

FLORIDA STATE UNIVERSITY
COLLEGE OF ENGINEERING

SEPARATING THE EFFECTS OF DIFFERENT FLUX PINNING DEFECTS ON THE
FIELD, ANGULAR, AND TEMPERATURE DEPENDENCE OF J_c IN COMMERCIAL
REBCO COATED CONDUCTORS

By

ASHLEIGH RENEE FRANCIS

A Dissertation submitted to the
College of Engineering
in partial fulfillment of the
requirements for the degree of
Doctor of Philosophy

2022

Ashleigh Francis defended this dissertation on November 8, 2022.

The members of the supervisory committee were:

David C. LARBALÉSTIER
Professor Directing Dissertation

Wei Guo
University Representative

Christianne Beekman
Committee Member

Fumitake Kametani
Committee Member

Theo Siegrist
Committee Member

The Graduate School has verified and approved the above-named committee members, and certifies that the dissertation has been approved in accordance with university requirements.