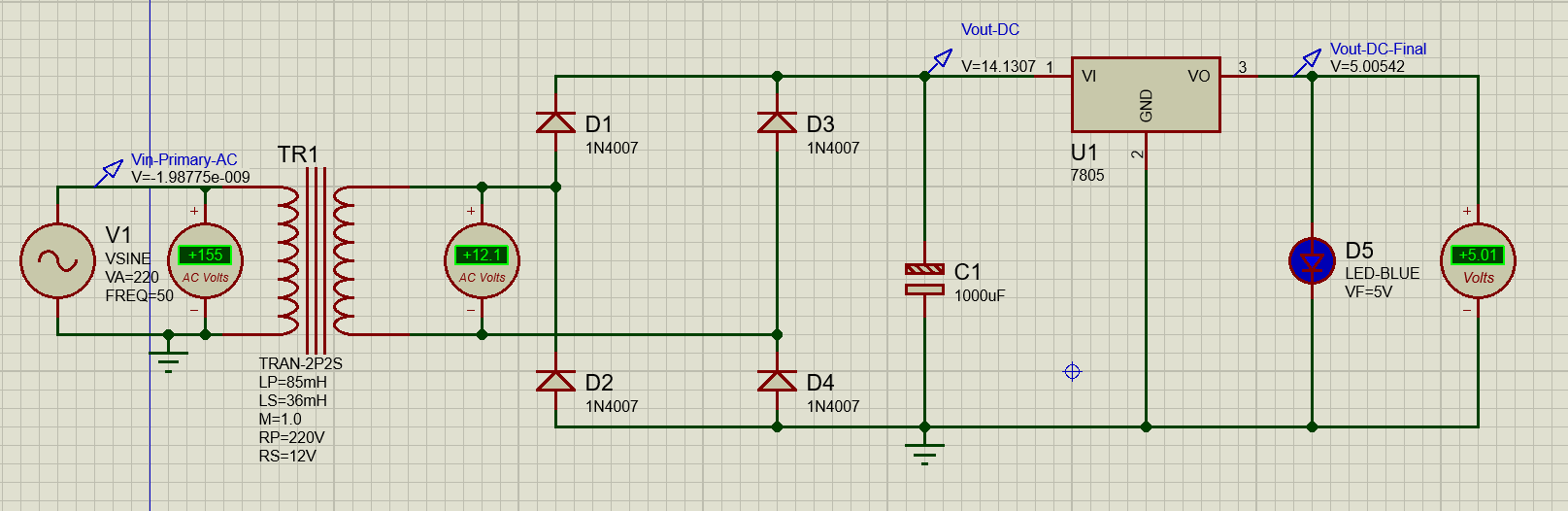
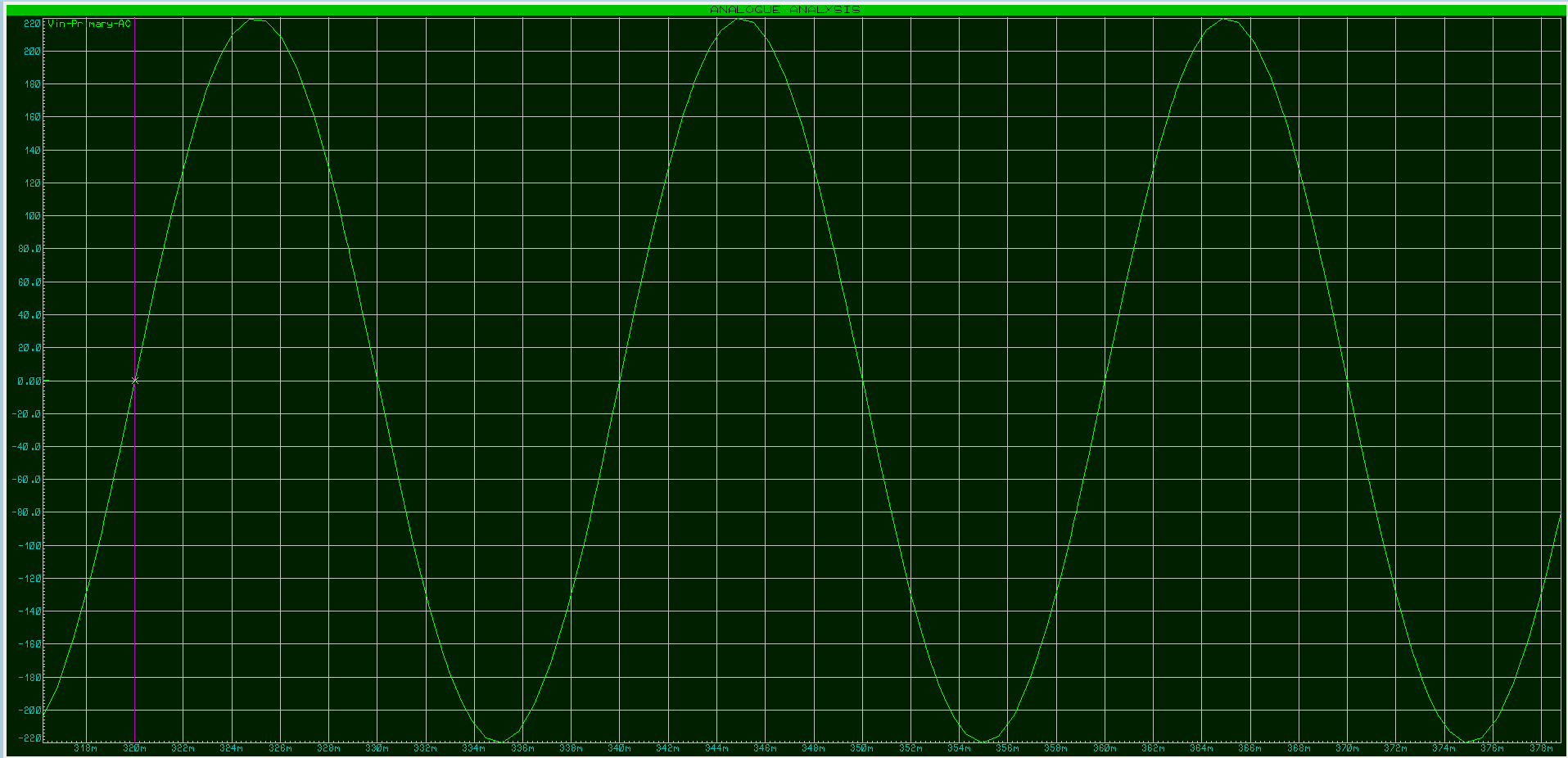
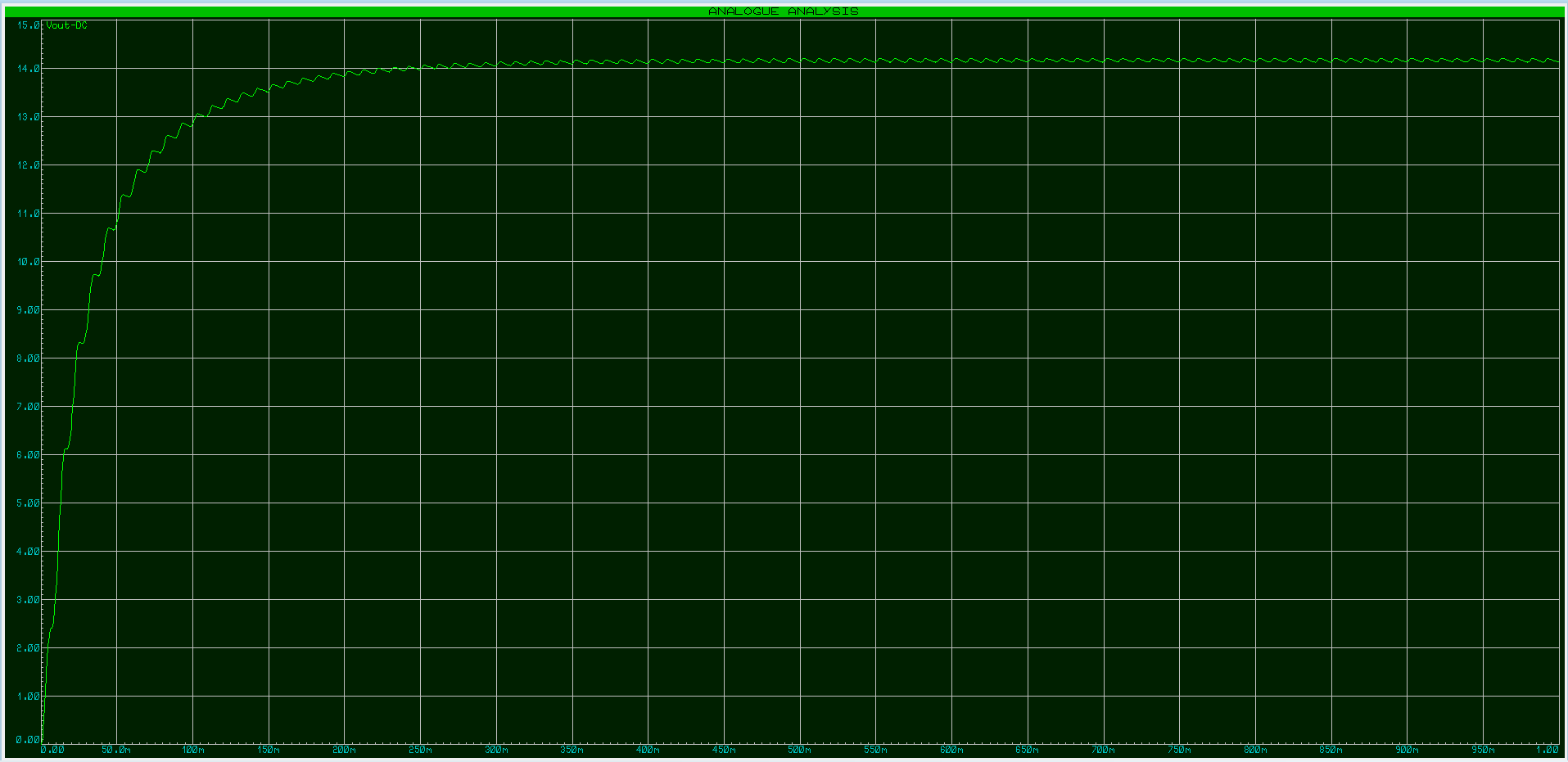
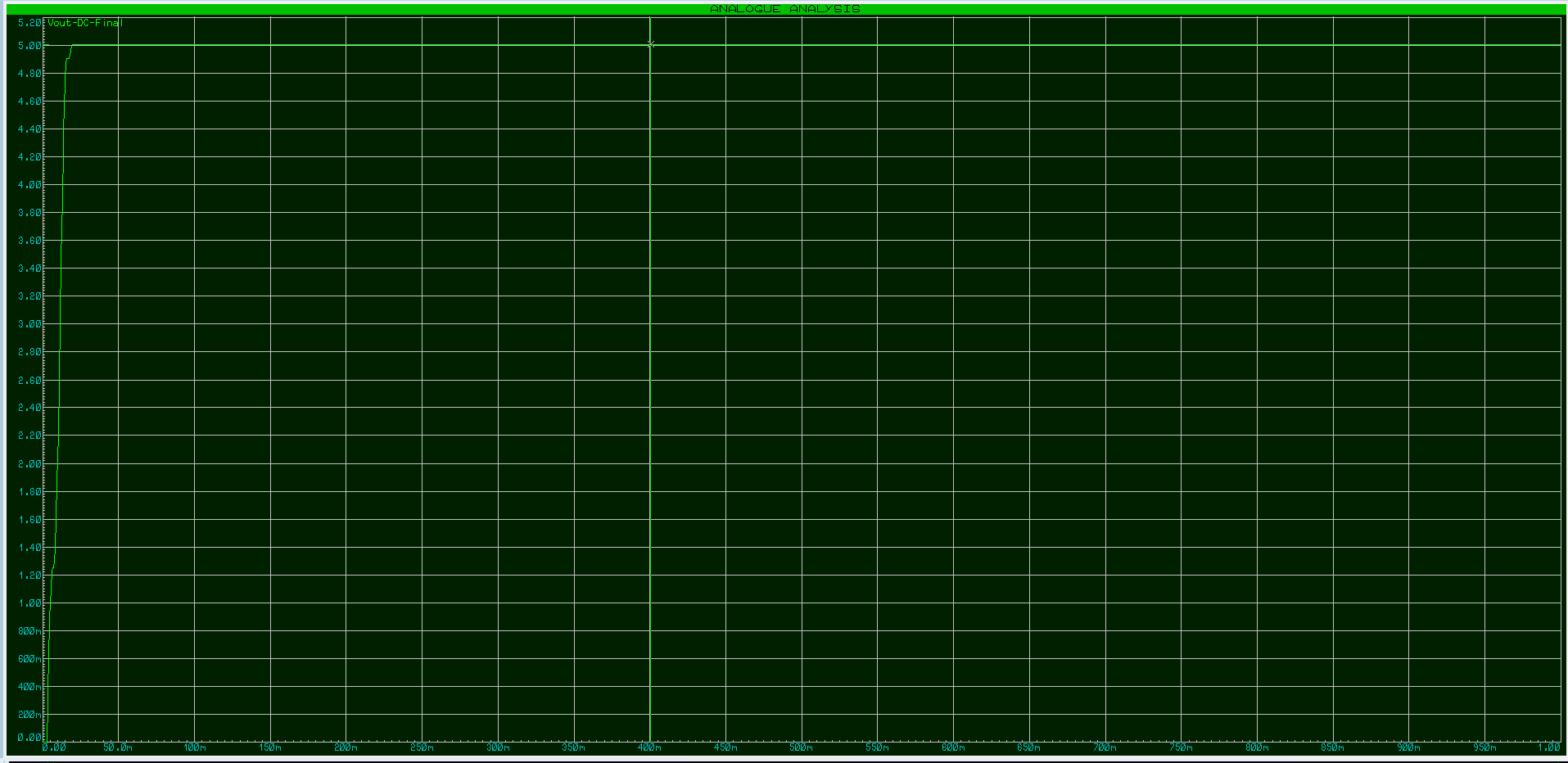
**Schematics and Simulation(Using Proteus)**

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**Circuit Diagram: DC power Supply**

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Fig: Primary AC Vin**

**  
Fig: DC Vout  
  
Fig: DC Vout Final 5V**