3GPP TSG-RAN WG4 Meeting #97-e draft R4-2017418

Electronic Meeting, 2 – 13 November 2020

**Agenda item:** 7.5.4

**Source:** Moderator (Ericsson)

**Title:** Email discussion summary for [97e][320] MR\_DC\_Demod

**Document for:** Information

# Introduction

This email discussion discusses the scope of UE demodulation and CSI reporting requirements for Rel-16 WI Multi-RAT Dual-Connectivity and Carrier Aggregation enhancements (LTE, NR).

Candidates target of email discussion for 1st round and 2nd round:

* 1st round:
  + Identify the UE performance impact due to Rel-16 WI Multi-RAT Dual-Connectivity and Carrier Aggregation enhancements (LTE, NR)
* 2nd round:
  + Agree with the scope of UE demodulation and CSI reporting requirements with Rel-16 WI Multi-RAT Dual-Connectivity and Carrier Aggregation enhancements (LTE, NR)

# Topic #1: Scope of UE demodulation and CSI reporting requirements

## Companies’ contributions summary

|  |  |  |
| --- | --- | --- |
| **T-doc number** | **Company** | **Proposals / Observations** |
| R4-2015594 | Huawei, HiSilicon | Proposal 1: Do not introduce any performance requirements for Multi-RAT Dual-Connectivity and Carrier Aggregation enhancements. |
| R4-2015815 | Ericsson | Proposal: No UE demodulation and CSI reporting requirements are defined due to WI on MR-DC and CA enhancements. |

## Open issues summary

### Sub-topic 1-1

**Issue 1-1: Whether to introduce UE demodulation and CSI reporting requirements due to WI on MR-DC and CA enhancements**

* Proposals
  + Option 1: Not introduce any performance requirements (Huawei, Ericsson)
  + Option 2:
* Recommended WF
  + Not introduce any performance requirements due to WI on MR-DC and CA enhancements.

## Companies views’ collection for 1st round

### Open issues

|  |  |
| --- | --- |
| **Company** | **Comments** |
| XXX | Sub topic 1-1: |

### CRs/TPs comments collection

*Major close-to-finalize WIs and Rel-15 maintenance, comments collections can be arranged for TPs and CRs. For Rel-16 on-going WIs, suggest to focus on open issues discussion on 1st round.*

|  |  |
| --- | --- |
| **CR/TP number** | **Comments collection** |
| XXX | Company A |
| Company B |
|  |
| YYY | Company A |
| Company B |
|  |

## Summary for 1st round

### Open issues

*Moderator tries to summarize discussion status for 1st round, list all the identified open issues and tentative agreements or candidate options and suggestion for 2nd round i.e. WF assignment.*

|  |  |
| --- | --- |
|  | **Status summary** |
| **Sub-topic#1** | *Tentative agreements:*  *Candidate options:*  *Recommendations for 2nd round:* |

*Recommendations on WF/LS assignment*

|  |  |  |
| --- | --- | --- |
|  | **WF/LS t-doc Title** | **Assigned Company,**  **WF or LS lead** |
| #1 |  |  |

### CRs/TPs

*Moderator tries to summarize discussion status for 1st round and provides recommendation on CRs/TPs Status update*

|  |  |
| --- | --- |
| **CR/TP number** | **CRs/TPs Status update recommendation** |
| XXX | *Based on 1st round of comments collection, moderator can recommend the next steps such as “agreeable”, “to be revised”* |

## Discussion on 2nd round (if applicable)

## Summary on 2nd round (if applicable)

*Moderator tries to summarize discussion status for 2nd round and provided recommendation on CRs/TPs/WFs/LSs Status update suggestion*

|  |  |
| --- | --- |
| **CR/TP/LS/WF number** | **T-doc Status update recommendation** |
| XXX | *Based on 2nd round of comments collection, moderator can recommend the next steps such as “agreeable”, “to be revised”* |