

Reference: 02082220

Information Requests
information.requests@ofcom.org.uk

22 October 2025

Freedom of Information request: Right to know request

Thank you for your request for information concerning satellite related exposure to unsafe levels of EMF.

Your request was received on 22 September 2025. We sought clarification of your request on 22 September 2025 and you responded with clarification on 24 September 2025. We have considered your request under the Freedom of Information Act 2000 (“the FOI Act”) and the Environmental Information Regulations 2004 (the “EIR”).

Your request & our response

1. Satellite Activity Data

For the period between [insert start date] and [insert end date], please provide:

- Satellite pointing or targeting data (azimuth, elevation, beam footprint) for any satellites operating near the following addresses:

- [REDACTED], Greenock, Scotland*
- [REDACTED], Greenock, Scotland*
- [REDACTED], Greenock, Scotland*

- Any records of satellite-based transmissions directed toward or passing over these locations.

Clarified as:

1 October 2024 to present (24 September 2025). I have documented specific times where I was exposed to unsafe levels of electromagnetic frequency, sometimes including radiofrequency, that cannot be explained by faulty wiring or household appliances: [REDACTED] - Saturday 16 August 2025 06:58 Monday 18 August 2025 09:19 Monday 18 August 2025 11:30 Monday 18 August 2025 13:38 Wednesday 20 August 2025 17:04 Friday 22 August 2025 04:54 [REDACTED] - Sunday 24 August 2025 11:09 Monday 1 September 2025 10:28 Sunday 7 September 2025 13:21 Sunday 7 September 2025 21:24 Friday 12 September 2025 10:44

Ofcom does not hold this information.

It may be helpful for me to provide some background on our role in relation to radio spectrum and electromagnetic fields (EMF). Ofcom is not a public health body and does not have medical or health expertise. We do not hold any studies relating to potential health risks of EMF exposure.

In the UK, the UK Health Security Agency (UKHSA) takes the lead on public health matters associated with EMF and has a statutory duty to provide advice to Government on any health effects that may be caused by exposure to EMF. UKHSA publishes information on the possible health effects of EMF exposure on its [website](#).

UKHSA's main [advice](#) is that EMF levels should comply with the internationally agreed levels in the [ICNIRP Guidelines](#). These Guidelines cover frequencies between 100 kHz and 300 GHz and therefore cover all current and planned future use for mobile telecommunications in the UK (including satellite communications).

Published advice from UKHSA and other internationally recognised health bodies including the World Health Organisation (WHO) and the International Commission for Non-Ionizing Radiation Protection (ICNIRP) support the view that EMF exposure below the limits recommended in the [ICNIRP Guidelines](#) do not appear to have any known consequence on health.

Ofcom's role is to authorise and manage the use of the radio spectrum in the UK, including the spectrum used for satellite communications which provide services in the UK. We issue licences and set conditions for the use of spectrum without a licence. Further information on our role in relation to EMF is available on our [website](#) (see also our [General EMF queries](#)).

In relation to EMF exposure from satellites, you may find it useful to know that satellite-based transmissions, due to their high altitude and distance from the Earth's surface, typically result in significantly lower EMF exposure levels compared to many ground-based sources.

2. Frequency Transmission Records

- Details of transmitted frequencies (including modulation type and power levels) from satellites operating in proximity to the above addresses.

- Any known testing, deployment, or experimental use of frequencies associated with neurostimulation, telemetry, or directed EMF technologies.

Ofcom does not hold this information.

3. Access and Usage Logs

- A list of companies, subcontractors, or individuals who accessed or operated satellites transmitting over these areas during the specified timeframe.

- Any known affiliations with defence, academic, or commercial entities involved in EMF-related research or applications.

Ofcom does not hold this information.

4. Safety Assessments and Incident Reports

- Any internal assessments, risk models, or incident reports concerning EMF exposure linked to satellite activity in the Greenock area.

- Any correspondence or documentation regarding public health implications of satellite-linked EMF emissions.

Ofcom does not hold this information.

If you have any further queries, then please send them to information.requests@ofcom.org.uk – quoting the reference number above in any future communications.

Yours sincerely,

Information Requests

Request an internal review

If you are unhappy with the response you have received to your request for information, or think that your request was refused without a reason valid under the law, you may ask for an internal review. If you do, it will be subject to an independent review within Ofcom. We will either uphold the original decision, or reverse or modify it.

If you would like to ask us to carry out an internal review, you should get in touch within two months of the date of this letter. There is no statutory deadline for us to complete our internal review, and the time it takes will depend on the complexity of the request. But we will try to complete the review within 20 working days (or no more than 40 working days in exceptional cases) and keep you informed of our progress. Please email the Information Requests team (information.requests@ofcom.org.uk) to request an internal review.

Taking it further

If you are unhappy with the outcome of our internal review, then you have the right to [complain to the Information Commissioner's Office](#).