

Does the construction of 5G base stations require approval from the Communications Administration





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.

How many 5G base stations are required for a 28 GHz band?

As for the nominated bidders of the 28 GHz band, only the number of obligated base stations are required. For each 100 MHz obtained, the operator shall construct 375 5G base stations, reaching up to 3000 based on the maximum bandwidth allowed in this band.

How to facilitate 5G network rollout of mobile network operators (MNOs)?

To facilitate the 5G network rollout of the mobile network operators (“MNOs”), the Government has launched a pilot scheme to open up about 1,500 suitable Government venues for MNOs to install radio base stations under a streamlined approval procedure and at a nominal rent of \$1 per year.

What are 5G applications for Civil Aviation?

According to the CAACI, 5G applications for civil aviation are based on different scenarios, using a combination of security and non-security communications. Security communications such as 5G AeroMACS are completely isolated from the public 5G network built and deployed by telecom operators.



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