PREFACE

Assalamualaikum Warahmatullahi Wabarakatuh

Alhamdulillahirobbilalamin, thanks to the Most Gracious and the Most Merciful, ALLAH SWT who always gives me all the best of this life and there is no doubt about it to finish this Magister thesis entitled õ*Self Interference Based Mutual Coupling Scheme for Single Channel Full Duplex Multi User SIMO*". This thesis was made for the requirement to get the degree of Master of Telecommunication Engineering

In completing this study thanks to encouragement, guidance, and assistance from various parties, therefore, the author would like to thank:

- 1. Allah SWT, for all his blessings that have given smoothness in working on this thesis.
- Dr. Rina Puji Astuti, Ir.MT. as my 1st advisor who always give her times, attention, guidance, direction and help to me in order to finish this thesis.
- 3. Dr. Bambang Setia Nugroho, ST.,MT. as my 2nd advisor who always gives his times, attention, guidance, direction and help to me during finishing this thesis.
- 4. Dr-ing. Fiky Y. Suratman, ST.,MT. who always give his attention, guidance, direction and help to me during finishing Master Degree in Telkom University.
- 5. All Lecturer of Electrical Engineering S2 Program in Telkom University, which has been a lot to share knowledge and interactions.
- 6. All staff of Electrical Engineering S2 Program in Telkom University, especially Ms Pravita, which has been of much help in studying in Telkom University.
- 7. Beloved Parents and Family, who have given understanding so that I can finish this Education.
- 8. Students Fellow of Electrical Engineering S2 Program in Telkom University, who has always given the spirit of the Class and the completion of this thesis.
- 9. Leaders, Staff and Employees PT. Telekomunikasi Indonesia Tbk, particularly in Witel Surabaya and Kediri, which has been willing to provide support.

May Allah give a reply on the mind of all sides that authors mentioned above. The authors realize that writing is far from perfect, therefore, the author expects suggestions and constructive criticism in the hope to achieve better results in the future. Finally, with all humility I hope flaws in this thesis can be used as learning to better research in the future

Wassalamualaikum Warahmatullahi Wabarakatuh.