

5g communication signal tower base station construction





Overview

Will China build a 5G base station next year?

Technicians from China Mobile check a 5G base station in Tongling, Anhui province. [Photo by Guo Shining/For China Daily] China aims to build over 4.5 million 5G base stations next year and give more policy as well as financial support to foster industries that can define the next decade, the country's top industry regulator said on Friday.

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.

How can a 5G base station be optimized?

This article proposes an optimization approach for the deployment of 5G base stations. Initially, a continuous wave (CW) test is conducted in the planned area to acquire drive test data. These data, along with the least squares method, are utilized to calibrate the signal propagation model.

How many 5G base stations are there in general urban areas?

It is known that there are 20 3/4G shared base stations in this area. According to Section 5, the number of base stations in general urban areas ranges from 20 to 36. Therefore, in the simulation experiment, the optimal results of the base station layout are shown in Table 10. Table 10. Layout results of 5G base station in general urban areas.



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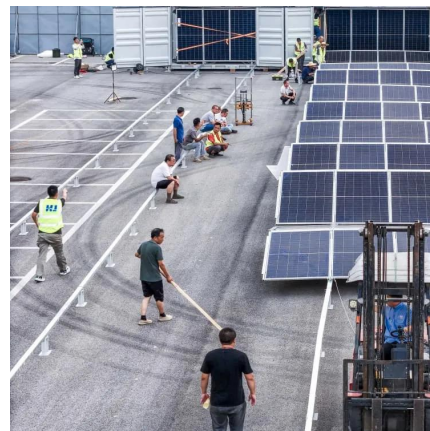


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