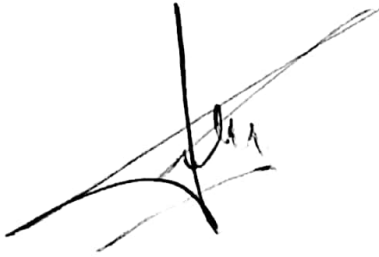


APPROVAL PAGE

Approval of the School of Electrical Engineering of Telkom University

I certify that this thesis satisfies all the requirements as a thesis for the degree of Master Electrical Engineering.

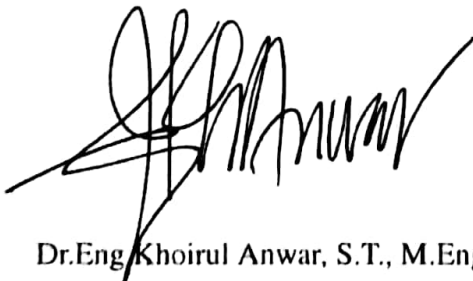
Bandung, Aug 22 , 2019



Dr.-Ing Fiky Y. Suratman
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This is to certify that we have read this thesis and that in our opinion it is fully adequate, in scope and quality, as a thesis for the degree of Master Electrical Engineering.

Bandung, Aug 22 , 2019



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