3GPP TSG-RAN WG2 Meeting #127 draft R2-24xxxxx

Maastricht, Netherlands, Aug 19th – 23rd, 2024

Source: RAN2 Vice Chairman (CATT)

Title: Report from session on R18 MIMOevo, R18 MUSIM, R19 LP-WUS and R19 SBFD

## Orgnizational email discussion

* [AT127][200] Organizational – MIMOevo, MUSIM, LPWUS, and SBFD (RAN2 VC)

Scope:

a) Share plans and list of ongoing email discussions for the related sessions, and

b) Share meetings notes and agreements for review and endorsement

## 7.17 Dual Transmission/Reception (Tx/Rx) Multi-SIM for NR

(NR\_DualTxRx\_MUSIM-Core; leading WG: RAN2; REL-18; WID: [RP-233071](http://ftp.3gpp.org/tsg_ran/TSG_RAN/TSGR_100/Docs/RP-231461.zip))

Time budget: 0 TU

Tdoc Limitation: 1 tdocs

### 7.17.1 Organizational

Incoming LS, Rapporteur input, etc.

Corrections to TS 38.300.

R2-2407186 Corrections to TS 38.300 for R18 MUSIM China Telecom, Samsung CR Rel-18 38.300 18.2.0 0887 - F NR\_DualTxRx\_MUSIM-Core

### 7.17.3 Corrections

R2-2406715 Discussion on configuration for temporary capability restriction Huawei, HiSilicon discussion Rel-18 NR\_DualTxRx\_MUSIM-Core

R2-2407077 Further discussion on MUSIM capability restriction signalling Ericsson discussion Rel-18 NR\_DualTxRx\_MUSIM-Core

R2-2407104 Clarification on DAPS Handover for Dual TX/RX MUSIM operation Nokia discussion Rel-18

R2-2407321 Further Clarification on the Reconfiguration Failure Processing ZTE Corporation, Sanechips discussion Rel-18 NR\_DualTxRx\_MUSIM-Core

R2-2407515 Remaining issues on MUSIM Samsung Electronics Czech discussion Rel-18 NR\_DualTxRx\_MUSIM-Core

## 7.20 NR MIMO evolution

(NR\_MIMO\_evo\_DL\_UL-Core; leading WG: RAN1; REL-18; WID: [RP-233028](http://ftp.3gpp.org/tsg_ran/TSG_RAN/TSGR_98e/Docs/RP-223276.zip))

Time budget: 0TU

Tdoc Limitation: 1 tdoc

### 7.20.1 Organizational

Incoming LS, Rapporteur input, etc.

Stage 2 corrections.

R2-2406214 Reply to RAN2 LS on type 3 PH value for the serving cell configured with mTRP (R1-2405619; contact: MediaTek) RAN1 LS in Rel-18 NR\_FeMIMO-Core, NR\_MIMO\_evo\_DL\_UL-Core To:RAN2

R2-2406489 Remaining issues on PHR for mTRP STx2P Samsung discussion Rel-18 NR\_MIMO\_evo\_DL\_UL-Core

=> Moved to 7.20.2

### 7.20.2 Corrections

PHR aspects

R2-2406915 Remaining issue on STx2P PHR LG Electronics Inc. discussion Rel-18 NR\_MIMO\_evo\_DL\_UL-Core

R2-2407202 Correction on PHR for STx2P in NR-DC Huawei, HiSilicon CR Rel-18 38.321 18.2.0 1905 - F NR\_MIMO\_evo\_DL\_UL-Core

R2-2407434 Further Considerations on Harmonizing the PHR for Different Features ZTE Corporation discussion Rel-18 NR\_MIMO\_evo\_DL\_UL-Core

R2-2406489 Remaining issues on PHR for mTRP STx2P Samsung discussion Rel-18 NR\_MIMO\_evo\_DL\_UL-Core

Other changes

R2-2406488 Correction to MIMO Evolution Samsung draftCR Rel-18 38.331 18.2.0 NR\_MIMO\_evo\_DL\_UL-Core

R2-2406519 Discussion on remaining issue for 8Tx in MAC specification ASUSTeK discussion Rel-18 NR\_MIMO\_evo\_DL\_UL-Core

R2-2406574 Correction on simultaneousU-TCI-UpdateListx CATT draftCR Rel-18 38.331 18.2.0 NR\_MIMO\_evo\_DL\_UL-Core

R2-2406778 Correction on unified TCI state for SRS vivo draftCR Rel-18 38.331 18.2.0 F NR\_MIMO\_evo\_DL\_UL-Core

R2-2406807 Random Access problem for SpCell with two TAGs Langbo discussion Rel-18 38.321 NR\_MIMO\_evo\_DL\_UL-Core

R2-2406808 Clarification on the codebook type request in the UE capability enquiry Nokia Corporation discussion NR\_MIMO\_evo\_DL\_UL-Core

## 8.4 Low-power wake-up signal and receiver for NR (LP-WUS/WUR)

(NR\_LPWUS-Core; leading WG: RAN1; REL-19; WID: [RP-240801](http://ftp.3gpp.org/tsg_ran/TSG_RAN/TSGR_103/Docs/RP-240801.zip))

Time budget: 1 TU

Tdoc Limitation: 3 tdocs

### 8.4.1 Organizational

LS, Rapporteur input, including workplan, etc.

### 8.4.2 Procedure and configuration of LP-WUS in RRC\_IDLE/INACTIVE

Procedure and configuration of LP-WUS indicating paging monitoring triggered by LP-WUS, including at least configuration, sub-grouping and entry/exit condition for LP-WUS monitoring

LP-WUS configuration

*(Whether dedicated configration is needed or not)*

R2-2406787 Discussion on procedure and configuration of LP-WUS in RRC\_IDLE/INACTIVE Huawei, HiSilicon discussion

*Proposal 1: RAN2 confirms that the network does not need to be aware of whether the UE is monitoring LP-WUS or not in RRC\_IDLE/INACTIVE.*

*Proposal 3: The network indicates whether LP-WUS capable UE(s) is/are allowed to use the LP-WUS functionality, the detailed signalling is FFS.*

R2-2407240 Discussion on LP-WUS operation in RRC\_IDLE/INACTIVE modes InterDigital, Inc. discussion Rel-19 NR\_LPWUS-Core

*Proposal 1: Support LP-WUS configuration via system information (e.g., cell-specific). Do not support dedicated LP-WUS configuration*

*(Whether configuration of entry/exit condtion is mandatory or not)*

R2-2407156 LP-WUS operation in RRC\_IDLE and RRC\_INACTIVE LG Electronics Inc. discussion Rel-19 NR\_LPWUS-Core

*Proposal 1 The configuration of the entry/exit condition of LP-WUS monitoring is mandatory present in the LP-WUS related configuration.*

R2-2407096 LP-WUS operation in IDLE/Inactive state Qualcomm Incorporated discussion NR\_LPWUS-Core

*Proposal 2 If the gNB does not configure the conditions, it is left to UE implementation to determine whether to enter or exit LP-WUS mode.*

R2-2407396 LP-WUS in Idle and Inactive Ericsson discussion Rel-19 NR\_LPWUS-Core

*Proposal 1 For OFDM-based WUR the entry/exit condition is optional.*

*Proposal 2 For OOK-based WUR the entry/exit condition is mandatory.*

*Proposal 3 Separate entry/exit conditions can be configured for OFDM-based and OOK-based WUR.*

LP-WUS entry/exit condition

R2-2407013 LP-WUS in IDLE and INACTIVE Nokia discussion Rel-19 NR\_LPWUS-Core

*Proposal 4: LP-WUS monitoring entry condition includes both MR (cell coverage) and LR (LP-WUS coverage) measurements.*

*Proposal 5: LP-WUS monitoring exit condition is evaluated based on LR measurement.*

*Proposal 6: RAN2 assumes that RAN1 defines LR measurements quantities for LP-WUS.*

R2-2406730 Procedure and configuration of LP-WUS in RRC\_IDLE/INACTIVE Apple discussion Rel-19 NR\_LPWUS-Core

*Proposal 2: The entry condition for LP-WUS monitoring is not based on measurement from LR.*

R2-2406427 Discussion on LP-WUS WUR in RRC\_IDLE INACTIVE vivo discussion Rel-19 NR\_LPWUS-Core

*Proposal 3: Regarding whether any measurement via LR is needed for entry condition and whether any measurement via MR is needed for exit condition, RAN2 to wait for RAN1/RAN4 progress.*

*Proposal 4: The metric for serving cell quality measured by MR for entry condition includes RSRP and optional RSRQ.*

*Proposal 5: RAN2 assumes the metric for serving cell quality measured by LR for exit condition includes RSRP and optional RSRQ. An LS is sent to RAN1/RAN4 for confirmation.*

LP-WUS Subgrouping

R2-2407543 Discussion on Procedure and configuration in RRC\_IDLE-INACTIVE NTT DOCOMO INC.. discussion Rel-19 NR\_LPWUS-Core

*Proposal 1: In UE\_ID based subgrouping, a mechanism should be applied that allocates PEI and LP-WUS subgroups differently in order to reduce the false paging rate.*

R2-2406772 Discussion on procedure and configuration of LP-WUS in RRC\_IDLE/INACTIVE OPPO discussion Rel-19 NR\_LPWUS-Core

*Proposal 8 For LP-WUS, UE can be assigned by CN a different subgrouping ID than the subgrouping ID for PEI.*

*Proposal 9 For LP-WUS, RAN can configure a different subgrouping number used in UE ID-based subgrouping than the subgrouping ID for PEI.*

R2-2406447 Procedure and configuration of LP-WUS for IDLE and INACTIVE mode ZTE Corporation, Sanechips discussion Rel-19 NR\_LPWUS-Core

R2-2406495 LP-WUS procedure in RRC\_IDLE INACTIVE NEC discussion Rel-19 NR\_LPWUS-Core

R2-2406575 LP-WUS in RRC\_IDLE/INACTIVE CATT discussion Rel-19 NR\_LPWUS-Core

R2-2406585 General considerations on the procedure for RRC\_IDLE\_INACTIVE Xiaomi Communications discussion

R2-2406617 RAN2 aspects on LP-WUS/WUR in RRC Idle/Inactive mode Sony discussion Rel-19 NR\_LPWUS-Core

R2-2406753 Discussion on LP-WUS operation in IDLE/INACTIVE mode Spreadtrum Communications discussion Rel-19

R2-2406802 Discussion on entry exit conditions for LP-WUS monitoring Sharp discussion

R2-2406900 LP-WUS Operation in RRC\_IDLE/INACTIVE China Telecom discussion Rel-19 NR\_LPWUS-Core

R2-2406985 LP-WUS operation in IDLE/INACTIVE modes CMCC discussion Rel-19 NR\_LPWUS-Core

R2-2407127 Procedure and Configuration of LP-WUS in RRC Idle/ Inactive Lenovo discussion NR\_LPWUS-Core

R2-2407310 Procedure and Configuration of LP-WUS in RRC Idle Inactive Mode Samsung discussion Rel-19

R2-2407357 Procedure of LP-WUS in RRC\_IDLE and INACTIVE HONOR discussion Rel-19 NR\_LPWUS-Core

### 8.4.3 RRM measurement relaxation and offloading in RRC\_IDLE/INACTIVE

RRM relaxation of UE MR for both serving and neighbor cell measurements, and UE serving cell RRM measurement offloaded from MR to LP-WUR, including the necessary conditions

General aspects

R2-2406496 LP-WUS RRM measurement NEC discussion Rel-19 NR\_LPWUS-Core

*Proposal-1: Only LP-WUS capable UE is applicable to LP-WUS specific measurement offloading/relaxation, i.e., it is not applicable to normal UE.*

*Proposal-2: RAN2 to confirm that non-LPWUS-capable UE is not the target of this WI, e.g. the RRM measurement relaxation is applicable only for LPWUS-capable UE.*

*Proposal-3: RAN2 to confirm that as long as the UE is in LP-WUS monitoring mode, the UE always need to use LR to perform measurement on serving cell.*

*Proposal-4: RAN2 is suggested to further consider fully offloading case (no any measurement by MR) and relaxed case b (both relaxed serving cell and neighbour cell measurement by MR) identified in RAN4.*

Serving cell measurment offloading (i.e., there is no serving cell measurement by MR)

R2-2406754 Discussion on RRM measurement relaxation and offloading in IDLE/INACTIVE mode Spreadtrum Communications discussion Rel-19

*Proposal 1: UE serving cell RRM measurement can be offloaded from MR to LR with the follows conditions:*

* Option 1: when signal quality of serving cell is greater than a threshold.*

* Option 2: when entry condition of using LP-WUS is satisfied.*

R2-2406803 Discussion on RRM measurement offloading and relaxation Sharp discussion

*Proposal 1: The entry/exit condition(s) for LP-WUS monitoring is also applied for serving cell RRM measurement offloading from MR to LR.*

R2-2406970 Discussion on RRM measurement relaxation and offloading in RRC\_IDLE INACTIVE CMCC discussion Rel-19 NR\_LPWUS-Core

*Proposal 2: Serving cell measurement relaxation/offloading of MR cannot affect the performance of cell (re)selection by UE.*

*Proposal 3: The entry conditions for serving cell measurement offloading can be defined as at least MR greater than a certain RSRP threshold, and LR could also be considered if it is on at this time.*

*Proposal 4: The RSRP threshold can be considered in conjunction with the threshold for LP-WUS monitoring. That is, the two thresholds can be the same or offset by a predetermined value.*

*Proposal 5: The exit condition is based on the LR measurement results.*

*Proposal 6: According to the 'Fully offloading case' agreed by RAN4, the threshold for offloading measurements to the LR is not less than the threshold for starting neighboring cell measurements.*

*Proposal 7: UEs with high-mobility do not perform serving cell measurement offloading.*

*Proposal 8: RAN2 discuss how to deal with the measurement loss during the hundreds of milliseconds required to restart MR.*

Other proposals

Chair: other contributions/proposals may also be discussed if time allows, detailed plan to be updated during the meeting (e.g., before CB session)

R2-2406285 RRM measurement relaxation and offloading in RRC\_IDLE or RRC\_INACTIVE Huawei, HiSilicon discussion Rel-19 NR\_LPWUS-Core

R2-2406428 Discussion on RRM measurement relaxation and offloading in RRC\_IDLE/INACTIVE vivo discussion Rel-19 NR\_LPWUS-Core

R2-2406448 RRM measurement relaxation and offloading in RRC\_IDLE and RRC\_INACTIVE mode ZTE Corporation, Sanechips discussion Rel-19 NR\_LPWUS-Core

R2-2406576 RRM Relaxation and Offloading in RRC\_IDLE/INACTIVE CATT discussion Rel-19 NR\_LPWUS-Core

R2-2406586 Discussion on RRM measurement relaxation for RRC\_IDLE\_INACTIVE Xiaomi Communications discussion

R2-2406618 Discussion on RRM aspects for LP-WUS/WUR Sony discussion Rel-19 NR\_LPWUS-Core

R2-2406731 RRM measurement relaxation and offloading in RRC\_IDLE/INACTIVE Apple discussion Rel-19 NR\_LPWUS-Core Late

R2-2406739 Discussion on RRM measurement relaxation and offloading in RRC\_IDLE/INACTIVE mode China Telecom discussion

R2-2406767 Discussion on RRM measurement in RRC IDLE and INACTIVE OPPO discussion Rel-19 NR\_LPWUS-Core

R2-2406882 RRM measurement relaxation and offloading in RRC\_IDLE/INACTIVE Lenovo discussion Rel-19

R2-2407014 RRM measurement relaxation in RRC\_IDLE/INACTIVE Nokia discussion Rel-19 NR\_LPWUS-Core

R2-2407098 LP-WUS RRM measurement relaxation and offloading Qualcomm Incorporated discussion NR\_LPWUS-Core

R2-2407157 RRM relaxation and RRM offloading LG Electronics Inc. discussion Rel-19 NR\_LPWUS-Core

R2-2407241 Discussion on RRM measurement relaxation and offloading InterDigital, Inc. discussion Rel-19 NR\_LPWUS-Core

R2-2407311 RRM measurement relaxation and offloading in RRC Idle Inactive Mode Samsung discussion Rel-19

R2-2407397 LP-WUS and RRM measurements Ericsson discussion Rel-19 NR\_LPWUS-Core

### 8.4.4 Procedures for LP-WUS in RRC\_CONNECTED

Procedures to allow UE MR PDCCH monitoring triggered by LP-WUS including activation and deactivation procedure of LP-WUS monitoring.

Understanding of Option 1-2-1 and 1-2-2

R2-2406587 Discussing on LP-WUS monitoring for RRC\_Connected Xiaomi Communications discussion

*Proposal 1 For Option 1-2-2, PDCCH monitoring not triggered by legacy C-DRX cycle and drx-onDurationTimer when monitoring LP-WUS will not be supported.*

R2-2406449 Procedures for LP-WUS in RRC\_CONNECTED ZTE Corporation, Sanechips discussion Rel-19 NR\_LPWUS-Core

*Proposal 2: Option 1-2 is supported, e.g. UE can monitor LP-WUS with a LP-WUS cycle during the non-active time of C-DRX cycle if LP-WUS for RRC\_CONNECTED state is configured and activated.*

*Proposal 2a: UE starts drx-OnDurationTimer after a timeOffset when it detects LP-WUS.*

*Proposal 2b: UE determines the LP-WUS monitoring occasion with the similar formula as that to determine the start of drx-onDurationTimer, e.g. the UE monitors LP-WUS during the non-active time of C-DRX cycle if:*

*[(SFN × 10) + subframe number-(drx-StartOffset - timeOffset)] modulo (LP\_WUS-cycle)) = 0*

R2-2406577 Analysis on LP-WUS for RRC\_CONNECTED Mode CATT discussion Rel-19 NR\_LPWUS-Core

*Option 1-2-1:*

*Proposal 6: RAN2 confirms the following understanding for Option 1-2-1:*

*- The UE is triggered to perform PDCCH monitor based on LP-WUS indication during the time outside legacy DRX active time;*

*- UE behaviors related to drx-HARQ-RTT-TimerDL/UL and drx-RetransmissionTimerDL/UL are not impacted by LP-WUS.*

*Option 1-2-2:*

*Proposal 8a: The UE is triggered to perform PDCCH monitor based on LP-WUS indication during the time outside legacy DRX active time and the time during legacy drx-onDuration in option 1-2-2.*

*Proposal 8b: For option 1-2-2, UE behaviors related to drx-HARQ-RTT-TimerDL/UL and drx-RetransmissionTimerDL/UL are not impacted by LP-WUS.*

*Proposal 9a: For option 1-2-2, after LP-WUS triggers the UE to perform PDCCH monitoring, the UE starts one timer. When the timer is running, the UE monitors PDCCH. The timer can be new defined timer or legacy drx-inactivityTimer.*

*Proposal 9b: For option 1-2-2, the timer is started at a configured time offset after LP-WUS. The range of time offset is left for RAN1.*

*Proposal 9c: For option 1-2-2, (long) DRX command MAC CE can be used to stop the timer. The other indications, e.g. DCI or LP-WUS, are dependent on RAN1.*

*Proposal 10: For option 1-2-2, whether to enhance CSI reporting during legacy drx-onDurationTimer depends on RAN1.*

*Proposal 11: For option 1-2-2, whether the legacy drx-onDurationTimer is started or not can wait for further inputs from RAN1, especially progress on CSI reporting during drx-onDurationTimer.*

Other proposals

Chair: other contributions/proposals may also be discussed if time allows, detailed plan to be updated during the meeting (e.g., before CB session)

R2-2406429 Discussion on LP-WUS WUR in RRC\_Connected vivo discussion Rel-19 NR\_LPWUS-Core

R2-2406497 LP-WUS procedure in RRC\_CONNECTED NEC discussion Rel-19 NR\_LPWUS-Core

R2-2406619 Considerations on LP-WUS/WUR in RRC Connected mode Sony discussion Rel-19 NR\_LPWUS-Core

R2-2406717 Discussion on LP-WUS for RRC\_CONNECTED mode Huawei, HiSilicon discussion Rel-19 NR\_LPWUS-Core

R2-2406732 Procedures for LP-WUS in RRC\_CONNECTED Apple discussion Rel-19 NR\_LPWUS-Core

R2-2406768 Discussion on LP-WUS in RRC\_CONNECTED OPPO discussion Rel-19 NR\_LPWUS-Core

R2-2406901 Discussion on LP-WUS in RRC\_CONNECTED China Telecom discussion Rel-19 NR\_LPWUS-Core

R2-2406978 Discussion on LP-WUS operation in CONNECTED mode CMCC discussion Rel-19 NR\_LPWUS-Core

R2-2407097 LP-WUS operation in CONNECTED state Qualcomm Incorporated discussion NR\_LPWUS-Core

R2-2407134 LP-WUS in RRC Connected Mode Lenovo discussion NR\_LPWUS-Core

R2-2407242 Discussion on LP-WUS operation in RRC\_CONNECTED mode InterDigital, Inc. discussion Rel-19 NR\_LPWUS-Core

R2-2407286 Discussion on Procedures for UE MR PDCCH monitoring triggered by LP-WUS in RRC\_CONNECTED Mode LG Electronics Inc. discussion Rel-19 NR\_LPWUS-Core

R2-2407312 Procedures for LP-WUS in RRC Connected Mode Samsung discussion Rel-19

R2-2407358 Discussion on LP-WUS in RRC\_CONNECTED HONOR discussion Rel-19 NR\_LPWUS-Core

R2-2407398 LP-WUS in Connected Ericsson discussion Rel-19 NR\_LPWUS-Core

R2-2407406 LP-WUS in RRC\_CONNECTED Nokia discussion NR\_LPWUS-Core

R2-2407512 Discussion on LP-WUS in RRC\_CONNECTED NTT DOCOMO INC.. discussion Rel-19 NR\_LPWUS-Core

## 8.11 Evolution of NR duplex operation: Sub-band full duplex (SBFD)

(NR\_duplex\_evo-Core; leading WG: RAN1; REL-19; WID: [RP‑241614](https://www.3gpp.org/ftp/meetings_3gpp_sync/ran/docs/RP-241614.zip))

Time budget: 0.5 TU

Tdoc Limitation: 2 tdocs

### 8.11.1 Organizational

Incoming LS, Rapporteur input, including workplan, etc..

R2-2406314 RAN2 workplan for Rel-19 Evolution of NR duplex operation Huawei, HiSilicon Work Plan Rel-19 NR\_duplex\_evo-Core

### 8.11.2 Random access in SBFD

RAN2 impacts to support SBFD operation to support random access in SBFD symbols by UEs in RRC \_CONNECTED mode and RRC\_IDLE/INACTIVE mode.

R2-2406452 Impacts on the random access by the evolution of duplex operation Huawei, HiSilicon discussion Rel-19 NR\_duplex\_evo-Core

*Proposal 1: RAN2 to discuss for which triggering events, random access procedure in SBFD symbols is supported.*

*Proposal 2: RAN2 to confirm that the network provides the RACH configuration for SBFD via SIB. Whether to provide the RACH configuration for SBFD via dedicated RRC signalling is pending on RAN1’s progress.*

*Proposal 3: RAN2 to confirm that RACH configuration for SBFD can be either based on the legacy RACH parameters or a new set of RACH parameters, and to discuss the signalling design for both options.*

*Proposal 4: RAN2 to consider the criterion for the SBFD-aware UE to select between the PRACH resource in SBFD symbols and the PRACH resource in non-SBFD symbols.*

*Proposal 5: RAN2 to discuss new fall-back behaviour if UE fails on the PRACH resource in SBFD symbols.*

R2-2407078 Discussion on subband full duplex (SBFD) RA operation Ericsson discussion Rel-19 NR\_duplex\_evo-Core

*Proposal 1 RAN2 to strive for a common SBFD RA design independent of RRC state.*

*Proposal 2 RAN2 to discuss whether SBFD RA operation is applicable to all legacy RACH trigger events.*

*Proposal 3 Not allow the UE to use ROs of different RO types when in RA operation.*

*Proposal 4 RAN2 to discuss if and how the MAC layer is allowed to prioritize between legacy ROs and SBFD ROs when performing RO selection.*

*Proposal 5 RAN2 to discuss whether the MAC layer is allowed to fall back to another type of ROs under conditions e.g., the UE experiences RA problem for the initially selected ROs.*

*Proposal 6 RAN2 to discuss if the MAC layer needs to monitor RA problems separately for SBFD RA operation and legacy RA operation.*

*Proposal 7 RAN2 to discuss whether SBFD aware UE in RRC\_IDLE or RRC\_INACTIVE needs to send an early indication during a RA procedure to the gNB (that indicates its SBFD support), and, if needed, what are the potential options.*

*Proposal 8 RAN2 to focus on 4-step RA. Whether 2-step RA can be also discussed is pending on RAN1 decision.*

R2-2406342 Random Access for SBFD Operation NEC discussion

R2-2406363 Discussion on RACH in SBFD Xiaomi discussion Rel-19

R2-2406486 Discussion on SBFD random access operation CATT discussion Rel-19 NR\_duplex\_evo-Core

R2-2406630 SBFD configuration and supporting Random access Sony discussion Rel-19 NR\_duplex\_evo-Core

R2-2406690 Framework to support RACH in SBFD Apple discussion Rel-19 NR\_duplex\_evo-Core

R2-2406724 Discussion on random access in SBFD vivo discussion Rel-19

R2-2406794 Discussion on random access procedure in SBFD ZTE Corporation discussion Rel-19 NR\_duplex\_evo-Core

R2-2406822 Random Access Aspect of SBFD Nokia Corporation discussion Rel-19 NR\_duplex\_evo-Core

R2-2406962 Discussion on random access in SBFD CMCC discussion Rel-19 NR\_duplex\_evo-Core

R2-2407143 Random Access in Sub-Band Full Duplex Google Ireland Limited discussion

R2-2407192 Views on random access for SBFD Qualcomm Incorporated discussion NR\_duplex\_evo-Core

R2-2407313 Random access in SBFD Samsung discussion Rel-19

R2-2407461 Discussion on Random Access procedure for SBFD LG Electronics Inc. discussion Rel-19 NR\_duplex\_evo-Core

### 8.11.3 Other aspects

Other RAN2 impacts with SBFD if not covered by the previous agenda items.

R2-2407427 SBFD Overall and Support of Cross Link Interference Samsung discussion Rel-19 NR\_duplex\_evo-Core

*Proposal 1: Source gNB request SBFD support and configuration (semi-static cell-specific SBFD time/frequency configuration) to other gNBs in Xn Setup Request or NG-RAN node Configuration Update message*

*Proposal 2: Semi-static cell-specific SBFD time/frequency configuration is provided by SIB1.*

*Proposal 3: RAN2 wait the RAN1 decision on support of the SBFD configuration by the dedicated RRC configuration.*

*Proposal 4: For the support gNB-to-gNB CLI handling, RAN2 wait the RAN1 parameter list on UL resource muting for PUSCH i.e. only RRC signalling support is expected.*

*Proposal 5: For L1 based UE-to-UE CLI measurement and reporting, the legacy CSI resource and report structure is reused and need to check how to exchange the information on the activation/deactivation of SRS at aggressor gNB.*

R2-2406410 SBFD resource indication and CLI handling Xiaomi discussion Rel-19 NR\_duplex\_evo-Core

R2-2406466 Other impacts by the evolution of duplex operation Huawei, HiSilicon discussion Rel-19 NR\_duplex\_evo-Core

R2-2406487 Discussion on other aspects of SBFD CATT discussion Rel-19 NR\_duplex\_evo-Core

R2-2406725 Discussion on other issues in SBFD vivo discussion Rel-19

R2-2406795 Discussion on CLI measurement in SBFD ZTE Corporation discussion Rel-19 NR\_duplex\_evo-Core

R2-2406957 Other aspects of SBFD Nokia discussion Rel-19 NR\_duplex\_evo-Core

R2-2406983 Discussion on SBFD related issues CMCC discussion Rel-19 NR\_duplex\_evo-Core

R2-2407079 Non-RA aspects for subband full duplex (SBFD) operation Ericsson discussion Rel-19 NR\_duplex\_evo-Core

R2-2407194 Other aspects of SBFD Qualcomm Incorporated discussion NR\_duplex\_evo-Core

## List of post meeting email discussions

Details to be added after the post meeting email disc have been confirmed in the sessions.