Student Name	Alexander Lind	Student ID_*******	
<u>Doctoral</u>	_ Degree in _Physics		
Thesis Title:			
Second Order	Nonlinear Optics with Ultrashort Freq	uency Combs	
		ects which requires approval from the	
Institutional Rev	view Board (IRB)? Yes _X_ No		
IRB Protocol N	umber		
Have you used	live animals, animal tissue, or observ	ational animal work which requires approval	
from the Institu	tional Animal Care and Use Committe	ee (IACUC)? Yes <u>x</u> No	
IACUC Protoco	ol Number		
Attach the final copy of thesis/dissertation for committee review. While formatting changes may be requested by the Graduate School, the content of the attached document should be final.			
Approvals:			
Committee Cha	air Name <u>Scott Diddams</u>		
Signature Switt 18E98AG	ned by: Diddaws SPFC82495	Date Signed	
Committee Mei	mber Name Greg Rieker		
Signature Chapter 7859384	ned by: A B Ricker 46113493	Date Signed 11/18/2021	

The final copy of this thesis has been examined by the signatories, and we find that both the content and the form meet acceptable presentation standards of scholarly work in the above-mentioned discipline.