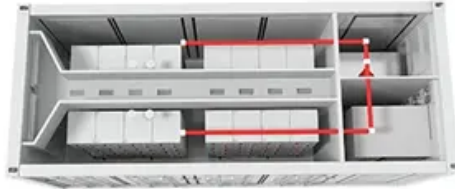


SolarInnovate Energy Solutions

Sarajevo Communications first batch of 5g base stations



Overview

What is a 5G base station?

The 5G base station is the core device of the 5G network, providing wireless coverage and realizing wireless signal transmission between the wired communication network and the wireless terminal. The architecture and shape of the base station directly affect how the 5G network is deployed.

Is BH Telecom launching a 5G network?

A few months after the 4G kick-off, in August 2019, Sarajevo-based BH Telecom—along with its partners Huawei, Ericsson, and Samsung—presented the 5G networks capabilities, including opportunities and applications of new technologies.

How does a base station affect a 5G network?

The architecture and shape of the base station directly affect how the 5G network is deployed. In the technical standards, the frequency band of 5G is much higher than that of 2G, 3G and 4G networks. At this stage, 5G networks mainly work in the 3000-5000MHz band. The higher the frequency, the greater t.

What are the limits of electromagnetic fields for 5G in Bosnia & Herzegovina?

Bosnia and Herzegovina has no specific guidelines for the limit levels of electromagnetic fields for 5G yet, as only one operator started testing 5G networks, while others are focusing primarily on the continuity of 4G expansion in the country.

Will Bosnia & Herzegovina be covered by 4G?

The plan was that more than 40% of Bosnia and Herzegovina's territory would be covered by 4G networks in 2020 and 75% by 2024. The licenses also pointed that allocated frequencies for 4G would allow coverage of rural areas with lower population density, and operators will be able to plan the

development of their networks more efficiently.23.

Is millimetre wave frequency band a candidate spectrum for 5G network architecture?

Al-Falahy, N., & Alani, O. Y. (2019). Millimetre wave frequency band as a candidate spectrum for 5G network architecture: A survey. *Physical Communication*, 32, 120-144.

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The Faculty of Electrical Engineering, University of Sarajevo ...

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China has Built and Activated over 4.1 Million 5G Base Stations

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BH Telecom issues Important Notice about Installation of 5G Base Stations

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