

# **Kyrgyzstan Yisen Communications invests in 5G base stations**





## Overview

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When will 5G be implemented in Kyrgyzstan?

Under the timeline of this nationwide programme, 5G implementation is scheduled between Q1 2022 and Q4 2023. CommsUpdate reports that Kyrgyzstan has not yet decided on the pilot zones for the pilot launches that will constitute phase one of 5G implementation. Operators will be granted spectrum holdings to conduct these tests.

Do operators in Kyrgyzstan test 5G?

Operator Watch Blog: Operators in Kyrgyzstan Cautiously Test 5G! Operators in Kyrgyzstan Cautiously Test 5G! The Kyrgyz Republic, known as Kyrgyzstan, has the highest levels of mobile penetration across Central Asian (CA) countries — 159.9% with 2.94 SIMs per unique mobile subscriber, according to GSMA Intelligence.

How fast is 5G in Kyrgyzstan?

5G in Kyrgyzstan is being tested in the n77 and n78 (3400MHz-3800MHz) frequency ranges, and will initially be integrated with existing 4G networks. O! expects its eventual 5G network to provide data speeds around 'ten times faster than 4G' with 'average speed of 150Mbps-200Mbps.'.

Does Kyrgyzstan have a 5G pilot zone?

CommsUpdate reports that Kyrgyzstan has not yet decided on the pilot zones for the pilot launches that will constitute phase one of 5G implementation. Operators will be granted spectrum holdings to conduct these tests. Kyrgyzstan's government was forced to delay its planned 5G timeline that would have seen launches before the end of 2021.

What is 4G availability in Kyrgyzstan?

4G Availability is a function of smartphone availability and affordability and 4G coverage. According to the National Statistics Office, smartphone shipments



to Kyrgyzstan reached 968,000 units between January and July 2022, of which the majority (872,000) were from China, with an average price of \$69.

Will Kyrgyzstan reach full commercialisation by 2023?

Full commercialisation can still occur, according to the Ministry, by 2023 – keeping the country on track with the 2019-2023 Digital Transformation policy and roadmap. Moving ahead with the 5G network rollouts may be one of the few remaining areas to find growth in Kyrgyzstan's telecom market.



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### Network coverage in Kyrgyzstan

The 5G benefits range from faster speeds (up to 10x faster), much lower latency (up to 50x lower) and greater capacity allowing many more devices to be connected at the same time.

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### [Central Asia Embarks on 5G While 4G is Still Lacking](#)

Operators in Kyrgyzstan are piloting 5G as well. In September 2022, MegaCom, in partnership with Huawei and the Ministry of Digital Development, launched a 5G showcase zone in ...

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### [Central Asia Embarks on 5G While 4G is Still Lacking](#)

Key developments: Kyrgyzstan's Ministry of Digital Development releases updated plans for 5G network rollouts, with the first round of test launches targeted for late-2022.

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### [Testing of 5G technology started in Kyrgyzstan](#)

Mobile communications providers of Kyrgyzstan were given permission to test 5G technology. The Ministry of Digital Development reported, citing the Service for Regulation and ...

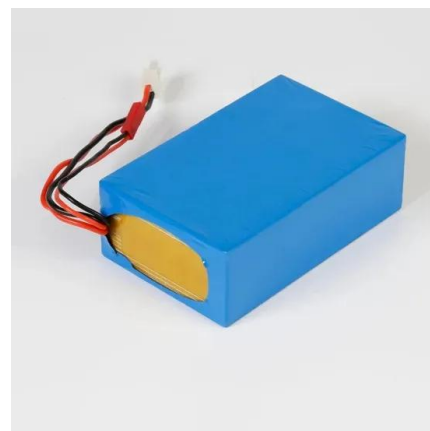
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### [Energy Management of Base Station in 5G and B5G: Revisited](#)

The popularity of 5G enabled services are gaining momentum across the globe. It is not only about the high data rate offered by the 5G but also its capability to accommodate myriad of ...

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### **Operator Watch Blog: Operators in Kyrgyzstan Cautiously Test 5G!**

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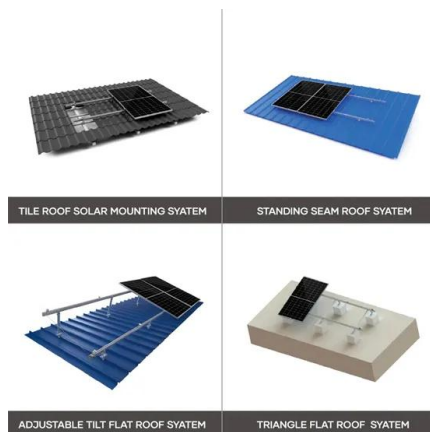
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## [Base Station Antennas for the 5G Mobile System](#)

The fifth-generation (5G) mobile communication system will require the multi-beam base station. By taking into account millimeter wave use, any antenna types such as an array, reflector and ...

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## **First test drive of 5G technology in Kyrgyzstan was successful**

During test trials, telecom operators demonstrated the capabilities of 5G in the field of virtual reality, as well as the ability to control an industrial robot in real time and the quality of video ...

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## [Installation of Base Stations and Radiation Safety](#)

The rollout of 5G services needs the establishment of an extensive network of radio base stations and small cells to support very high-speed data transmission and ubiquitous coverage. To ...

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## [Central Asia Embarks on 5G While 4G is Still Lacking](#)

Mobile operators started to deploy and test 5G networks, although with limited geographic reach. Surprisingly Tajikistan was one of the first countries in ...

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### [Ambitious 5G base station plan for 2025](#)

China aims to build over 4.5 million 5G base stations next year and give more policy as well as financial support to foster industries that can define the next decade, the ...

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### [Market Outlook for 5G Base Station RF Devices: Opportunities](#)

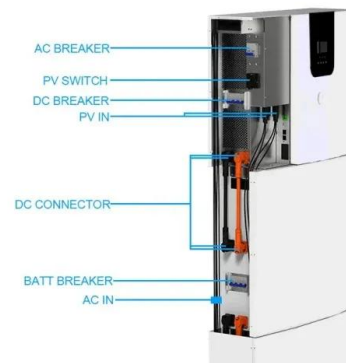
Dive into the market outlook for 5G base station RF devices. Analyze opportunities and forecasts that will drive the industry's evolution and success.

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### **Reconfigurable Antennas for Intelligent In-Door 5G Base Station ...**

Phased array antennas are special reconfigurable antennas with beam scanning which are widely used in 5G communications. Antenna tuners have also been widely shipped ...

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### [Ambitious 5G base station plan for 2025](#)

The move comes as the country charted its vision for industrial growth during a two-day work conference of the Ministry of Industry and Information Technology. With 4.19 million 5G base ...

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### [Kyrgyzstan aiming for 5G launches this year](#)

Under the timeline of this nationwide programme, 5G implementation is scheduled between Q1 2022 and Q4 2023. CommsUpdate reports that Kyrgyzstan has not yet decided ...

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### [Kyrgyzstan launches 5G test zone-Xinhua](#)

"We are interested in the rapid development of 5G technology throughout the country, assisting telecom operators in deploying these networks. The profile state bodies ...

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