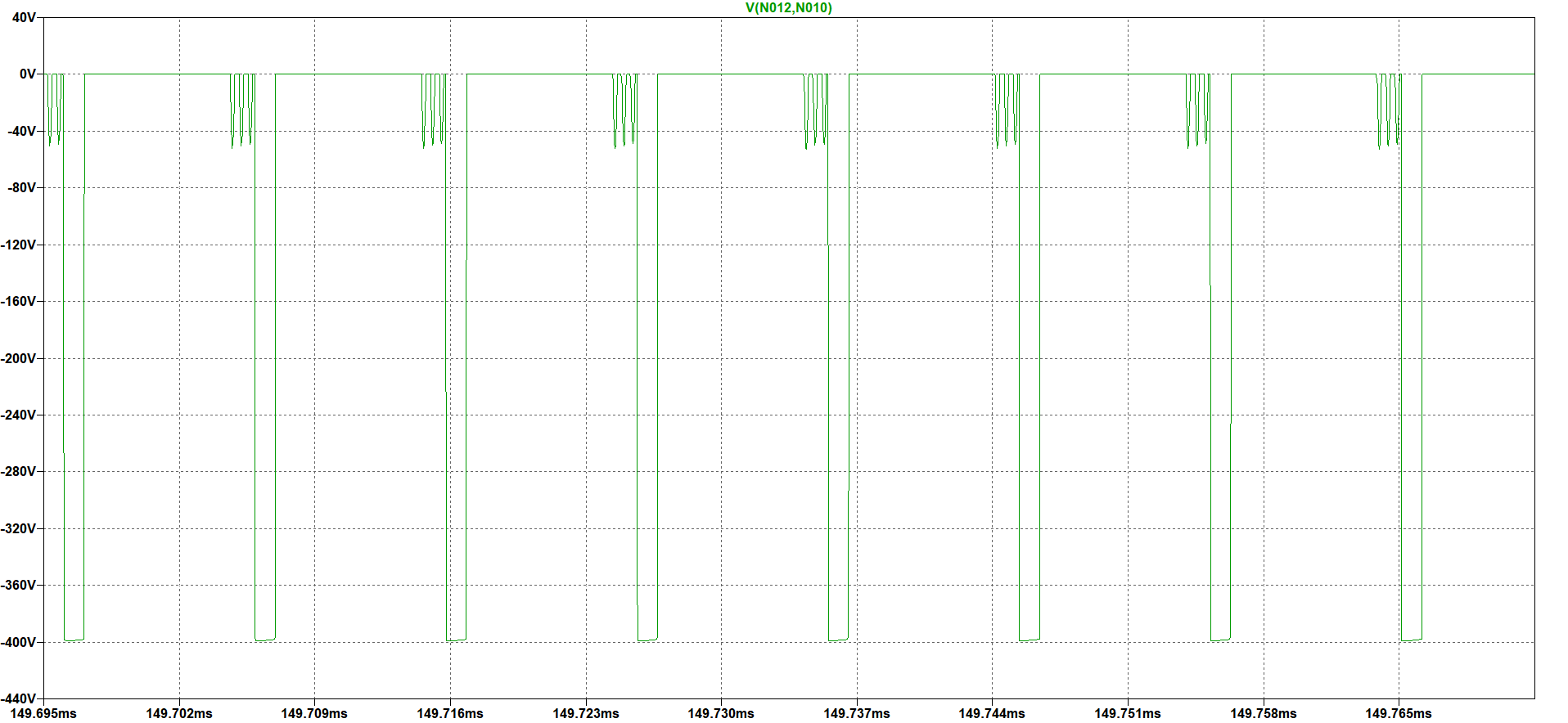


Figure Snubber Diode Voltage for 400V Input Voltage Ripple

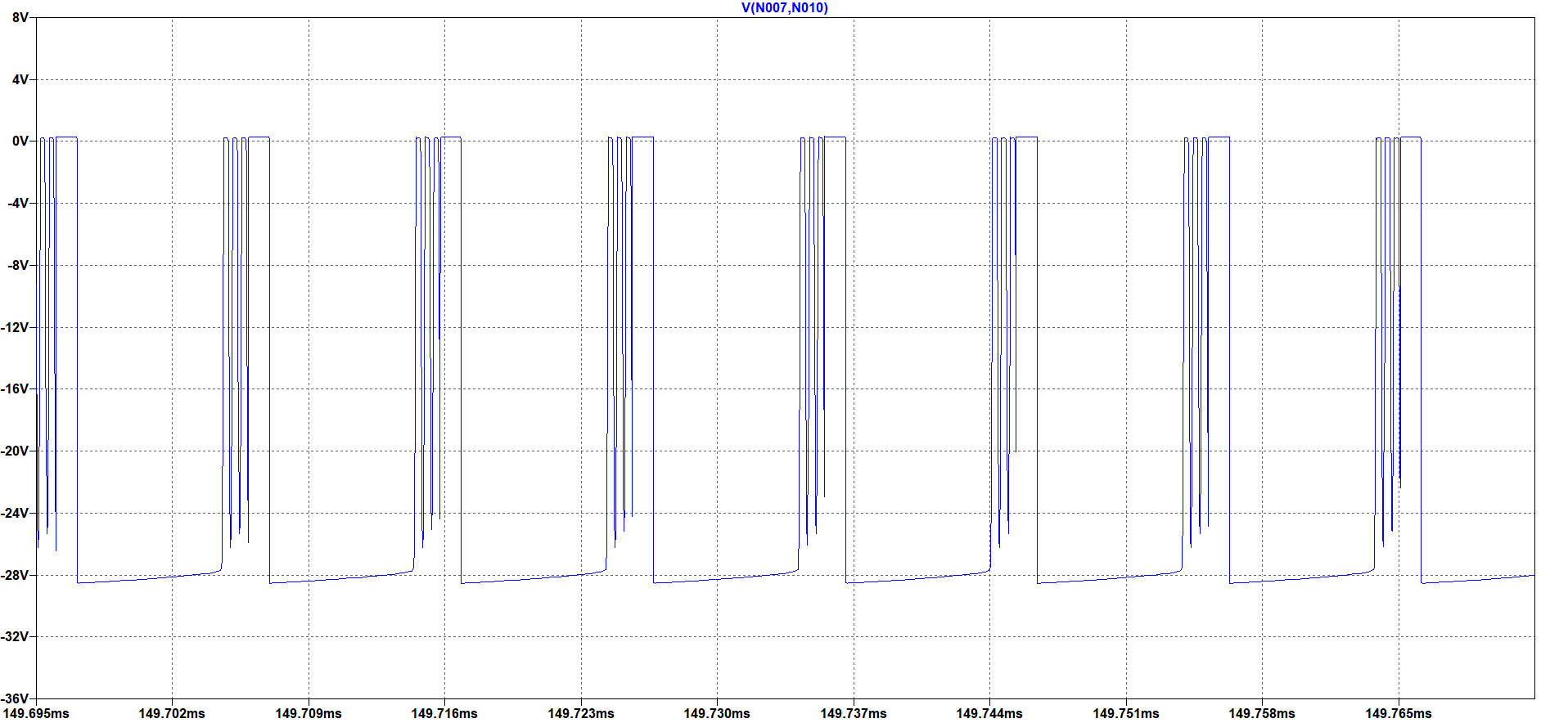


Figure Snubber Zener Diode Voltage for 400V Input Voltage Ripple