

PREFACE

Alhamdulillahirabbilamin, praise to Allah, the most gracious, the most merciful, with the mercy and guidance, the author has successfully finished this thesis with the title of "Split-Ring Resonator Metamaterial Antenna Gain enhancement for Ku-Band Satellite Communication". The author compiled this thesis to be filled in the graduation requirements in Program of Master of Electrical- Telecommunication Engineering, School of Electrical Engineering, Telkom University.

Some parts of this thesis have also been submitted to the 26th International Seminar on Intelligent Technology and Its Applications (ISITIA) 2025.

The suggestions for improving this thesis are highly appreciated. Hopefully, this thesis is expected to be improved and provided contributions for the reader and Indonesia especially for education and research of telecommunication on the future.

Bandung, 21st July, 2025

ADHIE SURYA RUSWANDITYA