Ain Shams University

Faculty of Engineering

Electronics and Communications Engineering Department

DEVELOPMENT OF DECOUPLED MIMO ANTENNAS FOR LTE

A Thesis

Submitted in partial fulfillment for the requirements of the degree of Master of Science in Electrical Engineering

(Electronics and Communications Engineering)

Submitted By

Othman Fawzy Ahmed Mousa

B. Sc. Electronics & Communications Engineering

Supervised By

Prof. Dr. Abdelhalim Zekry

Electronics and Communications Engineering Department,
Faculty of Engineering, Ain Shams University

Prof. Dr. Wagdy Refaat Anees

Electronics and Communications Engineering Department,
Faculty of Engineering, Ain Shams University

Dr. Reda Salama Ghoname

Microstrip Department,
Electronics Research Institute

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Ain Shams University

Faculty of Engineering

Electronics and Communications Engineering Department

Judgment Committee

Name: Othman Fawzy Ahmed Mousa

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Degree: Master of Science in Electrical Engineering

Name, Title Affiliation	**Signature**

Date: / /

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Statement

This thesis is submitted to Ain Shams University in partial fulfillment of the degree of Master of Science in Electrical Engineering (Electronics and Communications Engineering).

The work included in this thesis was carried out by the author at the laboratories of the microstrip department, electronics Research institute, National Research Center and microwave laboratory, faculty of engineering, ain shams university.

No part of this thesis has been submitted for a degree or qualification at any other university or institute.

Name : Othman Fawzy Ahmed Mousa

Signature :

Date :

Ain Shams University

Faculty of Engineering

Electronics and Communications Engineering Department

Curriculum Vitae

Name of the researcher	:	Othman Fawzy Ahmed Mousa
Date of Birth	:	01/01/1985
Place of Birth	:	Egypt
Nationality	:	Egyptian
First University Degree	:	B.Sc in Electronics and Communications Engineering Thebes Higher Institute for Engineering
Certification Date	:	May 2007

Name : Othman Fawzy Ahmed Mousa

Signature :

Date :

Table of Contents

List of Figures