3GPP TSG-RAN WG2 Meeting #112 Electronic R2-200xxxx

**Elbonia, 02 – 13 November 2020**

**Agenda item: 5.4.2**

**Source: Nokia, Nokia Shanghai Bell**

**Title: Summary of [AT112-e][010][NR15] LTE changes (Nokia)**

**Document for: Discussion and Decision**

1. Introduction

This is a summary of below offline discussion:

### 5.4.2 LTE changes related to NR

* [AT112-e][010][NR15] LTE changes (Nokia)

Treat R2-2009950, R2-2008823, R2-2008824, R2-2009946, R2-2010600, R2-2010601

 Intended outcome: Intermediate: Determine agreeable parts. Final: For agreeable parts, agreed CRs.

 Deadline: Intermediate deadline(s) by Rapporteur, Final: Discussion stop at Wed Nov 11, 1200 UTC

SIB19+ extension

[R2-2009950](file:///D%3A%5CDocuments%5C3GPP%5Ctsg_ran%5CWG2%5CTSGR2_112-e%5CDocs%5CR2-2009950.zip) Open issues on SIB extension correction Ericsson discussion Rel-15 NR\_newRAT-Core

* This discussion is already handled online by Chairman

256QAM

[R2-2008823](file:///D%3A%5CDocuments%5C3GPP%5Ctsg_ran%5CWG2%5CTSGR2_112-e%5CDocs%5CR2-2008823.zip) Clarification to usage of ul-256QAM-r15 Nokia, Nokia Shanghai Bell CR Rel-15 36.306 15.9.0 1787 - F NR\_newRAT-Core

[R2-2008824](file:///D%3A%5CDocuments%5C3GPP%5Ctsg_ran%5CWG2%5CTSGR2_112-e%5CDocs%5CR2-2008824.zip) Clarification to usage of ul-256QAM-r15 Nokia, Nokia Shanghai Bell CR Rel-16 36.306 16.2.0 1788 - A NR\_newRAT-Core

Cell Reselection

[R2-2009946](file:///D%3A%5CDocuments%5C3GPP%5Ctsg_ran%5CWG2%5CTSGR2_112-e%5CDocs%5CR2-2009946.zip) Clarification for the final check on cell selection criterion Ericsson, Qualcomm discussion Rel-15 NR\_newRAT-Core

SN Release

[R2-2010600](file:///D%3A%5CDocuments%5C3GPP%5Ctsg_ran%5CWG2%5CTSGR2_112-e%5CDocs%5CR2-2010600.zip) Correction on p-MaxEUTRA upon SN release ZTE Corporation, Sanechips CR Rel-15 36.331 15.11.0 4523 - F NR\_newRAT-Core

[R2-2010601](file:///D%3A%5CDocuments%5C3GPP%5Ctsg_ran%5CWG2%5CTSGR2_112-e%5CDocs%5CR2-2010601.zip) Correction on p-MaxEUTRA upon SN release ZTE Corporation, Sanechips CR Rel-16 36.331 16.2.1 4524 - A NR\_newRAT-Core

2. Discussions

## 2.1 Discussion on CRs R2-2009950

SIB19+ extension

[R2-2009950](file:///D%3A%5CDocuments%5C3GPP%5Ctsg_ran%5CWG2%5CTSGR2_112-e%5CDocs%5CR2-2009950.zip) Open issues on SIB extension correction Ericsson discussion Rel-15 NR\_newRAT-Core

* This discussion is already handled online by Chairman.

## 2.2 Discussion on CRs R2-2008823 and R2-2008824

The following documents are relevant for the discussion:

256QAM

[R2-2008823](file:///D%3A%5CDocuments%5C3GPP%5Ctsg_ran%5CWG2%5CTSGR2_112-e%5CDocs%5CR2-2008823.zip) Clarification to usage of ul-256QAM-r15 Nokia, Nokia Shanghai Bell CR Rel-15 36.306 15.9.0 1787 - F NR\_newRAT-Core

[R2-2008824](file:///D%3A%5CDocuments%5C3GPP%5Ctsg_ran%5CWG2%5CTSGR2_112-e%5CDocs%5CR2-2008824.zip) Clarification to usage of ul-256QAM-r15 Nokia, Nokia Shanghai Bell CR Rel-16 36.306 16.2.0 1788 - A NR\_newRAT-Core

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| --- | --- |
| Company | Comments |
| Nokia, Nokia Shanghai Bell | [Proponent] This seems to be missed and needs an alignment. |
| QCOM | Agree with Nokia, since the 36.331 has already captured this capability in the Feature Set per CC in R15. |

## 2.3 Discussion on CR [R2-2009946](file:///D%3A%5CDocuments%5C3GPP%5Ctsg_ran%5CWG2%5CTSGR2_112-e%5CDocs%5CR2-2009946.zip)

Cell Reselection

[R2-2009946](file:///D%3A%5CDocuments%5C3GPP%5Ctsg_ran%5CWG2%5CTSGR2_112-e%5CDocs%5CR2-2009946.zip) Clarification for the final check on cell selection criterion Ericsson, Qualcomm discussion Rel-15 NR\_newRAT-Core

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| --- | --- |
| Company | Comments |
| Nokia, Nokia Shanghai Bell | Question for clarification, is this a real issue in network from Rel-8? |
| QCOM | It’s a clarification to ensure a common understanding. It’s an expected behaviour by the UE when camping on the reselected target cell, to use the parameters configured by the target cell to do a final suitability check |

## 2.4 Discussion on CR [R2-2010600](file:///D%3A%5CDocuments%5C3GPP%5Ctsg_ran%5CWG2%5CTSGR2_112-e%5CDocs%5CR2-2010600.zip) and [R2-2010601](file:///D%3A%5CDocuments%5C3GPP%5Ctsg_ran%5CWG2%5CTSGR2_112-e%5CDocs%5CR2-2010601.zip)

SN Release

[R2-2010600](file:///D%3A%5CDocuments%5C3GPP%5Ctsg_ran%5CWG2%5CTSGR2_112-e%5CDocs%5CR2-2010600.zip) Correction on p-MaxEUTRA upon SN release ZTE Corporation, Sanechips CR Rel-15 36.331 15.11.0 4523 - F NR\_newRAT-Core

[R2-2010601](file:///D%3A%5CDocuments%5C3GPP%5Ctsg_ran%5CWG2%5CTSGR2_112-e%5CDocs%5CR2-2010601.zip) Correction on p-MaxEUTRA upon SN release ZTE Corporation, Sanechips CR Rel-16 36.331 16.2.1 4524 - A NR\_newRAT-Core

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| Company | Comments |
| Nokia, Nokia Shanghai Bell | We are not sure/remember in which meeting this was discussed but the decision was that this would be the assumption that the restriction of EN-DC is automatically removed due to SCG release. Could you please confirm? |
| QC | We agree with the concept, but not sure if this CR is needed, as it’s already clear that p-MaxEUTRA will be released when nr-Config = release is received. |

# 3. Conclusion

Summary to be provided at end of the discussion.