

Comments on ECC Deliverable “Draft ECC Recommendation (24)01 Receiver resilience to transmission on adjacent frequency ranges”

1 Source

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2 General Comments

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The European Utilities Telecoms Council (EUTC) represents European electricity and gas generation, transmission and distribution companies, together with a number of vendors supporting this market together with water utilities. As utilities around the world seek to support the UN Climate Goals to reduce the emissions of harmful greenhouse gases and plan to mitigate the effects of climate change on energy network, it is essential to improve the monitoring and control of the energy networks. Environmental goals and sustainability are major considerations for both energy and water utilities.

Although receiver resilience is very important for radio devices used to monitor and control utility networks and infrastructure, we have some basic concerns around Recommendation (24)01:

- The document is overly complex and therefore difficult to interpret.
- In some cases, it provides alternative options for demonstrating compliance which may cause an undesirable situation where a product complies with one of the test methods, but fails the alternative.
- In some cases, an inference test signal of 5MHz bandwidth is specified. Whilst this may be appropriate at higher frequencies, it appears unrealistic for VHF (Very High Frequency) devices often deployed in utility networks.
- Although improvements in receiver performance are warmly welcomed, a balance must be obtained between minimum performance standards, cost and power consumption (especially for battery powered devices) and especially when addressing the Short Range Devices (SRD) market.

3 Proposals related to the ECC Deliverables

No specific Drafting changes are recommended.

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