

**Title:**

**Forename:**

**Surname:**

**Representing:**

Organisation

**Organisation (if applicable):**

Confederation of Aerial Industries (CAI)

**Email:**

**What do you want Ofcom to keep confidential?:**

Keep nothing confidential

**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

**Ofcom should only publish this response after the consultation has ended:**

You may publish my response on receipt

**1: Demand and supply of services:**

**2: Technological developments:**

**3: International developments:**

**4: Benefits to citizens and consumers:**

**5: Future timescales:**

**6: Additional comments:**

If it is a proposal to release some or all of interband for uses other than at present then instead it would be better to release more of the top end of band 5 as the USA have done rather than

fragmenting the UHF band

We are concerned over the lack of protection to interference to DTT as a result of the very small guard band of 1MHz currently applied on the 800MHz clearance. We would hope that any further release of spectrum provides for a greater guard band

So far no protection has been considered for re-modulated television channels such as used in hotel systems and security cameras on MATV systems nor UHF outputs from decoder boxes

Consideration should be given to the potential interference problems caused both to individual television aerial receiver systems and distribution systems (MATV, SMATV and IRS) where an amplifier exists. In the case of distribution systems it should be remembered that problems are magnified by the number of users being fed the aerial signals.

We are concerned over the current transmit power levels which appear to be approved in the 800MHz spectrum and point out that adjacent channel with a DTT channel power levels need to be considerably lower

In considering other uses for parts or all of the UHF spectrum existing services should be taken in to account along with of the cost associated with the resultant interference issues. Identifying and resolving interference with existing services such as DTT should be clearly allocated to one organisation (such as OFCOM) and not divided, as at present, between many.

It is disappointing that the reallocation and reuse of the UHF spectrum is not being done in one unified plan but in a piecemeal basis with further potential conflicts likely, such as occurred between DSO and the clearance of the 800MHz band.