3GPP TSG-RAN WG2 Meeting #121bis Draft\_R2-2304205
E-meeting, Apr. 17 – Apr. 26, 2023

Agenda Item: x.x

Source: Session Chair (OPPO)

Title: Report from session on LTE V2X and NR SL

Document for: Approval

Time Schedule
Please refer to the latest schedule in the RAN2 inbox on the public 3GPP servers.

## List and Status of Offline/Email Discussions

**[AT121bis-e] Offline discussion**

* [AT121bis-e][500] Organizational – LTE V2X and NR SL (OPPO)

**Scope**:

1. Share plans for the meetings and list of ongoing email discussions for the sessions
2. Share meetings notes and agreements for review and endorsement
3. Flag LSs for discussion

      **Intended outcome:**

1. General information sharing about the sessions
* [AT121bis-e][501][V2X/SL] R16 RRC corrections (Huawei)

 **Scope:** Discuss corrections for

1) sl-MaxTransPower, including 3157, 3158, 3906, 2799, 3909, 3912, 3913, and

 2) carrier frequency for SL-RSRP measurement, including 4144, 4145.

 3) measurement event triggering: 4078

 Merge corrections that can be agreed in principle.

 **Intended outcome:**

1. Discussion summary in R2-2304216.
2. If needed, 38.331 CR in R2-2304217 for R16 and R2-2304218 for R17

**Deadline:** Aim at email approval before at 4/25 CB session

* [AT121bis-e][502][V2X/SL] Clear SL CG (ASUSTek)

 **Scope:** Discuss corrections for

1) SL CG clearing at MAC reset, including 2574, 3210, 3915, 3928, and

 Merge corrections that can be agreed in principle.

 **Intended outcome:**

1. discussion summary in R2-2304219.
2. If needed, 38.321 CR in R2-2304220 for R16 and R2-2304221 for R17

**Deadline:** Comeback at 4/25 CB session

* [AT121bis-e][503][V2X/SL] Default CBR configuration (OPPO)

 **Scope:** Discuss corrections for (taking the conclusion for Case-3 into account, discuss the need of R17 CR, and no need to cover case-4)

1) default CBR, including 2841, 2617, 2795, 3908, 3214, 3215, 2619, 2647

 Merge corrections that can be agreed in principle.

 **Intended outcome:**

1. discussion summary in R2-2304227
2. if needed, 38.321 CR in R2-2304228 for R16 and R2-2304229 for R17
3. if needed, 38.331 CR in R2-2304230 for R16 and R2-2304231 for R17

**Deadline:** Comeback at 4/25 CB session

* [AT121bis-e][504][V2X/SL] R17 CP Corrections (Huawei)

 **Scope:** Discuss corrections for 38.331/304, including 2683 (except change-3), 2686

 Identify CRs that can be agreed in principle with or without revision

 **Intended outcome:**

1. Discussion summary in R2-2304222.
2. For CRs can be agreed in principle after revision, Tdoc number will be allocated after conclusion from discussion.

**Deadline:** Aim at email approval before 4/25 CB session

* [AT121bis-e][505][V2X/SL] DRX timer numerology (ASUSTek)

 **Scope:** Discuss corrections

1. DRX timer numerology, including 3907, 3925, 3926, 3927, 2908, and change-3 of 2683

 Identify CRs that can be agreed in principle with or without revision

 **Intended outcome:**

1. discussion summary in R2-2304223.
2. If needed, 38.331 CR in R2-2304224
3. If needed, 38.321 CR in R2-2304225

**Deadline:** Comeback at 4/25 CB session

* [AT121bis-e][506][V2X/SL] R17 MAC Corrections (LG)

 **Scope:** Discuss corrections for 38.321, including 2618, 2685

 Identify CRs that can be agreed in principle with or without revision

 **Intended outcome:**

1. Discussion summary in R2-2304226.
2. For CRs can be agreed in principle after revision, Tdoc number will be allocated after conclusion from discussion.

**Deadline:** Aim at email approval before at 4/25 CB session

**[POST121bis] Email discussion**

## Approved outgoing LSs

## 4.3 V2X and Side-link corrections Rel-15 and earlier

REL-15 and Earlier WIs related to V2x and Sidelink are in scope but not listed explicitly (long list).

This Agenda Item is treated in the V2X and Sidelink Breakout session

## 5.2 NR V2X

(5G\_V2X\_NRSL-Core; leading WG: RAN1; REL-16; started: Mar 19; target; Aug 20; WID: RP-200129).

CR rapporteurs will take care of miscellaneous CRs to collect small changes. Please contact / coordinate with CR rapporteur company first for small changes (e.g. non-controversial clarification/correction, editorial correction, etc.).

R2-2302415 Reply LS to RAN4 on PSFCH configured power with multiple resource pools (R1-2302231; contac: LGE) RAN1 LS in Rel-16 5G\_V2X\_NRSL-Core To:RAN4 Cc:RAN2

=> Noted

R2-2302574 Left issue on SL CG clear during MAC-reset OPPO discussion Rel-16 5G\_V2X\_NRSL-Core

R2-2302799 Correction to sl-MaxTransPower Nokia, Nokia Shanghai Bell CR Rel-17 38.331 17.4.0 3965 - F NR\_SL\_enh-Core

*Moved from 6.10.2*

R2-2303157 Correction on PSFCH configured power for NR sidelink CATT CR Rel-16 38.331 16.12.0 3993 - F 5G\_V2X\_NRSL-Core

R2-2303158 Correction on PSFCH configured power for NR sidelink CATT CR Rel-17 38.331 17.4.0 3994 - A 5G\_V2X\_NRSL-Core

R2-2303210 Discussion on clear of SL CG upon MAC reset Xiaomi discussion

R2-2303211 Correction on PSFCH reception for NR sidelink Xiaomi CR Rel-16 38.321 16.11.0 1585 - F 5G\_V2X\_NRSL-Core

R2-2303212 Correction on PSFCH reception for NR sidelink Xiaomi CR Rel-17 38.321 17.4.0 1586 - A 5G\_V2X\_NRSL-Core

R2-2303632 TS 38.331 correction on carrier frequency for SL-RSRP measurement Huawei, HiSilicon CR Rel-16 38.331 16.12.0 4018 - F 5G\_V2X\_NRSL-Core Revised

R2-2303633 TS 38.331 correction on carrier frequency for SL-RSRP measurement Huawei, HiSilicon CR Rel-17 38.331 17.4.0 4019 - A 5G\_V2X\_NRSL-Core Revised

R2-2303742 Summary on user plane corrections for NR V2X LG Electronics France discussion 5G\_V2X\_NRSL-Core Late

R2-2303906 Correction on field description for transmission power ZTE Corporation, Sanechips CR Rel-16 38.331 16.12.0 4031 - F 5G\_V2X\_NRSL-Core

R2-2303909 Correction on field description for transmission power ZTE Corporation, Sanechips CR Rel-17 38.331 17.4.0 4034 - F NR\_SL\_enh-Core

*Moved from 6.10.2*

R2-2303912 Clarification on sl-MaxTransPower vivo CR Rel-16 38.331 16.12.0 4047 - F 5G\_V2X\_NRSL-Core

R2-2303913 Clarification on sl-MaxTransPower vivo CR Rel-17 38.331 17.4.0 4046 - A 5G\_V2X\_NRSL-Core

R2-2303915 Corrections on MAC reset regarding configured sidelink grant ASUSTeK, Huawei, HiSilicon, Samsung, vivo CR Rel-16 38.321 16.11.0 1602 - F 5G\_V2X\_NRSL-Core

R2-2303928 Corrections on MAC reset regarding configured sidelink grant ASUSTeK, Huawei, HiSilicon, Samsung, vivo CR Rel-17 38.321 17.4.0 1605 - A 5G\_V2X\_NRSL-Core

R2-2304078 Correction for Measurement Event Triggering Criteria Sharp CR Rel-16 38.331 16.12.0 4049 - F 5G\_V2X\_NRSL-Core

*Moved from 5.1.3.1*

R2-2304144 TS 38.331 correction on carrier frequency for SL-RSRP measurement Huawei, HiSilicon CR Rel-16 38.331 16.12.0 4018 1 F 5G\_V2X\_NRSL-Core R2-2303632

R2-2304145 TS 38.331 correction on carrier frequency for SL-RSRP measurement Huawei, HiSilicon CR Rel-17 38.331 17.4.0 4019 1 A 5G\_V2X\_NRSL-Core R2-2303633

R2-2304148 Summary on control plan corrections for NR V2X Huawei, HiSilicon discussion Rel-16 5G\_V2X\_NRSL-Core Late

* [AT121bis-e][501][V2X/SL] R16 RRC corrections (Huawei)

 **Scope:** Discuss corrections for

1) sl-MaxTransPower, including 3157, 3158, 3906, 2799, 3909, 3912, 3913, and

 2) carrier frequency for SL-RSRP measurement, including 4144, 4145.

 3) measurement event triggering: 4078

 Merge corrections that can be agreed in principle.

 **Intended outcome:**

1. Discussion summary in R2-2304216.
2. If needed, 38.331 CR in R2-2304217 for R16 and R2-2304218 for R17

**Deadline:** Aim at email approval before at 4/25 CB session

* [AT121bis-e][502][V2X/SL] Clear SL CG (ASUSTek)

 **Scope:** Discuss corrections for

1) SL CG clearing at MAC reset, including 2574, 3210, 3915, 3928, and

 Merge corrections that can be agreed in principle.

 **Intended outcome:**

1. discussion summary in R2-2304219.
2. If needed, 38.321 CR in R2-2304220 for R16 and R2-2304221 for R17

**Deadline:** Comeback at 4/25 CB session

R2-2303211 Correction on PSFCH reception for NR sidelink Xiaomi CR Rel-16 38.321 16.11.0 1585 - F 5G\_V2X\_NRSL-Core

R2-2303212 Correction on PSFCH reception for NR sidelink Xiaomi CR Rel-17 38.321 17.4.0 1586 - A 5G\_V2X\_NRSL-Core

[Xiaomi] tend to agree with LG.

=> Not pursue.

R2-2303742 Summary on user plane corrections for NR V2X LG Electronics France discussion 5G\_V2X\_NRSL-Core Late

## 6.10 NR Sidelink enhancements

(NR\_SL\_enh-Core; leading WG: RAN1; REL-17; WID: RP-202846)

Tdoc Limitation: 3 tdocs

Note for RRC and MAC CRs, CR rapporteur’s summary and suggestion may be provided. CR rapporteurs will take care of miscellaneous CRs to collect small changes. Please contact / coordinate with CR rapporteur company first for small changes (e.g. non-controversial clarification/correction, editorial correction, etc.).

### 6.10.1 General and Stage 2 corrections

LSs and Stage 2 corrections.

R2-2302410 Reply LS to RAN2 on default CBR configuration (R1-2302174; contact: OPPO) RAN1 LS in Rel-17 NR\_SL\_enh-Core To:RAN2

* Noted

Chair: Need to conclude on the validity of Case-3. [Ericsson] in legacy, there is no limitation to use the default CBR, so Ericsson believe R1 confirmed Case-3. [Xiaomi] Same view as Ericsson. [CATT] Same view as Ericsson. [Huawei] Do we really need to do the change? [LG] Same view as OPPO. No need to do the change. [Nokia] Same view as Huawei. [ZTE] The change may be needed. [vivo] First half of the proposal is OK at least. Can follow majority view for the 2nd part. [Ericsson] Should agree the validity of Case-3. And would like to do the spec change for it. [Huawei] Do the change on R17 CR. But not touch R16 CR. [Qualcomm] share the view with Huawei. [Xiaomi] R17 change. [Intel, OPPO] Same view as Huawei. [vivo] will we discuss the need of R17 CR?

Agreement:

RAN2 confirm the validity of Case-3 (usage of R16 default CBR for full sensing in normal pool). But no spec change for R16 at least.

Chair: And what is companies view on Case-4 (3908, ZTE), i.e., usage of R16 default CBR for partial sensing and random selection in normal pool when R17 default CBR is not configured. [vivo] tend to agree ZTE. [NEC] to agree the CR? [Chair] just to check the validity of this case first. [Ericsson] Send LS to R1 for it firstly. [Qualcomm] Not sure if it is aligned with R1 view. [Huawei] same view as Qualcomm. [ZTE] R17 CBR parameter is an optional IE, but OK to check with R1. [Apple, Nokia] same view as Qualcomm. [Xiaomi] rely on network to avoid this case? if partial sensing is configured, this CBR value is configured?

R2-2302841 Discussion on RAN1 LS R1-2302174 Ericsson discussion Rel-17 NR\_SL\_enh-Core

* [AT121bis-e][503][V2X/SL] Default CBR configuration (OPPO)

 **Scope:** Discuss corrections for (taking the conclusion for Case-3 into account, discuss the need of R17 CR, and no need to cover case-4)

1) default CBR, including 2841, 2617, 2795, 3908, 3214, 3215, 2619, 2647

 Merge corrections that can be agreed in principle.

 **Intended outcome:**

1. discussion summary in R2-2304227
2. if needed, 38.321 CR in R2-2304228 for R16 and R2-2304229 for R17
3. if needed, 38.331 CR in R2-2304230 for R16 and R2-2304231 for R17

**Deadline:** Comeback at 4/25 CB session

R2-2302684 Corrections on TS 38.300 for SL enhancements Huawei, HiSilicon CR Rel-17 38.300 17.4.0 0648 - F NR\_SL\_enh-Core

R2-2302839 Correction to 38300 on IUC Ericsson, Apple CR Rel-17 38.300 17.4.0 0649 - F NR\_SL\_enh-Core

R2-2302840 Correction to 38300 on IUC cast type Ericsson CR Rel-17 38.300 17.4.0 0650 - F NR\_SL\_enh-Core

R2-2303213 Miscellaneous corrections on TS 38.300 for NR sidelink Xiaomi CR Rel-17 38.300 17.4.0 0654 - F NR\_SL\_enh-Core

R2-2303383 Miscellaneous corrections for Stage 2 NR sidelink enhancements Apple CR Rel-17 38.300 17.4.0 0655 - F NR\_SL\_enh-Core

### 6.10.2 Control plane corrections

Includes corrections on 38.331 and 38.304.

R2-2302617 Miscellaneous RRC corrections for the usage of default CBR configuration CATT CR Rel-17 38.331 17.4.0 3955 - F NR\_SL\_enh-Core

R2-2302683 Miscellaneous corrections on 38.331 for SL enhancements Huawei, HiSilicon CR Rel-17 38.331 17.4.0 3960 - F NR\_SL\_enh-Core

R2-2302686 Corrections on TS 38.304 for SL enhancements Huawei, HiSilicon CR Rel-17 38.304 17.4.0 0329 - F NR\_SL\_enh-Core

R2-2302795 On default CBR configuration Nokia, Nokia Shanghai Bell discussion NR\_SL\_enh-Core

R2-2303907 Correction on field description for DRX timer ZTE Corporation, Sanechips CR Rel-17 38.331 17.4.0 4032 - F NR\_SL\_enh-Core

R2-2303908 Correction on default CBR configuration ZTE Corporation, Sanechips CR Rel-17 38.331 17.4.0 4033 - F NR\_SL\_enh-Core

R2-2303925 Discussion on deriving timer length for DRX timers ASUSTeK discussion Rel-17 38.331 NR\_SL\_enh-Core

R2-2303926 Corrections on deriving timer length for DRX timers - option 1a ASUSTeK CR Rel-17 38.331 17.4.0 4041 - F NR\_SL\_enh-Core

R2-2303927 Corrections on deriving timer length for DRX timers - option 1b ASUSTeK, vivo CR Rel-17 38.331 17.4.0 4042 - F NR\_SL\_enh-Core

R2-2304150 Summary on control plane corrections for NR SL enhancements Huawei, HiSilicon discussion Rel-17 NR\_SL\_enh-Core Late

* [AT121bis-e][504][V2X/SL] R17 CP Corrections (Huawei)

 **Scope:** Discuss corrections for 38.331/304, including 2683 (except change-3), 2686

 Identify CRs that can be agreed in principle with or without revision

 **Intended outcome:**

1. Discussion summary in R2-2304222.
2. For CRs can be agreed in principle after revision, Tdoc number will be allocated after conclusion from discussion.

**Deadline:** Aim at email approval before 4/25 CB session

* [AT121bis-e][505][V2X/SL] DRX timer numerology (ASUSTek)

 **Scope:** Discuss corrections

1. DRX timer numerology, including 3907, 3925, 3926, 3927, 2908, and change-3 of 2683

 Identify CRs that can be agreed in principle with or without revision

 **Intended outcome:**

1. discussion summary in R2-2304223.
2. If needed, 38.331 CR in R2-2304224
3. If needed, 38.321 CR in R2-2304225

**Deadline:** Comeback at 4/25 CB session

### 6.10.3 User plane corrections

Includes the email discussion [POST121][510][V2X/SL] and corrections on 38.321, 38.322, and 38.323.

R2-2302618 Correction on resource (re-)selection for NR sidelink CATT CR Rel-17 38.321 17.4.0 1574 - F NR\_SL\_enh-Core

R2-2302619 Correction on case for default CBR configuration CATT CR Rel-17 38.321 17.4.0 1575 - F NR\_SL\_enh-Core

R2-2302647 Discussion on default CBR OPPO discussion Rel-17 NR\_SL\_enh-Core

R2-2302685 Correction on 38.321 for SL enhancements Huawei, HiSilicon CR Rel-17 38.321 17.4.0 1578 - F NR\_SL\_enh-Core

R2-2302908 SL DRX timers BWP numerology Nokia, Nokia Shanghai Bell draftCR Rel-17 38.321 17.4.0 F NR\_SL\_enh-Core

R2-2303214 Discussion on the usage of default CBR values for NR sidelink Xiaomi discussion

R2-2303215 Correction on the usage of default CBR values for NR sidelink Xiaomi CR Rel-17 38.321 17.4.0 1587 - F NR\_SL\_enh-Core

R2-2303743 Summary on user plane corrections for NR SL enhancements LG Electronics France discussion Late

* [AT121bis-e][506][V2X/SL] R17 MAC Corrections (LG)

 **Scope:** Discuss corrections for 38.321, including 2618, 2685

 Identify CRs that can be agreed in principle with or without revision

 **Intended outcome:**

1. Discussion summary in R2-2304226.
2. For CRs can be agreed in principle after revision, Tdoc number will be allocated after conclusion from discussion.

**Deadline:** Aim at email approval before at 4/25 CB session

R2-2303744 Summary of email discussion [POST121][510][V2XSL] IUC procedure in re-evaluationpre-emptionconflict indicator (LG) LG Electronics France discussion NR\_SL\_enh-Core

?? (9:5) Proposal 1. Correction (i.e., Modify existing text in section 5.22.1.2a and 5.22.1.2b as follows: “2> randomly select the time and frequency resource from either the resources indicated by the physical layer as specified in clause 8.1.4 of TS 38.214 [7], or from available resources after a received preferred resource set is taken into account according to 5.22.1.1, …”) is agreed to specify IUC procedure to section 5.22.1.2a and Section 5.22.1.2b.

[LG] Simplified sentence is preferred by companies. [Huawei] whether normative change is really needed?

Agreement:

Proposal 1. Correction (i.e., Modify existing text in section 5.22.1.2a and 5.22.1.2b as follows: “2> randomly select the time and frequency resource from either the resources indicated by the physical layer as specified in clause 8.1.4 of TS 38.214 [7], or from available resources after a received preferred resource set is taken into account according to 5.22.1.1, …”) is agreed to specify IUC procedure to section 5.22.1.2a and Section 5.22.1.2b.

R2-2303745 User plane corrections on NR Sidelink enhancements LG CR Rel-17 38.321 17.4.0 1595 - F NR\_SL\_enh-Core

=> Agreed in principle

## 7.15 NR Sidelink evolution

(NR\_SL\_enh2; leading WG: RAN1; REL-18; WID: RP-230077)

Time budget: 1 TU

Tdoc Limitation: 5 tdocs

### 7.15.1 Organizational

Includes Incoming LS and rapporteur inputs.

R2-2302407 Reply LS on SL LBT failure indication and consistent SL LBT failure (R1-2302118; contact: vivo) RAN1 LS in Rel-18 NR\_SL\_enh2 To:RAN2

R2-2302441 LS on co-channel coexistence (R4-2303718; contact: Huawei) RAN4 LS in Rel-18 NR\_SL\_enh2-Core To:RAN1, RAN2

R2-2302501 [Draft] LS Response to “Reply LS on SL LBT failure indication and consistent SL LBT failure” vivo LS out Rel-18 NR\_SL\_enh2-Core To:RAN1

R2-2302570 Work plan of R18 SL-Evo OPPO, LG Work Plan Rel-18 NR\_SL\_enh2

### 7.15.2 SL-U: SL Consistent LBT failure

Includes e.g. further updates/details on SL consistent LBT failure, etc.

R2-2302483 Further discussion on SL consistent LBT failure vivo discussion NR\_SL\_enh2-Core

R2-2302586 Discussion on SL consistent LBT failure for SL-U Huawei, HiSilicon discussion Rel-18 NR\_SL\_enh2

R2-2302620 SL Consistent LBT failure CATT discussion Rel-18 NR\_SL\_enh2

R2-2302645 Discussion on LBT impact in SL-U OPPO discussion Rel-18 NR\_SL\_enh2

R2-2302838 LBT failure detection and recovery Nokia, Nokia Shanghai Bell discussion Rel-18 NR\_SL\_enh2

R2-2302843 Handling consistent LBT failure Ericsson discussion Rel-18 NR\_SL\_enh2

R2-2302872 On SL-U LBT failure Intel Corporation discussion Rel-18 NR\_SL\_enh2

R2-2302916 LBT Failure for SL Unlicensed InterDigital discussion Rel-18 NR\_SL\_enh2

R2-2302940 Discussion on left issues for SL-U LBT SHARP Corporation discussion NR\_SL\_enh2

R2-2302948 Dicsussion on SL consistent LBT failure NEC discussion Rel-18 NR\_SL\_enh2

R2-2302967 Discussion on SL Consistent LBT failure LG Electronics France discussion NR\_SL\_enh2

R2-2303177 Discussion on Sidelink consistent LBT failure handling ZTE Corporation, Sanechips discussion Rel-18 NR\_SL\_enh2

R2-2303216 Discussion on SL consistent LBT failure Xiaomi discussion

R2-2303232 Discussion on Consistent LBT for NR SL-U Lenovo discussion Rel-18

R2-2303375 Discussion on SL consistent LBT failure Apple discussion Rel-18 NR\_SL\_enh2

R2-2303573 Consistent LBT failure handling for SL-U Spreadtrum Communications discussion Rel-18

R2-2303586 Discussion on SL Consistent LBT failure Qualcomm India Pvt Ltd discussion

R2-2304006 Discussion on SL Consistent LBT failure ITL discussion Rel-18

### 7.15.3 SL-U: COT sharing and LCP

Includes e.g. LCP enhancement, need of assistance info to initiating UE, further updates/details on COT sharing, etc.

R2-2302498 COT and LCP enhancement NEC discussion NR\_SL\_enh2

R2-2302571 Discussion on COT-Sharing and LCP Enhancement OPPO discussion Rel-18 NR\_SL\_enh2

R2-2302587 Dissuccion on COT sharing and LCP for SL-U Huawei, HiSilicon discussion Rel-18 NR\_SL\_enh2

R2-2302621 Discussion on COT sharing and LCP CATT discussion Rel-18 NR\_SL\_enh2

R2-2302844 U2U COT sharing and LCP Ericsson discussion Rel-18 NR\_SL\_enh2

R2-2302849 On COT sharing and LCP Nokia, Nokia Shanghai Bell discussion NR\_SL\_enh2

R2-2302871 Discussion on COT sharing and LCP in SL-U Intel Corporation discussion Rel-18 NR\_SL\_enh2

R2-2302917 COT Sharing for SL Unlicensed InterDigital discussion Rel-18 NR\_SL\_enh2

R2-2302918 Implementing LCP for SL Unlicensed InterDigital discussion Rel-18 NR\_SL\_enh2

R2-2302963 Discussion on COT sharing and LCP LG Electronics France discussion Rel-18 NR\_SL\_enh2

R2-2303178 Discussion on COT sharing and LCP ZTE Corporation, Sanechips discussion Rel-18 NR\_SL\_enh2

R2-2303197 LCP procedure for SL-U Lenovo discussion Rel-18 NR\_SL\_enh2-Core

R2-2303217 Discussion on assistance information for COT sharing Xiaomi discussion Withdrawn

R2-2303218 Discussion on aspects related to COT sharing Xiaomi discussion

R2-2303270 Discussion on assistance information for COT sharing Xiaomi, Ericsson discussion Withdrawn

R2-2303376 Discussion on COT sharing and LCP impact Apple discussion Rel-18 NR\_SL\_enh2

R2-2303587 Discussion on COT sharing and LCP Qualcomm India Pvt Ltd discussion

R2-2303911 Discussion on changed-LCP and how UE behaves if shared-COT cannot be used vivo discussion

R2-2304020 Discussion on assistance information for COT sharing Xiaomi, Ericsson, vivo discussion

### 7.15.4 SL-U: Others

Includes e.g. MCSt impacts, SL resource (re)selection impact, leftovers on SL CAPC, SL DRX and SL CG, etc.

R2-2302499 SL resource (re)selection NEC discussion NR\_SL\_enh2

R2-2302572 Discussion on 'Best-Match' OPPO, Apple, ZTE, Xiaomi, Qualcomm, MTK discussion Rel-18 NR\_SL\_enh2

R2-2302585 Discussion on remaining issues for SL-U Huawei, HiSilicon discussion Rel-18 NR\_SL\_enh2

R2-2302622 Consideration on CAPC and LBT Impacts CATT discussion Rel-18 NR\_SL\_enh2

R2-2302846 Other aspects on SL-U Ericsson discussion Rel-18 NR\_SL\_enh2

R2-2302855 DTX operation in sidelink unlicensed Nokia, Nokia Shanghai Bell discussion NR\_SL\_enh2

R2-2302873 Open aspects on SL-U operation Intel Corporation discussion Rel-18 NR\_SL\_enh2

R2-2302919 Mode 2 Resource Selection for SL Unlicensed InterDigital discussion Rel-18 NR\_SL\_enh2

R2-2302965 Discussion on remaining issues of SL-U LG Electronics France discussion NR\_SL\_enh2

R2-2303179 Discussion on resouce allocation and CAPC in SL-U ZTE Corporation, Sanechips discussion Rel-18 NR\_SL\_enh2

R2-2303233 Other remaining issue for NR SL-U Lenovo discussion Rel-18

R2-2303377 Discussion on resource (re)selection, SL DRX and SL CG in SL-U Apple discussion Rel-18 NR\_SL\_enh2

R2-2303588 Discussion on other design considerations for SL-U Qualcomm India Pvt Ltd discussion

R2-2303611 Discussion on SL CAPC leftovers China Telecom discussion Rel-18 NR\_SL\_enh2

R2-2303914 Discussion on CAPC for non-standardized PQI to decide 'best match' vivo, Lenovo, InterDigital, ASUSTeK, Huawei, HiSilicon discussion

R2-2304013 Discussion on SL DRX ITL discussion Rel-18

### 7.15.5 SL-FR2

Includes e.g. identification of RAN2 scopes (including high-level wayforward), updates/details of related RAN1 discussion, etc. Note this agenda item may not be handled during the meeting (e.g. due to lack of time, premature RAN1 progress, etc.)

R2-2302500 Sidelink Operation on FR2 NEC discussion NR\_SL\_enh2

R2-2302623 Discussion on Sidelink Operation on FR2 CATT discussion Rel-18 NR\_SL\_enh2

R2-2302646 Discussion on SL-FR2 impact OPPO discussion Rel-18 NR\_SL\_enh2

R2-2302657 Discussion on SL-FR2 aspects in RAN2 Nokia Germany discussion Rel-18

R2-2302687 Discussion on SL-FR2 Huawei, HiSilicon discussion Rel-18 NR\_SL\_enh2

R2-2302845 SL in FR2 Ericsson discussion Rel-18 NR\_SL\_enh2

R2-2302870 RAN2 aspects to support SL FR2 Intel Corporation discussion Rel-18 NR\_SL\_enh2

R2-2302968 Discussion on RAN2 aspects of SL-FR2 LG Electronics France discussion NR\_SL\_enh2

R2-2303119 Discussion on SL-FR2 impact to RAN2 Xiaomi discussion

R2-2303180 Initial consideration on sidelink FR2 ZTE Corporation, Sanechips discussion Rel-18 NR\_SL\_enh2

R2-2303234 Discussion on FR2 operation for NR SL-U Lenovo discussion Rel-18

R2-2303378 Discussion on RAN2 work of SL FR2 Apple discussion Rel-18 NR\_SL\_enh2

R2-2303483 RAN2 Aspects of NR Sidelink Operation in FR2 Fraunhofer IIS, Fraunhofer HHI discussion Rel-18

R2-2303574 Discussion on sidelink operation on FR2 Spreadtrum Communications discussion Rel-18

R2-2303589 Discussion on SL FR2 Qualcomm India Pvt Ltd discussion

R2-2303910 Discussion on RAN2 aspects for FR2 licensed spectrum vivo discussion

### 7.15.6 SL CA Enhancements

This work assumes a very high degree of reuse from LTE

R2-2302555 Support of CA for NR Sidelink Mode-2 vivo discussion NR\_SL\_enh2-Core

R2-2302573 Discussion on Carrier Aggregation OPPO discussion Rel-18 NR\_SL\_enh2

R2-2302624 Discussion on NR sidelink CA CATT discussion Rel-18 NR\_SL\_enh2

R2-2302688 Discussion on SL CA operation Huawei, HiSilicon discussion Rel-18 NR\_SL\_enh2

R2-2302847 Aspects of SL CA Ericsson discussion Rel-18 NR\_SL\_enh2

R2-2302874 Discussion on NR SL Carrier Aggregation Intel Corporation discussion Rel-18 NR\_SL\_enh2

R2-2302920 Carrier Aggregation for NR SL InterDigital discussion Rel-18 NR\_SL\_enh2

R2-2302969 Discussion on RAN2 aspects of SL-CA enhancements LG Electronics France discussion NR\_SL\_enh2

R2-2303181 Initial consideration on sidelink CA ZTE Corporation, Sanechips discussion Rel-18 NR\_SL\_enh2

R2-2303207 On the scope of NR sidelink CA Nokia, Nokia Shanghai Bell discussion

R2-2303219 Discussion on carrier aggregation for NR sidelink Xiaomi discussion

R2-2303379 Initial discussion on Sidelink CA Apple discussion Rel-18 NR\_SL\_enh2

R2-2303482 RAN2 Aspects of NR Sidelink Carrier Aggregation Fraunhofer IIS, Fraunhofer HHI discussion Rel-18

R2-2303590 Discussion on SL CA Qualcomm India Pvt Ltd discussion