**3GPP TSG RAN Meeting #104 RP-24xxxx**

Shanghai, China, June 17-20, 2024

## Status Report to TSG

**Agenda item:** 9.5.1.3

|  |  |
| --- | --- |
| **WI / SI Name** | Rel-18 Dual Connectivity (DC) of x bands (x=3,4,5) LTE inter-band CA (xDL/1UL) and 1 NR band (1DL/1UL) |
| included in this status report | Study Item: No | Core part: Yes | Performance part:No | Testing part:No |
| **Acronym** | DC\_R18\_xBLTE\_1BNR\_yDL2UL |
| **Unique ID** | 961005 |
| **TSG Tdoc of latest approved WI/SI description (if any)** | RP-240384 |
| **Target Completion Date****(indicate if changed)** | Study Item: N/A | Core part:06/2024 | Performance part:N/A | Testing part: N/A |
| **Overall Completion level** | Study Item:  | Core part: 100% | Performance Part:  | Testing part:  |

Note: Overall completion level percentage numbers should use one of the colors below:

* xx%: Normal progress, no RAN plenary action needed
* xx%: Progress behind schedule, may need RAN plenary intervention. If so, SR should clearly define requested action
* xx%: Progress critically behind, RAN plenary shall intervene. SR should define requested action

**Source:**

|  |  |
| --- | --- |
| **Leading WG** | RAN WG4 |
| **Rapporteur** | **Name** | Johannes Hejselbaek |
| **Company** | Nokia |
| **Email** | johannes.hejselbaek@nokia.com |

## 1 Work plan related evaluation

|  |  |
| --- | --- |
| **Do you want to modify the time budget for this WI/SI compared to what was endorsed at the last RAN meeting?** | Yes |

*If you answered No: Then please remove the Excel file from the zip file of this status report.*

*If you answered Yes: Then please fill out the attached Excel template to request a modification of the time budgets for your WI /SI. The Excel table has to be filled out for all affected RAN WGs and up to the target date of the WI/SI. The basis are the endorsed time budgets of the last RAN meeting. Please highlight all changes of the values.
 One time unit (TU) corresponds to ~ 2 hours in the meeting.
 If this status report covers a WI with Core and Performance part, then please have one line for each in the attached Excel table.
 Note: If no Excel table is attached, then this means no time budget change.*

**Additional explanations/motivations for the time budget changes in the attached Excel table:**

## 2. Detailed progress in RAN WGs since last TSG meeting (for all involved WGs)

## 2.4 RAN4

#### 2.4.1 Agreements

Rel-18 big CR to TS38.101-3, as listed in clause 4, is agreed to include combinations according to the endorsed draft CRs.

Status updates for the requested combinations is found in the attached Excel. Incomplete combinations have been marked as stopped in revised WID listed in clause 4. The incomplete band combinations are intended added to a new Rel-19 WI.

#### 2.4.2 Remaining Open issues

None.

## 4. References

RAN#104:

RP-24xxxx SR for WI on DC of x bands LTE inter-band CA (x=3,4,5) and 1 NR band, Nokia

RP-24xxxx Revised Rel-18 WID on DC of x bands LTE inter-band CA (x=3,4,5) and 1 NR band, Nokia

RAN4#111:

R4-2409188 Revised Rel-18 WID on DC of x bands LTE inter-band CA (x=3,4,5) and 1 NR band, Nokia

R4-2409189 Big CR to introduce new combinations DC of x bands LTE inter-band CA (x345) and 1 NR band, Nokia

RAN4#110bis:

R4-2405035 Big draftCR to introduce new combinations DC of x bands LTE inter-band CA (x345) and 1 NR band, Nokia

RAN#103:

RP-240382 SR for WI on DC of x bands LTE inter-band CA (x=3,4,5) and 1 NR band, Nokia

RP-240383 Rel-18 Work Item Exception for WID on DC of x bands LTE inter-band CA (x=3,4,5) and 1 NR band, Nokia

RP-240384 Revised Rel-18 WID on DC of x bands LTE inter-band CA (x=3,4,5) and 1 NR band, Nokia

RAN4#110:

R4-2402070 Revised Rel-18 WID on DC of x bands LTE inter-band CA (x=3,4,5) and 1 NR band, Nokia

R4-2402071 Big CR to introduce new combinations DC of x bands LTE inter-band CA (x345) and 1 NR band, Nokia

RAN#102:

RP-233648 SR for WI on DC of x bands LTE inter-band CA (x=3,4,5) and 1 NR band, Nokia

RP-233649 Rel-18 Work Item Exception for WID on DC of x bands LTE inter-band CA (x=3,4,5) and 1 NR band, Nokia

RP-233988 Revised Rel-18 WID on DC of x bands LTE inter-band CA (x=3,4,5) and 1 NR band, Nokia

RAN4#109:

R4-2320018 Revised Rel-18 WID on DC of x bands LTE inter-band CA (x=3,4,5) and 1 NR band, Nokia

R4-2321931 Big CR to introduce new combinations DC of x bands LTE inter-band CA (x345) and 1 NR band, Nokia

RAN4#108bis:

R4-2316090 Big draftCR to introduce new combinations DC of x bands LTE inter-band CA (x345) and 1 NR band, Nokia

RAN#101:

RP-232248 Revised Rel-18 WID on DC of x bands LTE inter-band CA (x=3,4,5) and 1 NR band, Nokia

RP-232247 SR for WI on DC of x bands LTE inter-band CA (x=3,4,5) and 1 NR band, Nokia

RAN4#108:

R4-2313025 Revised Rel-18 WID on DC of x bands LTE inter-band CA (x=3,4,5) and 1 NR band, Nokia

R4-2313026 Big CR to introduce new combinations DC of x bands LTE inter-band CA (x345) and 1 NR band, Nokia

RAN#100:

RP-230985 Revised Rel-18 WID on DC of x bands LTE inter-band CA (x=3,4,5) and 1 NR band, Nokia

RP-230984 SR for WI on DC of x bands LTE inter-band CA (x=3,4,5) and 1 NR band, Nokia

RAN4#107:

R4-2308062 Revised Rel-18 WID on DC of x bands LTE inter-band CA (x=3,4,5) and 1 NR band, Nokia

R4-2308063 Big CR to introduce new combinations DC of x bands LTE inter-band CA (x345) and 1 NR band, Nokia

RAN#99:

RP-230090 Revised Rel-18 WID on DC of x bands LTE inter-band CA (x=3,4,5) and 1 NR band, Nokia

RP-230089 SR for WI on DC of x bands LTE inter-band CA (x=3,4,5) and 1 NR band, Nokia

RAN4#106:

R4-2301666 Revised Rel-18 WID on DC of x bands LTE inter-band CA (x=3,4,5) and 1 NR band, Nokia

R4-2303727 Big CR to introduce new combinations DC of x bands LTE inter-band CA (x345) and 1 NR band, Nokia

RAN#98e:

RP-222876 Revised Rel-18 WID on DC of x bands LTE inter-band CA (x=3,4,5) and 1 NR band, Nokia

RP-223476 SR for WI on DC of x bands LTE inter-band CA (x=3,4,5) and 1 NR band, Nokia

RAN4#105:

R4-2219077 Revised Rel-18 WID on DC of x bands LTE inter-band CA (x=3,4,5) and 1 NR band, Nokia

R4-2219078 Big draft CR to introduce new combinations DC of x bands LTE inter-band CA (x345) and 1 NR band, Nokia

R4-2219079 Big CR to introduce new combinations DC of x bands LTE inter-band CA (x345) and 1 NR band, Nokia

RAN4#104bis-e:

R4-2216369 Big draft CR to introduce new combinations DC of x bands LTE inter-band CA (x345) and 1 NR band, Nokia

RAN#97e:

RP-222312 Revised Rel-18 WID on DC of x bands LTE inter-band CA (x=3,4,5) and 1 NR band, Nokia

RP-222311 SR for WI on DC of x bands LTE inter-band CA (x=3,4,5) and 1 NR band, Nokia

RAN4#104e:

R4-2213205 Revised Rel-18 WID on DC of x bands LTE inter-band CA (x=3,4,5) and 1 NR band, Nokia

R4-2213206 Big draft CR to introduce new combinations DC of x bands LTE inter-band CA (x345) and 1 NR band, Nokia

RAN#96e:

RP-221833 New Rel-18 WID on DC of x bands LTE inter-band CA (x=3,4,5) and 1 NR band, Nokia