

APPROVAL PAGE

Approval of, the Graduate Study Program of Electro-
Telecommunication Engineering, Telkom University

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

Date (DD/MM/YY): 3 / 9 / 2015



(Dr.-Ing. Fiky Y. Suratman)

Head of The Graduate Study Program of Electro-
Telecommunication Engineering

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 of Telecommunication Engineering.

Date (DD/MM/YY): 3 / 9 / 2015



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