

Reference: 02123667

Information Requests
information.requests@ofcom.org.uk

9 February 2026

Dear,

Freedom of Information request: Right to know request

Thank you for your request for information concerning unlicensed microwave transmissions & rogue antennas.

We received this request on 22 December 2025 and we have considered your request under the Freedom of Information Act 2000 (“the FOI Act”).

On 12 January 2026 we requested clarification of your request to which you responded on 20 January 2026.

Your request & our response

Clarified request:

I confirm the date range 1 January 2023 to present applies to all questions.

1. Reports of unlicensed high-power microwave/RF transmissions (2.4–5.8 GHz or cellular bands) in residential areas of TW5.

- ***Specifically: Any interference complaints, investigations, site visits, enforcement actions, or correspondence involving residential rooftop devices described as “phone boosters”, “WiFi extenders”, “signal boosters” or similar antennas that were alleged to exceed permitted power levels for RLAN (e.g. above 100mW EIRP in 5 GHz) or to cause harmful interference.***

We can confirm that there were no reports of such activity in the TW5 postcode within the 2023 - 2025 period.

2. Investigations into rooftop “phone boosters” exceeding power limits

- ***Any records of complaints, site visits, or enforcement actions for devices on residential rooftops operating above permitted power levels, including any harmful interference cases.***

We can confirm that there were no reports of this activity in the TW5 postcode within the 2023 -2025 period.

3. Spectrum monitoring data for the Hounslow TW5 postcode.

- ***Monitoring related to RLAN interference or unlicensed transmissions in TW5 postcode (2023–present), including any direction-finding or measurement data from harmful interference complaints.***

In TW5, in the time period specified, there were three relevant cases:-

- 1. Ofcom regularly carries out proactive inspections of RLAN equipment. There was one proactive inspection of an RLAN however no issues were found.*
- 2. There were two reactive cases, which come from stakeholder complaints, where interference from an RLAN device was alleged. However, in both cases an Ofcom engineer attended, and following monitoring, found no issues present.*
- 3. Regarding direction finding data we do not hold this. Measurements are taken at the source of the complaint or inspection. However as can be seen above no harmful levels were found.*

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](#).