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Suriname Communications Administration 5g base station construction



Overview

What is the application effect of a 5G base station?

The actual application results show that the application effect of this method in 5G network can reach 29%, which is in the same industry leading position . The selection of base stations should comprehensively consider various indicators, such as sharing rate, planning accuracy rate, and planning depth.

Can a multi-objective 5G base station planning model be used in real life?

Finally, the simulation experiment results are analyzed and it is concluded that the multi-objective 5G base station planning model combined with genetic algorithm has high coverage and feasibility in real life, and then provides a new direction for base station location selection.

Why is 5G a key national development object?

With the rapid development of 5G, communication bandwidth has become a key national development object, among which information and communication infras-structure is a key content for enhancing national strength, safeguarding national secu-rity, and enriching people's lives.

What are the specific solutions for a base station?

The specific solutions are as follows: (1) objective function: the base station needs to maximize the needs of the business volume, the base station must have a high stan-dard after planning, and the cost of establishing the base station should be the lowest.

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Shanghai will establish up to 10,000 new 5G-A base stations this year, routing more than 70 percent of the city's internet traffic through 5G network.

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Guoqing Chen, Xin Wang, and Guo Yang Abstract The application requirements of 5G have reached a new height, and the location of base stations is an important factor ...

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