Abstract

Telecom networks in India are planning to offer 4G data communication services for general subscribers. Also 3G networks are developing at the same time. Providing uninterrupted voice & data service at low cost to subscribers will be the prime concern for network service providers. For telecom network the installation cost is very high because it uses costly optical interfaces along with air interface. We have designed a new network with minimum optical fiber link
Designing a Reduced Mesh Network for Wi-MAX with Optimized Number of Link using QUALNET 5.0.1
without degrading the performance of the network. The network has less amount of jitter and less end to end delay. So this network will be useful for 3G and above. QUALNET 5.0.1 simulator (licensed Version) has been used for checking the network performance.

References

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Index Terms

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