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

**Electronic Meeting, 21th Feb - 3rd March 2022**

**Agenda item:** 9.40

**Source:** Moderator (OPPO)

**Title:** Email discussion summary for [102-e][121] NR\_4Rx\_Bn8\_FWA

**Document for:** Information

# Introduction

This summary covers the papers submitted in agenda 9.40.

# Topic #1:ΔRIB,4R for n8

## Companies’ contributions summary

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| --- | --- | --- |
| **T-doc number** | **Company** | **Proposals / Observations** |
| R4-2204048 | CHTTL, China Unicom, ZTE, SGS Wireless | CR for 4 Rx antenna ports support of band n8 |

## CR comments collection

|  |  |
| --- | --- |
| **CR/TP number** | **Comments collection** |
| R4-2204048 | CR for 4 Rx antenna ports support of band n8 |
| ZTE: Agree with the CR. |

## Summary for 1st round

# Topic #2: Release independent

## Companies’ contributions summary

|  |  |  |
| --- | --- | --- |
| **T-doc number** | **Company** | **Proposals / Observations** |
| R4-2204049 | CHTTL, China Unicom, ZTE | Proposal 1: Considering the 4Rx feature is introduced in some of the FR1 NR bands in Rel.15, and following the agreed procedure for introducing release independent features, the changes for release independent aspect of NR 4Rx feature will be introduced from the Rel.15 TS 38.307 specification.  Proposal 2: Agree on the related draft CRs, R4-2204050, R4-2204051, and R4-2204052 for TS 38.307. |
| R4-2204050 | CHTTL, China Unicom, ZTE | draft CR for release independent for 4Rx support for NR band |
| R4-2204051 | CHTTL, China Unicom, ZTE | draft CR for release independent for 4Rx support for NR band |
| R4-2204052 | CHTTL, China Unicom, ZTE | draft CR for release independent for 4Rx support for NR band |

## Open issues summary

**Issue 1: Is below proposal acceptable for 4Rx release independent?**

Proposal 1: Considering the 4Rx feature is introduced in some of the FR1 NR bands in Rel.15, and following the agreed procedure for introducing release independent features, the changes for release independent aspect of NR 4Rx feature will be introduced from the Rel.15 TS 38.307 specification.

* Option 1: Yes
* Option 2: No

|  |  |
| --- | --- |
| **Company** | **Comments** |
| ZTE | Option 1: Yes |
| HW | There is discussion in email thread [101] sub-topic 2-1 on how to capture the procedure. One option is that if the RF feature is introduced in the same release as the release which the feature is independent from, the common RF requirement table in 38.307 is specified from release N+1.  If the option is agreed by RAN4 then at least R15 CR is not needed for 4Rx release independent information. |

## CR comments collection

|  |  |
| --- | --- |
| **CR/TP number** | **Comments collection** |
| R4-2204050 | draft CR for release independent for 4Rx support for NR band  Note: R15 |
| ZTE: Agree |
| HW: Whether R15 CR is needed depends on discussion in email thread [101]. |
| R4-2204051 | draft CR for release independent for 4Rx support for NR band  Note: R16 |
| ZTE: Agree |
| HW: The R16 CR is useful but seems applicable for R16 bands rather than band n8. Is R16 maintenance AI a better place? |
| R4-2204052 | draft CR for release independent for 4Rx support for NR band  Note: R17 |
| ZTE: Agree |
| HW: Agree |

## Summary for 1st round

# Annex

Contact information

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Note:

1. Please add your contact information in above table once you make comments on this email thread.
2. If multiple delegates from the same company make comments on single email thread, please add you name as suffix after company name when make comments i.e. Company A (XX, XX)