

بسم الله الرحمن الرحيم

**SUDAN UNIVERSITY OF SCIENCE AND TECHNOLOGY**

**COLLEGE OF GRADUATE STUDIES**

**Performance of High Power Amplifier (HPA) in  
Orthogonal Frequency Division Multiplexing  
(OFDM)**

**أداء مضخم القدرة العالي في نظام التقسيم الترددي  
المتعامد المتعدد الإرسال**

A Thesis Submitted in a Partial Fulfillment to the

Requirements for the Degree of M.Sc.

in

Electrical Engineering (Control and Microprocessor)

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June 2012