3GPP TSG-RAN WG2 #114-e electronic R2-210xxxx

Electronic Meeting, 19th – 27th May, 2021

Agenda Item: 6.1.4.0

Source: Intel Corporation

Title: [AT114-e][020][NR16] Summary of Control Plane IPA CRs and UE caps Misc Corrections (Intel)

Document for: Discussion, Decision

# 1 Introduction

This contribution summarizes the following discussion:

* [AT114-e][020][NR16] Control Plane IPA CRs and UE caps Misc Corrections (Intel)

 Scope: Treat R2-2104887, R2-2104890, R2-2104788, R2-2104839, R2-2104904, R2-2105104, R2-2105105, R2-2105144, R2-2105184, R2-2105372, R2-2105393, R2-2105417, R2-2105422, R2-2105527, R2-2105602, R2-2105605, R2-2105624, R2-2105732, R2-2106207, R2-2106208, R2-2106284, R2-2106448,

 Phase 1, For IPA CRs Confirm CRs or identify needed change. Other CRs determine agreeable parts, Phase 2, for IPA CR modifications, and new agreeable parts Work on CRs.

 Intended outcome: Report and Agreed CRs.

 Deadline:

§  Initial deadline for companies’ comments (Phase 1): **Friday May 21 1000 UTC**

§  Deadline for CR finalization (Phase 2): **Wednesday May 26 1200 UTC**

The following documents are treated in this discussion:

[R2-2104887](file:///D%3A%5CDocuments%5C3GPP%5Ctsg_ran%5CWG2%5CTSGR2_114-e%5CDocs%5CR2-2104887.zip) Miscellaneous corrections to Rel-16 UE capabilities Intel Corporation CR Rel-16 38.306 16.4.0 0541 2 F LTE\_NR\_DC\_CA\_enh-Core, NR\_unlic-Core, NR\_L1enh\_URLLC-Core, NR\_pos-Core, TEI16 R2-2104553

[R2-2104890](file:///D%3A%5CDocuments%5C3GPP%5Ctsg_ran%5CWG2%5CTSGR2_114-e%5CDocs%5CR2-2104890.zip) UE Feature list for NR Rel-16 Intel Corporation CR Rel-16 38.822 15.0.1 0004 2 B TEI16 R2-2104554

[R2-2104788](file:///D%3A%5CDocuments%5C3GPP%5Ctsg_ran%5CWG2%5CTSGR2_114-e%5CDocs%5CR2-2104788.zip) Corrections to UE action upon SIB1 reception Samsung Electronics Co., Ltd CR Rel-16 38.331 16.4.1 2475 2 F NR\_pos-Core, 5G\_V2X\_NRSL-Core R2-2104568

Moved Here

[R2-2104839](file:///D%3A%5CDocuments%5C3GPP%5Ctsg_ran%5CWG2%5CTSGR2_114-e%5CDocs%5CR2-2104839.zip) Correction on Capability of two PUCCH transmission OPPO CR Rel-16 38.306 16.4.0 0542 2 F NR\_L1enh\_URLLC-Core R2-2104569

[R2-2104904](file:///D%3A%5CDocuments%5C3GPP%5Ctsg_ran%5CWG2%5CTSGR2_114-e%5CDocs%5CR2-2104904.zip) Correction on repetition for L1-SINR vivo CR Rel-16 38.331 16.4.1 2586 - F NR\_eMIMO-Core

[R2-2105104](file:///D%3A%5CDocuments%5C3GPP%5Ctsg_ran%5CWG2%5CTSGR2_114-e%5CDocs%5CR2-2105104.zip) SSB-ToMeasure for NR-U Apple, Fujitsu, xiaomi, LG Electronics CR Rel-16 38.331 16.4.1 2600 - F NR\_unlic-Core

[R2-2105105](file:///D%3A%5CDocuments%5C3GPP%5Ctsg_ran%5CWG2%5CTSGR2_114-e%5CDocs%5CR2-2105105.zip) Inter-RAT RRM measurement on NR-U Apple, Fujitsu, xiaomi, LG Electronics CR Rel-16 36.331 16.4.0 4654 - F NR\_unlic-Core

[R2-2105144](file:///D%3A%5CDocuments%5C3GPP%5Ctsg_ran%5CWG2%5CTSGR2_114-e%5CDocs%5CR2-2105144.zip) Correction on T321 for autonomous gap based E-UTRAN CGI reporting ZTE Corporation, Sanechips CR Rel-16 38.331 16.4.1 2494 1 F NR\_RRM\_enh-Core R2-2103030

[R2-2105184](file:///D%3A%5CDocuments%5C3GPP%5Ctsg_ran%5CWG2%5CTSGR2_114-e%5CDocs%5CR2-2105184.zip) Correction on failureType in FailureReportSCG-EUTRA and scgFailureInfoEUTRA Huawei, HiSilicon, Ericsson CR Rel-16 38.331 16.4.1 2540 2 F NR\_newRAT-Core, NR\_unlic-Core R2-2104543

[R2-2105372](file:///D%3A%5CDocuments%5C3GPP%5Ctsg_ran%5CWG2%5CTSGR2_114-e%5CDocs%5CR2-2105372.zip) Correction on freqMonitorLocations ASUSTeK CR Rel-16 38.331 16.4.1 2508 1 F NR\_unlic-Core R2-2103449

[R2-2105393](file:///D%3A%5CDocuments%5C3GPP%5Ctsg_ran%5CWG2%5CTSGR2_114-e%5CDocs%5CR2-2105393.zip) Correction on description of ssb-PositionsInBurst in ServingCellConfigCommonSIB Fujitsu CR Rel-16 38.331 16.4.1 2505 2 F NR\_unlic-Core R2-2104605

[R2-2105417](file:///D%3A%5CDocuments%5C3GPP%5Ctsg_ran%5CWG2%5CTSGR2_114-e%5CDocs%5CR2-2105417.zip) Correction on description of subCarrierSpacing in BWP Fujitsu,Samsung CR Rel-16 38.331 16.4.1 2561 2 F NR\_unlic-Core R2-2104604

[R2-2105422](file:///D%3A%5CDocuments%5C3GPP%5Ctsg_ran%5CWG2%5CTSGR2_114-e%5CDocs%5CR2-2105422.zip) Correction on RNA configuration for UE in SNPN access mode Samsung Electronics Co., Ltd CR Rel-16 38.331 16.4.1 2626 - F NG\_RAN\_PRN-Core

[R2-2105527](file:///D%3A%5CDocuments%5C3GPP%5Ctsg_ran%5CWG2%5CTSGR2_114-e%5CDocs%5CR2-2105527.zip) CR on the missing definition of Available SNPN in TS 38.304 Huawei, HiSilicon CR Rel-16 38.304 16.4.0 0206 1 F NG\_RAN\_PRN-Core R2-2103168

[R2-2105602](file:///D%3A%5CDocuments%5C3GPP%5Ctsg_ran%5CWG2%5CTSGR2_114-e%5CDocs%5CR2-2105602.zip) IAB LTE changes Samsung Electronics GmbH CR Rel-16 36.331 16.4.0 4649 1 F NR\_IAB-Core R2-2104597

[R2-2105605](file:///D%3A%5CDocuments%5C3GPP%5Ctsg_ran%5CWG2%5CTSGR2_114-e%5CDocs%5CR2-2105605.zip) Clarification on the initiation of RNA update Huawei, HiSilicon CR Rel-16 38.331 16.4.1 2581 1 F NR\_newRAT-Core, TEI16 R2-2104621

[R2-2105624](file:///D%3A%5CDocuments%5C3GPP%5Ctsg_ran%5CWG2%5CTSGR2_114-e%5CDocs%5CR2-2105624.zip) Clarification on the initiation of RNA update Huawei, HiSilicon CR Rel-16 36.331 16.4.0 4651 1 F LTE\_5GCN\_connect-Core R2-2104620

[R2-2105732](file:///D%3A%5CDocuments%5C3GPP%5Ctsg_ran%5CWG2%5CTSGR2_114-e%5CDocs%5CR2-2105732.zip) Clarifications on the TRP definition for positioning Xiaomi Communications CR Rel-17 38.331 16.4.1 2644 - F NR\_pos-Core

[R2-2106207](file:///D%3A%5CDocuments%5C3GPP%5Ctsg_ran%5CWG2%5CTSGR2_114-e%5CDocs%5CR2-2106207.zip) Miscellaenous corrections on BH RLC channel management for IAB-MT Huawei, HiSilicon CR Rel-16 38.331 16.4.1 2557 2 F NR\_IAB-Core R2-2104562

[R2-2106208](file:///D%3A%5CDocuments%5C3GPP%5Ctsg_ran%5CWG2%5CTSGR2_114-e%5CDocs%5CR2-2106208.zip) Miscellaneous corrections on F1 over LTE for IAB Huawei, HiSilicon, Samsung CR Rel-16 36.331 16.4.0 4633 2 F NR\_IAB-Core R2-2104561

[R2-2106284](file:///D%3A%5CDocuments%5C3GPP%5Ctsg_ran%5CWG2%5CTSGR2_114-e%5CDocs%5CR2-2106284.zip) Correction on releasing referenceTimePreferenceReporting and sl-AssistanceConfigNR Google Inc. CR Rel-16 38.331 16.4.1 2562 1 F 5G\_V2X\_NRSL-Core, NR\_IIOT-Core R2-2104247

[R2-2106448](file:///D%3A%5CDocuments%5C3GPP%5Ctsg_ran%5CWG2%5CTSGR2_114-e%5CDocs%5CR2-2106448.zip) CR on the configuration restriction on DCI format 0\_2/1\_2 for unlicensed band (Option 1) OPPO, Samsung, Xiaomi, ZTE, Apple, Intel CR Rel-16 38.331 16.4.1 2502 1 F NR\_IIOT-Core, NR\_unlic-Core R2-2103209 Late

Contact person(s) for each participating company:

|  |  |
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| Company | Contact Name, Email |
| Intel | Seau.s.lim@intel.com |
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# 2 Discussion

## 2.1 Phase 1: Intended to determine agreeable parts

In this section, it is for the co-sourcing companies to comment on any change they have made to their IPA CRs in Section 1 and also for other companies to comment on any changes needed on the IPA CRs. For IPA CRs that are not mentioned by any companies, they will be assumed to be agreeable.

**Q1 Cosourcing companies comment on any changes have been made on the IPA CRs?**

|  |  |  |
| --- | --- | --- |
| **Company** | **Which CRs** | **What changes have been made?** |
| Intel | [R2-2104890](file:///D%3A%5CDocuments%5C3GPP%5Ctsg_ran%5CWG2%5CTSGR2_114-e%5CDocs%5CR2-2104890.zip) | The CR contains new changes based on the latest updated R1 and R4 feature list. This CR will be included in email disc [023] for further review. |
|  |  |  |
|  |  |  |

**Q2 Do other companies have any comments on the IPA CRs in Section 1 and propose any changes?**

|  |  |  |
| --- | --- | --- |
| **Company** | **Which CRs** | **What changes are required?** |
| Intel | [R2-2105732](file:///D%3A%5CDocuments%5C3GPP%5Ctsg_ran%5CWG2%5CTSGR2_114-e%5CDocs%5CR2-2105732.zip) | The CR number seems to have changed from 2560 revision 1 to 2644. I think the original CR number should be used and the revision no. should be 2. |
| Intel | [R2-2105104](file:///D%3A%5CDocuments%5C3GPP%5Ctsg_ran%5CWG2%5CTSGR2_114-e%5CDocs%5CR2-2105104.zip) | The previous CR number is 2575. Should keep to this CR no.and update revision no. to 1. |
| Intel | [R2-2105105](file:///D%3A%5CDocuments%5C3GPP%5Ctsg_ran%5CWG2%5CTSGR2_114-e%5CDocs%5CR2-2105105.zip) | The previous CR number is 4648. Should keep to this CR no.and update revision no. to 1. |
| Intel | [R2-2105422](file:///D%3A%5CDocuments%5C3GPP%5Ctsg_ran%5CWG2%5CTSGR2_114-e%5CDocs%5CR2-2105422.zip) | The previous CR number is 2570. Should keep to this CR no.and update revision no. to 1. |
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## 2.2 Phase 2: Intended to progress discussion on agreeable parts

- To be updated after discussion on Phase 1 -

# 3 Conclusion

- To be updated after discussion on Phase 1 -