



# JAHARP2021-05

WLAN 5 GHz products

Brussels, 29 November 2024

## Final Press Release

### Results of the Joint Action

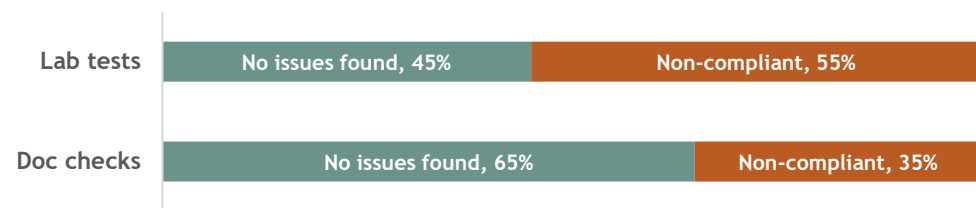
Six MSAs from the EU and Switzerland were involved in the JAHARP2021-05 Joint Action on WLAN 5 GHz and checked the compliance status of 5 GHz routers, wireless network access points and modems against the essential requirements of the Radio Equipment Directive 2014/53/EU (RED).

**A non-compliance rate of 35% was found during the documentation checks**, with significant challenges faced in securing documentation from Economic Operators.

The Joint Action discovered that test costs were significantly higher than expected. As a solution, a smart testing programme was developed to reduce the testing burden and expenses for some of the RED parameters, providing still a satisfactory indication of the compliance status of the selected products.

Of the 30 product models sent for testing, 1 of them could not be tested due to a lack of information from the manufacturer, 14 passed and 16 failed, with an **indicative non-compliance rate of 55%**.

Products mainly failed on Dynamic Frequency Selection (DFS) parameters including DFS: In service Monitoring, DFS: Channel shutdown, DFS: Non-occupancy period, DFS: Channel Availability Check (CAC) and DFS: CAC - Radar Detection Threshold Level.



Notably, for some samples, the Joint Action faced obstacles in executing specific aspects of the test programme. These challenges originated from the difficulty in obtaining essential parameters from the manufacturers, the former being critical for the comprehensive performance of the tests. This issue is increasingly recurring and calls for a broader reflection across several other sectors, beyond just the RED.

### Final Conference

A final conference was held on 27 November 2024 to present the findings to stakeholders in the field of RED. The experience gained allowed for the formulation of several policy and non-policy recommendations, such as the need to:

- Investigate the complexity of the wording and cross-references within EN 301 893 v2.1.1, avoiding a situation in which accredited laboratories and manufacturers of radio equipment will have a different interpretation of certain clauses of the standard.
- Increase the awareness of manufacturers on their obligations, on the importance of risk assessment and on the value of cooperation with MSAs.
- Ensure that MSAs can identify appropriate contacts within Economic Operators to guarantee that the necessary documentation is provided.

#### EU LEGISLATION

Radio Equipment Directive  
2014/53/EU

#### KEY TAKE-AWAYS

JAHARP2021 Omnibus consists of 7 coordinated product compliance verification activities + 3 horizontal activities running until November 2024.

#### KEY EXPECTED OUTCOMES

Noncompliant products removed from the EU market, level playing field for all market actors.

Better, more harmonised market surveillance, next to new skills and new knowledge for the EU MSAs.

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#JAHARP2021  
#ProductSafety

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