

6 GHZ SPECTRUM VITAL FOR INDIA TO MEET NATIONAL BROADBAND MISSION TARGETS, SAYS COAI

Relevant for: Science & Technology | Topic: IT, Internet and Communications

To enjoy additional benefits

CONNECT WITH US

December 29, 2022 10:44 am | Updated 10:44 am IST - NEW DELHI

COMMENTS

SHARE

READ LATER

File photo of a 5G symbol set against circuitry | Photo Credit: REUTERS

Industry body COAI on Wednesday said it is critical to identify a 6 GHz band for mobile services, and mid-bands offering wide coverage and capacity are important for rapid and cost-efficient deployments of 5G mobile networks.

(For insights on emerging themes at the intersection of technology, business and policy, [subscribe](#) to our tech newsletter Today's Cache.)

In case adequate spectrum in the 6 GHz band is not allocated to IMT, the country would have to account for around 60 per cent higher annual costs to achieve the [performance expected from 5G services](#).

This would lead to delayed expansions and a significant increase in energy consumption and radio network cost, COAI cautioned.

The association also emphasised that the 6 GHz spectrum is vital for India to achieve the targets of the National Broadband Mission.

"The industry firmly believes that it is critical to identify the 6 GHz band for IMT services because it will not only aid in long-term network planning but also because 6 GHz is the last mid-band opportunity offering a provision of minimum 2 GHz contiguous mid-band spectrum, which will become critically essential for mobile communications beyond 2025," SP Kochhar, Director General of Cellular Operators' Association of India (COAI), said in a statement.

The association said that 6 GHz is the only mid-band spectrum range where a contiguous bandwidth to the order of 300-400 MHz per operator is possible to make it available for the rapidly evolving demands towards 2030.

COMMENTS

SHARE

[technology \(general\)](#) / [internet](#) / [emerging technologies](#)

BACK TO TOP

Comments have to be in English, and in full sentences. They cannot be abusive or personal. Please abide by our [community guidelines](#) for posting your comments.

We have migrated to a new commenting platform. If you are already a registered user of The Hindu and logged in, you may continue to engage with our articles. If you do not have an account please register and login to post comments. Users can access their older comments by logging into their accounts on Vuukle.

END

Downloaded from **crackIAS.com**

© **Zuccess App** by crackIAS.com