

Second Newsletter JAHARP2021-06

WHAT IS THE STATUS OF NON-COMPLIANCE OF RADIO EQUIPMENT IN CARS?

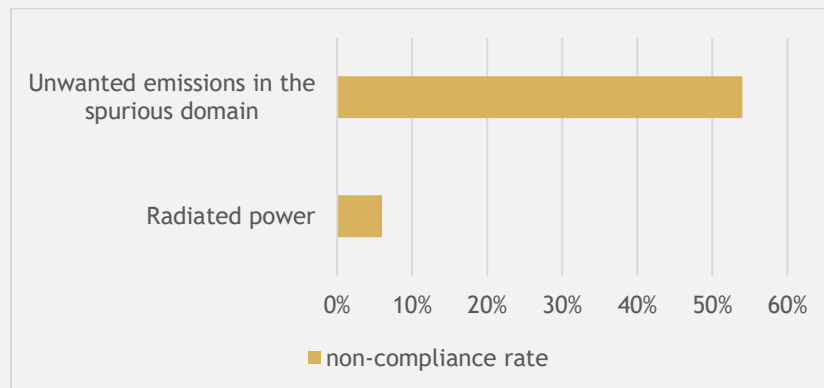
ABOUT THE PROJECT

The [JAHARP2021-06](#) Project is a pan-European project which started in August 2022 and is now reaching its completion. This project falls within the scope of the Radio Equipment Directive 2014/53/EU (RED).

KEY FINDINGS

After a thorough market and risk analysis, the project group identified **50 aftermarket radio equipment products** for documentation checks and for testing in an accredited laboratory. Products included *tyre pressure sensors, FM transmitters, dash/rear view cameras, Bluetooth hands free kits, and media players.*

The main areas of non-compliance observed in product testing concerned **radiated power (6%)** and **unwanted emissions in the spurious domain (54%)**. In each case, several limits across the applied frequency range were exceeded.



Market Surveillance Cycle



PARTICIPATING AUTHORITIES

7 Market Surveillance Authorities from the following 7 Countries have participated in this Joint Action coordinated by [PROSAFE](#): Cyprus, Germany, Greece, Latvia, the Netherlands, Romania, and Switzerland (outside the framework of the Grant Agreement).

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The participating authorities are currently discussing the evaluation of the potential hazards around harmful interference, due to the high non-compliance rate revealed by the tests on a wide range of radio equipment products. Many of the MSAs are now embarking on enforcement actions and applying restrictive measures, they will also review the results of the documentation checks previously conducted.

MAIN CHALLENGES

This is **the first time that after-market radio equipment products have been targeted**.

The project noted that current regulations in the vehicle field, such as Regulation (EU) 2018/858, do not cover the requirement in Radio Equipment Directive 2014/53/EU, Article 3(2), for radio modules to support the **efficient use of the radio spectrum in order to avoid harmful interference**. This poses a challenge for the participating authorities in the risk evaluation phase, given that the project's scope fell only under the RED Directive and the laboratory tests were, therefore, carried out from a unidimensional perspective, instead of in a holistic manner, involving other legislations applicable to the same product.

RECOMMENDATIONS

Building on previous testing experience within the MSAs involved in JAHARP2021-06 which highlighted Electromagnetic Compatibility (EMC) nonconformities for radio equipment when installed in a vehicle, the project group recognizes the **need for a future project involving both RED and EMC testing**.

In addition, there are serious risks associated with radio equipment, as the malfunctioning of these products can cause harm to people and to society as a whole, given that the defense sector could also be affected. Therefore, the project has revealed the need for a **common risk assessment method** among MSAs for evaluating nonconformities relating to radio equipment.

Furthermore, the targeted and limited nature of the product testing for market surveillance purposes has emphasized **the importance of technical discussions among the European MSAs and with the selected testing laboratory(s)**.

Finally, this Joint Action addressed the need for harmonization of market surveillance methodologies, through the encouragement of discussions and collaboration among national authorities. Nonetheless, as mentioned before, this was the first Joint Action focused on after-market radio equipment products, and we believe that there is still the **need for further harmonization** among MSAs in this field.

FINAL CONFERENCE

The final conference of the project will take place online on 30 September 2024. The key results will be shared and discussed with the European Commission and stakeholders. If you are interested, you can join the conference at this [link](#).

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