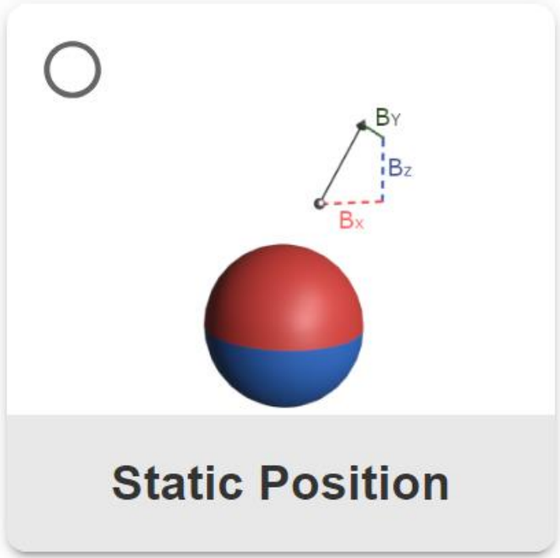
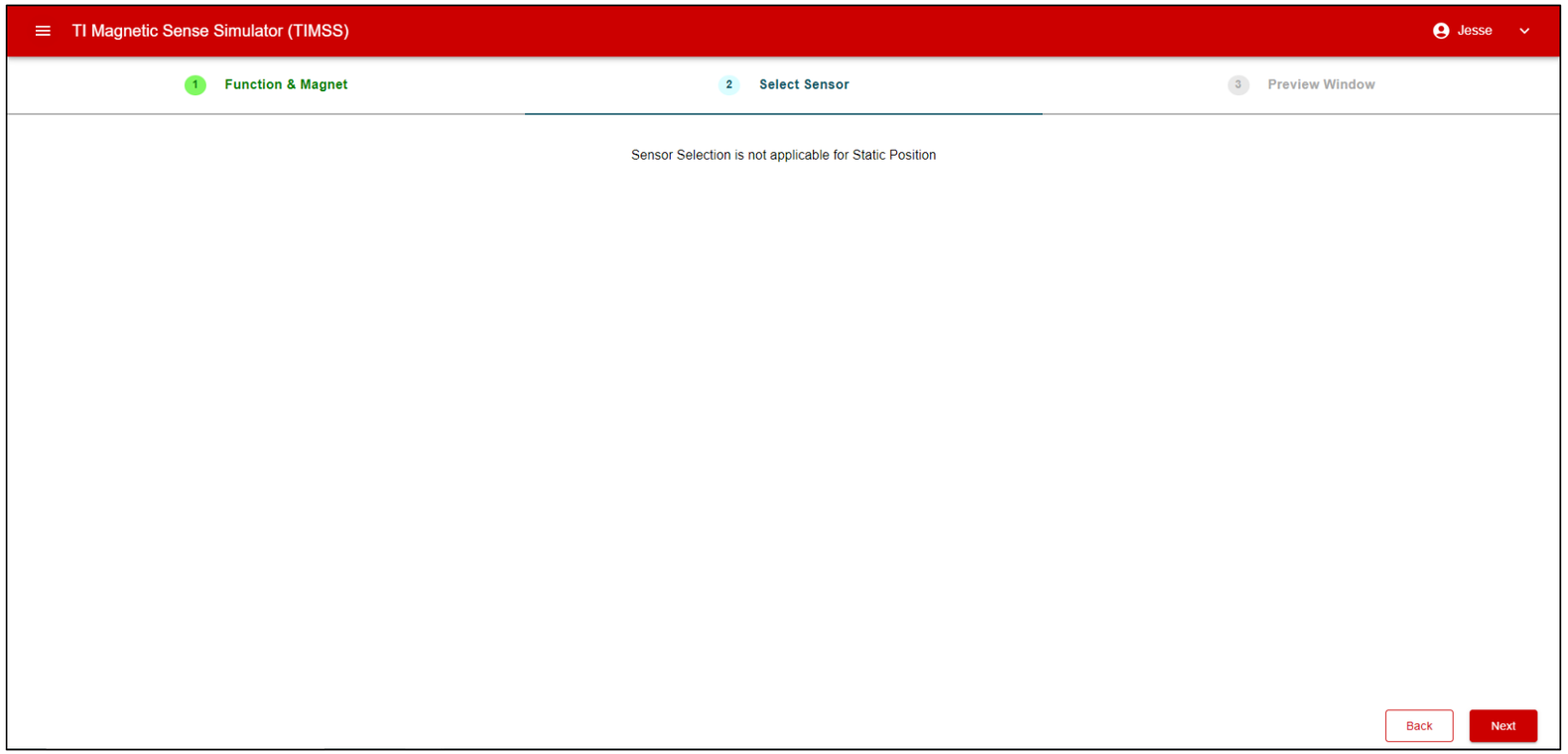
Static positions

TI Precision Labs – TI Magnetic Sense Simulator (TIMSS)

Presented and prepared by Jesse Baker

Static simulation

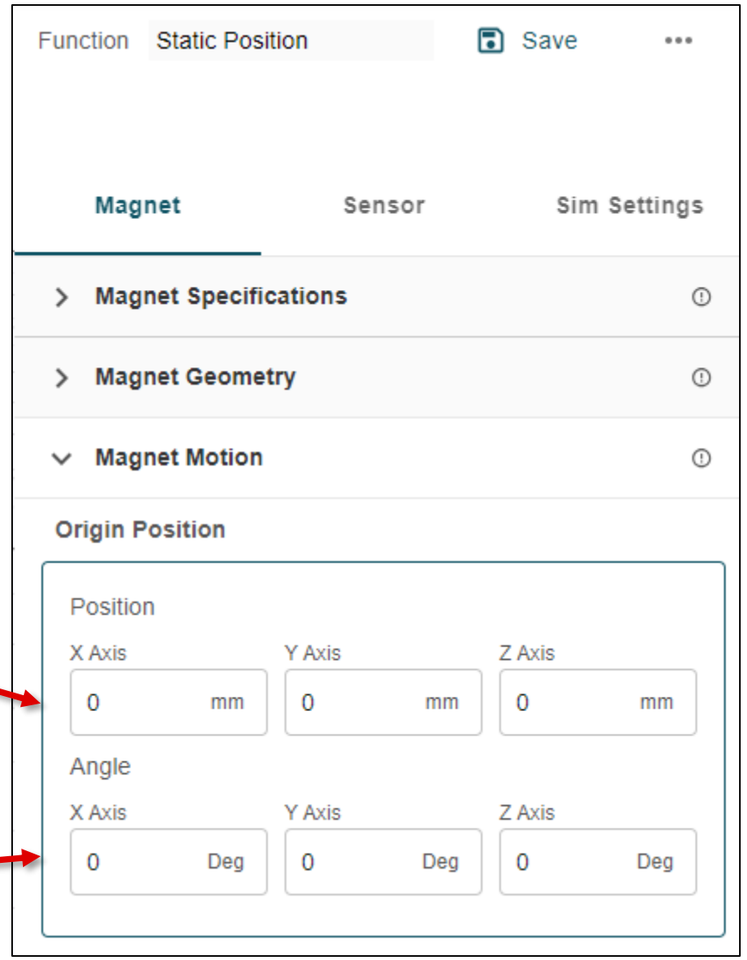


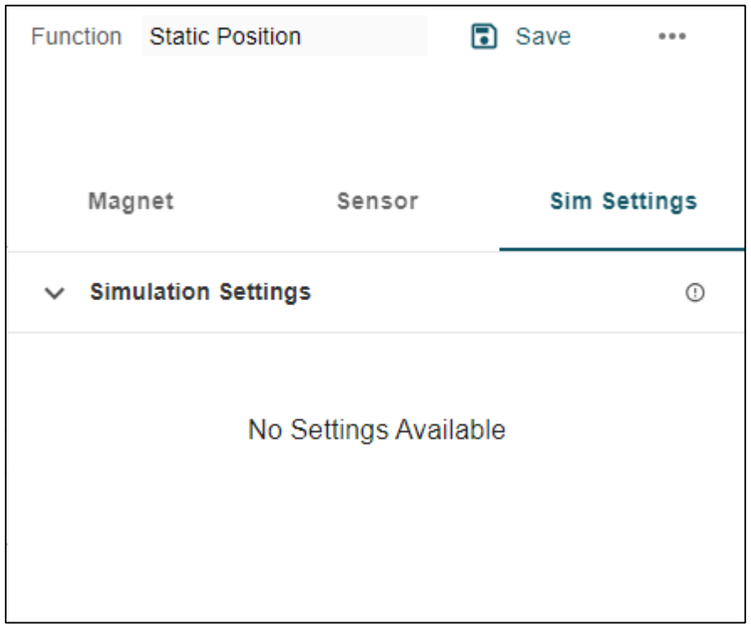


Static simulation configuration

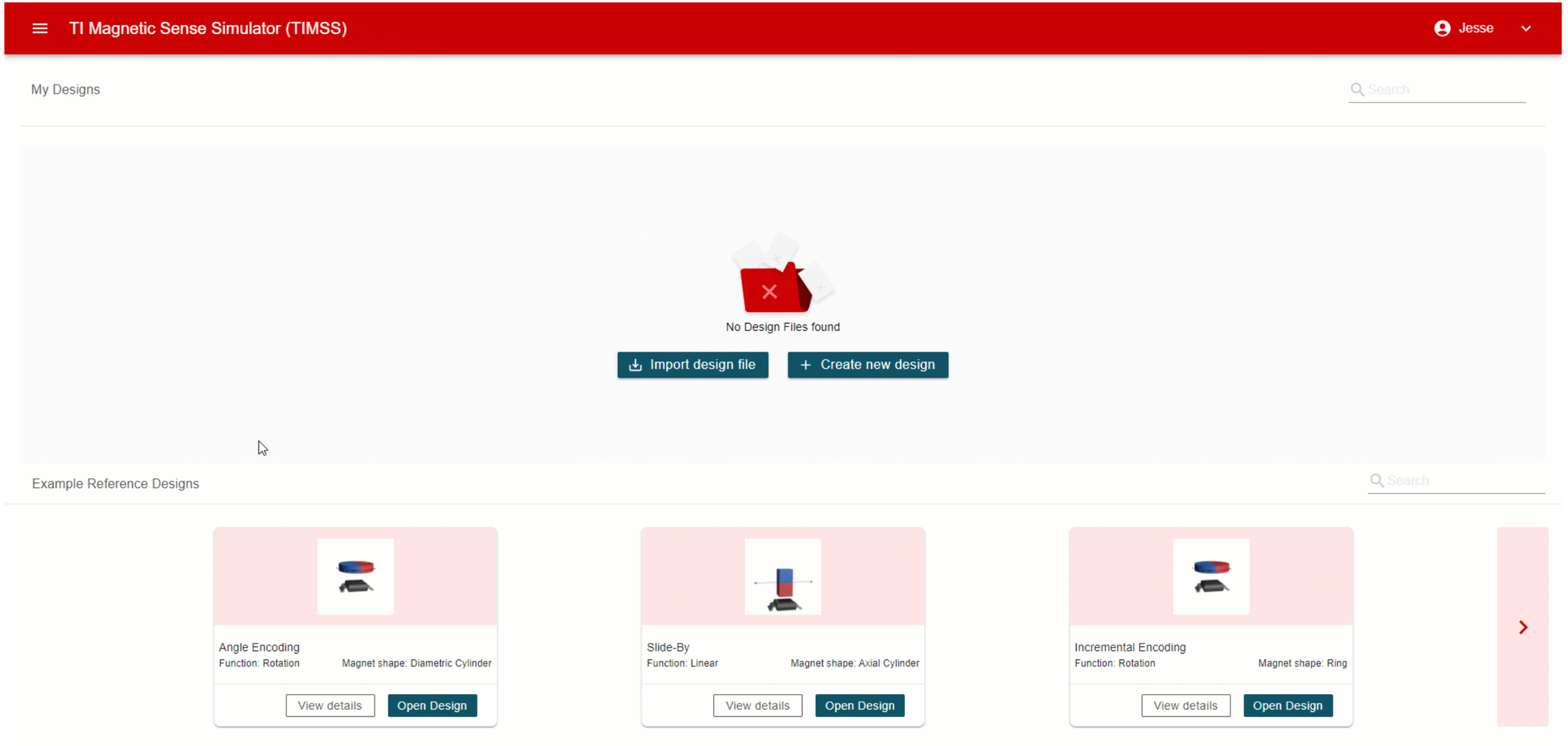
Location of the magnet center

Orientation of the magnet

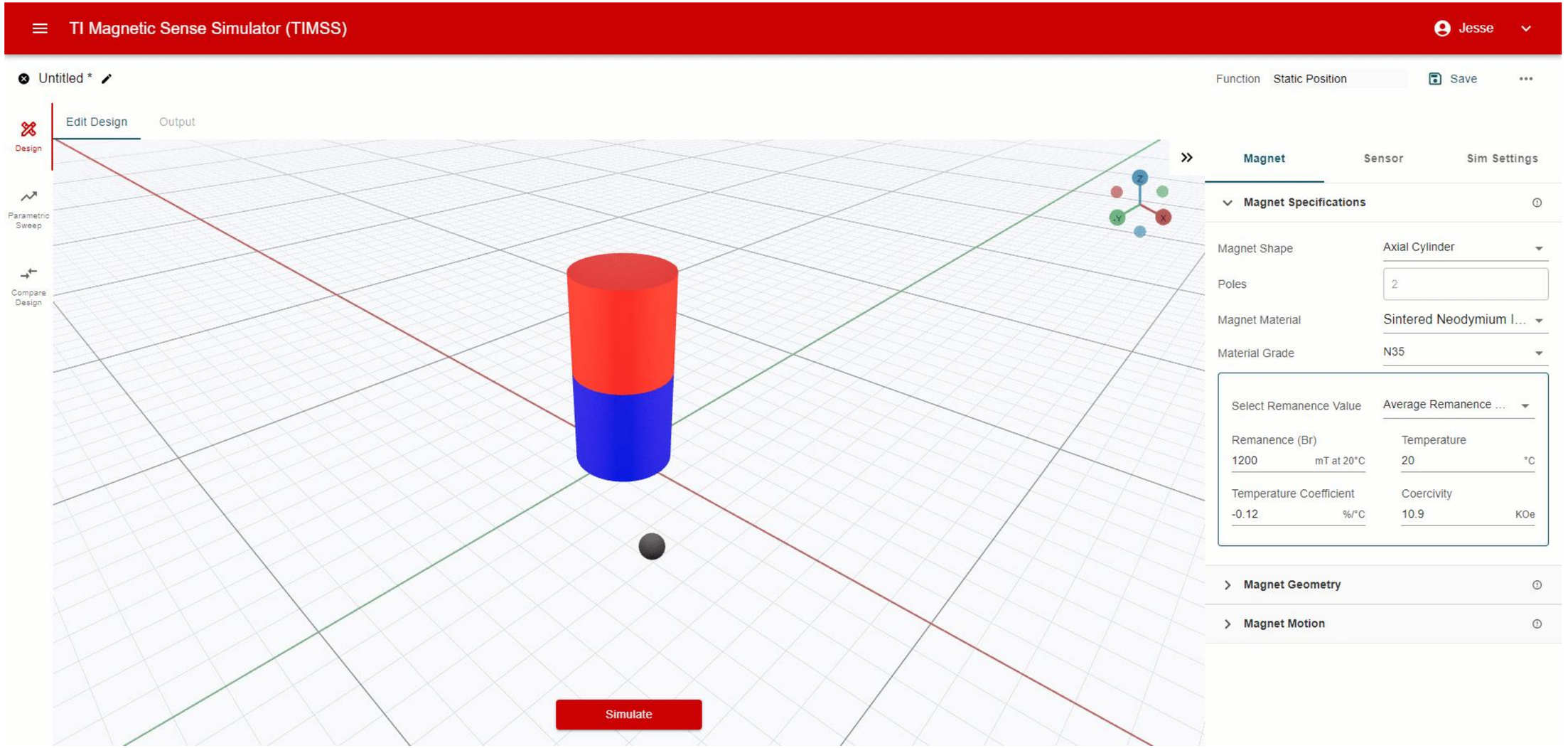




Simulation configuration example



Using parametric sweep to gather a set of points



Learn More

- TI Magnetic Sense Simulator Product Folder
  https://www.ti.com/TIMSS
- TI Magnetic Sense Simulator User's Guide
  https://www.ti.com/lit/ug/slyu067/slyu067.pdf
- TI Magnetic Sense Simulator App Brief
  https://www.ti.com/lit/ab/slya083/slya083.pdf
- Position Sensing Demo Video Series
  https://www.ti.com/video/series/position-sensing-demos.html
- TI Precision Labs: Magnetic Sensor Training Videos
  https://www.ti.com/video/series/precision-labs/ti-precision-labs-magnetic-sensors.html
- Sensors E2E Forum
  https://e2e.ti.com/support/sensors-group/sensors/f/sensors-forum
- TI Magnetic Sensor Portfolio
  https://www.ti.com/magneticsensors

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www.ti.com/timss