

PREFACE

All praise is due to Allah, The Most Gracious, for His countless blessings and guidance, which have enabled the completion of this master's research, titled "Study of the Effect of Latency and Ku-Band Propagation on User Experience for Internet and Streaming Applications." This thesis is submitted as part of the requirements for completing the Master's Program in Electrical Telecommunication Engineering, with a focus on Regulation and Management of Telecommunication (RMT), at the School of Electrical Engineering, Telkom University.

The author recognizes that this thesis may not be without flaws and fully embraces constructive feedback to enhance its content. Any limitations or shortcomings present are acknowledged with humility, and suggestions for improvement are warmly welcomed. The critical input from readers will undoubtedly contribute to refining the findings and methodology of this research.

It is the author's hope that this work provides meaningful insights into the realm of telecommunications, particularly in advancing knowledge about satellite communication and its impact on user experience. Furthermore, it is anticipated that this thesis will serve as a stepping stone for future research endeavours and contribute positively to the academic community globally.

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