**3GPP TSG-RAN WG4 Meeting #102-e *R4-22xxxxx***

**Electronic Meeting, 21 February – 3 March, 2022**

**Source:** Ericsson

**Title:** WF on LS response to ITU-R on Generic unwanted emission (IMT-2020)

**Agenda item:** 7.1

**Document for:** Approval

# Introduction

This WF addresses how to develop an response to the LS from ITU-R WP5D for providing input on two noew recommendations for “Generic unwanted emission characteristics of base stations using the terrestrial radio interfaces of IMT-2020.

# Developing an LS response

The following way-forward is proposed:

1. RAN4 will work on the response until RAN4#104 in August and submit the result to TSG RAN#97, targeting an input to WP 5D#42 in October 2022.
2. The response should only cover 5G NR aspects (38-series), while we will reference the legacy recommendations for LTE and MSR BS aspects.
3. A work split is arranged to share the burden between multiple contributing companies.

The work should be coordinated with RAN5.

# Work split

The following companies have shown interest in participating in developing the response in RAN4:

* Ericsson
* [Qualcomm]
* [Huawei]
* [ZTE]
* [Nokia]

The exact work split will be determined offline.

# Proposal

It is proposed that the Way forward for developing an LS response and work split given above is approved..

# References

1. [R4-2119596](http://www.3gpp.org/ftp//tsg_ran/WG4_Radio/TSGR4_101-e/Docs//R4-2119596.zip), “ITU-R Working Party 5D work towards two new recommendations "Generic unwanted emission characteristics of base stations using the terrestrial radio interfaces of IMT-2020" and "Generic unwanted emission characteristics of mobile stations using the terrestrial radio interfaces of IMT-2020" (ITU-R WP5D).
2. [R4-2203621](http://www.3gpp.org/ftp//tsg_ran/WG4_Radio/TSGR4_101-bis-e/Docs//R4-2203621.zip), "On the LS response to ITU-R on Generic unwanted emission (IMT-2020)" (Ericsson).
3. [R4-2203622](http://www.3gpp.org/ftp//tsg_ran/WG4_Radio/TSGR4_101-bis-e/Docs//R4-2203622.zip), "Progress report from ITU-R WP5D (7-23 February) on unwanted emissions" (Ericsson).
4. [R4-2207149](http://www.3gpp.org/ftp//tsg_ran/WG4_Radio/TSGR4_101-bis-e/Docs//R4-2207149.zip), "Email discussion summary for [102-e][315] LS\_Response\_ITU-R" (Moderator (Ericsson)).