

Title: Base station site classification

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Summary
Operation Overview
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The working range of a cell site (the range which mobile devices connects reliably to the cell site) is not a fixed figure. It will depend on a number of factors, including:

- o Height of antenna over surrounding terrain (Line-of-sight propagation).
- o The frequency of signal in use.

There are two types of base stations in 5G NR networks: gNodeB (gNB) and Next-Generation Evolved Node B (ng-eNB). gNodeB ...

Learn about the different classes of 5G NR base stations (BS), including Type 1-C, Type 1-H, Type 1-O, and Type 2-O, and their specifications.

Station class codes describe the purpose for which a particular station is used.

Each set of requirements corresponds to a base station class is used as criteria for classification. Three classes are defined: Wide Area BS class, Medium Range BS class and Local Area BS ...

There are two types of base stations in 5G NR networks: gNodeB (gNB) and Next-Generation Evolved Node B (ng-eNB). gNodeB is a base station that connects 5G phones ...

The base station vendor declares which types of requirements a base station conforms to and hence which class a base station belongs to. In this way, the specifications allow for several ...

In practice, cell sites are grouped in areas of high population density, with the most potential users. Cell phone traffic through a single site is limited by the base station's capacity; of -56 ...

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