

## **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 **ULTRA WIDE BAND BICONICAL ANTENNA FOR MOBILE COGNITIVE RADIO BASE STATION IN DISASTER RECOVERY WIRELESS NETWORKS**. 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 3rd International Symposium of Future Telecommunication and Technologies (SOFTT), Kuala Lumpur, Malaysia, November 2019. 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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