

Name withheld

Question 1: Do you have any comments on the use of the 3.6 to 3.8 GHz band by existing services?:

With 5G and the explosive use of mobile data, there is a clear need to allocate

Question 2: Do you agree with our identification of a trend towards the use of mobile in the 3.6 to 3.8 GHz band?:

Yes, as mentioned, the overall industry trend is clear. There is a massive need for more capacity, and for coverage indoors. 5G would mean 10-100 times as many base stations as today. These would be deployed indoors, in order to increase capacity.

Question 3: Do you agree with our high level proposal to make 116 MHz within the 3.6 to 3.8 GHz band available for mobile and 5G services, bearing in mind our statutory duties and the high level trends we have identified?

Yes, for the above stated reasons.

Question 4: Do you agree with our general approach regarding spectrum currently licensed to UK Broadband?:

Question 5: Do you agree with our assumptions, methodology, and conclusions with regards to potential coexistence between mobile and existing fixed links and satellite earth stations? Please refer to annex 5 for further details.:

Question 6: Do you have a view on any of the two options we identified?:

Question 7: Do you have any quantitative evidence on the costs and benefits associated with the options? This includes costs for existing users and/or consumers of existing services associated with potential changes, and benefits to UK consumers in gaining access to mobile services in this band.:

Question 8: Do you have any other suggestions that would allow widespread 5G availability using the 3.6 to 3.8 GHz band across the UK while allowing certainty for at least some existing users to continue to provide the benefits currently provided by use of the 3.6 to 3.8 GHz band?:

The use of the spectrum indoors would potentially allow for even more usage.

Question 9: Do you have any comments in relation to these proposals?:

We would consider it beneficial for the mobile market and for innovation that the customers would have free usage of all of or at least a significant part of the spectrum assets in the mentioned 3.6 - 3.8 GHz band, for low power small cells (e.g. 250 mW and below), for purposes of indoor coverage and capacity. The customers should have the legal right to connect these small cells to all the existing mobile operators' core networks for purposes of multi-operator support with spectrum sharing on the small cells. For users, these small cells would be seen as an extension of their mobile operator's network through methods of MOCN, when the small cells would broadcast the PLMN Ids of all the mobile operators. As brokers or intermediaries between the customers and the mobile operators would be (certified) independent or 3rd party brokers/neutral hosts, that can provide the service to the customers and be the contact point to the operators.