

## Towards the Evolution of Mobile Services and Preparedness for the Deployment of Fifth Generation Technologies in Nigeria

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### ABSTRACT

The abstract reports a research whose aim to look at the gradual evolution of mobile services and near future 5G services and its core architecture, technological hindrances and successes recorded and the readiness to deploy 5G technologies. 3G radio network planning, link budget, soft capacity and soft handover calculations will also be explored with explanation on how interference margin, fading margin and equipment losses affects the link budget estimates.

**Keywords:** 5G core architecture; Mobile services; link budget; soft capacity; Equipment losses.

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