**3GPP TSG RAN WG1 Meeting #110bis-e R1-22xxxxx**

**e-Meeting, October 10th – 19th, 2022**

**Agenda item:** 8.11

**Source:** Moderator (LG Electronics)

**Title:** Moderator summary for AI 8.11: Maintenance on NR sidelink enhancement

**Document for:** Discussion and decision

1. **Introduction**

The maintenance issues in contributions submitted to RAN1#110bis-e meeting are summarized in the tables of Section 2 and 3. An initial assessment on each issue is provided based on the following classification:

* ***High priority (H)****:*
	+ *High-priority item (essential, pending issues, broken spec components) and proposed editorial changes that either enhance the clarity of the specs or correct mistakes*
* ***Non-essential (N)****:*
	+ *All other purposes such as spec optimization and low priority issues*
* ***Editorial (E)****:*
	+ *Editorial issues that will be handled as editorial CRs (to be communicated to the editors/chairs)*
1. **Issues of Resource Allocation for Power Saving**

**Table 1 - Resource allocation for power saving**

|  |  |  |  |
| --- | --- | --- | --- |
| **Issue#** | **Issue** | **References** | **FL initial assessment** |
| 1-1 | **Clarification on the statement “unless stated otherwise in the specification” to avoid ambiguity**In 38.214 section 8.1.4 for periodic and aperiodic CPS, discuss the conditions “unless … otherwise in the specification” and clarify the specification as necessary to avoid ambiguity.Or Remove the phrase ‘unless stated otherwise in the specification’ in the specification. | [1] [8] | N |
| 1-2 | **Update of Q formula in Step 6 for the 2nd most recent PSO*** Per the latest FL Proposal 1-1 (V) from RAN1#109-e
 | [3] [10] [18] | H |
| 1-3 | **UE reports a full initialized candidate resource set (*SA*) when performing random resource selection** (only Step 1 and 4) | [19] | N |
| 1-4 | **Clarification on the provided set(s) of resources for re-evaluation and pre-emption checking when and *SA* reporting**When higher layer triggers re-evaluation and pre-emption checking in partial sensing and provides resource set and , it is proposed to clarify / add the following sentences.If , the set of resources and the set of resources are in the *q*th reservation period (*q*=0,1,2,…, Cresel-1).…The UE shall report set and the candidate slots of the initial resource selection if the UE performs partial sensing to higher layers. | [12] | N |
| 1-5 | **Allowed resource selection mechanisms in a resource pool**Optionally, the indication of resource selection mechanism(s), as *sl*-*AllowedResourceSelectionConfig*, which may comprise of full sensing, partial sensing, random resource selection, or any combination(s) thereof, including allowing a single resource allocation mechanism. | [25] | N |
| 1-6 | **Clarification on the min number of Y and Y’ slots**In the higher layer parameter section (before Step 1)- Optionally, minimum number of *Y* slots as (*sl*-*MinNumCandidateSlotsPeriodic*), which indicates the minimum number of *Y* slots that are included in the candidate resources corresponding to periodic-based partial sensing operation for periodic transmissions. [5]- Optionally, minimum number of *Y* slots as (*sl*-*MinNumCandidateSlotsPeriodic*), which indicates the minimum number of *Y* slots that are included in the candidate resources corresponding to periodic-based partial sensing for resource (re)selection triggered by periodic transmission. [7]- Optionally, minimum number of *Y* slots as (*sl*-*MinNumCandidateSlotsPeriodic*), which indicates the minimum number of *Y* slots that are included in the candidate resources if Prsvp\_TX≠0. [9]- Optionally, minimum number of *Y* slots as (*minNumCandidateSlotsPeriodic*), which indicates the minimum number of *Y* slots that are included in the resources corresponding to periodictransmission. [27]- Optionally, minimum number of slots as (*sl*-*MinNumCandidateSlotsAperiodic*), which indicates the minimum number of slots that are included in the candidate resources corresponding to contiguous partial sensing operation for aperiodic transmissions. [5]- Optionally, minimum number of slots as (*sl*-*MinNumCandidateSlotsAperiodic*), which indicates the minimum number of slots that are included in the candidate resources corresponding to periodic-based partial sensing and/or contiguous partial sensing for resource (re)selection triggered by aperiodic transmission. [7]- Optionally, minimum number of slots as (*sl*-*MinNumCandidateSlotsAperiodic*), which indicates the minimum number of slots that are included in the candidate resources if Prsvp\_TX=0. [9]- Optionally, minimum number of slots as (*sl*-*MinNumCandidateSlotsAperiodic*), which indicates the minimum number of slots that are included in the candidate resources corresponding to periodic-based partial sensing and/or contiguous partial sensing operation. [23]- Optionally, minimum number of slots as (*minNumCandidateSlotsAperiodic*), which indicates the minimum number of slots that are included in the resources corresponding to aperiodic transmission. [27] | [5] [7] [9] [23] [27] | H |
| 1-7 | **Step 1), clarification on Y and Y’ candidate slots based on partial sensing and/or Prsvp\_TX**In Step 1)* The UE shall assume that any set of contiguous sub-channels included in the corresponding resource pool within the time interval correspond to one candidate single-slot resource for UE performing full sensing, in a set of *Y* candidate slots within the time interval for UE performing periodic-based partial sensing if , correspond to one candidate single-slot resource, or in a set of *Y'* candidate slots within the time interval for UE performing at least contiguous partial sensing if *P*rsvp\_TX*=0*, correspond to one candidate single-slot resource, where … [7]
* The UE shall assume that any set of contiguous sub-channels included in the corresponding resource pool within the time interval correspond to one candidate single-slot resource for UE performing full sensing, in a set of *Y* candidate slots within the time interval if , correspond to one candidate single-slot resource, or in a set of *Y'* candidate slots within the time interval if *P*rsvp\_TX*=0*, correspond to one candidate single-slot resource, where … [9]
* The UE shall assume that any set of contiguous sub-channels included in the corresponding resource pool within the time interval correspond to one candidate single-slot resource for UE performing full sensing, in a set of *Y* candidate slots within the time interval for UE performing periodic-based partial sensing correspond to one candidate single-slot resource if *P*rsvp\_TX*≠0*, or … [14] [5]
* The UE shall assume that any set of contiguous sub-channels included in the corresponding resource pool within the time interval correspond to one candidate single-slot resource for UE performing full sensing, in a set of *Y* candidate slots within the time interval for UE performing ~~periodic-based~~ partial sensing correspond to one candidate single-slot resource for a resource (re)selection triggered by periodic transmission, or in a set of *Y'* candidate slots within the time interval for UE performing ~~contiguous~~ partial sensing ~~if~~ *~~P~~*~~rsvp\_TX~~*~~=0~~*, correspond to one candidate single-slot resource for a resource (re)selection triggered by aperiodic transmission, where … [23]
* The UE shall assume that any set of contiguous sub-channels included in the corresponding resource pool within the time interval correspond to one candidate single-slot resource for UE performing full sensing, in a set of *Y* candidate slots within the time interval if correspond to one candidate single-slot resource, or in a set of *Y'* candidate slots within the time interval if *P*rsvp\_TX*=0*, correspond to one candidate single-slot resource, where … [27]
* is selected by UE where . When the UE performs at least contiguous partial sensing and if , … [7]
* is selected by UE where . If , … [9] [27]
 | [5] [7] [9] [14] [23] [27] | H |
| 1-8 | **Step 1), clarification on Y’ candidate slots not overlapping with sensing window**In Step 1)* The UE shall assume that any set of contiguous sub-channels included in the corresponding resource pool within the time interval correspond to one candidate single-slot resource for UE performing full sensing, in a set of *Y* candidate slots within the time interval for UE performing periodic-based partial sensing correspond to one candidate single-slot resource, or in a set of *Y'* candidate slots within the time interval that do not overlap with the sensing window for UE performing contiguous partial sensing if *P*rsvp\_TX*=0*, correspond to one candidate single-slot resource, where …
 | [26] | N |
| 1-9 | **Step 2), add CPS for the case of *sl-MultiReserveResource* is enabled and , remove a redundant sentence**In Step 2)* From [2]:
	+ For the case of *sl-MultiReserveResource* is enabled and , CPS description is additionally included for *Y’* candidate slots and the parameter *sl-CPS-WindowAperiodic* is used for the M value.
	+ For the case of *sl-MultiReserveResource* is disabled, it is clarified that is the first slot of the selected *Y’* candidate slots. Also form [4] [7]
* From [4]:
	+ For the case of *sl-MultiReserveResource* is enabled and , reuse existing CPS behavior from the case of *sl-MultiReserveResource* is disabled and , since the behavior is the same in RAN1’s agreement for these two cases. Similar change from [7], [9] and [23] but they both use different modification methods.
	+ Move the condition “if ” to the beginning of the section in the description when UE performs both PBPS and CPS, since the whole section is for the case when . Also form [7] [9]
	+ Remove the following redundant sentence since it is not applicable for the case when . “” Also form [7]
 | [2] [4] [7] [9] [23] | H |
| 1-10 | **Step 2), correct CPS window in SL DRX inactive time**In Step 2)* CPS monitoring window in SL DRX inactive time:
	+ if UE performs contiguous partial sensing on the slots in SL DRX inactive time, UE monitors a minimum of slots from the slots. [8]
	+ if UE performs contiguous partial sensing on the slots in SL DRX inactive time, UE monitors at least *M* consecutive logical slots before and ending at slots earlier than , where is the first slot of the selected or candidate slots. The value of *M* is (pre-)configured with the *sl-CPS-WindowPeriodic* or *sl-CPS-WindowAperiodic* when or , respectively; otherwise, *M* equals 31. [11]
 | [8] [11] | H |
| 1-11 | **Miscellaneous corrections in Step 2)**In Step 2)* From [2]:
	+ For PBPS monitoring, change the index k for periodic sensing occasions to k’ to indicate the number of PSOs that the UE needs to monitor such that k’=1 if *sl-Additional-PBPS-Occasion* is not (pre-)configured and k’=2 if *sl-Additional-PBPS-Occasion* is (pre-)configured.
* From [7]:
	+ Adding “The UE shall perform the behaviour in the following steps based on PSCCH decoded and RSRP measured in these slots.”
* From [9]:
	+ Introduce a new term for PBPS and corresponding changes ( is a slot of the selected *Y’* candidate slots) for PBPS with selected *Y’* candidate slot for the case when .
* From [15]:
	+ The value of corresponds to *sl-PBPS-OccasionReservePeriodList* if (pre-)configured, otherwise, the values correspond to all the non-zero periodicity from *sl-ResourceReservePeriodList.*
* From [16]:
	+ When the UE performs periodic-based partial sensing, the UE shall monitor slots at , where is a slot of the selected candidate slots except for the other candidate slots when is smaller than and is converted to units of logical slot according to clause 8.1.7.
 | [2] [7] [9] [15] [16] | N |
| 1-12 | **Re-evaluation and pre-emption checking for periodic transmission**In re-evaluation and pre-emption checking for periodic transmission (*Prsvp\_TX≠0*)* …, where is the first candidate slot from slot *n+T3*. [6] [22]
* The UE performs PBPS for the remaining *Y* candidate slots according to except for the slot(s) of a prior SCI transmitted by the UE indicating the resource in slot subject to pre-emption checking, where … [13]
* The UE performs PBPS for the remaining *Y* candidate slots according to except for those in which its own transmissions occur, where … [20]
 | [6] [13] [20] [22] | H |
| 1-13 | **Re-evaluation and pre-emption checking for aperiodic transmission**In re-evaluation and pre-emption checking for aperiodic transmission (*Prsvp\_TX=0*)* …, where is the first candidate slot from slot *n+T3*. [6] [22]
* Clarified that this case is for UE perform at least CPS, to have consistent spec description as the periodic transmission (*Prsvp\_TX≠0*) case. [6]
* UE performs CPS starting from at least *M* consecutive logical slots earlier than to slots earlier than except for those in which its own transmissions occur [20]
 | [6] [20] [22] | H |
| 1-14 | **Miscellaneous corrections in re-evaluation and pre-emption checking for partial sensing**In re-evaluation and pre-emption checking:* For periodic transmission (*Prsvp\_TX≠0*):
	+ If the number of candidate single-slot resources *Y* is smaller than *Ymin*, it is up to UE implementation to include other candidate slots.
	+ The UE performs PBPS for the remaining *Y* candidate slots according to , whereis a slot belonging to the remaining *Y* candidate slots except for the additionally included candidate slots, and *k* and *Preserve* are the same as resource (re)selection, where …
* For aperiodic transmission (*Prsvp\_TX=0*):
	+ If the number of candidate single-slot resources *Y’* is smaller than , it is up to UE implementation to include other candidate slots. [21]
	+ UE performs CPS starting from at least *M* consecutive logical slots earlier than to slots earlier than taking into consideration the associated processing times. [24]
 | [21] [24] | N |
| 1-15 | **Editorial corrections in Step 2)**In Step 2)* Whether the UE is required to performs SL reception of PSCCH and RSRP measurement for partial sensing on slots in SL DRX inactive time is enabled/disabled by higher layer parameter *sl-PartialSensingInactiveTime.*
* For cases of and , the contiguous partial sensing window is defined by the range of slots .
 | [7] | E |
| 1-16 | **Editorial corrections in Step 6)**In Step 6)* Replace with  in two places
 | [7] | E |
| 1-17 | **Editorial corrections in re-evaluation and pre-emption checking**In re-evaluation and pre-emption checking for periodic transmission (*Prsvp\_TX≠0*)* By default, *M* is 31 unless (pre-)configured with another value, by *sl-CPS-WindowPeriodic*.

In re-evaluation and pre-emption checking for aperiodic transmission (*Prsvp\_TX=0*)* For minimum size M of the contiguous partial sensing window
 | [2] [7] | E |

1. **Issues of Inter-UE Coordination for Mode 2 Enhancements**

**Table 2 - Inter-UE coordination for Mode 2 enhancements**

|  |  |  |  |
| --- | --- | --- | --- |
| **Issue#** | **Issue** | **References** | **FL initial assessment** |
| 2-1 | **[Scheme 2]** Further clarification on conditions for UE to be UE-B when at least one of UEs scheduling conflicting TBs does not set indicationUEB flag to 1 | [28], [35], [44], [52] | H |
| 2-2 | **[Scheme 1]** Deletion of the wording of "Note” in Section 8.1.4C of TS 38.214 | [29], [59] | E |
| 2-3 | **[Scheme 1]** Further clarification on missing field descriptions of SCI format 2-C | [30] | N |
| 2-4 | **[Scheme 2]** Further clarification on how to determine the priority of PSFCH TX when the resource conflict is determined based on Condition 2-A-2 | [31], [45] | H |
| 2-5 | **[Scheme 2]** Additional clarification for the corresponding PSSCH determined based on PSFCHOccasionScheme2 | [31] | N |
| 2-6 | **[Scheme 1]** Further clarification on IUC related transmission based on latency bound | [32] | N |
| 2-7 | **[Scheme 1**] Correction for missing functions of SCI format 2-C | [33], [50], [63] | E |
| 2-8 | **[Scheme 1**] Correction for field naming alignment for SCI format 2-C in TS 38.214 | [34], [63] | E |
| 2-9 | **[Scheme 2]** Correction for field naming alignment for SCI format 1-A in TS 38.213 | [35], [46], [49] | E |
| 2-10 | **[Scheme 2]** Further clarification on Condition 2-A-2 for Scheme 2 | [36], [46], [47] | H |
| 2-11 | **[Scheme 1/2]** Correction on misalignment for RRC parameters in TS 38.214 | [37], [43], [50], [55], [63] | E |
| 2-12 | **[Scheme 1/2]** Correction on misalignment for RRC parameters in TS 38.213 | [38], [42], [46], [49], [54] | E |
| 2-13 | **[Scheme 1/2]** Correction on misalignment for RRC parameters in TS 38.212 | [39], [48], [53], [62], [65] | E |
| 2-14 | **[Scheme 1]** Modification to UE-B’s behavior of excluding the non-preferred resource set from its candidate single-slot resources | [40], [41] | N |
| 2-15 | **[Scheme 1]** Further clarification on the use of preferred resource set for resource reselection due to pre-emption/re-evaluation and/or the indication of non-preferred resource set to physical layer for resource reselection due to pre-emption/re-evaluation | [47], [56] | H |
| 2-16 | **[Scheme 1]** Modification to Step 6) in Section 8.1.4 of TS 38.214 when UE-A determines the preferred resources set and the time gap from IUC transmission to the preferred resource is larger than () | [47]  | N |
| 2-17 | **[Scheme 2]** Further clarification on the case of no HARQ-ACK information in Section 16.2.4.2 of TS 38.213 | [49] | E |
| 2-18 | **[Scheme 2]** Correction/clarification on description of valid PSFCH occasion for Scheme 2 in TS 38.213 | [51], [60]  | N |
| 2-19 | **[Scheme 2]** Deletion of duplicated part on resource conflict detection between TS 38.213 (Section 16.3.0) and TS 38.214 (Section 8.1.4B). | [55], [63] | N |
| 2-20 | **[Scheme 1]** Further clarification on condition(s) under which Option B can be used for the received preferred resource set | [56] | N |
| 2-21 | **[Scheme 1]** Addition of procedure that allows UE-B to distinguish between non-preferred resources generated based on different conditions (i.e., Condition 1-B-1, Condition 1-B-2) | [57], [58] | N |
| 2-22 | **[Scheme 2]** Further clarification on priority definition for Tx and Rx of PSFCH with conflict information | [61] | N |
| 2-23 | **[Scheme 1]** Further clarification that UE-A is the destination UE of a TB transmitted by UE-B for the case when IUC information is triggered by an explicit request from UE-B and UE-A determines the set of non-preferred resources for UE-B | [64] | H |

1. **Other issues**

**Table 3 – Other issues**

|  |  |  |  |
| --- | --- | --- | --- |
| **Issue#** | **Issue** | **References** | **FL initial assessment** |
| 3-1 | Clarification on PDCCH repetition for SL DCI format 3-0 and/or 3-1 | [66], [67], [68] | H |
| 3-2 | Further clarification on which set of power control parameters is used by UE | [69], [70], [71] | H |
| 3-3 | Correction on SL timing | [72] | H |

1. **Conclusion**
	1. Resource allocation for power saving

[TBD]

* 1. Inter-UE coordination for Mode 2 enhancements

[TBD]

* 1. Others

[TBD]

1. **References**
	1. Resource allocation for power saving
2. [R1-2208386](file:///C%3A%5C3GPP%5CRAN1_Meetings%5CTdocs%5C2022%5CR1-2208386.zip) Discussion on resolving ambiguous text in 38.214 FUTUREWEI
3. [R1-2208610](file:///C%3A%5C3GPP%5CRAN1_Meetings%5CTdocs%5C2022%5CR1-2208610.zip) Corrections for partial sensing resource selection vivo
4. [R1-2208816](file:///C%3A%5C3GPP%5CRAN1_Meetings%5CTdocs%5C2022%5CR1-2208816.zip) Draft CR on Q formula in step 6c for periodic-based partial sensing OPPO
5. [R1-2208817](file:///C%3A%5C3GPP%5CRAN1_Meetings%5CTdocs%5C2022%5CR1-2208817.zip) Draft CR on CPS sensing window OPPO
6. [R1-2208818](file:///C%3A%5C3GPP%5CRAN1_Meetings%5CTdocs%5C2022%5CR1-2208818.zip) Draft CR on the description of candidate slots for partial sensing OPPO
7. [R1-2208819](file:///C%3A%5C3GPP%5CRAN1_Meetings%5CTdocs%5C2022%5CR1-2208819.zip) Draft CR on starting slot and pre-condition in re-evaluation and pre-emption checking for partial sensing OPPO
8. [R1-2208919](file:///C%3A%5C3GPP%5CRAN1_Meetings%5CTdocs%5C2022%5CR1-2208919.zip) Correction on the operations of partial sensing CATT, GOHIGH
9. [R1-2208922](file:///C%3A%5C3GPP%5CRAN1_Meetings%5CTdocs%5C2022%5CR1-2208922.zip) Discussion on remaining issues for R17 eSL power saving RA maintenance CATT, GOHIGH
10. [R1-2209309](file:///C%3A%5C3GPP%5CRAN1_Meetings%5CTdocs%5C2022%5CR1-2209309.zip) Corrections on the selection of Y or Y’ candidate slots for partial sensing CMCC
11. [R1-2209562](file:///C%3A%5C3GPP%5CRAN1_Meetings%5CTdocs%5C2022%5CR1-2209562.zip) Correction on Q formula for the second most recent periodic sensing occasion Apple
12. [R1-2209563](file:///C%3A%5C3GPP%5CRAN1_Meetings%5CTdocs%5C2022%5CR1-2209563.zip) Correction on CPS monitoring length during sidelink DRX inactive time Apple
13. [R1-2209676](file:///C%3A%5C3GPP%5CRAN1_Meetings%5CTdocs%5C2022%5CR1-2209676.zip) Clarification on pre-emption and re-evaluation for periodic transmission in partial sensing Sharp
14. [R1-2209677](file:///C%3A%5C3GPP%5CRAN1_Meetings%5CTdocs%5C2022%5CR1-2209677.zip) Clarification on monitoring slots for pre-emption check due to half-duplex constraint in partial sensing Sharp
15. [R1-2209678](file:///C%3A%5C3GPP%5CRAN1_Meetings%5CTdocs%5C2022%5CR1-2209678.zip) Correction on candidate slots selection for partial sensing Sharp
16. [R1-2209680](file:///C%3A%5C3GPP%5CRAN1_Meetings%5CTdocs%5C2022%5CR1-2209680.zip) Clarification on Preserve for periodic based partial sensing Sharp
17. [R1-2209681](file:///C%3A%5C3GPP%5CRAN1_Meetings%5CTdocs%5C2022%5CR1-2209681.zip) Clarification on candidate slots for aperiodic transmission in partial sensing Sharp
18. [R1-2209683](file:///C%3A%5C3GPP%5CRAN1_Meetings%5CTdocs%5C2022%5CR1-2209683.zip) Remaining issues on NR sidelink enhancement Sharp
19. [R1-2209827](file:///C%3A%5C3GPP%5CRAN1_Meetings%5CTdocs%5C2022%5CR1-2209827.zip) Correction on Q formula in step 6 of sensing and resource exclusion procedure in TS 38.214 Huawei, HiSilicon
20. [R1-2209828](file:///C%3A%5C3GPP%5CRAN1_Meetings%5CTdocs%5C2022%5CR1-2209828.zip) Correction on description of random resource selection in TS 38.214 Huawei, HiSilicon
21. [R1-2209874](file:///C%3A%5C3GPP%5CRAN1_Meetings%5CTdocs%5C2022%5CR1-2209874.zip) Draft CR on half-duplex consideration for SL re-evaluation/pre-emption check NTT DOCOMO, INC.
22. [R1-2209875](file:///C%3A%5C3GPP%5CRAN1_Meetings%5CTdocs%5C2022%5CR1-2209875.zip) Draft CR on insufficient candidate resources for SL re-evaluation/pre-emption check NTT DOCOMO, INC.
23. [R1-2209876](file:///C%3A%5C3GPP%5CRAN1_Meetings%5CTdocs%5C2022%5CR1-2209876.zip) Draft CR on slot n+T3 excluded from SL re-evaluation/pre-emption check NTT DOCOMO, INC.
24. [R1-2209877](file:///C%3A%5C3GPP%5CRAN1_Meetings%5CTdocs%5C2022%5CR1-2209877.zip) Draft CR on Y/Y’ candidate slots for SL partial sensing NTT DOCOMO, INC.
25. [R1-2210125](file:///C%3A%5C3GPP%5CRAN1_Meetings%5CTdocs%5C2022%5CR1-2210125.zip) [Draft] Consideration of associated processing times for contiguous partial sensing Ericsson
26. [R1-2210126](file:///C%3A%5C3GPP%5CRAN1_Meetings%5CTdocs%5C2022%5CR1-2210126.zip) [Draft] Correction to allowed resource selection mechanisms in a resource pool in mode 2 Ericsson
27. [R1-2210127](file:///C%3A%5C3GPP%5CRAN1_Meetings%5CTdocs%5C2022%5CR1-2210127.zip) [Draft] Correction to contiguous partial sensing window Ericsson
28. [R1-2210154](file:///C%3A%5C3GPP%5CRAN1_Meetings%5CTdocs%5C2022%5CR1-2210154.zip) Draft CR on corrections for the description of candidate slots in TS38.214 Lenovo
	1. Inter-UE coordination for Mode 2 enhancements
29. R1-2208385 Discussion on correction for inter-UE coordination Scheme 2 determination of UE-B FUTUREWEI
30. R1-2208386 Discussion on resolving ambiguous text in 38.214 FUTUREWEI
31. R1-2208609 Clarification on missing field descriptions of SCI 2-C vivo
32. R1-2208611 Clarification for inter-UE coordination scheme-2 vivo
33. R1-2208612 Clarification on IUC related transmission based on latency bound vivo
34. R1-2208613 Corrections for missing functions of SCI 2-c vivo
35. R1-2208716 Field naming alignment for SCI format 2-C in TS38.214 ZTE, Sanechips
36. R1-2208717 Clarification on Condition 2-A-1 for scheme 2 ZTE, Sanechips
37. R1-2208718 Clarification on Condition 2-A-2 for scheme 2 ZTE, Sanechips
38. R1-2208719 Corrections on misalignment for RRC parameters in TS 38.214 ZTE, Sanechips
39. R1-2208720 Corrections on misalignment for RRC parameters in TS 38.213 ZTE, Sanechips
40. R1-2208721 Corrections on misalignment for RRC parameters in TS 38.212 ZTE, Sanechips
41. R1-2208920 Correction on resource exclusion behavior with non-preferred resource set CATT, GOHIGH
42. R1-2208921 Discussion on resource exclusion behavior with non-preferred resource set CATT, GOHIGH
43. R1-2209135 Draft CR on RRC parameter name and value misalignment in TS 38.213 NEC
44. R1-2209136 Draft CR on RRC parameter name and value misalignment in TS 38.214 NEC
45. R1-2209564 Correction on determining UE-B among UEs scheduling conflicting TBs Apple
46. R1-2209565 Correction on priority value of PSFCH transmission with conflict information for condition 2-A-2 Apple
47. R1-2209682 Correction on handling of conflict information receiver flag Sharp
48. R1-2209683 Remaining issues on NR sidelink enhancement Sharp
49. R1-2209798 Draft CR on Inter-UE coordination in TS 38.212 ASUSTeK
50. R1-2209799 Draft CR on Inter-UE coordination in TS 38.213 ASUSTeK
51. R1-2209801 Draft CR on Inter-UE coordination in TS 38.214 ASUSTeK
52. R1-2209830 Correction on description of valid PSFCH occasion for scheme 2 in TS 38.213 Huawei, HiSilicon
53. R1-2209873 Draft CR on condition to be UE-A for SL IUC scheme 2 NTT DOCOMO, INC.
54. R1-2209878 Editorial corrections for SL IUC (38.212) NTT DOCOMO, INC.
55. R1-2209879 Editorial corrections for SL IUC (38.213) NTT DOCOMO, INC.
56. R1-2209880 Editorial corrections for SL IUC (38.214) NTT DOCOMO, INC.
57. R1-2209881 Discussion on RAN2-related topics for SL maintenance NTT DOCOMO, INC.
58. R1-2209950 Draft CR on Non-preferred Resources Qualcomm Incorporated
59. R1-2209952 Discussion on Corrections to NR Sidelink Qualcomm Incorporated
60. R1-2210060 Draft CR on the Notes in section 8.1.4C of 38.214 Nokia, Nokia Shanghai Bell
61. R1-2210124 [Draft] Clarification on valid PSFCH occassions for resource conflict information Ericsson
62. R1-2210128 [Draft] Correction to priority definition for Tx and Rx of PSFCH with conflict information Ericsson
63. R1-2210184 Corrections for SL Inter-UE coordination Nokia, Nokia Shanghai Bell
64. R1-2210185 Corrections for SL Inter-UE coordination Nokia, Nokia Shanghai Bell
65. R1-2210203 Correction on UE-A is the destination UE of a TB transmitted by UE-B in TS 38.214 Huawei, HiSilicon
66. R1-2210204 Correction on RRC parameter names and values used for SCI format 1-A and 2-C in TS 38.212 Huawei, HiSilicon
	1. Other issues
67. R1-2208614 Discussion on PDCCH repetition for sidelink vivo
68. R1-2208615 Clarification on PDCCH repetition for sidelink-38.213 vivo
69. R1-2208616 Clarification on PDCCH repetition for sidelink-38.214 vivo
70. R1-2209953 Draft CR on Power Control Parameters Qualcomm Incorporated
71. R1-2210130 [Draft] Modifications on SL open loop power control formulae Ericsson
72. R1-2209829 Correction on power control for PSCCH/PSSCH/PSFCH/S-SSB in TS 38.213 Huawei, HiSilicon
73. R1-2210039 Correction on SL timing Nokia, Nokia Shanghai Bell