

**Sudan University for Science  
&Technology**

**College Of graduate studies**

**Thesis submitted in partial fulfilment of  
requirement For Master of Science in  
:Telecommunication Engineering Degree**

**WCDMA Planning**

**التخطيط للوصول المتعدد لتقسيم  
الكود العريض**

:By

**Ahmed Mouawia Habib Mustafa**

:Supervised by

**Dr. Khalid Hamid Bilal**

June 2012