

## PREFACE

Alhamdulillahirobbil'alamin, praise to Allah, the most gracious, the most merciful, with His rahmah and hidayah, the author has successfully finished this thesis with the title of **”Telkom University 5G Channel Model considering Temperature Effects”**. The author compiled this thesis to be filled in the graduation requirements in Program of Master of Electrical-Telecommunication Engineering, School of Electrical Engineering, Universitas Telkom. Some part of this thesis also have been published in 1st International Symposium of Future Telecommunication and Technologies (SOFTT), Bandung, Indonesia, December 2018, and 2nd (SOFTT), Kuala Lumpur, Malaysia, December 2019. Some part of this thesis also have been submitted in IEEE Transaction Wireless Communication. The suggestions for improving this thesis are highly expected. Hopefully, this thesis is expected to be improved and provided contributions for the reader and the author.

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