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# Public network base station site construction plan

How to choose a base station?

The selection of base stations should comprehensively consider various indicators, such as sharing rate, planning accuracy rate, and planning depth. This is a multi-objective planning problem.

Why is base station site selection important?

Especially with the development and promotion of national 5G technology, the construction of 5G base stations is an important part of the future communication infrastructure. Therefore, base station site selection will become an important work of base station construction.

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 standard after planning, and the cost of establishing the base station should be the lowest.

What are the constraints of a base station?

(2) Constraints: Euclidean distance between base stations, whether the base station covers the test point, whether the coverage reaches the standard, etc. (3) Output: the specific planning point of the base station, the simulation diagram of the base station coverage test point.

With the sharp development of mobile communication technology, the coverage area of existing base stations cannot meet the increasing demand of users, so it is significant ...

Base station location, as a key link of base station network planning, its importance is self-evident. Reasonable base station layout can not only improve the coverage ...

Based on the principle of priority business volume and the cost performance of base station, this paper establishes a set of models to solve the site selection planning problem of urban base station.

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Site selection is an important part of communication network planning. Establish a network of communication base station in a certain position often depends on the environment ...

The Times are moving on and the communication network becomes more and more complex. Mobile communication network site planning is the key to promote the quality of ...

Therefore, the problem of site selection and planning of base stations in cities begins to become more prominent. Based on the principle of priority business volume and the ...

SIM cards can cost 5 or 10\$ through Public Mobile. Overall, read the pros and cons and decide

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if it's something which suits you. In my opinion, it's good for users who are tech ...

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