

**Organisation (if applicable):**

Truelight Sound, Light and Vision

**What additional details do you want to keep confidential?:**

No

**If you want part of your response kept confidential, which parts?:**

**Ofcom may publish a response summary:**

Yes

**I confirm that I have read the declaration:**

Yes

**Question 1: Do you agree that meeting the future growth in demand for mobile broadband capacity will deliver significant benefits to citizens and consumers?:**

I believe that the demand for mobile broadband expands in proportion to the growth of new devices being sold by the mobile communications industry.

I am not convinced that there is a genuine need to expand further in order to meet current demand, nor the natural expansion over time in the use of current technology

**Question 2: Do you agree that additional harmonised mobile broadband spectrum will play an important role in meeting the future growth in demand for mobile broadband capacity? What are your views on the overall quantity of harmonised spectrum that will be required to meet future demand? How does this compare with the expected increase in spectrum for mobile use discussed in this section?:**

It makes sense for the mobile broadband spectrum to be coordinated, however, how much and which portion of the spectrum is the subject of debate.

**Question 3: Do you agree that additional harmonised spectrum provided by the 700 MHz band could play an important role in meeting the future growth in mobile broadband capacity? :**

No, A great many cultural and artistic events are being put at risk with the reduction in frequencies available to PMSE users. Most well known manufacturers who have conducted testing predict massive disruption to the 863mhz to 865mhz range, so churches and schools throughout the UK may be forced to acquire interleaved licences.

Retention of the 700mhz band for shared use is therefore critical

**Question 4: Do you agree that the value of the role played by the 700 MHz band in meeting the future growth in mobile broadband capacity would be greater if it becomes available before other capacity enhancing techniques have been exhausted at existing mobile sites?:**

No, See question 3

**Question 5: What timing of 700MHz release would maximise the benefits associated with its use for mobile broadband?:**

It should not be, see question 3

**Question 6: Do you agree that DTT will continue to play an important role in providing universal low cost access to PSB content over at least the next decade?:**

Yes

**Question 7: Do you agree that, absent major changes in available spectrum, DTT would continue to remain attractive to viewers and deliver important benefits to citizens and consumers over at least the next decade?:**

Yes

**Question 8: What are your views on the future technical evolution of the DTT platform? Are there other relevant factors affecting future DTT spectrum requirements that we should consider as we develop an approach to secure benefits from UHF band IV and V over the long term?:**

shared use of spectrum by DTT and PMSE should be protected

**Question 9: Do you agree that a longer term approach to secure benefits from UHF band IV and V should consider how to safeguard benefits delivered by the DTT platform?:**

Yes

**Question 10: Are there other material factors affecting the future requirements of PMSE that we should consider as we develop an approach to secure long term benefits from UHF band IV and V?:**

A great many cultural and artistic events are being put at risk with the reduction in frequencies available to PMSE users. Most well known manufacturers who have conducted testing predict massive disruption to the 863mhz to 865mhz range, so churches and schools throughout the UK may be forced to acquire interleaved licences.

Temporary or touring PMSE users have lost a lot of capacity and if touring of large shows is to continue there needs to provision for PMSE.

**Question 11: Are there other material factors affecting the future requirements of Local TV that we should consider as we develop an approach to secure long term benefits from UHF band IV and V?:**

**Question 12: Are there other material factors affecting the future requirements of WSD applications that we should consider as we develop an approach to secure long term benefits from UHF band IV and V?:**

Sennheiser engineers have demonstrated that prototype WSD seriously impact the chan 38 PMSE frequencies, there must be lengthy testing before WSD can be released.

They should be required to avoid key PMSE frequencies

**Question 13: Aside from WSDs, are there other innovative ways in which to use UHF bands IV and V to deliver services and, therefore, material benefits to users:**

**Question 14: Are there other material factors affecting the future requirements of emergency services applications that we should be aware of as we develop an approach to secure long term benefits from UHF band IV and V?:**

**Question 15: Do you agree that the approach that is most likely to secure significant benefits from UHF band IV and V over the long term is one that enables the release of the 700 MHz band for mobile broadband whilst also ensuring the role of the DTT platform is safeguarded?:**

The 700Mhz band should be preserved as is unless its current users can be re-located to the 500mhz range

**Question 16: Do you believe there is a material risk that the DTT platform will have insufficient spectrum to continue to deliver important benefits (including providing universal low cost access to PSB content) if the 600MHz band is not used for DTT after change of use of the 700 MHz band? :**

Yes

**Question 17: Do you believe that using the 600 MHz band for DTT after clearing the 700 MHz band would reduce the risk that DTT platform will not be able to continue to provide important citizen and consumer benefits? :**

Probably

**Question 18: Do you agree that the future benefits for citizens and consumers of enabling the release of the 700 MHz band whilst maintaining the role of DTT are likely to outweigh the loss in benefits of the 600 MHz band not being able to be used for other services in the long term?:**

No I do not.

**Question 19: Have we identified correctly the possible short-term uses of the 600 MHz spectrum? Are there other short-term uses we should consider?:**

There must be due care and attention given to the requirements of PMSE users or churches, schools, theatres and touring events who have used licensed radio microphone systems in the past.

**Question 20: Which option(s) for releasing 600 MHz in the short term would maximise its value whilst supporting our proposed longer term objectives?:**

It should be retained for DTT and interleaved PMSE as a WSD free zone

**Question 21: Do you agree that the wider impacts of a future clearance of the 700MHz band could be managed to prevent them having a detrimental impact on consumers and the services operating in this band?:**

This will cause chaos and the impact will in my opinion outweigh the advantages

**Question 22: Do you agree that the approach set out in this consultation is likely to secure significant benefits for citizens and consumers over the long term?:**

No

**Question 23: Have we correctly identified the main areas of future work that could follow this consultation process subject to its outcome? :**

**Additional comments:**