

FLORIDA STATE UNIVERSITY
COLLEGE OF ARTS & SCIENCES

CONSTRAINING THE ORIGIN OF A VERY HIGH VELOCITY CLOUD TOWARD M33:
NEW HI DETECTION USING GBT

By
S. LUCAS DENNY

A Thesis submitted to the
Department of Physics
in partial fulfillment of the
requirements for the degree of
Master of Science

2020

S. Lucas Denny defended this thesis on July 2, 2020.
The members of the supervisory committee were:

Kevin Hufferberger
Professor Directing Thesis

Jeremiah Murphy
Committee Member

Susan Blessing
Committee Member

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