

PREFACE

All praise and gratitude are due to Allah SWT for His mercy, guidance, and blessings, through which the author was able to complete the Master's degree study and successfully write this thesis entitled "TECHNO-ECONOMIC ANALYSIS OF UTILIZING 700 MHz FREQUENCY SPECTRUM FOR 5G NETWORK DEPLOYMENT IN JAKARTA METROPOLITAN AREA." This thesis is submitted in partial fulfillment of the requirements for obtaining the Master of Electrical Engineering degree at Telkom University, with a specialization in Regulation and Management of Telecommunication Engineering (RMT).

The author fully realizes that this thesis is still far from perfect, both in terms of planning and analytical depth. Therefore, constructive criticism and suggestions are sincerely welcomed to improve the quality of future research. Nevertheless, the author hopes that this thesis will provide new insights into the field of Telecommunication Regulation and Management and serve as a useful reference for future studies on similar topics.

Finally, the author would like to express heartfelt appreciation to all those who have provided support, assistance, and encouragement throughout the completion of this thesis.

Bandung, 25th July, 2025



FARAH HANIFAH