



NEWS RELEASE

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Annual audit confirms Jersey mobile mast emissions remain within safe levels, including new 5G sites

The 2025 independent audit of Jersey’s mobile mast infrastructure re-affirms that emissions remain well within internationally recognised safe levels for the general public. The annual audit, commissioned by the Jersey Competition Regulatory Authority (the JCRA), was carried out by independent experts during September.

20 sites were tested, covering masts in a mix of urban and rural locations. Of these, 13 were sites where 5G services have been newly deployed for public use. All were found to be well within the safe limits for the public as set out in guidance which is published by the International Commission for Non-Ionising Radiation Protection (ICNIRP).

Robin Hogge, Technical Case Officer, said “We are pleased to report continued safe emissions for another year. The inclusion of 5G masts in the testing for the first time marks an important step in demonstrating that our most current technology meets established standards. This audit is a vital demonstration of our commitment to ensure that Jersey’s telecoms sector is safe and well regulated.”

The JCRA thanks all operators for their continued positive engagement and cooperation with these important audits. In 2026, with the expected broader rollout of 5G services, the JCRA will carry out a wider set of testing, with the aim to retest all sites in the Island in the coming years.

The executive summary for this years mast audit can be found on the JCRA's website, with the individual site reports available at: <https://www.jcra.je/telecoms-masts/>.

Ends

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NOTES TO EDITORS:

About the Mast Audit testing and reports

The full reports are accessible using an interactive map at <https://mastaudits.jcra.je/>. Testing is carried out annually by independent experts, Freshwave, who are specialists in mobile mast technology and infrastructure.

About The Jersey Competition Regulatory Authority:

The JCRA was established under the Competition Regulatory Authority (Jersey) Law 2001. It is responsible for administering and enforcing the Competition (Jersey) Law 2005 and also regulates the telecoms and postal sectors and the Ports of Jersey.

The JCRA strives to ensure that the markets work well for the benefit of all stakeholders, including Government, business, citizens and consumers facilitating best value, choice and access to high quality services.

About the International Commission for Non-Ionising Radiation Protection

ICNIRP emission standards are endorsed by the World Health Organisation and are used within the EU and other regions as a benchmark against which to measure the safety of radio-frequency emissions.