

# Are 5G base stations considered communications facilities



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### FCC FACT SHEET Build America: Eliminating Barriers to ...

infrastructure builds remain essential to this nation's 5G leadership. American consumers demand more from their mobile networks as wireless data traffic rises rapidly year-over-year.<sup>5</sup> The number of ...

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### Microsoft Word

To reach all corners of our nation, 5G networks must use a range of spectrum bands, from low to high frequencies, and a variety of physical infrastructure, from small cells to macro towers.



### Base Stations

The present-day tele-space is incomplete without the base stations as these constitute an important part of the modern-day scheme of wireless communications. They are referred to as cell ...

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### Human Exposure to Radio

## Frequency Fields: Guidelines for Cellular

The combination of antenna towers and associated electronic equipment is referred to as a "cellular or PCS cell site" or "base station." Cellular or PCS cell site towers are typically 50-200 feet ...



### eCFR :: 47 CFR 1.6100 -

(1) Base station. A structure or equipment at a fixed location that enables Commission-licensed or authorized wireless communications between user equipment and a communications network.

## Exemplary U.S. Local 5G & Cell Tower Policies

No telecommunications facility or related improvements shall be sited so as to create a significant threat to the health or survival of rare, threatened or endangered plant or animal species.



## Small Wireless Facilities

"A small cell is a cellular base station that transmits & receives 3GPP-defined RF signals with small power and small form factor. In most cases, it services a small coverage area."



## FCC Adopts 5G Upgrade Order To Clarify Collocation Requirements

The 5G Upgrade Order clarifies that "in order to be considered a concealment element, it must have been part of the facility that was approved in the locality's prior review" and not part of a ...



## Cellular Networks, Cells, and Base Stations -- EITC



A cell site (or cell tower, or cellular base station) is a cellular-enabled mobile device site where antennae and electronic communications equipment are placed - typically on a radio mast, ...

## U.S. LOCAL CELL TOWER AND WIRELESS FACILITY LAWS

2016 study at Stockholm Central Railway Station in Sweden documented higher RF levels in areas where base station

antennas were located closest to people.  
Importantly, the RF from the downlink ...



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