

**To:** 2GHzawardsconsult

**Subject:** Responding to Award of available spectrum: 2500-2690MHz,2010-2025MHz

**Title:**

Mr

**Forename:**

Barry

**Surname:**

Lewis

**Name and title under which you would like this response to appear:**

Regulatory Manager

**Representing:**

Organisation

**Organisation (if applicable):**

Samsung Electronics UK

**Email:**

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**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

**Question 1: Do stakeholders agree with Ofcom's assessment of the blocking effect and of its implications for spectrum packaging?:**

Samsung Electronics UK agrees that this topic is important and appreciates the further work that Ofcom has undertaken to put this topic into context. Samsung Electronics UK also believes that the responsibility for technical performance required to facilitate peaceful coexistence rests with all potential band users irrespective of the technology they choose and the bandplan they operate within.

With respect to the spectrum packaging implications, Samsung Electronics UK is content with the conclusions drawn from Ofcom's assessment of this issue although Samsung Electronics UK believes that some assumptions in the studies may have led to pessimistic results regarding separation distances.

**Question 2: Do stakeholders agree with Ofcom's analysis of interference conditions that are relevant to the use of generic lots?:**

Samsung Electronics UK agrees that these topics are important and appreciates the care and depth that Ofcom has taken to ensure a robust and flexible award procedure.

Samsung Electronics UK believes that mitigation is possible and that it should be a burden shared amongst all users (and technologies) in the band. Mitigation measures often come with a performance compromise but this has to be balanced by the opportunity they bring too. Mitigation that can be agreed through licence holder coordination will be an essential element to ensure successful deployments. This allows flexibility to mutually refine the technical conditions at operator adjacencies in the band appropriate to the deployment scenario.

**Question 3: Do stakeholders agree with Ofcom's updated proposals for technical conditions or have views on the possibility of - extending the out-of-block masks out to an offset of  $\pm 20$  MHz from assigned blocks - placing additional restrictions on the use of restricted blocks between the FDD uplink and TDD or - a reduction in mobile station in-band power to 18 dBm/MHz EIRP? :**

Samsung Electronics UK can see no benefit in extending the masks as proposed.

Samsung Electronics UK understands that indoor usage restrictions in the 'restricted block' could help the coexistence environment but believes that it may be difficult to judge the requirement for extra 'mitigation' before the actual award and assignment procedure. Therefore Samsung Electronics UK would prefer to see this aspect reflected as guidance or advice to award participants rather than as a specific condition in the licence.

Samsung Electronics UK agrees that there is no meaningful benefit in a reduction in the mobile station power as a licence condition.

**Question 4: Do stakeholders agree with the proposed changes to the auction design set out in the December 2006 consultation?:**

No comment.

**Comments:**