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Title: 5g base station power distribution components

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What is a 5G base station?

A 5G network base-station connects other wireless devices to a central hub. A look at 5G base-station architecture includes various equipment, such as a 5G base station power amplifier, which converts signals from RF antennas to BUU cabinets (baseband unit in wireless stations).

Will 5G use micro-cells?

Therefore, in 5G networks, high-frequency resources will no longer use macro base stations, micro-cells become the mainstream, and the small base stations will be used as the basic unit for ultra-intensive networking, that is, small base stations dense deployment.

What is the coverage area of 5G high-frequency base stations?

The radius of coverage area of 5G high-frequency base stations will be less than one-tenth of that of 4G base stations, and the coverage area of 5G high-frequency base stations will be less than one percent of that of 4G base stations. The deployment of macro base stations is difficult and the site resources are not easy to obtain.

Will 4G base stations be upgraded to non-standalone 5G?

Upgrading 4G base stations by software to non-standalone (NSA) 5G will still require hardware changes. It will act as an interim, but it will still not satisfy the need for true 5G network architecture. The number of base stations needed increases with each generation of mobile technology to support higher levels of data traffic.

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