

# Ericsson response to Ofcom consultation on Optimal use of 3.9 GHz spectrum



## About Ericsson

Ericsson enables communications service providers to capture the full value of connectivity. The company's portfolio spans Networks, Digital Services, Managed Services, and Emerging Business and is designed to help our customers go digital, increase efficiency and find new revenue streams. Ericsson's investments in innovation have delivered the benefits of telephony and mobile broadband to billions of people around the world. The Ericsson stock is listed on Nasdaq Stockholm and on Nasdaq New York. [www.ericsson.com](http://www.ericsson.com)



## Consultation Questions

Question 1: Do you agree with our proposed technical changes to the licence?

Ericsson supports the proposed technical changes to the licence.

Question 2: Do you agree with our assessment of the impacts of our proposed technical changes to the licence?

Ericsson agrees with the impact assessment.

Question 3: Do you agree with our proposal to introduce a use clause, including the specific timeframes proposed?

Ericsson recommends extending the proposed timeframes in the use clause to at least 10 years. This will ensure the availability of the intended AAS product and provide sufficient time for its deployment. Additionally, it accounts for the current challenges and prolonged timescales associated with network rollout, site availability, planning, and other related factors.

Question 4: Do you agree with our assessment of the impacts of our proposed use clause?

No comment

Question 5: Do you have any other comments on our proposed use clause?

If assignments are returned after the expiration of the use clause, Ofcom could consider permitting future assignments under the same technical conditions if there is a change in market demand for FWA.

Question 6: Do you agree with our proposal to update coordination with Shared Access users to assume synchronisation?

Ericsson recommend that licences are synchronised. The synchronisation and coordination from base station to base station is beneficial and will improve spectrum efficiency. It is important that new potential licensees can make informed decisions about the risk of interference and alignment of their TDD patterns. Studies provided in ECC PT1 CG 4GHz<sup>1</sup> shows challenges in outdoor deployment of unsynchronized Base Stations.

Question 7: Do you agree with our proposal to remove adjacent channel protections of H3G assignments from Shared Access users?

No comment

Question 8: Do you have any comments on our impact assessment (to the extent not covered by previous questions)?

No comment

Question 9: Do you have any comments on our Equality impact assessment?

No comment

Question 10: Do you have any comments on our Welsh Language impact assessment?

No comment

Question 11: Do you have any other comments on our proposals?

No comment

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<sup>1</sup>[Studies provided in ECC PT1 CG 4GHz](#)