Your response

Question	Your response
We invite interested parties to provide feedback on the Roadmap.	Confidential? – N 1. OneWeb welcomes the publication of Ofcom's Spectrum Roadmap. 2. OneWeb – a UK company - is the world's second biggest satellite operator. As a global communications company powered from Low Earth Orbit ("LEO" and therefore a non-geostationary orbit, or "NGSO"), OneWeb is building an advanced satellite constellation to connect businesses, telecom, and governments with high speed, low-latency, internet connectivity. 3. OneWeb brings secure, resilient connectivity, through a network of distribution partners, from pole to pole, across oceans and continents. OneWeb is committed to the responsible use of Space and sustainable practices on Earth, to bridge the digital divide and to serve communities currently denied schooling, health, and online government services. 6G 4. Ofcom has identified 6G as a next-generation technology to monitor and influence, and notes that there has been interest in the 7-20GHz range for 6G by some in the mobile industry (*page 39*). 5. Before considering any additional International Mobile Telecommunications (IMT) frequencies, it is essential that the mobile industry demonstrates more efficient use of those IMT frequencies already identified. WRC-19 identified a total of 17.5 GHz bandwidth for IMT and only a handful of countries have used it for 5G as of today; for those that have, only a very small portion of it has been licensed. It should also be noted that consideration of 7-24 GHz for IMT was not included in WRC-19 IMT Agenda items 1.13 because Administrations

	recognised that these bands have many concurrent users, and new IMT identification would not be possible. 6. Further, a large proportion of rural populations still do not have access to reliable 4G coverage, and 5G coverage is limited to urban centres. Concentrating effort and investment into 6G will only widen the urban/rural digital divide. It should therefore be the focus of Ofcom – and other policy/decision makers – to facilitate those technologies that can demonstrably bring connectivity to rural areas and promote digital inclusion. This includes satellite – such as Low Earth Orbit systems – which need to have long term certainty regarding access to harmonised spectrum. Any move to reallocate spectrum to mobile (despite clear oversupply) can only jeopardise investment and development in existing and new satellite capabilities. **May 2022**

Please complete this form in full and return to spectrum.roadmap@ofcom.org.uk.