

Pristina 5G base station substation





Overview

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.

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.

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.



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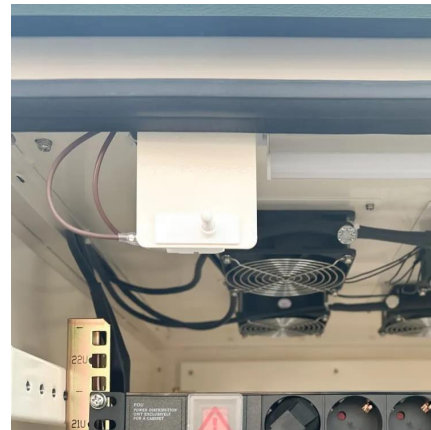


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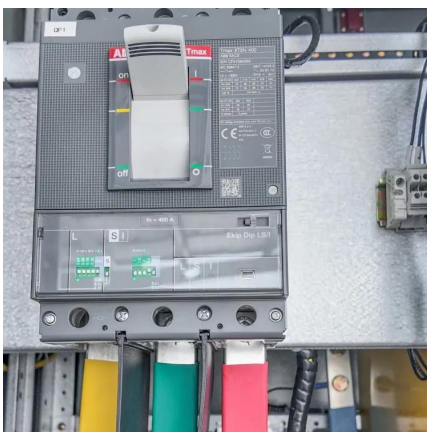
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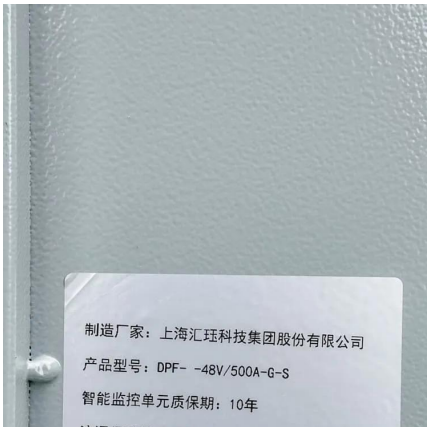
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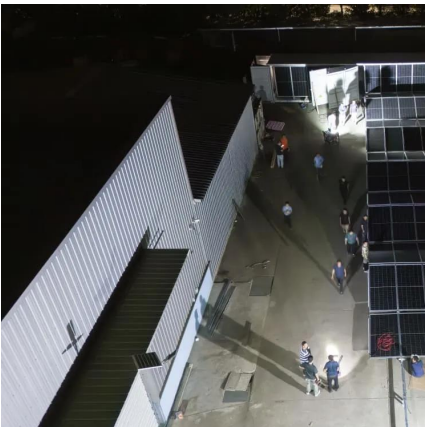
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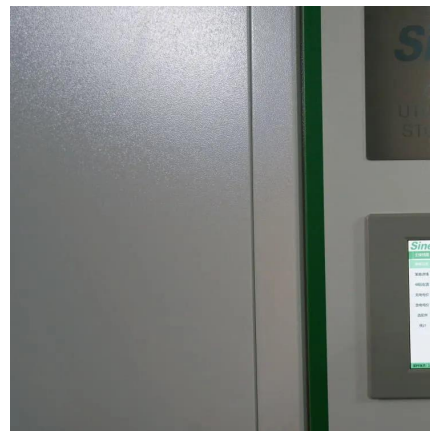


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