

Fig. 6. Voltage, current, and SOC of EV1 battery during V2G operation

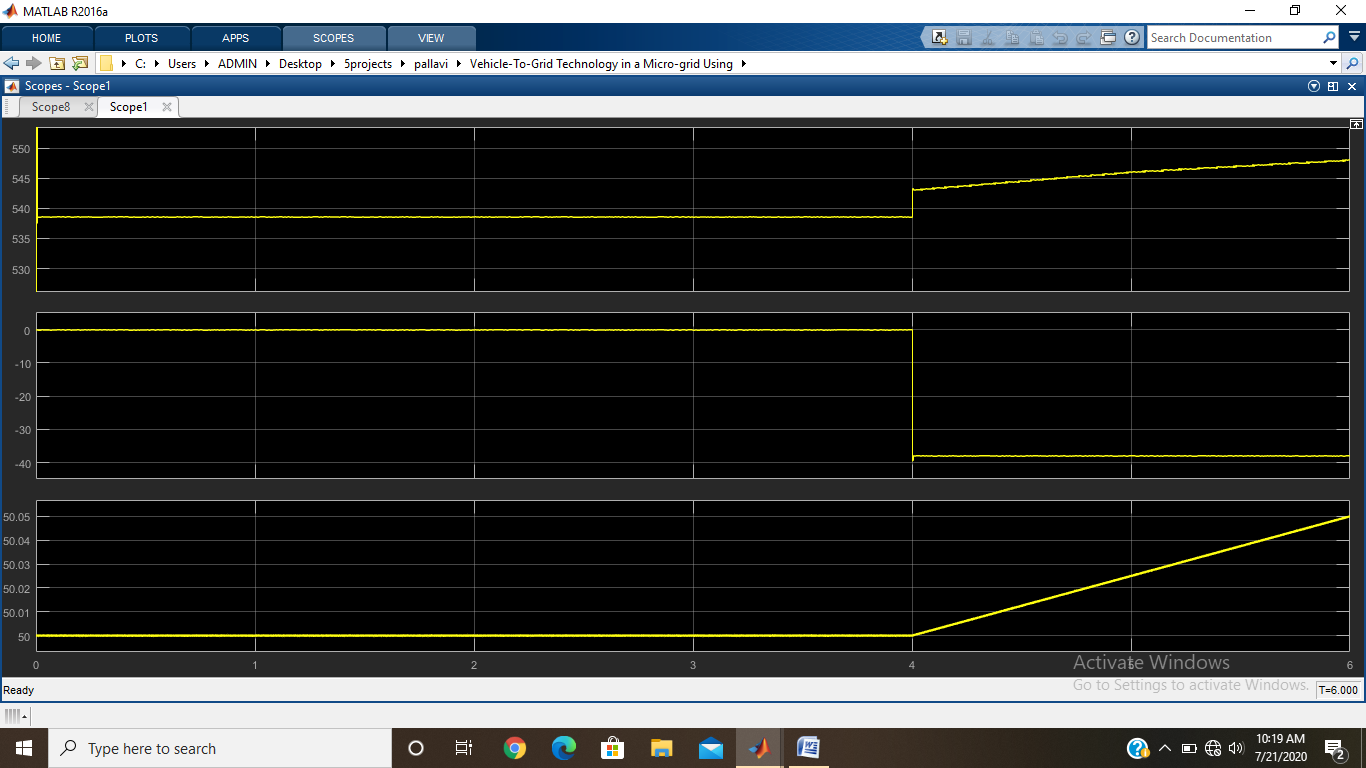


Fig. 7. Voltage, current, and SOC of EV2 battery during G2V operation

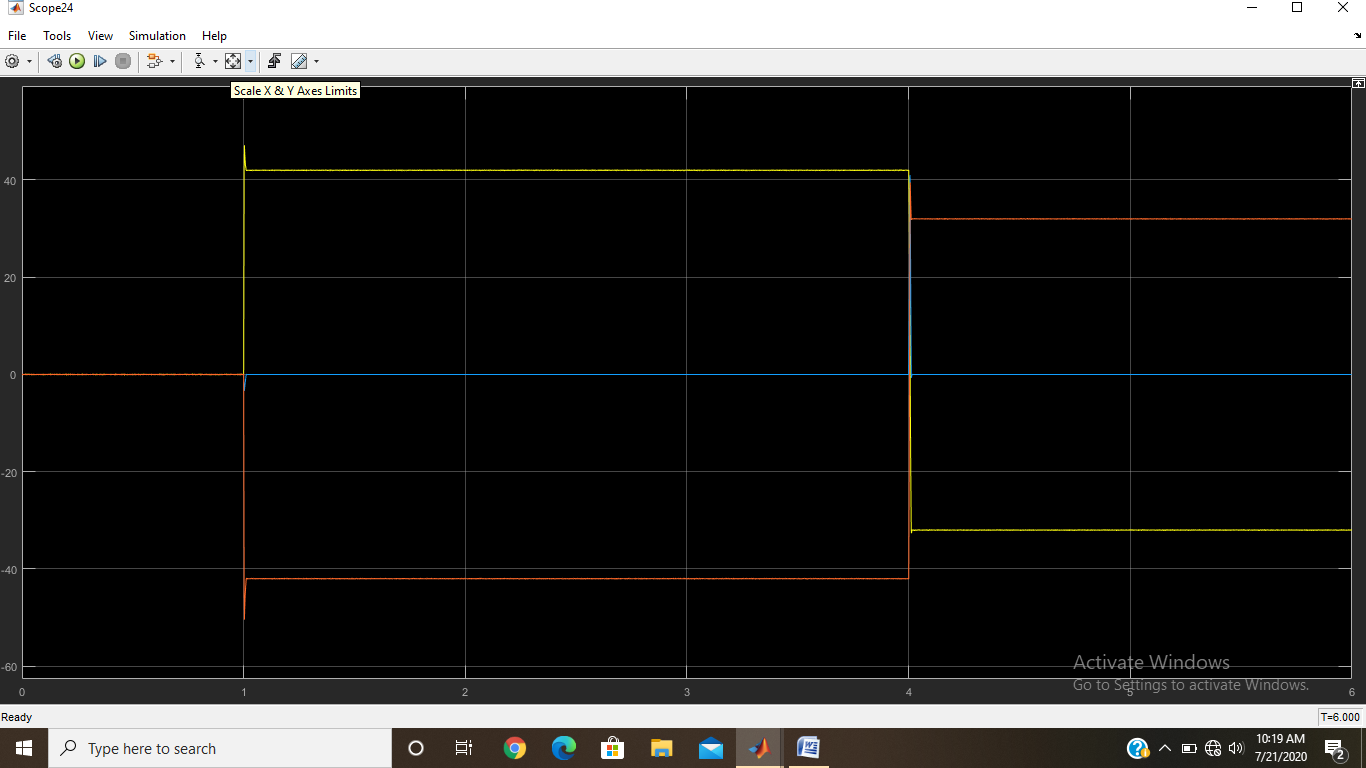


Fig. 8. Active power profile of various components in the system

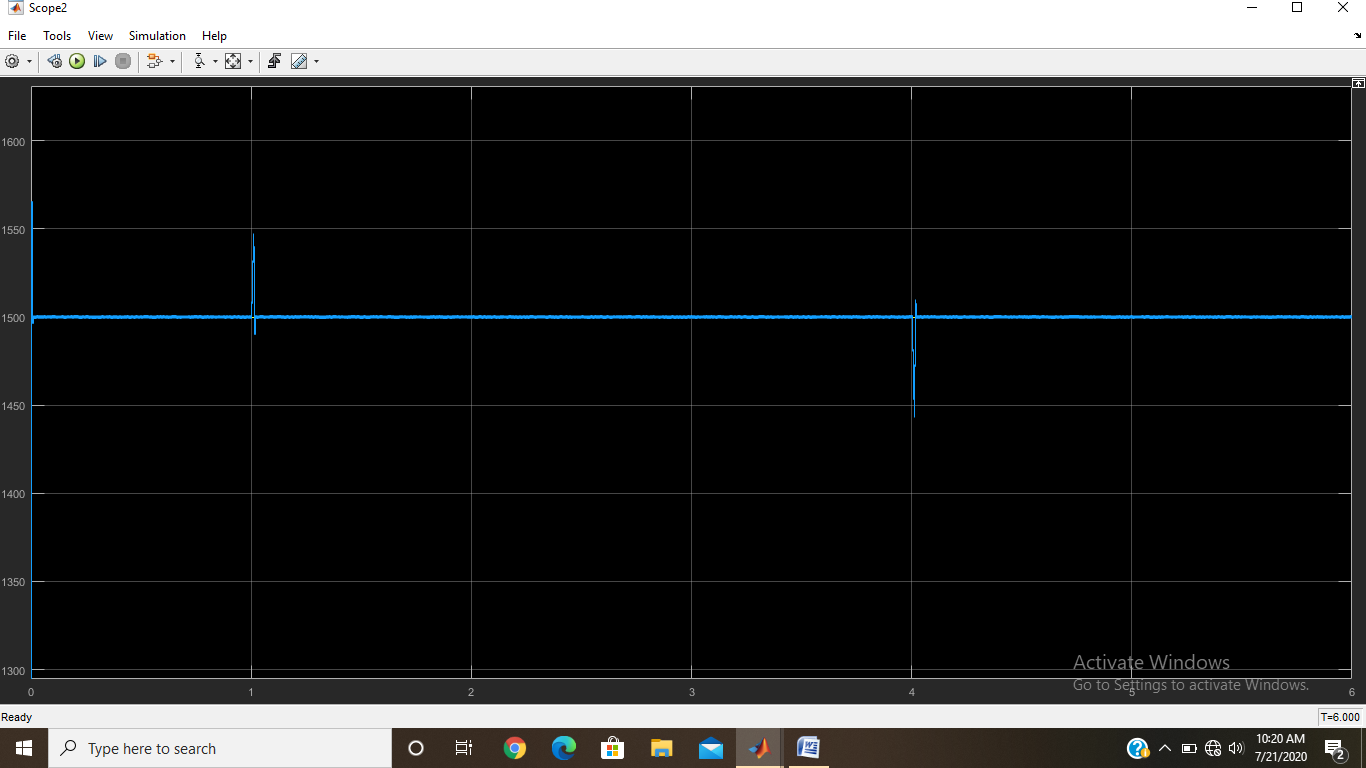


Fig. 9. Variation in dc bus voltage



Fig. 10. Reference current tracking by inverter controller

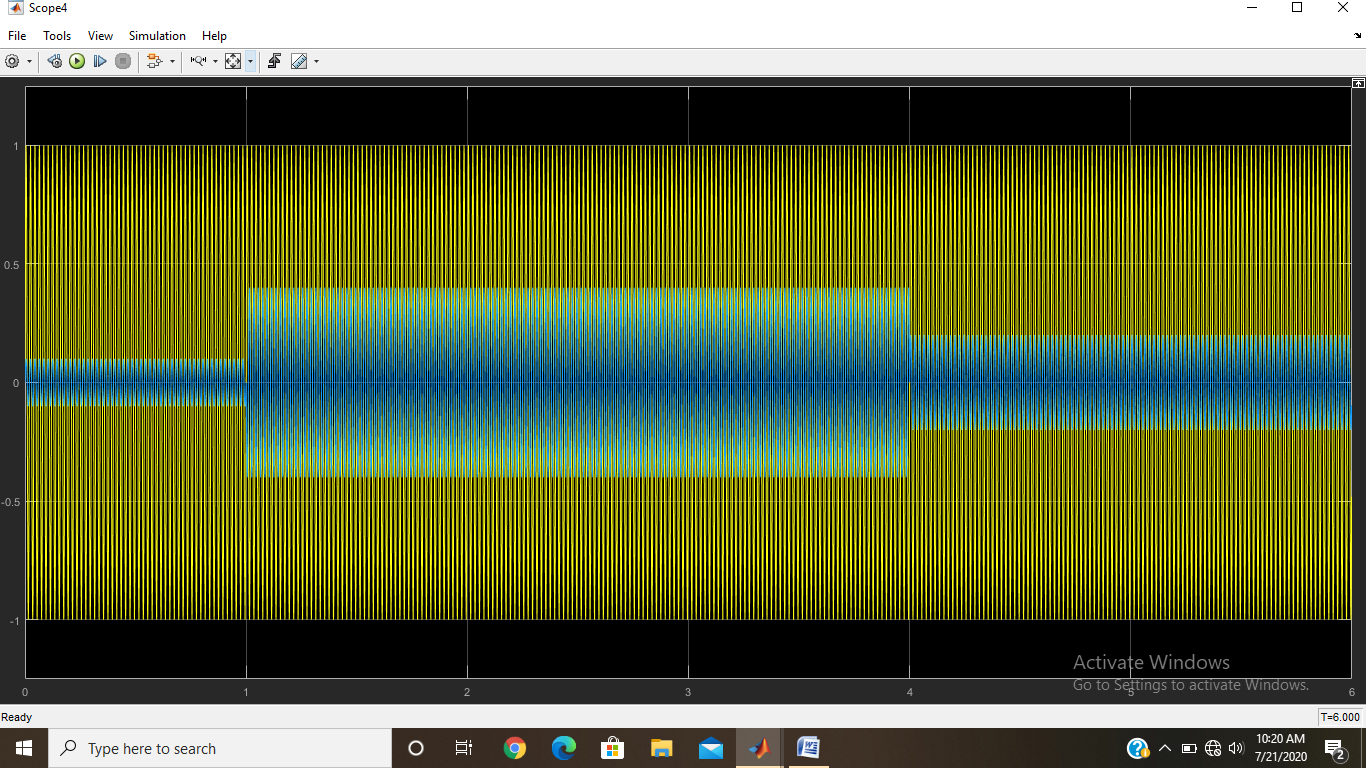


Fig. 11. Grid voltage and grid injected current during V2G-G2V operation

