



# Press release

Bonn, 14 July 2021

Page 1 of 2

## Wi-Fi use now in the 6 GHz frequency band

### Jochen Homann: "Doubling the spectrum available"

The Bundesnetzagentur has today published a general frequency assignment for Wi-Fi use in the 6 GHz band.

"We are nearly doubling the spectrum available for Wi-Fi. This will further advance the digital transformation while making other innovations possible," said Jochen Homann, Bundesnetzagentur President.

The additional 480 MHz of spectrum makes more capacity available for Wi-Fi applications for consumers and industry, especially in densely populated areas, where existing Wi-Fi frequency bands are sometimes near their full capacity. Furthermore, the use of innovative technologies such as Wi-Fi 6E, which features wider channels, will be enabled.

Private individuals, businesses and other institutions will benefit from the additional Wi-Fi frequencies in the 5.945 GHz - 6.425 GHz frequency band thanks to higher throughput and more stable connections for high bit rate applications such as video-telephony, gaming or streaming.

In unison with the other European countries, the frequencies will be available for all of Europe and thereby creating corresponding economies of scale.

The general frequency assignment has been published (in German) at [www.bundesnetzagentur.de/wlan6ghz](http://www.bundesnetzagentur.de/wlan6ghz).

Bundesnetzagentur  
Tulpenfeld 4  
53113 Bonn

[bundesnetzagentur.de](http://bundesnetzagentur.de)  
[twitter.com/bnetza](https://twitter.com/bnetza)

**Press contact person**  
Fiete Wulff  
*Head of Press and Public  
Relations*

Tel. +49 228 14 - 9921  
[pressestelle@bnetza.de](mailto:pressestelle@bnetza.de)



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Page 2 of 2

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The Bundesnetzagentur is an authority under the responsibility of the Federal Ministry for Economic Affairs and Energy. Its core tasks include supervising the energy, telecommunications, postal and railway markets.

As part of its mandate, the Bundesnetzagentur ensures that as many undertakings as possible can use the infrastructure in these sectors so that consumers benefit from competition and favourable prices.

The authority employs over 2,900 people at its headquarters in Bonn and Mainz and its 46 regional offices.