Abstract

Long terms evolution (LTE) allows using new and wider spectrum up to 20MHz with high data rates and lower latency. This paper provides analysis of the concept of heterogeneous networks as compared to homogenous networks on a realistic scenario of Mosul city and discusses the need for an alternative deployment model and topology to enhance the performance of network. It is clearly demonstrating the need for using inter-cell interference coordination (ICIC) methods to achieve a good performance for network especially at the cell edge. Heterogeneous network enables flexible and low-cost deployments and it has attractive solution for non-uniform traffic distribution or needed a special service in hot-spot.

References

- QUALCOMM INC. ALEKSANDAR DAMNJANOVIC and JUAN MONTOJO;A


Index Terms

Computer Science Wireless

Keywords

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