Your response

Question	Your response
Question 1: Do you have comments on the overall approach to the review?	Confidential? – N Filtronic supports the overall approach to the review.
Question 2: Have we captured the major trends that are likely to impact spectrum management over the next ten years?	Confidential? – N Yes
Question 3: Could any of the future technologies we have identified in Annex 6, or any others, have disruptive implications for how spectrum is managed in the future? When might those implications emerge?	Confidential? – N Too early to comment.
Question 4: Do you agree that there is likely to be greater demand for local access to spectrum in the future? Do you agree with our proposal to consider further options for localised spectrum access when authorising new access to spectrum?	Confidential? – N Yes, offering licences with specific geographic extents could mitigate some coexistence concerns, for example; the use of spectrum allocated to fixed services for track side to train communications within the rail network.
Question 5: Do you agree with the actual and perceived barriers identified for innovation in new wireless technologies, and our proposed ways of tackling those?	Confidential? – N No comment
Question 6: Do you agree with Ofcom's proposals to improve our outreach and reporting activities, and spectrum information tools? • **Are there additional ways that Ofcom could better engage with existing and future users and providers of wireless communications?** • **Please explain any specific areas where you believe more or better provision of information could provide value to stakeholders**	Confidential? – N Yes we agree with the proposals
Question 7: Do you agree that it is important to make more spectrum available for	Confidential? – N

innovation before its long-term use is certain? Do you have any comments about our proposed approach to doing this?	Yes, this is especially important for spectrum in the EHF bands (100 to 200GHz) to explore practical use cases, guide the development of device technology development and facilitate propagation studies. It is also important to explore wider opportunities for use of E and W band in non-terrestrial networks where long-range high data rate links will be required to and between High Altitude Platforms and satellites.
Question 8: Do you agree that it is important to encourage spectrum users to be 'good neighbours' to ensure more efficient use of the spectrum? Do you agree with our proposals to: **a) increase realism in coexistence analysis at a national and international level?** **b) encourage spectrum users to be more resilient to interference?** **c) ensure an efficient balance between the level of interference protection given to one service and the flexibility for others to transmit?** **Do you have any comments on which of these will be the most important?**	Confidential? – N Filtronic agree with these proposals, all of which could promote more flexible use of spectrum in bands from 71 to 175GHz for applications beyond fixed wireless links. For example. Track to train links for WiFi on train backhaul. Backhaul in non-terrestrial networks, for HAPS ground to air and inter HAPS links. HAPS to LEO satellite communications. Intersatellite links. E Band has already been demonstrated to be highly effective in HAPS and rail applications however future exploitation is being hampered by issues of spectrum sharing and coexistence with fixed service deployments.
Question 9: Are there any other issues or potential future challenges that should be considered as part of this strategy?	Confidential? – N No comment
Question 10: Do you agree that continued use of our existing spectrum management tools (as set out in sections 4-7) will be relevant and important for promoting our objectives in the future, in light of future trends?	Confidential? – N No comment
Question 11: Is there anything else we should be considering doing, or doing differently, to promote our objectives?	Confidential? – N No comment