

Press release

## FREQUENCIES

### **Arcep launches a public consultation on the rules enabling the coexistence of future mobile networks in the 3.4 – 3.8 GHz band and fixed satellite service earth stations in Guiana**

Paris, 13 October 2022

On 13 October 2022 Arcep is launching a public consultation on the rules that will enable the coexistence, in Guiana, of:

- mobile networks in the 3.4 – 3.8 GHz band;
- and fixed satellite service earth stations in the 3.8 – 4.2 GHz band.

One of the chief aims of this public consultation is to address any potential harmful interference that mobile networks – which are due to be deployed in the 3.4 – 3.8 GHz band that is currently being assigned – are likely to cause to fixed satellite service earth stations operating in the 3.4 – 4.2 GHz band.

#### **Obligations to comply with transmit power levels**

To prevent such harmful interference, the Arcep Decision 31 March 2022<sup>1</sup> sets out future 3.4 – 3.8 GHz band licensees' obligations to take the necessary measures to comply with set transmit power levels, and stipulates that the conditions allowing for the coexistence of mobile networks in the 3.4 – 3.8 GHz band and fixed satellite service earth stations in the 3.4 – 4.2 GHz band are likely to change over time.

#### **Clarifying the conditions allowing for coexistence**

The purpose of this public consultation is therefore to clarify the conditions that will allow for coexistence, as much in terms of the technical conditions required as their location and duration. The proposed text is careful to distinguish between existing stations and those that might be deployed in future, and to factor in the restriction levels on mobile network deployments that may vary depending on the stations and their location.

Stakeholders are invited to send their contributions to Arcep before 12 pm (Paris time) on 2 December 2022.

#### **Associated document:**

[Public consultation on the rules enabling the coexistence of 5G networks in the 3.4 – 3.8 GHz band and fixed satellite service earth stations in the 3.8 – 4.2 GHz band in Guiana](#)

#### **Arcep at a glance**

The Regulatory Authority for Electronic Communications, Postal Affairs and Print Media Distribution (Arcep), a neutral and expert arbitrator with the status of independent administrative authority (IAA), is the architect and guardian of internet, fixed and mobile communications and postal networks in France.

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<sup>1</sup> [Arcep Decision No. 2022-0721 of 31 March 2022](#)

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