

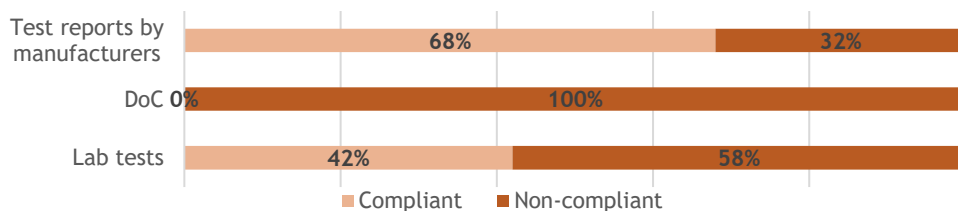
JAHARP 2021-06

Radio Equipment in cars

Brussels, 30 September 2024

Final Press Release Results of the Joint Action

The project participants selected **50 aftermarket radio equipment products** including FM transmitters, dash/rear view cameras, and Bluetooth enabled hands free kits and media players. Product testing performed by a single ISO/IEC 17025 accredited testing laboratory revealed **nonconformities for 29 (58%) of the 50 products**. The documentary checks carried out by the MSAs concerned test reports provided by manufacturers and the EU declaration of conformity (DoC). While some documentation is still under review, the current **nonconformity rate for DoC's is 100%**, and for test reports provided by manufacturers is **32%**.



Most of the product testing nonconformities concerned **unwanted emissions in the spurious domain**. The hazards associated with such harmful interference affects persons and society generally. In each case several limits across the applied frequency range were exceeded.

While a measurement result of 6 dB below a limit may be a low risk for persons, it can pose a **high risk in state defence circumstances**. Such considerations are complex and several of the participating authorities are in discussions with economic operators as part of the follow-up activity in the project.

Final Conference

The final conference was held online on **30 September 2024**. Several stakeholders attended, including representatives from the European Commission, the European Innovation Council and SMEs Executive Agency (EISMEA) and the Radio Equipment Directive Compliance Association (REDCA). The Project Leader explained the testing results at length including the impact, opportunities and lessons learned.

This is **the first time that radio equipment in cars has been targeted**. The MSAs found that the overall situation in the market is quite concerning, with over half of the 50 tested products failing the test programme.

Nonetheless, the project contributed to a productive exchange of knowledge and experience which lay a fruitful foundation for future projects in this sector.

In addition, the participants identified areas in the Bluetooth product standard that need further consideration, and recommendations will be shared with the standardisation committees.

There is also a need to **develop a common approach for evaluating nonconformities** relating to radio equipment, and a wider Joint Action covering EMC testing aspects is recommended.

EU LEGISLATION IN SCOPE

Radio Equipment Directive
2014/53/EU

KEY TAKE-AWAYS

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

KEY EXPECTED OUTCOMES

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

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


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