

## Anticipated effects on human health of 5G technology:

A joint position statement from Public Health Services and the Office of Environmental Health and Pollution Regulation

In anticipation of the possible introduction of 5G technology to Guernsey, staff working across Public Health Services and the Office of Environmental Health and Pollution Regulation have clarified the relevant regulatory mechanisms in place locally and have reviewed published research from reputable sources to assess the likely effects of 5G on human and Environmental Health. This has included detailed review of specific concerns raised by individual correspondents during 2019.

Currently we feel there is insufficient evidence of adverse health or environmental effects of electromagnetic field (EMF) radiation connected to the use of 5G frequencies. Therefore there is no indication to impose tougher restrictions than are currently in place. However this is a topic that we will continue to monitor and keep under review as new evidence emerges or as guidance is updated.

Local monitoring and regulation of energy emissions from mobile telephone masts is currently carried out through the independent regulator, CICRA. Our teams have established a good channel of communication with the regulator to ensure we have a mutual understanding of the routine monitoring procedures that are currently in place for 4G technologies and how these would change in the event that 5G was introduced. We are satisfied that this is a robust monitoring process that conforms to international standards.