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Use Cases for dynamic equipment reconfiguration

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Foreword

This Technical Report (TR) has been produced by ETSI Technical Committee Reconfigurable Radio Systems (RRS).

1 Scope

The present document outlines the Use Cases which are related to the introduction of mechanisms to enable, for reconfigurable radio systems, the dynamic reconfiguration of equipment and its continuing conformity with the applicable legislation**.**

These Use Cases involve the dynamic reconfiguration of reconfigurable radio equipment after its initial certification and deployment. Such post-deployment reconfiguration will ensure the continued conformity in the new configuration to the applicable legislation. In some Use Cases, new mechanisms that enable reconfigurable devices to have their declaration of conformity dynamically verified may be introduced.

The present document also addresses the outcome of previous work such as that carried out in Europe by the Telecommunications Conformity Assessment and Market Surveillance Committee (TCAM) as a result of the Report drafted by its ad-hoc group on Software Defined Radio.

While the Use Cases presented in the present document are designed to support the novel radio reconfiguration features of the R&TTE Directive [i.2] that is applicable in Europe, the principles and the Use Cases outlined here are not limited to Europe and may also be appropriate for other regions.

2 References

References are either specific (identified by date of publication and/or edition number or version number) or non-specific. For specific references, only the cited version applies. For non-specific references, the latest version of the referenced document (including any amendments) applies.

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2.1 Normative references

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Not applicable.

2.2 Informative references

The following referenced documents are not necessary for the application of the present document but they assist the user with regard to a particular subject area.

[i.1] Report Recommendation ITU-R SM.2152: "Definitions of Software Defined Radio (SDR) and Cognitive Radio System (CRS"), 2009.

[i.2] Directive 1999/5/EC of the European Parliament and of the Council of 9 March 1999 on radio equipment and telecommunications terminal equipment and the mutual recognition of their conformity.