3GPP TSG-RAN WG2 Meeting #127 R2-24xxxxx
Maastricht, Netherlands, Aug 19th – 23rd, 2024

Agenda Item: 9.1

Source: Vice Chairman (Samsung)

Title: Report from session on V2X/SL, R18/19 MOB, and R19 NES

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

## Approved outgoing LSs

## 4.2 V2X and Sidelink 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

Tdoc Limitation: 1 tdocs

## 5.2 NR V2X

(5G\_V2X\_NRSL-Core; leading WG: RAN1; REL-16; started: Mar 19; target; Aug 20; WID: [RP-200129](http://ftp.3gpp.org/tsg_ran/TSG_RAN/TSGR_87e/Docs/RP-200129.zip)).

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.).

Tdoc Limitation: 1 tdocs

R2-2407464 MAC correction on resource selection LG Electronics Inc. CR Rel-16 38.321 16.16.0 1915 - D 5G\_V2X\_NRSL-Core

R2-2407472 MAC correction on resource selection LG Electronics Inc. CR Rel-17 38.321 17.9.0 1916 - A 5G\_V2X\_NRSL-Core

R2-2407475 MAC correction on resource selection LG Electronics Inc. CR Rel-18 38.321 18.2.0 1917 - A 5G\_V2X\_NRSL-Core

R2-2406699 Correction to MAC on cast type ZTE Corporation, Sanechips CR Rel-16 38.321 16.16.0 1888 - F 5G\_V2X\_NRSL-Core

## 6.6 NR Sidelink enhancements

(NR\_SL\_enh-Core; leading WG: RAN1; REL-17; WID: [RP-202846](http://ftp.3gpp.org/tsg_ran/TSG_RAN/TSGR_90e/Docs/RP-202846.zip))

Tdoc Limitation: 1 tdoc

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.).

R2-2406262 Correction on resource (re)selection for IUC OPPO CR Rel-17 38.321 17.9.0 1873 - F NR\_SL\_enh-Core

R2-2406263 Correction on resource (re)selection for IUC OPPO CR Rel-18 38.321 18.2.0 1874 - A NR\_SL\_enh-Core

R2-2406514 Correction on prioritization between SL transmission and MAC CE-triggered SR ASUSTeK CR Rel-17 38.321 17.9.0 1886 - F NR\_SL\_enh-Core

R2-2406515 Correction on prioritization between SL transmission and MAC CE-triggered SR ASUSTeK CR Rel-18 38.321 18.2.0 1887 - A NR\_SL\_enh-Core, NR\_SL\_enh2

R2-2407011 Correction on SL IUC and SL DRX configurations for SL enhancements Huawei, HiSilicon CR Rel-17 38.331 17.9.0 4913 - F NR\_SL\_enh-Core

R2-2407012 Correction on SL IUC and SL DRX configurations for SL enhancements Huawei, HiSilicon CR Rel-18 38.331 18.2.0 4914 - A NR\_SL\_enh-Core

R2-2407019 Correction to MAC on HARQ feedback indicator Ericsson CR Rel-17 38.321 17.9.0 1895 - F NR\_SL\_enh-Core

R2-2407246 Correction to MAC on HARQ feedback indicator Ericsson CR Rel-18 38.321 18.2.0 1906 - A NR\_SL\_enh-Core

R2-2407020 Correction to MAC on cast type Ericsson CR Rel-18 38.321 18.2.0 1896 - A NR\_SL\_enh-Core Withdrawn

R2-2407405 Correction on resource selection for IUC LG Electronics Inc. CR Rel-17 38.321 17.9.0 1909 - F NR\_SL\_enh-Core Withdrawn

R2-2407412 Correction on resource selection for IUC LG Electronics Inc. CR Rel-18 38.321 18.2.0 1910 - A NR\_SL\_enh-Core Withdrawn

## 7.4 Further NR mobility enhancements

(NR\_Mob\_enh2-Core; leading WG: RAN2; REL-18; WID:RP-233970)

Time budget: 0 TU)

Tdoc Limitation: 2 tdocs.

### 7.4.1 Organizational

Including incoming LSs and rapporteur inputs.

R2-2406217 Reply LS on intra-SN SCPAC in MN format (R3-243775; contact: ZTE) RAN3 LS in Rel-18 NR\_Mob\_enh2-Core To:RAN2

R2-2406227 Reply LS on LTM L1 intra and inter-frequency measurements (R4-2410303; contact: Ericsson) RAN4 LS in Rel-18 NR\_Mob\_enh2-Core To:RAN2 Cc:RAN1

### 7.4.2 Control plane corrections

Including stage 2 and control plane (e.g. RRC) corrections (including [Post126][514][R18MobE]). A single CR with miscellaneous corrections is requested; minor and editorial issues should be coordinated with the CR rapporteur and merged into the miscellaneous CR. A contribution can include multiple TPs. Note RRC CR rapporteur’s summary and suggestion (based on the submitted contributions) may be provided.

**UE measured TA:**

P4, P5, P6 and P7 in R2-2406337 (MediaTek)

Proposal 4: In clause 5.3.5.18.6, correct the procedural text so that the UE stops the UE-based TA measurements for the LTM candidate which becomes the current SpCell.

Proposal 5: In clause 5.3.5.18.6, correct the procedural text so that the UE does not start the UE-based TA measurements for the LTM candidate which becomes the current SpCell.

Proposal 6: In clause 5.3.5.18.6, remove the unnecessary procedural text to stop the UE-based TA measurements when the LTM candidate which becomes the current SpCell does not have field ltm-UE-MeasuredTA-ID.

Proposal 7: RAN2 to discuss if and how to capture handling of the UE-based TA measurements for the scenario where the SpCell changes by L3 mobility procedure (handover/PSCell change) while LTM is configured.

P1a, P1c, P2, P3 in R2-2407200 (Huawei)

Proposal 1a: Confirm the understanding that the information to lower layers that the UE is configured with UE-based TA measurements for a candidate remains valid after LTM cell switch, if there is no new explicit information.

Proposal 1c: Discuss whether there is a need to clarify that after LTM cell switch to a candidate configuration for which the UE was configured with UE-based TA measurements, the UE considers itself as configured with UE-based TA measurements for the candidate configuration whose PCell is the previous UE PCell.

Proposal 2: Capture in the LTM candidate configuration addition/modification procedures that, when ltm-UE-MeasuredTA-ID is not present for a LTM candidate configuration, the UE informs lower layers that UE-based TA measurement is not configured. (See Annex TP)

Proposal 3: Capture that when the network configures LTM candidates with ltm-UE-MeasuredTA-ID, the network ensures that the UE has a value stored in ltm-ServingCellUE-MeasuredTA-ID.

**LTM Configuration:**

P1 in R2-2406726 (Apple)

Proposal 1: RAN2 clarify whether the nested ltm-Config is supported or not.

Proposal 2: If the nested ltm-Config is supported, RAN2 confirm the understanding in Observation 3 and Observation 4 on how to handle the nested ltm-Config.

Proposal 3: Confirm that that network may provide the ltm-Config without ltm-CSI-ResourceConfig.

**SpCell reporting:**

P2 in R2-2406337 (MediaTek)

Proposal 2: In the field description of spcellInclusion, clarify that it cannot be set to True if SpCell resources are not included in LTM-CSI-ResourceConfig.

**Unified TCI state type:**

P3 in R2-2406337 (MediaTek)

Proposal 3: In the field description of unifiedTCI-StateType, specify that the UE applies value separate if unifiedTCI-StateType is absent in LTM-TCI-Info. In addition, change the need code of unifiedTCI-StateType to Need S.

**Early decoding:**

P1 in R2-2406847 (Nokia)

Proposal 1: NW indicates which cells (e.g. by providing a list of cells) are subject to early ASN.1 decoding. This indication is included in the RRCReconfiguration message used to configure LTM.

P5 in R2-2407200 (Huawei)

Proposal 5: The network does not indicate which LTM candidate configurations can be fast processed by the UE. Fast RRC processing for LTM candidate configurations is up to UE implementation.

**Configuration for UL early sync:**

R2-2407370 Discussion on PRACH occasion validation for LTM Qualcomm Incorporated discussion

Proposal 1: RAN2 to agree adding a new IE ltm-tdd-UL-DL-ConfigurationCommon-r18 in LTM-Candidate-r18.

**L2 reset only in inter-DU only or allowed for intra-DU also?**

P5 in R2-2407050 (Samsung)

Proposal 5: RAN2 is kindly asked to confirm that L2 reset is also applicable for the intra-DU LTM case, and an LS can be sent to RAN3.

**Measurement gap for L1 and L3 measurements:**

P8 and P9 in R2-2407050 (Samsung)

Proposal 8: In NR-DC, MN considers the LTM configuration in SN (and MN) and the capabilities 39-2 and 39-3 while configuring measurement gaps.

Proposal 9: SN can inform the NR-ARFCN, physical cell-id (PCI) and SSB configuration of its LTM candidate cells to MN in CG-Config INM.

P1 in R2-2407176 (Ericsson)

Proposal 1: The existing measurement gaps framework is re-used for LTM without the need to introduce new signalling.

**SRB5 handling during SCPAC:**

P11 in R2-2407050 (Samsung)

Proposal 11: Capture the handling of SRB5 during Subsequent CPAC execution (as in TP4).

**discardOnPDCP and reestablishRLC in SCPAC:**

P1 in R2-2406531 (OPPO)

Proposal 1: Add the restriction that the NW does not include discardOnPDCP and reestablishRLC for SRB3 in case of SCPAC in MN format.

**UL Skipping and LTM cell switch:**

P2 in R2-2407176 (Ericsson)

Proposal 2: If UL skipping is configured, the UE ignore the UL skipping indication for the first transmission in the target cell during an LTM cell switch procedure, i.e. the UE always performs the first transmission.

**PDCCH monitoring upon LTM Cell Switch Command:**

P3 in R2-2407176 (Ericsson)

Proposal 3 RAN2 to clarify at which point, after the reception of the LTM cell switch MAC CE, the UE starts to monitor the PDCCH.

**UE Capabilities:**

R2-2406476 Report of [Post126][514][R18MobE] UE capabilities Open Issues (Intel) Intel Corporation report Rel-18 NR\_Mob\_enh2-Core

Proposal #1: No dependency between LTM and L1 measurements is captured in RAN2 specs (306, 331, 300). Any such dependency can be based on RAN4 defined performance requirements. Inform RAN1/4 of RAN2 decisions.

Proposal #2: BC of the Intra and Inter-frequency measurements is “Option 1: The BC granularity is BC of serving cells”.

Proposal #3: Discuss whether to introduce another capability bit which indicates that UE supports inter-frequency L1 measurements only in bands of that BC

Proposal #4: Chose option 2+4 for LTM MCG and SCG capabilities. That is, define capabilities per band consistent across all TDD-FR1 bands, all TDD-FR2-1 bands and all TDD-FR2-2 bands. And introduce another capability bit (per UE) to indicate inter-frequency LTM (UE indicating this capability shall also support intra-freq, (MCG or SCG) LTM i.e, the default indicated by the per band bits).

Proposal #5: Send LS to RAN1 to get clarification on whether RAN1 capabilities 45-3a/4a, 45-5/5a/6 can also be different intra and inter-frequency.

R2-2406477 Draft 331 CR on updates to UE FeMob LTM capabilities Intel Corporation draftCR Rel-18 38.331 18.2.0 NR\_Mob\_enh2-Core

R2-2406478 Draft 306 CR on updates to UE FeMob LTM capabilities Intel Corporation draftCR Rel-18 38.306 18.2.0 NR\_Mob\_enh2-Core

R2-2406852 Discussion on LTM fast processing capabilities Google Ireland Limited discussion Rel-18 38.306

Proposal 1: Clarify in the field description that maxNumberConfigs-r18 indicates the maximum number of LTMCandidateConfigs for which the UE can perform early ASN.1 decoding and validity check as specified clause 6.3 in TS 38.133.

Proposal 2: Clarify the meaning of maxNumberConfigs-r18 in TS 38.306 using one of the following options:

Option 1: maxNumberConfigs-r18 represents the total number of LTMCandidateConfigs and ltm-ReferenceConfiguration for which the UE can perform early ASN.1 decoding and validity check.

Option 2: maxNumberConfigs-r18 represents the maximum number of LTMCandidateConfigs for which the UE can perform early ASN.1 decoding and validity check, as described in TS 38.133. The UE indicating the maxNumberConfigs-r18 shall perform early ASN.1 decoding and validity check for the ltm-ReferenceConfiguration if received.

Proposal 3: maxNumberStoredConfigCells-r18 indicates the maximum number of serving cell(s) and candidate cell(s), including serving SpCell(s), serving SCell(s) in MCG and SCG, SpCell in LTMCandidateConfig(s) and ltm-ReferenceConfiguration(s), and Scell(s) in LTMCandidateConfig(s) and ltm-ReferenceConfiguration(s) for MCG and SCG, that UE can store the configurations.

Proposal 4: RAN2 should discuss and clarify whether UEs not supporting LTM fast processing should indicate maxNumberStoredConfigCells-r18.

R2-2406355 Leftover LTM UE capability issues MediaTek Inc. discussion Rel-18 NR\_Mob\_enh2-Core

 Per band pair per band combination granularity

R2-2406418 Inter-node coordination on L1 measurement for LTM ZTE Corporation discussion Rel-18 NR\_Mob\_enh2-Core

* [AT127][104][MOB] (MediaTek, ZTE)

 **Scope:** Discuss proposals in R2-2406355 and R2-2406418. Make proposals based on companies’ understanding and comments. F2F offline discussion is asked.

 **Intended outcome:** Discussion summary in R2-2407584.

**Deadline:** Comeback in Thursday CB session.

**Others to be discussed as part of CR preparation:**

P1, P2, and P3 in R2-2406332 (CATT)

P3 in R2-2406337 (MediaTek)

P1, P2, P3, P6, and P7 in R2-2407050 (Samsung)

CR in R2-2407175 (Ericsson)

* [AT127][105][MOB] (Ericsson)

 **Scope:** Discuss P1, P2, and P3 in R2-2406332, P3 in R2-2406337, P1, P2, P3, P6, P7 in R2-2407050, and corrections in R2-2407175. Update the CR merging corrections (if agreeable).

 **Intended outcome:** Endorsed RRC CR in R2-2407585.

**Deadline:** Comeback in Thursday CB session.

**37.340 Correction:**

R2-2406417 Miscellaneous corrections for mobility enhancements ZTE Corporation CR Rel-18 37.340 18.2.0 0399 - F NR\_Mob\_enh2-Core

R2-2407091 Draft CR for subsequent CPAC corrections Ericsson draftCR Rel-18 37.340 18.2.0 F NR\_Mob\_enh2-Core

* [AT127][106][MOB] (ZTE)

 **Scope:** Discuss corrections in R2-2406417 and R2-2407091. Update the CR merging corrections (if agreeable).

 **Intended outcome:** 37.340 CR in R2-2407586.

**Deadline:** Comeback in Thursday CB session.

**38.300 Correction:**

R2-2407449 TP for Stage 2 in coexistence case Lenovo discussion Rel-18 NR\_Mob\_enh2-Core

**Others:**

S-Measure and L3 measurements on L1 LTM candidate cells (P1 in R2-2406438)

Security configuration for SCPAC and EMR reselection MR (R2-2407072)

R2-2406332 Miscellaneous Corrections for SCPAC CATT discussion Rel-18 NR\_Mob\_enh2-Core

R2-2406337 Rel-18 LTM CP remaining issues MediaTek Inc. discussion Rel-18 NR\_Mob\_enh2-Core

R2-2406355 Leftover LTM UE capability issues MediaTek Inc. discussion Rel-18 NR\_Mob\_enh2-Core

R2-2406418 Inter-node coordination on L1 measurement for LTM ZTE Corporation discussion Rel-18 NR\_Mob\_enh2-Core

R2-2406438 Discussion on the impact of s-Measure on L1 measurement vivo discussion Rel-18 NR\_Mob\_enh2-Core

R2-2406476 Report of [Post126][514][R18MobE] UE capabilities Open Issues (Intel) Intel Corporation report Rel-18 NR\_Mob\_enh2-Core

R2-2406477 Draft 331 CR on updates to UE FeMob LTM capabilities Intel Corporation draftCR Rel-18 38.331 18.2.0 NR\_Mob\_enh2-Core

R2-2406478 Draft 306 CR on updates to UE FeMob LTM capabilities Intel Corporation draftCR Rel-18 38.306 18.2.0 NR\_Mob\_enh2-Core

R2-2406531 Discussion on remaining issues for SCPAC OPPO discussion Rel-18 NR\_Mob\_enh2-Core

R2-2406552 Triggering LTM Cell Switch without L1 Measurement and Reports Google Ireland Limited discussion Rel-18 NR\_Mob\_enh2-Core

R2-2406726 Clarification on LTM configuration Apple discussion Rel-18 NR\_Mob\_enh2-Core

R2-2406847 Miscellaneous Rel-18 LTM Corrections (Early decoding, TA acquisition and estimation) Nokia discussion Rel-18 NR\_Mob\_enh2-Core

R2-2406852 Discussion on LTM fast processing capabilities Google Ireland Limited discussion Rel-18 38.306

R2-2407050 RRC corrections for Mobility Enhancements Samsung discussion

R2-2407072 correction related to security configuration for SCPAC and corrections on EMR reselection measurement reporting Nokia discussion

R2-2407091 Draft CR for subsequent CPAC corrections Ericsson draftCR Rel-18 37.340 18.2.0 F NR\_Mob\_enh2-Core

R2-2407175 Misc RRC corrections for feMob Ericsson (Rapportuer) CR Rel-18 38.331 18.2.0 4930 - F NR\_Mob\_enh2-Core

R2-2407176 Remaining issues related to LTM Ericsson discussion Rel-18 NR\_Mob\_enh2-Core

R2-2407177 Summary of RRC proposals for feMob Ericsson discussion Rel-18 NR\_Mob\_enh2-Core Late

R2-2407200 RRC issues for LTM Huawei, HiSilicon discussion Rel-18 NR\_Mob\_enh2-Core

R2-2407370 Discussion on PRACH occasion validation for LTM Qualcomm Incorporated discussion

R2-2407410 Correction on LTM related procedure for UE-based TA measurement Sharp CR Rel-18 38.331 18.2.0 4950 - F NR\_Mob\_enh2-Core

R2-2407449 TP for Stage 2 in coexistence case Lenovo discussion Rel-18 NR\_Mob\_enh2-Core

### 7.4.3 User plane corrections

Including user plane (e.g. MAC) corrections. A single CR with miscellaneous corrections is requested; minor and editorial issues should be coordinated with the CR rapporteur and merged into the miscellaneous CR. A contribution can include multiple TPs. Note MAC CR rapporteur’s summary and suggestion (based on the submitted contributions) may be provided.

**Carrier selection for RACH-less LTM:**

P1 in R2-2406530 (OPPO)

Proposal 1 For RACH-LESS LTM, RAN2 to discuss the way to determine UL carrier with the following three alternatives:

a. introduce a RSRP\_threshold for NUL/SUL selection;

b. indicate NUL/SUL in LTM ccell switch MAC CE;

c. CG resource for RACH-LESS LTM execution is configured on NUL.

**CG retransmission timer:**

P1 in R2-2406853 (NEC)

Proposal 1: The UE stops the cg-RRC-RetransmissionTimer when the uplink grant for a new transmission on the same HARQ process used for the first PUSCH transmission is received.

**MR Gap and first PUSCH:**

P3 in R2-2406853 (NEC)

Proposal 3: During activated measurement gaps, the UE can transmit the first PUSCH transmission during RACH-less LTM cell switch or first PUSCH transmission during RACH-less handover.

**RACH based LTM and 2 TAs:**

P1, P2, P3, and P4 in R2-2406439 (Vivo)

Proposal 1: Support the co-existence between RACH-based LTM and R18 MIMO two TA, i.e., the LTM candidate cell could be configured with R18 MIMO two TA.

Proposal 2: RAN2 to confirm the mismatch issue occurs when the TCI state ID indicated in the LTM Cell Switch MAC CE is associated to one TAG while the TA value in the RACH RAR is associated to another TAG, assuming the co-existence between RACH-based LTM and R18 MIMO two TA is supported.

Proposal 3: RAN2 selects from the following three options to address the mismatch issue that the TCI state ID indicated in the LTM Cell Switch Command MAC CE and TA value in the RAR within the RACH based LTM procedure are associated to different TAGs:

− Option 2: Target DU sends a new TCI state in RACH Msg 4.

− Option 3: If the mismatch issue occurs, UE follows the TCI state associate with the RACH based LTM procedure. Otherwise, UE follows the indicated TCI-state in the LTM cell switch command.

− Option 4: UE selects the SSB associated with the same TAG ID as the TAG ID associated with indicated TCI state in LTM Cell Switch Command MAC CE during the RACH based LTM procedure.

Proposal 4: If Option 3 in Proposal 2 is agreed, send an LS to RAN1 to inform the mismatch issue between the TCI state in LTM MAC CE and TA value in RAR and provide the corresponding solution.

**Fall-back RACH from RACH-less LTM:**

P1, P2 in R2-2406517 (ASUSTek)

Proposal 1: For RACH-less LTM, the UE falls back to RACH-based LTM in the target Cell when the SS-RSRP of the SSB corresponding to the configured uplink grant that has the same SSB index as the SSB associated with the TCI state indicated by LTM Cell Switch Command MAC CE is lower than a threshold.

Proposal 2: Adopt text proposal below as baseline for fallback RACH for LTM.

**Others to be discussed as part of CR preparation:**

R2-2406331 (CATT)

R2-2406349 (Samsung)

P5, P6 in R2-2406439 (Vivo)

R2-2407197 (Huawei)

P1 in R2-2407433 (ZTE)

P2 in R2-2406853 (NEC)

* [AT127][106][MOB] (Huawei)

 **Scope:** Discuss R2-2406331, R2-2406349, P5, P6 in R2-2406439, R2-2407197, P1 in R2-2407433, and R2-2406853. Update the CR merging corrections (if agreeable).

 **Intended outcome:** Endorsed RRC CR in R2-2407587.

**Deadline:** Comeback in Thursday CB session.

R2-2406331 Corrections to TS 38.321 for LTM CATT discussion Rel-18 NR\_Mob\_enh2-Core

R2-2406349 MAC corrections for LTM Samsung Electronics Co., Ltd discussion Rel-18 NR\_Mob\_enh2-Core

R2-2406439 Discussion on MAC open issue for LTM vivo discussion Rel-18 NR\_Mob\_enh2-Core

R2-2406517 Discussion on fallback RACH for LTM ASUSTeK discussion Rel-18 38.321 NR\_Mob\_enh2-Core

R2-2406530 Discussion on carrier selection for RACH-LESS LTM OPPO discussion Rel-18 NR\_Mob\_enh2-Core

R2-2406853 Corrections of MAC issues for RACH-less LTM NEC discussion Rel-18 NR\_Mob\_enh2-Core

R2-2407197 User plane corrections for LTM Huawei, HiSilicon CR Rel-18 38.321 18.2.0 1904 - F NR\_Mob\_enh2-Core

=> Revised in R2-2407563

R2-2407563 User plane corrections for LTM Huawei, HiSilicon CR Rel-18 38.321 18.2.0 1904 1 F NR\_Mob\_enh2-Core

R2-2407198 MAC CR rapporteur summary Huawei, HiSilicon discussion Rel-18 NR\_Mob\_enh2-Core Late

R2-2407199 Issues for RACH-less LTM cell switch Huawei, HiSilicon discussion Rel-18 NR\_Mob\_enh2-Core

R2-2407433 Consideration on Remaining Issues on LTM UP Aspect ZTE Corporation discussion Rel-18 NR\_Mob\_enh2-Core

## 7.15 NR Sidelink evolution

(NR\_SL\_enh2; leading WG: RAN1; REL-18; WID: [RP-230077](http://ftp.3gpp.org/tsg_ran/TSG_RAN/TSGR_99/Docs/RP-230077.zip))

Time budget: 0 TU

Tdoc Limitation: 1 tdocs

### 7.15.1 Organizational

Including incoming LSs and rapporteur inputs.

R2-2406209 Reply LS on Sidelink Feature Co-configuration (R1-2405530; contact: OPPO) RAN1 LS in Rel-18 NR\_SL\_enh2-Core To:RAN2

* MAC CR rapporteur will update the corresponding MAC changes (if needed).

### 7.15.2 Corrections

Including corrections to all specifications. A single CR with miscellaneous corrections is requested; minor and editorial issues should be coordinated with the CR rapporteur and merged into the miscellaneous CR. A contribution can include multiple TPs. Note RRC and MAC CR rapporteurs’ summary and suggestion (based on the submitted contributions) may be provided.

**TX carrier selection for SL MAC CE:**

P1 in R2-2406746 (LG)

Proposal 1. Carrier selection of SL IUC Request MAC CE, Condition based SL IUC Information MAC CE and SL DRX command MAC CE uses the same procedure as the carrier selection procedure of logical channel data.

P1 in R2-2407131 (Nokia)

Proposal 1: Enhancements to Tx carrier (re-)selection for SL IUC Request MAC CE, Condition based SL IUC Information MAC CE should not be considered.

**Legacy carrier selection in TX carrier selection:**

R2-2406700 Correction on legacy carrier selection ZTE Corporation, Sanechips CR Rel-18 38.321 18.2.0 1889 - F NR\_SL\_enh2-Core

**TP on IUC/DRX in Co-Ex:**

R2-2406584 Discussion on MAC corrections when supporting IUC and DRX in Co-Ex LG Electronics France discussion Rel-18 38.321 NR\_SL\_enh2

**Correction on MCSt:**

R2-2406316 Correction on selection of resources for MCSt CATT, CICTCI draftCR Rel-18 38.321 18.2.0 F NR\_SL\_enh2

**Correction on prioritization:**

R2-2406518 Discussion on SR prioritization regarding SL transmission ASUSTeK discussion Rel-18 38.321 NR\_SL\_enh2

**Correction on LCP restriction:**

R2-2406806 Correction to per-LCH carrier set restriction in LCP Ericsson draftCR Rel-18 38.321 18.2.0 NR\_SL\_enh2

**Others on MAC:**

R2-2406596 Miscellaneous corrections for SL evolution Huawei, HiSilicon discussion Rel-18 NR\_SL\_enh2-Core

R2-2407381 MAC corrections on Release-18 Sidelink evolution LG Electronics Inc. CR Rel-18 38.321 18.2.0 1907 - F NR\_SL\_enh2

* [AT127][101][V2X/SL] (LG)

 **Scope:** Capture all agreements made in RAN2#127.

 **Intended outcome:** MAC CR in R2-2407581.

**Deadline:** Comeback in Thursday CB session.

R2-2406265 Miscellaneous correction on R18 SL Evolution OPPO CR Rel-18 38.331 18.2.0 4863 - F NR\_SL\_enh2

R2-2407372 Correction on setuprelease type sidelink fields handling Google CR Rel-18 38.331 18.2.0 4821 1 F NR\_SL\_enh2 R2-2405322

* [AT127][102][V2X/SL] (OPPO)

 **Scope:** Discuss changes in R2-2406265 and R2-2407372, and prepare RRC CR.

 **Intended outcome:** RRC CR in R2-2407582.

**Deadline:** Comeback in Thursday CB session.

R2-2407388 Rapporteur Stage 2 Corrections for NR Sidelink Evolution InterDigital France R&D, SAS, NEC CR Rel-18 38.300 18.2.0 0893 - F NR\_SL\_enh2

R2-2406554 TP for SL CA in TS38300 NEC discussion NR\_SL\_enh2

* [AT127][103][V2X/SL] (IDC)

 **Scope:** Discuss changes in R2-2407388 and R2-2406554, and prepare 38.300 CR.

 **Intended outcome:** 38.300 CR in R2-2407583.

**Deadline:** Comeback in Thursday CB session.

R2-2406264 Discussion on LS R1-2405530 OPPO discussion Rel-18 NR\_SL\_enh2

R2-2406746 Discussion on carrier selection for SL MAC CE(s) LG Electronics Inc. discussion Rel-18 38.321 NR\_SL\_enh2

R2-2407131 Carrier reselection for IUC Nokia discussion

## 8.5 Network Energy Saving Enh.

(Netw\_Energy\_NR\_enh-Core; leading WG: RAN1; REL-19; WID: [RP-241650](https://www.3gpp.org/ftp/meetings_3gpp_sync/ran/docs/RP-241650.zip) )

Time budget: 1 TU

Tdoc Limitation: 3 tdocs

### 8.5.1 Organizational

Including incoming LSs and rapporteur inputs.

### 8.5.2 On-demand SSB SCell operation

RAN2 spec impacts and high-level solutions.

R2-2406266 Discussion on On-Demand SSB OPPO discussion Rel-19 Netw\_Energy\_NR\_enh-Core

R2-2406347 On-demand SSB SCell Operation Samsung Electronics Co., Ltd discussion Rel-19 Netw\_Energy\_NR\_enh-Core

R2-2406425 Discussion on on-demand SSB Xiaomi discussion

R2-2406444 On-demand SSB SCell operation in connected mode ZTE Corporation, Sanechips discussion Rel-19 Netw\_Energy\_NR\_enh-Core

R2-2406469 RAN2 impacts to enable on-demand SSB SCell Intel Corporation discussion Rel-19 Netw\_Energy\_NR\_enh-Core

R2-2406620 On-demand SSB Scell operation discussion Sony discussion Rel-19 Netw\_Energy\_NR\_enh-Core

R2-2406669 Discussion on RAN2 work of on-demand SSB for Scell Apple discussion Rel-19 Netw\_Energy\_NR\_enh-Core

R2-2406721 Discussion on on-demand SSB SCell operation vivo discussion Rel-19

R2-2406749 Discussion on on-demand SSB Scell operation Spreadtrum Communications discussion Rel-19

R2-2406889 Issues on the procedure of on-demand SSB SCell operation Lenovo discussion Rel-19

R2-2406895 Discussion on on-demand SSB China Telecom discussion Rel-19 Netw\_Energy\_NR\_enh-Core

R2-2406954 On demand SSB handling Nokia, Nokia Shanghai Bell discussion Rel-19 Netw\_Energy\_NR\_enh-Core

R2-2406979 Discussion on on-demand SSB CMCC discussion Rel-19 Netw\_Energy\_NR\_enh-Core

R2-2407002 Consideration on on-demand SSB SCell operation CATT discussion Rel-19 Netw\_Energy\_NR\_enh-Core

R2-2407039 Discussion on on-demand SSB for NES Ericsson discussion Rel-19 Netw\_Energy\_NR\_enh-Core

R2-2407123 Discussion on On-demand SSB for SCell NEC discussion Rel-19 Netw\_Energy\_NR\_enh-Core

R2-2407158 On-demand SSB SCell operation LG Electronics Inc. discussion Rel-19 Netw\_Energy\_NR\_enh-Core

R2-2407161 Discussion on On-demand SSB SCell Operation Qualcomm discussion

R2-2407162 Discussion on On-demand SIB1 Qualcomm Incorporated discussion

R2-2407185 On demand SSB transmission for SCell InterDigital discussion Rel-19 Netw\_Energy\_NR\_enh-Core

R2-2407271 Discussion on on-demand SSB SCell operation Fujitsu discussion Rel-19 Netw\_Energy\_NR\_enh-Core

R2-2407304 Discussion on on-demand SSB SCell operation for NES Huawei, HiSilicon discussion Rel-19 Netw\_Energy\_NR\_enh-Core

R2-2407414 Discussion on on-demand SSB SCell operation Sharp discussion

### 8.5.3 On-demand SIB1

Leftover issues from RAN2#126 and remaining essential issues for study (e.g. need of WUS configuration acquisition from NES cell (if needed, what’s use cases and how it works)?, need of SIB1 validity (if needed, what’s use case and how it works), whether/how to support case 3 defined in RAN1 (e.g. reuse/enhance on-demand SIB request procedure)?, etc.). Note study of OD-SIB1 needs to be concluded

R2-2406346 On-demand SIB1 Samsung Electronics Co., Ltd discussion Rel-19 Netw\_Energy\_NR\_enh-Core

R2-2406359 Discussion on on-demand SIB1 Xiaomi discussion Rel-19

R2-2406445 Remaining issues of on-demand SIB1 in idle and inactive mode ZTE Corporation, Sanechips discussion Rel-19 Netw\_Energy\_NR\_enh-Core

R2-2406470 Remaining details to enable on-demand SIB1 Intel Corporation discussion Rel-19 Netw\_Energy\_NR\_enh-Core

R2-2406569 The procedure for the on-demand SIB1 transmission Google discussion Rel-19 Netw\_Energy\_NR\_enh-Core

R2-2406605 Discussion on on-demand SIB1 operation for NES Huawei, HiSilicon discussion Rel-19 Netw\_Energy\_NR\_enh-Core

R2-2406621 On-demand SIB1 for IDLE/INACTIVE UEs Sony discussion Rel-19 Netw\_Energy\_NR\_enh-Core

R2-2406622 Further study on Case 3 in on-demand SIB1 Sony discussion Rel-19 Netw\_Energy\_NR\_enh-Core

R2-2406653 Discussion on On-demand SIB1 for RAR KDDI Corporation discussion Rel-19

R2-2406659 Discussion on on-demand SIB1 transmission for network energy savings Fujitsu Limited discussion Rel-19 Netw\_Energy\_NR\_enh-Core

R2-2406670 Finalize study of on-demand SIB1 Apple Inc, BT Plc discussion Rel-19 Netw\_Energy\_NR\_enh-Core

R2-2406722 Discussion on on-demand SIB1 for RRC IDLE and INACTIVE UE vivo discussion Rel-19

R2-2406780 Consideration on on-demand SIB1 OPPO discussion Rel-19 Netw\_Energy\_NR\_enh-Core

R2-2406804 Discussion on on-demand SIB1 Sharp discussion

R2-2406896 Discussion on left issues of on-demand SIB1 China Telecom discussion Rel-19 Netw\_Energy\_NR\_enh-Core

R2-2406955 On demand SIB1 handling Nokia, Nokia Shanghai Bell discussion Rel-19 Netw\_Energy\_NR\_enh-Core

R2-2406980 Discussion on on-demand SIB1 CMCC discussion Rel-19 Netw\_Energy\_NR\_enh-Core

R2-2407003 Consideration on on-demand SIB1 issues CATT discussion Rel-19 Netw\_Energy\_NR\_enh-Core

R2-2407041 Discussion on on-demand SIB1 for NES Ericsson discussion Rel-19 Netw\_Energy\_NR\_enh-Core

R2-2407042 Discussion on on-demand SIB1 for NES Rakuten Mobile, Inc discussion Rel-19

R2-2407043 Discussion on On-demand SIB1 procedure and UL WUS configuration NEC discussion

R2-2407051 Detection and access of NES cells with OD-SIB1 Rakuten Mobile, Inc discussion Rel-19

R2-2407159 On-demand transmission of SIB1 LG Electronics Inc. discussion Rel-19 Netw\_Energy\_NR\_enh-Core

R2-2407183 On-demand SIB1 request and reception InterDigital discussion Rel-19 Netw\_Energy\_NR\_enh-Core

R2-2407351 Further discussion on on-demand SIB1 HONOR discussion Rel-19 Netw\_Energy\_NR\_enh-Core

R2-2407438 Remaining essential issues for study Lenovo discussion Netw\_Energy\_NR-Core

R2-2407455 Discussion on on-demand SIB1 NTT DOCOMO INC.. discussion Rel-19 Netw\_Energy\_NR\_enh-Core

R2-2407499 On-demand SIB1 for NES Fraunhofer IIS, Fraunhofer HHI discussion Rel-19

R2-2407540 On-demand SIB1 for Idle/Inactive mode UEs III discussion

### 8.5.4 Adaptation of common signal/channel transmissions

Further consideration of adapation of paging occasions in time domain, legacy UE impact (including barring aspect for paging adaptation), configuration aspect for paging adaptation, RAN2 spec impact and solutions for RACH adaptation and SSB (with consideration of RAN1 progress), etc.

R2-2406270 Discussion on PO confinement options OPPO, Samsung, ZTE, Huawei, HiSilicon, Qualcomm discussion Rel-19 Netw\_Energy\_NR\_enh-Core

R2-2406348 Adaptation of common signal channel transmissions Samsung Electronics Co., Ltd discussion Rel-19 Netw\_Energy\_NR\_enh-Core

R2-2406360 Discussion on common signal adaptation Xiaomi discussion Rel-19

R2-2406446 Further consideration on paging occasion adaptation ZTE Corporation, Sanechips discussion Rel-19 Netw\_Energy\_NR\_enh-Core

R2-2406471 RAN2 impacts to enable adaptation of paging and RACH in time Intel Corporation discussion Rel-19 Netw\_Energy\_NR\_enh-Core

R2-2406523 Discussion on paging adaptation ASUSTeK discussion Rel-19 Netw\_Energy\_NR\_enh-Core R2-2405428

R2-2406544 Adaptation of common signal or channel Fujitsu discussion Rel-19 Netw\_Energy\_NR\_enh-Core

R2-2406671 Further discussion on common signal transmission adaptation Apple discussion Rel-19 Netw\_Energy\_NR\_enh-Core

R2-2406723 Discussion on adaptation on common signal transmissions vivo discussion Rel-19

R2-2406750 Discussion on adaptation of common signal channel transmissions Spreadtrum Communications discussion Rel-19

R2-2406866 Discussion on the paging occasion adaptation for NES cell ITRI discussion Netw\_Energy\_NR\_enh-Core

R2-2406890 Paging statistics from field and PRACH adaptation Lenovo discussion Rel-19

R2-2406897 Discussion of adaption of paging occasions China Telecom discussion Rel-19 Netw\_Energy\_NR\_enh-Core

R2-2406956 Common signal aspects of NES WI Nokia, Nokia Shanghai Bell discussion Rel-19 Netw\_Energy\_NR\_enh-Core

R2-2406981 Discussion on adaptation of common signal channel transmissions CMCC discussion Rel-19 Netw\_Energy\_NR\_enh-Core

R2-2407004 Consideration on adaptation of common signalchannel transmissions CATT discussion Rel-19 Netw\_Energy\_NR\_enh-Core

R2-2407048 PRACH and paging adaptation NEC discussion

R2-2407163 Discussion on Adaptation of Common Signal/Channel Transmissions Qualcomm Incorporated discussion

R2-2407184 Time domain adaptation of common signalling and channels InterDigital discussion Rel-19 Netw\_Energy\_NR\_enh-Core

R2-2407245 Adaptation of common signal/channel transmissions for NES Ericsson discussion Rel-19 Netw\_Energy\_NR\_enh-Core R2-2405290

R2-2407305 Discussion on adaptation of common signals/channels transmissions Huawei, HiSilicon discussion Rel-19 Netw\_Energy\_NR\_enh-Core

R2-2407352 Discussion on adaptation of common channel transmissions HONOR discussion Rel-19 Netw\_Energy\_NR\_enh-Core

R2-2407440 Discussion on RACH adaptation SHARP discussion Rel-19

R2-2407454 Discussion on Adaptation of paging occasions NTT DOCOMO INC.. discussion Rel-19 Netw\_Energy\_NR\_enh

R2-2407486 Adaptation of Common Signals and Channels for NES Fraunhofer IIS, Fraunhofer HHI discussion Rel-19

R2-2407520 Discussion on common signal and channel adaptation LG Electronics Inc. discussion Rel-19 Netw\_Energy\_NR\_enh

R2-2407531 Adaptation of common signal/channel transmissions III discussion

## 8.6 Mobility Enhancement Ph4

(NR\_Mob\_Ph4-Core; leading WG: RAN2; REL-19; WID: [RP-241515](https://www.3gpp.org/ftp/meetings_3gpp_sync/ran/docs/RP-241515.zip))

Time budget: 2 TU

Tdoc Limitation: 3 tdocs

### 8.6.1 Organizational

Including incoming LSs, WI rapporteur inputs, etc.

R2-2406244 Reply LS to RAN2 on security handling for inter-CU LTM in non-DC cases (S3-242400; contact: Apple) SA3 LS in Rel-19 NR\_Mob\_Ph4-Core To:RAN2 Cc:RAN3

R2-2406693 Important topics for resolution for Rel-19 Mob Enh WI (Rapporteur) Apple Inc, China Telecom discussion Rel-19 NR\_Mob\_Ph4-Core

### 8.6.2 Inter-CU LTM

Remaining open issues and further details of LTM preparation phase (e.g. single or multiple reference configuration(s)?, details of RRC signaling structure, etc.), early sync phase, execution phase (e.g. support of mixture of intra-CU and inter-CU, etc.), and LTM cell switch completion phase. Initial discussion on inter-CU LTM with DC (high-level spec impacts and solutions).

R2-2406305 Discussion on inter-CU LTM CATT discussion Rel-19 NR\_Mob\_Ph4-Core

R2-2406356 Further discussion on Inter-CU LTM MediaTek Inc. discussion Rel-19 NR\_Mob\_Ph4-Core

R2-2406386 Discussion on inter-CU LTM ETRI discussion Rel-19

R2-2406419 Discussion on inter-CU LTM ZTE Corporation discussion Rel-19 NR\_Mob\_Ph4-Core

R2-2406430 Discussion on inter-CU LTM vivo discussion Rel-19 NR\_Mob\_Ph4-Core

R2-2406532 Discussion on open issues for inter-CU LTM OPPO discussion Rel-19 NR\_Mob\_Ph4-Core

R2-2406623 LTM for Inter-CU Sony discussion Rel-19 NR\_Mob\_Ph4

R2-2406658 Discussion on Inter-CU LTM InterDigital, Inc. discussion Rel-19

R2-2406694 View on open issues in inter-CU LTM Apple discussion Rel-19 NR\_Mob\_Ph4-Core

R2-2406743 Discussion on inter-CU LTM KT Corp. discussion

R2-2406775 Discussion on Inter CU LTM Lekha Wireless Solutions discussion Rel-19

R2-2406819 Discussion on Inter-CU LTM Xiaomi discussion Rel-19 NR\_Mob\_Ph4-Core

R2-2406820 Initial considerations for inter-CU LTM Rakuten Mobile, Inc discussion Rel-19

R2-2406854 Discussion on inter-CU LTM NEC discussion Rel-19 NR\_Mob\_Ph4-Core

R2-2406863 Cell switch command for subsequent inter-CU LTM ITRI discussion NR\_Mob\_Ph4-Core

R2-2406867 Discussion on the reference configuration for inter-CU LTM ITRI discussion NR\_Mob\_Ph4-Core

R2-2406919 Important aspects regarding inter-CU LTM Ericsson discussion Rel-19 NR\_Mob\_Ph4-Core

R2-2406982 Discussion on Inter-CU LTM CMCC discussion Rel-19 NR\_Mob\_Ph4-Core

R2-2407023 Further detailed discussion on supporting inter-CU LTM cell switch Transsion Holdings discussion Rel-19

R2-2407033 Security impacts of Inter-CU LTM Rakuten Mobile, Inc discussion Rel-19

R2-2407073 On Inter-CU LTM Open Issues Nokia discussion

R2-2407107 Radio Resource aspects for intra-CU and inter-CU LTM Rakuten Mobile, Inc discussion Rel-19

R2-2407108 Discussion on Inter-CU LTM China Telecom discussion Rel-19 NR\_Mob\_Ph4-Core

R2-2407133 Fast LTM recovery in DC scenarios Rakuten Mobile, Inc discussion Rel-19

R2-2407155 RACH-less LTM completion in inter-CU LTM Rakuten Mobile, Inc discussion Rel-19

R2-2407201 Inter-CU LTM Huawei, HiSilicon discussion Rel-19 NR\_Mob\_Ph4-Core

R2-2407269 Discussion on inter-CU LTM LG Electronics discussion Rel-19 NR\_Mob\_Ph4-Core

R2-2407320 Discussion on subsequent inter-CU or inter-CU LTM Fujitsu discussion Rel-19 NR\_Mob\_Ph4-Core

R2-2407348 Further discussion on inter-CU LTM HONOR discussion Rel-19 NR\_Mob\_Ph4-Core

R2-2407374 Inter-gNB LTM with no change of RRC/PDCP anchor Qualcomm Incorporated, NTT DOCOMO, Vodafone, Bharti Airtel (India), Sony discussion

R2-2407407 Discussion on issues for supporting inter-CU LTM Sharp discussion Rel-19 NR\_Mob\_Ph4-Core

R2-2407421 Further Considerations to Support Inter-CU LTM Samsung discussion Rel-19 NR\_Mob\_Ph4-Core

R2-2407439 Discussion on inter-CU LTM Kyocera discussion Rel-19

R2-2407441 Discussion on inter-CU LTM DENSO CORPORATION discussion Rel-19 NR\_Mob\_Ph4-Core

R2-2407448 Discussion on Inter-CU LTM Lenovo discussion NR\_Mob\_Ph4-Core

R2-2407465 Discussion on inter-CU LTM ITL discussion Rel-19 NR\_Mob\_Ph4-Core

R2-2407478 RRC Modelling for Inter-CU LTM Nokia discussion Rel-19 NR\_Mob\_Ph4

R2-2407483 LTM enhancements for Inter-CU mobility CEWiT discussion Rel-19 NR\_Mob\_Ph4-Core

### 8.6.3 Measurement event evaluation

Remaining open issues and further details of measurement event evaluation (e.g. need of event LTM1 (if needed, what’s use case)? , what beam(s) of the serving cell and neighboring cell is used for event evaluation?, Need of cell level measurement result for event evaluation (if needed, what’s use case and how it works)? Further details on event configuration signaling design, e.g. how to associate with resource configuration,, etc.)

R2-2406287 Discussion on event triggered report Huawei, HiSilicon discussion Rel-19 NR\_Mob\_Ph4-Core

R2-2406306 Measurement Event Evaluation CATT discussion Rel-19 NR\_Mob\_Ph4-Core

R2-2406357 Discussion on measurement and signalling design MediaTek Inc. discussion Rel-19 NR\_Mob\_Ph4-Core

R2-2406420 Discussion on measurement event evaluation ZTE Corporation discussion Rel-19 NR\_Mob\_Ph4-Core

R2-2406431 Discussion on LTM measurement event evaluation vivo discussion Rel-19 NR\_Mob\_Ph4-Core

R2-2406524 Discussion on beam for evaluation of LTM event-triggered reporting ASUSTeK discussion Rel-19 NR\_Mob\_Ph4-Core

R2-2406533 Open issues for event triggered L1 measurement reporting OPPO discussion Rel-19 NR\_Mob\_Ph4-Core

R2-2406545 Open issues of measurement event evaluation for LTM Fujitsu discussion Rel-19 NR\_Mob\_Ph4-Core

R2-2406707 Discussion on the measurement event evaluation for LTM Xiaomi discussion Rel-19 NR\_Mob\_Ph4-Core

R2-2406728 LTM measurement event evaluation and configuration Apple discussion Rel-19 NR\_Mob\_Ph4-Core

R2-2406733 Measurement enhancements for LTM Qualcomm Incorporated discussion

R2-2406756 Discussion on measurement event evaluation for L1 measurement event Spreadtrum Communications discussion Rel-19

R2-2406851 Further View on Measurement-related Enhancements for Rel-19 LTM Nokia discussion Rel-19 NR\_Mob\_Ph4 R2-2405149

R2-2406886 L1 Measurement enhancements Lenovo discussion Rel-19

R2-2406908 Discussion on measurement event evaluation for LTM Lekha Wireless Solutions discussion Rel-19

R2-2406920 Important aspects regarding event triggered L1 measurements Ericsson discussion Rel-19 NR\_Mob\_Ph4-Core

R2-2406968 Discussion on measurement event evaluation CMCC discussion Rel-19 NR\_Mob\_Ph4-Core

R2-2407024 Discussion on event triggered L1 measurement configuration for LTM Transsion Holdings discussion Rel-19

R2-2407109 Discussion on measurement event evaluation for LTM China Telecom discussion Rel-19 NR\_Mob\_Ph4-Core

R2-2407124 Event evaluation of L1 measurement reporting NEC discussion Rel-19 NR\_Mob\_Ph4-Core

R2-2407141 Event triggered L1 measurement evaluation for LTM Interdigital, Inc. discussion Rel-19 NR\_Mob\_Ph4-Core

R2-2407160 Event based L1 measurements triggered LTM candidate cell addition/release Rakuten Mobile, Inc discussion Rel-19

R2-2407195 Reference resource configuration for L1 measurement event Panasonic discussion

R2-2407349 Discussion on measurement event evaluation HONOR discussion Rel-19 NR\_Mob\_Ph4-Core

R2-2407393 Discussion on measurement event evaluation KDDI Corporation discussion Rel-19

R2-2407408 Discussion issues on related to measurement event evaluation Sharp discussion Rel-19 NR\_Mob\_Ph4-Core

R2-2407422 Remaining Issues for Measurement Event Evaluation Samsung discussion Rel-19 NR\_Mob\_Ph4-Core

R2-2407446 Measurement event evaluation for LTM enhancement Kyocera discussion Rel-19

R2-2407470 Discussion on event triggered L1 measurement ITL discussion Rel-19 NR\_Mob\_Ph4-Core

R2-2407506 Event LTM - Event variant, new event, RS determination, configuration LG Electronics France discussion Rel-19 NR\_Mob\_Ph4-Core

### 8.6.4 Measurement reporting

Remaining open issues and further details of measurement reporting procedure (e.g. what information in the measurement report? MAC CE or UCI for measurement report?, need of measurement reporting once leaving condition is met, etc.)

R2-2406286 Discussion on measurement event evaluation Huawei, HiSilicon discussion Rel-19 NR\_Mob\_Ph4-Core

R2-2406307 Measurement Reporting CATT discussion Rel-19 NR\_Mob\_Ph4-Core

R2-2406358 Discussion on measurement reporting of event triggered L1 MR MediaTek Inc. discussion Rel-19 NR\_Mob\_Ph4-Core

R2-2406421 Discussion on measurement reporting ZTE Corporation discussion Rel-19 NR\_Mob\_Ph4-Core

R2-2406432 Discussion on event-triggered L1 measurement reporting vivo discussion Rel-19 NR\_Mob\_Ph4-Core

R2-2406534 Discussion on the UL signalling for L1 reproting OPPO discussion Rel-19 NR\_Mob\_Ph4-Core

R2-2406546 Open issues of measurement reporting procedure for LTM Fujitsu discussion Rel-19 NR\_Mob\_Ph4-Core

R2-2406708 Event-based measurement reporting procedure for L1 measurement Xiaomi discussion Rel-19 NR\_Mob\_Ph4-Core

R2-2406729 LTM event triggered measurement reporting Apple discussion Rel-19 NR\_Mob\_Ph4-Core

R2-2406757 Discussion on measurement reporting for L1 measurement event Spreadtrum Communications discussion Rel-19

R2-2406921 Discussion on which layer reports the event triggered L1 measurements Ericsson, Honor, Huawei, InterDigital Inc., MediaTek Inc., NEC, Nokia, NTT DOCOMO, Oppo, T-Mobile USA, Vivo, ZTE corporation discussion Rel-19 NR\_Mob\_Ph4-Core

R2-2406969 Discussion on measurement reporting CMCC discussion Rel-19 NR\_Mob\_Ph4-Core

R2-2407025 Discussion on L1 measurement reporting for LTM Transsion Holdings discussion Rel-19

R2-2407110 Discussion on measurement reporting for LTM China Telecom discussion Rel-19 NR\_Mob\_Ph4-Core

R2-2407125 Details of event triggered L1 measurement report NEC discussion Rel-19 NR\_Mob\_Ph4-Core

R2-2407142 Event triggered L1 measurement reporting for LTM Interdigital, Inc. discussion Rel-19 NR\_Mob\_Ph4-Core

R2-2407208 Event triggered reporting enhancements for LTM Panasonic discussion Rel-19

R2-2407285 Discussion on Event-triggered L1 measurement reporting NTT DOCOMO, INC. discussion Rel-19

R2-2407350 Discussion on measurement reporting HONOR discussion Rel-19 NR\_Mob\_Ph4-Core

R2-2407394 Discussion on event triggered L1 measurement reporting KDDI Corporation discussion

R2-2407409 Discussion issues on related to measurement reporting Sharp discussion Rel-19 NR\_Mob\_Ph4-Core

R2-2407423 Support of Event Triggered L1 Measurement Reporting Samsung discussion Rel-19 NR\_Mob\_Ph4-Core

R2-2407447 Measurement reporting procedures for LTM enhancements Kyocera discussion Rel-19

R2-2407507 Event LTM - Report triggering, report contents and transmission procedure LG Electronics France discussion Rel-19 NR\_Mob\_Ph4-Core