

## SolarInnovate Energy Solutions

# How to check 5g base station



## Overview

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What is the range of a 5G base station?

5G base stations use millimeter waves that are extremely limited in range. Each 5G base station has a range of between 800-1000 feet, or 0.15-0.19 miles. It makes up for its limited range by surpassing 4G in other key areas: data transfer speeds (bandwidth), latency, and capacity.

How many 5G base stations would a cell phone tower support?

Hundreds of 5G base stations will need to be installed to cover the area of a single cell phone tower. Even if just 100 base stations were required, 5G's would support at least 25,000 devices to 4G's 100. 5G smartphones are being released all the time.

How are 5G measurements done?

Regarding the collection of 5G measurements, it is done in the same way as for the previous technologies by our App users, with the difference that these users must of course be equipped with mobile and SIM card both 5G compatible. These measurements are therefore carried out in real conditions, directly in the field.

Is 5G commercially open?

Indeed, it allows to follow the progressive deployment of 5G in the world, with always a notion of quality of associated coverage. However, it should be noted that certain areas where 5G has been detected are not necessarily commercially open. Indeed, beforehand, technical tests can be carried out by operators and their subcontractors.

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