**3GPP TSG-RAN WG1 #103-e R1-200xxxx**

**e-Meeting, October 26th – November 13th, 2020**

**Agenda item:** 5

**Source:** 3GPP TSG RAN1 Chairman

**Title:** RAN1#103-e preparation phase on LSs

**Document for:** Discussion/Decision

# Introduction

In this document, we will summarize contributions submitted to Agenda Item 5 of RAN1#103-e, and identify a set of critical LSs (if any) that need to be addressed in the subsequent email discussion/approval phase .

# Summary

The list of contributions can be found in the References section. Herein we organize the LSs based on the respective topics. Note that the goal is to identify the LS **critical** to address during this e-Meeting.

## Incoming LSs “To RAN1”

### LTE

#### R1-2007518 LS on Incomplete LTE Physical Layer Capabilities RAN2, Huawei

Related contributions:

* [R1-2008342](file:///C:\Users\wanshic\OneDrive%20-%20Qualcomm\Documents\Standards\3GPP%20Standards\Meeting%20Documents\TSGR1_103\Docs\R1-2008342.zip) [DRAFT] Reply LS on Incomplete LTE Physical Layer Capabilities Huawei

Initial assessment:

* Noted. A reply LS may be necessary – email discussion/approval till 10/29, to be handled under 6.2.5

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| --- | --- |
| **Company** | **Views** |
| Nokia | Response LS needed. Can be handled in AI6.2.5 or in AI5. |
| Huawei, HiSilicon | A reply LS is needed. The identified issues are in Rel-15 only (as indicated in the incoming LS’s WI code), so it is not correct to handle under 6.2.5 which is for Rel-16. |

### NR

#### R1-2007504 LS on additional DC location reporting for intra-band UL CA RAN4, Qualcomm

Related contributions:

* [R1-2007726](file:///C:\Users\wanshic\OneDrive%20-%20Qualcomm\Documents\Standards\3GPP%20Standards\Meeting%20Documents\TSGR1_103\Docs\R1-2007726.zip) [DRAFT] Reply LS on additional DC location reporting for intra-band UL CA ZTE
* [R1-2007727](file:///C:\Users\wanshic\OneDrive%20-%20Qualcomm\Documents\Standards\3GPP%20Standards\Meeting%20Documents\TSGR1_103\Docs\R1-2007727.zip) Discussion on additional DC location reporting for intra-band UL CA ZTE
* [R1-2007795](file:///C:\Users\wanshic\OneDrive%20-%20Qualcomm\Documents\Standards\3GPP%20Standards\Meeting%20Documents\TSGR1_103\Docs\R1-2007795.zip) Discussion on additional DC location reporting for intra-band UL CA CATT
* [R1-2008650](file:///C:\Users\wanshic\OneDrive%20-%20Qualcomm\Documents\Standards\3GPP%20Standards\Meeting%20Documents\TSGR1_103\Docs\R1-2008650.zip) Draft Reply LS on additional DC location reporting for intra-band UL CA vivo
* [R1-2008708](file:///C:\Users\wanshic\OneDrive%20-%20Qualcomm\Documents\Standards\3GPP%20Standards\Meeting%20Documents\TSGR1_103\Docs\R1-2008708.zip) On additional DC location reporting for intra-band UL CA Nokia, Nokia Shanghai Bell
* [R1-2008773](file:///C:\Users\wanshic\OneDrive%20-%20Qualcomm\Documents\Standards\3GPP%20Standards\Meeting%20Documents\TSGR1_103\Docs\R1-2008773.zip) Draft reply on additional DC location reporting for intra-band UL CA Huawei, HiSilicon
* [R1-2008774](file:///C:\Users\wanshic\OneDrive%20-%20Qualcomm\Documents\Standards\3GPP%20Standards\Meeting%20Documents\TSGR1_103\Docs\R1-2008774.zip) Discussion on additional DC location reporting for intra-band UL CA Huawei, HiSilicon
* R1-2008595 Draft reply LS to RAN4 LS on additional DC location reporting for intra-band UL CA Qualcomm Incorporated
  + Late submission

Initial assessment:

* There are specific actions to RAN1
* Noted; a reply LS is necessary – target 11/2 for email approval.

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| **Company** | **Views** |
| Nokia | Reply LS could await for RAN2/RAN4 progress, or a response indicative that the requested actions have no specific RAN1 impliations could be provided. Seems it is necessary to have a discussion on the LS in RAN1#103 |
| vivo | Agree with Chairman’s initial assessment |
| Huawei, HiSilicon | Since RAN2 has been tasked for a solution in RAN#89e agreement RP-202018, we should wait for RAN2/RAN4 progress before RAN1 discussions. |
| Samsung | Prefer waiting for RAN2 progress. RAN#89e conclusion is copied below for reference.   |  | | --- | | A mechanism of DC location reporting for intra-band UL CA should be specified in Rel-16   * RAN2 is tasked to provide at least one RAN2-based signalling solution for at least 2 UL CCs of intra-band UL CA in FR1 to RAN#90, considering forward compatibility to other combinations (more than 2 UL CCs and/or FR2) * Other solutions are not precluded and can be discussed in RAN1, RAN2 and RAN4. Selection between solutions can be discussed at RAN#90 or later (if possible). | |
| FUTUREWEI | Also prefer to wait for RAN2 progress. |
| CATT | Since RAN2 has been tasked to provide RAN2-based signalling solution in RAN#89e meeting, we also prefer to wait for RAN2 progress. |
| Intel | Given that RAN2 has been tasked to preovide a solution, RAN1 reply LS can wait (as suggested by Nokia). |

#### R1-2007506 LS on multiple BWP switch impact on HARQ design in dormancy SCell RAN4, MediaTek

Related contributions:

* [R1-2008208](file:///C:\Users\wanshic\OneDrive%20-%20Qualcomm\Documents\Standards\3GPP%20Standards\Meeting%20Documents\TSGR1_103\Docs\R1-2008208.zip) LS on DCI-based multiple BWP switch simultaneously Nokia, Nokia Shanghai Bell
* [R1-2008505](file:///C:\Users\wanshic\OneDrive%20-%20Qualcomm\Documents\Standards\3GPP%20Standards\Meeting%20Documents\TSGR1_103\Docs\R1-2008505.zip) Draft LS response on DCI-based multiple BWP switch simultaneously MediaTek Inc.
* [R1-2008652](file:///C:\Users\wanshic\OneDrive%20-%20Qualcomm\Documents\Standards\3GPP%20Standards\Meeting%20Documents\TSGR1_103\Docs\R1-2008652.zip) Draft Reply LS on DCI-based multiple BWP switch simultaneously vivo
* [R1-2008775](file:///C:\Users\wanshic\OneDrive%20-%20Qualcomm\Documents\Standards\3GPP%20Standards\Meeting%20Documents\TSGR1_103\Docs\R1-2008775.zip) On DCI-based multiple BWP switch simultaneously Huawei, HiSilicon

Initial assessment:

* Noted; a reply LS may be necessary – email discussion/approval till 11/2

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| **Company** | **Views** |
| Nokia | Agree with the initial assessment |
| vivo | Agree with Chairman’s initial assessment |
| LG | We agree with chairman’s initial assessment |
| Samsung | Agree with Chairman’s initial assessment |
| FUTUREWEI | Agree with Chairman’s initial assessment |
| CATT | Agree with Chairman’s initial assessment. |
| OPPO | Wonder if RAN4 is asking reply. Ok for response if problem found. |

#### R1-2007512 LS on number of configurable CSI-RS resources per MO RAN4, Huawei

Related contributions:

* [R1-2007798](file:///C:\Users\wanshic\OneDrive%20-%20Qualcomm\Documents\Standards\3GPP%20Standards\Meeting%20Documents\TSGR1_103\Docs\R1-2007798.zip) Discussion of RAN4's LS on number of configurable CSI-RS resources per MO CATT
* [R1-2007932](file:///C:\Users\wanshic\OneDrive%20-%20Qualcomm\Documents\Standards\3GPP%20Standards\Meeting%20Documents\TSGR1_103\Docs\R1-2007932.zip) Discussion on LS on number of configurable CSI-RS resources per MO Intel Corporation
* [R1-2008649](file:///C:\Users\wanshic\OneDrive%20-%20Qualcomm\Documents\Standards\3GPP%20Standards\Meeting%20Documents\TSGR1_103\Docs\R1-2008649.zip) Draft Reply LS on number of configurable CSI-RS resources per MO vivo
* [R1-2008734](file:///C:\Users\wanshic\OneDrive%20-%20Qualcomm\Documents\Standards\3GPP%20Standards\Meeting%20Documents\TSGR1_103\Docs\R1-2008734.zip) Maximum number of CSI-RS for L3 mobility Nokia, Nokia Shanghai Bell
* [R1-2008735](file:///C:\Users\wanshic\OneDrive%20-%20Qualcomm\Documents\Standards\3GPP%20Standards\Meeting%20Documents\TSGR1_103\Docs\R1-2008735.zip) [DRAFT] Response LS on the number of configurable CSI-RS resources per MO Nokia, Nokia Shanghai Bell

Initial assessment:

* Noted. A reply LS may be necessary – email discussion/approval till 10/29, to be handled under 7.2.12.

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| **Company** | **Views** |
| Nokia | A reply LS of the RAN1 discussion outcome seems necessary. Can be handled as part of the 7.2.12 discussions |
| vivo | Agree with Chairman’s initial assessment |
| LG Electronics | We are fine with the initial assessment. |
| Samsung | Agree with Chairman’s initial assessment |
| FUTUREWEI | Agree with Chairman’s initial assessment |
| CATT | Agree with Chairman’s initial assessment |
| Intel | Reply LS needed. Agree with Nokia that this can be handled in 7.2.12. |

#### R1-2007503 LS on definition of NR V2X con-current operation RAN4, Huawei

Related contributions:

* [R1-2008784](file:///C:\Users\wanshic\OneDrive%20-%20Qualcomm\Documents\Standards\3GPP%20Standards\Meeting%20Documents\TSGR1_103\Docs\R1-2008784.zip) On definition of NR V2X con-current operation Huawei, HiSilicon

Initial assessment:

* Noted; a reply LS may be necessary – email discussion/approval till 10/29

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| **Company** | **Views** |
| Nokia | A response indicating RAN1 view on the definition may be needed. According to our initial assessment the RAN4 definition is fine. |
| vivo | We think RAN4 definition is aligned with RAN1, and given that this is already RAN4’s expectation as stated in the LS, a response from RAN1 may not be needed. |
| LG Electronics | Agree with Chairman’s initial assessment. |
| Huawei, HiSilicon | Yes, a reply is necessary, but not obvious why for 10/29 instead of 10/30. |
| Samsung | Agree with Chairman’s initial assessment |
| FUTUREWEI | A reply LS is necessary in our view. The RAN4 definition can be used |
| CATT | A reply LS is needed, and RAN4 definition is fine to us. |
| OPPO | In our view, RAN1’s understanding on the con-current operation is the same as RAN4. In this case, a reply LS is not really necessary. |

#### R1-2007514 LS on new PQI support for PC5 communication SA2, OPPO

Related contributions:

* [R1-2008233](file:///C:\Users\wanshic\OneDrive%20-%20Qualcomm\Documents\Standards\3GPP%20Standards\Meeting%20Documents\TSGR1_103\Docs\R1-2008233.zip) Discussion on reply LS on new PQI support for PC5 communication OPPO
* [R1-2008645](file:///C:\Users\wanshic\OneDrive%20-%20Qualcomm\Documents\Standards\3GPP%20Standards\Meeting%20Documents\TSGR1_103\Docs\R1-2008645.zip) Draft Reply LS on new PQI support for PC5 communication vivo
* [R1-2008745](file:///C:\Users\wanshic\OneDrive%20-%20Qualcomm\Documents\Standards\3GPP%20Standards\Meeting%20Documents\TSGR1_103\Docs\R1-2008745.zip) [Draft] LS on new PQI values for PC5 communication Ericsson
* [R1-2008782](file:///C:\Users\wanshic\OneDrive%20-%20Qualcomm\Documents\Standards\3GPP%20Standards\Meeting%20Documents\TSGR1_103\Docs\R1-2008782.zip) Sidelink configuration by NR Uu in PC5-only bands Huawei, HiSilicon
* [R1-2008788](file:///C:\Users\wanshic\OneDrive%20-%20Qualcomm\Documents\Standards\3GPP%20Standards\Meeting%20Documents\TSGR1_103\Docs\R1-2008788.zip) On new PQI support for PC5 communication Huawei, HiSilicon

Initial assessment:

* Noted; a reply LS is necessary – target 11/2 for email approval.

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| **Company** | **Views** |
| Nokia | Agree with the initial assesment |
| vivo | Agree with Chairman’s initial assessment |
| LG Electronics | Agree with Chairman’s initial assessment. |
| Huawei, HiSilicon | Yes, a reply is needed at some point, but not urgent this meeting depending on workload, as the incoming LS does not relate to an ongoing RAN1 WI (it is for a Rel-17 SA2 WI). |
| Samsung | Agree with Chairman’s initial assessment |
| CATT | Agree with Chairman’s initial assessment |
| OPPO | Agree with the initial assessment |

#### R1-2007521 LS on RAN2 agreements and RAN1 related issues RAN2, LG Electronics

Related contributions:

* [R1-2007799](file:///C:\Users\wanshic\OneDrive%20-%20Qualcomm\Documents\Standards\3GPP%20Standards\Meeting%20Documents\TSGR1_103\Docs\R1-2007799.zip) Discussion on LS from RAN2 on RAN2 agreements and RAN1 related issue CATT
* [R1-2007800](file:///C:\Users\wanshic\OneDrive%20-%20Qualcomm\Documents\Standards\3GPP%20Standards\Meeting%20Documents\TSGR1_103\Docs\R1-2007800.zip) Discussion on the LS from RAN2 on sidelink configured grant handling CATT
* [R1-2007919](file:///C:\Users\wanshic\OneDrive%20-%20Qualcomm\Documents\Standards\3GPP%20Standards\Meeting%20Documents\TSGR1_103\Docs\R1-2007919.zip) [DRAFT] Reply LS on RAN2 agreements and RAN1 related issues ZTE, Sanechips
* [R1-2008119](file:///C:\Users\wanshic\OneDrive%20-%20Qualcomm\Documents\Standards\3GPP%20Standards\Meeting%20Documents\TSGR1_103\Docs\R1-2008119.zip) Draft reply LS on RAN2 agreements and RAN1 related issues Samsung
* [R1-2008590](file:///C:\Users\wanshic\OneDrive%20-%20Qualcomm\Documents\Standards\3GPP%20Standards\Meeting%20Documents\TSGR1_103\Docs\R1-2008590.zip) Draft reply LS on RAN2 agreements and RAN1 related isues Qualcomm Incorporated
* [R1-2008748](file:///C:\Users\wanshic\OneDrive%20-%20Qualcomm\Documents\Standards\3GPP%20Standards\Meeting%20Documents\TSGR1_103\Docs\R1-2008748.zip) Discussion on RAN2 LS on RAN2 agreements and RAN1 related issues Ericsson
* [R1-2008749](file:///C:\Users\wanshic\OneDrive%20-%20Qualcomm\Documents\Standards\3GPP%20Standards\Meeting%20Documents\TSGR1_103\Docs\R1-2008749.zip) [Draft] LS reply on RAN2 agreements and RAN1 related issues Ericsson
* [R1-2008783](file:///C:\Users\wanshic\OneDrive%20-%20Qualcomm\Documents\Standards\3GPP%20Standards\Meeting%20Documents\TSGR1_103\Docs\R1-2008783.zip) On resource reselection due to dropped retransmissions Huawei, HiSilicon

Initial assessment:

* Noted. A reply LS is necessary – target 10/30 for email approval. To be handled under 7.2.4.

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| **Company** | **Views** |
| Nokia | Agree with the initial assessment. |
| vivo | Agree with Chairman’s initial assessment.  Vivo also submitted a contribution regarding this issue.  [R1-2008647](file:///C:\Users\wanshic\OneDrive%20-%20Qualcomm\Documents\Standards\3GPP%20Standards\Meeting%20Documents\TSGR1_103\Docs\R1-2008647.zip) Draft Reply LS on RAN2 agreements for V2X vivo |
| LG Electronics | We are generally fine with Chairman’s initial assessment, but for this case, our preference is to allocate a email thread for Reply LS separately from the budget of AI 7.2.4. |
| Huawei, HiSilicon | Yes, reply. The issue relating to RNTIs (Q2) can be handled directly in an editor’s CR. |
| Samsung | Agree with Chairman’s initial assessment |
| FUTUREWEI | Agree with the initial assessment to address Q1 |
| CATT | Agree with Chairman’s initial assessment |
| OPPO | Agree with the initial assessment |
| Intel | Reply is necessary. Prefer to allocate AI 5 or AI 7.2.4 standalone email discussion, since there is small room to discuss within the current 7 emails budget in V2X 7.2.4 according to the initial rapporteur assesment. |

#### R1-2007522 LS to RAN1 on sidelink configured grant handling RAN2, Huawei

Related contributions:

* [R1-2007920](file:///C:\Users\wanshic\OneDrive%20-%20Qualcomm\Documents\Standards\3GPP%20Standards\Meeting%20Documents\TSGR1_103\Docs\R1-2007920.zip) [DRAFT] Reply LS to RAN1 on sidelink configured grant handling ZTE, Sanechips
* [R1-2008120](file:///C:\Users\wanshic\OneDrive%20-%20Qualcomm\Documents\Standards\3GPP%20Standards\Meeting%20Documents\TSGR1_103\Docs\R1-2008120.zip) Draft reply LS to RAN1 on sidelink configured grant handling Samsung
* [R1-2008593](file:///C:\Users\wanshic\OneDrive%20-%20Qualcomm\Documents\Standards\3GPP%20Standards\Meeting%20Documents\TSGR1_103\Docs\R1-2008593.zip) Draft reply LS on LS to RAN1 on sidelink configured grant handling Qualcomm Incorporated
* [R1-2008648](file:///C:\Users\wanshic\OneDrive%20-%20Qualcomm\Documents\Standards\3GPP%20Standards\Meeting%20Documents\TSGR1_103\Docs\R1-2008648.zip) Draft Reply LS on sidelink configured grant handling vivo
* [R1-2008746](file:///C:\Users\wanshic\OneDrive%20-%20Qualcomm\Documents\Standards\3GPP%20Standards\Meeting%20Documents\TSGR1_103\Docs\R1-2008746.zip) Discussion on RAN2 LS on SL CG handling Ericsson
* [R1-2008747](file:///C:\Users\wanshic\OneDrive%20-%20Qualcomm\Documents\Standards\3GPP%20Standards\Meeting%20Documents\TSGR1_103\Docs\R1-2008747.zip) [Draft] LS reply on SL CG handling Ericsson
* [R1-2008781](file:///C:\Users\wanshic\OneDrive%20-%20Qualcomm\Documents\Standards\3GPP%20Standards\Meeting%20Documents\TSGR1_103\Docs\R1-2008781.zip) On sidelink configured grant handling Huawei, HiSilicon

Initial assessment:

* Noted. A reply LS is necessary – target 10/29 for email approval. To be handled under 7.2.4.

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| **Company** | **Views** |
| Nokia | Agree with the initial assessment. |
| vivo | Agree with Chairman’s initial assessment |
| LG Electronics | We are generally fine with Chairman’s initial assessment, but for this case, our preference is to allocate a email thread for Reply LS separately from the budget of AI 7.2.4. |
| Huawei, HiSilicon | Yes, a reply is necessary. |
| Samsung | Agree with Chairman’s initial assessment |
| FUTUREWEI | Reply LS necessary |
| CATT | Agree with Chairman’s initial assessment |
| OPPO | Agree with the initial assessment |
| Intel | Reply is necessary. Prefer to allocate AI 5 or AI 7.2.4 standalone email discussion, since there is small room to discuss within the current 7 emails budget in V2X 7.2.4 according to the initial rapporteur assesment. |

#### R1-2007526 LS on CAPC RAN2, Nokia

Related contributions:

* [R1-2007968](file:///C:\Users\wanshic\OneDrive%20-%20Qualcomm\Documents\Standards\3GPP%20Standards\Meeting%20Documents\TSGR1_103\Docs\R1-2007968.zip) Discussion on the LS on CAPC ZTE, Sanechips
* [R1-2008305](file:///C:\Users\wanshic\OneDrive%20-%20Qualcomm\Documents\Standards\3GPP%20Standards\Meeting%20Documents\TSGR1_103\Docs\R1-2008305.zip) Discussion of the LS on CAPC Ericsson Inc.

Initial assessment:

* Noted. No subsequent email discussion. Potential RAN1 impact can be discussed under 7.2.2

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| **Company** | **Views** |
| Nokia | Agree with the initial assessment. Nokia input on the matter in R1-2007903 in AI 7.2.2 |
| vivo | Agree with Chairman’s initial assessment |
| LG Electronics | Update of TS 37.213 corresponding to RAN2 LS is needed and can be discussed under 7.2.2. |
| Samsung | Agree with Chairman’s initial assessment |

#### R1-2007507 Reply LS on SCell Dormancy RAN4, Huawei

Related contributions:

* None

Initial assessment:

* Noted. No subsequent email discussion. Potential RAN1 specification impact can be discussed under 7.2.10.

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| **Company** | **Views** |
| Nokia | Agree with the initial assessment. |
| vivo | Agree with Chairman’s initial assessment |
| LG | We agree with chairman’s initial assessment. |
| Samsung | Agree with Chairman’s initial assessment |
| FUTUREWEI | Agree with Chairman’s initial assessment |
| CATT | Agree with Chairman’s initial assessment |
| OPPO | RAN1 will work based on the defined switching by RAN4. Potential spec. impact in RAN1 will be discussed in 7.2.10 |

#### R1-2007523 LS on Intra UE Prioritization Scenario RAN2, Ericsson

Related contributions:

* [R1-2007702](file:///C:\Users\wanshic\OneDrive%20-%20Qualcomm\Documents\Standards\3GPP%20Standards\Meeting%20Documents\TSGR1_103\Docs\R1-2007702.zip) Draft Reply LS on Intra-UE Prioritization Scenario Ericsson
* [R1-2007724](file:///C:\Users\wanshic\OneDrive%20-%20Qualcomm\Documents\Standards\3GPP%20Standards\Meeting%20Documents\TSGR1_103\Docs\R1-2007724.zip) [DRAFT] Reply LS on Intra UE Prioritization Scenario ZTE
* [R1-2007797](file:///C:\Users\wanshic\OneDrive%20-%20Qualcomm\Documents\Standards\3GPP%20Standards\Meeting%20Documents\TSGR1_103\Docs\R1-2007797.zip) Draft reply LS on intra UE prioritization scenario CATT
* [R1-2008077](file:///C:\Users\wanshic\OneDrive%20-%20Qualcomm\Documents\Standards\3GPP%20Standards\Meeting%20Documents\TSGR1_103\Docs\R1-2008077.zip) Discussion on RAN2 LS on Intra UE Prioritization Scenario LG Electronics
* [R1-2008117](file:///C:\Users\wanshic\OneDrive%20-%20Qualcomm\Documents\Standards\3GPP%20Standards\Meeting%20Documents\TSGR1_103\Docs\R1-2008117.zip) Discussion on LS on Intra UE Prioritization Scenario Samsung
* [R1-2008306](file:///C:\Users\wanshic\OneDrive%20-%20Qualcomm\Documents\Standards\3GPP%20Standards\Meeting%20Documents\TSGR1_103\Docs\R1-2008306.zip) [Draft] Reply LS on Intra UE Prioritization Scenario Nokia
* [R1-2008525](file:///C:\Users\wanshic\OneDrive%20-%20Qualcomm\Documents\Standards\3GPP%20Standards\Meeting%20Documents\TSGR1_103\Docs\R1-2008525.zip) Discussion on LS on intra-UE prioritization Intel Corporation
* [R1-2008592](file:///C:\Users\wanshic\OneDrive%20-%20Qualcomm\Documents\Standards\3GPP%20Standards\Meeting%20Documents\TSGR1_103\Docs\R1-2008592.zip) Draft reply LS to RAN 2 LS on intra-UE prioritization Qualcomm Incorporated
* [R1-2008642](file:///C:\Users\wanshic\OneDrive%20-%20Qualcomm\Documents\Standards\3GPP%20Standards\Meeting%20Documents\TSGR1_103\Docs\R1-2008642.zip) Draft Reply LS on Intra UE Prioritization Scenario vivo

Initial assessment:

* Noted. A reply is LS – target 11/2 for email approval. To be handled under 7.2.5

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| **Company** | **Views** |
| Nokia | Agree with the initial assesent. |
| vivo | Agree with Chairman’s initial assessment |
| LG Electronics | We are fine with the initial assessment. |
| HW/HiSi | Agree with the initial assessment. |
| Samsung | Agree with Chairman’s initial assessment |
| CATT | Agree with Chairman’s initial assessment |
| Intel | Agree with initial assessment. Also, please note that we updated our discussion paper (R1-2008525) to R1-2008866. The main updates are towards the end of Section 2 and a consequential revision to Proposal 1. |

#### R1-2007513 Full slot formats support in TDD UL-DL configuration RAN3, Qualcomm

Related contributions:

* [R1-2007796](file:///C:\Users\wanshic\OneDrive%20-%20Qualcomm\Documents\Standards\3GPP%20Standards\Meeting%20Documents\TSGR1_103\Docs\R1-2007796.zip) Discussion on full slot formats support in TDD UL-DL configuration CATT
* [R1-2007969](file:///C:\Users\wanshic\OneDrive%20-%20Qualcomm\Documents\Standards\3GPP%20Standards\Meeting%20Documents\TSGR1_103\Docs\R1-2007969.zip) Draft reply LS on full slot formats support in TDD UL-DL configuration ZTE
* [R1-2008118](file:///C:\Users\wanshic\OneDrive%20-%20Qualcomm\Documents\Standards\3GPP%20Standards\Meeting%20Documents\TSGR1_103\Docs\R1-2008118.zip) Draft reply LS on Full slot formats support in TDD UL-DL configuration Samsung
* [R1-2008402](file:///C:\Users\wanshic\OneDrive%20-%20Qualcomm\Documents\Standards\3GPP%20Standards\Meeting%20Documents\TSGR1_103\Docs\R1-2008402.zip) Discussions on full slot formats support in TDD UL-DL configuration LG Electronics
* [R1-2008586](file:///C:\Users\wanshic\OneDrive%20-%20Qualcomm\Documents\Standards\3GPP%20Standards\Meeting%20Documents\TSGR1_103\Docs\R1-2008586.zip) Draft reply LS on full slot format support Qualcomm Incorporated
* [R1-2008795](file:///C:\Users\wanshic\OneDrive%20-%20Qualcomm\Documents\Standards\3GPP%20Standards\Meeting%20Documents\TSGR1_103\Docs\R1-2008795.zip) Discussion on the LS on Full slot formats support in TDD UL-DL configuration Huawei, HiSilicon

Initial assessment:

* Noted. A reply LS is necessary – target 10/30 for email approval.

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| **Company** | **Views** |
| Nokia | Agree with the initial aassesment. |
| vivo | Agree with Chairman’s initial assessment |
| LG Electronics | Two different view are identified.  \*Alt.1: All slot formats defined in TS38.213 should be supported in the intended TDD UL-DL configuration exchange.  \*Alt.2: It is not required to support all the slot formats in Table 11.1.1-1 of TS38.213 in the intended TDD UL-DL configuration exchange for CLI.  We think it is necessity to clarify RAN1’s intention when the agreement for designing the intended UL-DL configuration (i.e., For “Intended DL/UL configuration”, per-slot based OFDM symbol level DL/UL region indication is supported.) was made. After that, we may discuss whether further enhancement (i.e, Alt.1: supporting half-slot based OFDM symbol level DL/UL region indication) is required or not. |
| Huawei, HiSilicon | Agree with the initial assessment. |
| Samsung | Agree with Chairman’s initial assessment |
| FUTUREWEI | Agree with Chairman’s initial assessment |
| CATT | Agree with Chairman’s initial assessment |

#### R1-2007505 LS reply to RAN1 on UE capability on wideband carrier operation for NR-U RAN4, MediaTek

Related contributions:

* [R1-2008040](file:///C:\Users\wanshic\OneDrive%20-%20Qualcomm\Documents\Standards\3GPP%20Standards\Meeting%20Documents\TSGR1_103\Docs\R1-2008040.zip) Discussion on RAN4 LS on UE capability on wideband carrier operation for NR-U LG Electronics
* [R1-2008207](file:///C:\Users\wanshic\OneDrive%20-%20Qualcomm\Documents\Standards\3GPP%20Standards\Meeting%20Documents\TSGR1_103\Docs\R1-2008207.zip) [Draft] Reply LS on UE capability on wideband carrier operation for NR-U Nokia, Nokia Shanghai Bell
* [R1-2008520](file:///C:\Users\wanshic\OneDrive%20-%20Qualcomm\Documents\Standards\3GPP%20Standards\Meeting%20Documents\TSGR1_103\Docs\R1-2008520.zip) [Draft] Reply LS on UE capability on wideband carrier operation for NR-U MediaTek Inc.
* [R1-2008594](file:///C:\Users\wanshic\OneDrive%20-%20Qualcomm\Documents\Standards\3GPP%20Standards\Meeting%20Documents\TSGR1_103\Docs\R1-2008594.zip) Draft response LS to RAN4 on UE capability on wideband carrier operation for NR-U Qualcomm Incorporated
* [R1-2008644](file:///C:\Users\wanshic\OneDrive%20-%20Qualcomm\Documents\Standards\3GPP%20Standards\Meeting%20Documents\TSGR1_103\Docs\R1-2008644.zip) Draft Reply LS on UE capability on wideband carrier operation for NR-U vivo
* [R1-2008780](file:///C:\Users\wanshic\OneDrive%20-%20Qualcomm\Documents\Standards\3GPP%20Standards\Meeting%20Documents\TSGR1_103\Docs\R1-2008780.zip) Discussion on UE capability on wideband carrier operation for NR-U Huawei, HiSilicon
* [R1-2008790](file:///C:\Users\wanshic\OneDrive%20-%20Qualcomm\Documents\Standards\3GPP%20Standards\Meeting%20Documents\TSGR1_103\Docs\R1-2008790.zip) DRAFT LS reply on UE capability on wideband carrier operation for NR-U Huawei, HiSilicon

Initial assessment:

* Noted. A reply LS may be necessary – email discussion/approval till 10/29, to be managed under 7.2.11.

|  |  |
| --- | --- |
| **Company** | **Views** |
| Nokia | Agree with the initial assessment. This belongs to the 7.2.11. |
| vivo | Agree with Chairman’s initial assessment |
| LG Electronics | Agree with chairman’s initial assessment. |
| Samsung | Agree with Chairman’s initial assessment |
| FUTUREWEI | Agree with Chairman’s initial assessment |

#### R1-2007517 Reply LS on Rel-16 UE feature lists for NR DAPS RAN2, Huawei

Related contributions:

Initial assessment:

* Noted; No subsequent email discussion.

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| --- | --- |
| **Company** | **Views** |
| Nokia | Agree with the initial assessment |
| Samsung | Agree with Chairman’s initial assessment |
| Intel | Agree with initial assessment |

#### R1-2007519 LS to RAN1 on beamSwitchTiming RAN2, vivo

Related contributions:

* [R1-2007757](file:///C:\Users\wanshic\OneDrive%20-%20Qualcomm\Documents\Standards\3GPP%20Standards\Meeting%20Documents\TSGR1_103\Docs\R1-2007757.zip) Draft reply LS on beamSwitchTiming ZTE
* [R1-2007801](file:///C:\Users\wanshic\OneDrive%20-%20Qualcomm\Documents\Standards\3GPP%20Standards\Meeting%20Documents\TSGR1_103\Docs\R1-2007801.zip) Draft reply LS on beamSwitchTiming CATT
* [R1-2008116](file:///C:\Users\wanshic\OneDrive%20-%20Qualcomm\Documents\Standards\3GPP%20Standards\Meeting%20Documents\TSGR1_103\Docs\R1-2008116.zip) Draft reply LS on beamSwitchTiming Samsung
* [R1-2008228](file:///C:\Users\wanshic\OneDrive%20-%20Qualcomm\Documents\Standards\3GPP%20Standards\Meeting%20Documents\TSGR1_103\Docs\R1-2008228.zip) Discussion on LS on beamSwitchTiming for AP CSI-RS OPPO
* [R1-2008591](file:///C:\Users\wanshic\OneDrive%20-%20Qualcomm\Documents\Standards\3GPP%20Standards\Meeting%20Documents\TSGR1_103\Docs\R1-2008591.zip) Draft reply LS to RAN 2 LS on beamSwitchTiming Qualcomm Incorporated
* [R1-2008651](file:///C:\Users\wanshic\OneDrive%20-%20Qualcomm\Documents\Standards\3GPP%20Standards\Meeting%20Documents\TSGR1_103\Docs\R1-2008651.zip) Draft Reply LS on beamSwitchTiming vivo
* [R1-2008791](file:///C:\Users\wanshic\OneDrive%20-%20Qualcomm\Documents\Standards\3GPP%20Standards\Meeting%20Documents\TSGR1_103\Docs\R1-2008791.zip) [Draft] Reply LS on beamSwitchTiming Huawei, HiSilicon

Initial assessment:

* Noted. A reply LS is necessary – target 10/30 for email approval, to be handled under 7.2.11.

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| --- | --- |
| **Company** | **Views** |
| Nokia | Agree with the initial assesment |
| vivo | Agree with Chairman’s initial assessment |
| LG Electronics | Agree with chairman’s initial assessment. |
| Huawei, HiSilicon | Yes, a reply is necessary. |
| Samsung | Agree with Chairman’s initial assessment |
| FUTUREWEI | Agree with Chairman’s initial assessment |
| CATT | Agree with Chairman’s initial assessment |
| Intel | Agree that reply is needed |

#### R1-2007520 LS on UE capability for V2X RAN2, OPPO

Related contributions:

* [R1-2008234](file:///C:\Users\wanshic\OneDrive%20-%20Qualcomm\Documents\Standards\3GPP%20Standards\Meeting%20Documents\TSGR1_103\Docs\R1-2008234.zip) Draft reply LS on UE capability for V2X OPPO
* [R1-2008589](file:///C:\Users\wanshic\OneDrive%20-%20Qualcomm\Documents\Standards\3GPP%20Standards\Meeting%20Documents\TSGR1_103\Docs\R1-2008589.zip) Draft reply LS on UE capability for V2X Qualcomm Incorporated
* [R1-2008646](file:///C:\Users\wanshic\OneDrive%20-%20Qualcomm\Documents\Standards\3GPP%20Standards\Meeting%20Documents\TSGR1_103\Docs\R1-2008646.zip) Draft Reply LS on UE capability for V2X vivo
* [R1-2008647](file:///C:\Users\wanshic\OneDrive%20-%20Qualcomm\Documents\Standards\3GPP%20Standards\Meeting%20Documents\TSGR1_103\Docs\R1-2008647.zip) Draft Reply LS on RAN2 agreements for V2X vivo
* [R1-2008744](file:///C:\Users\wanshic\OneDrive%20-%20Qualcomm\Documents\Standards\3GPP%20Standards\Meeting%20Documents\TSGR1_103\Docs\R1-2008744.zip) [Draft] LS on UE capability for V2X Ericsson

Initial assessment:

* Noted. A reply LS is necessary – target 10/30 for email approval, to be handled under 7.2.11.

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| --- | --- |
| **Company** | **Views** |
| Nokia | Agree with the initial assessment, to be discussed under AI 7.2.11 |
| vivo | Agree with Chairman’s initial assessment.  The following Tdoc from vivo is not relavent to this topic, instead it is for section 2.1.2.6, thus can be moved to section 2.1.2.6   * [R1-2008647](file:///C:\Users\wanshic\OneDrive%20-%20Qualcomm\Documents\Standards\3GPP%20Standards\Meeting%20Documents\TSGR1_103\Docs\R1-2008647.zip) Draft Reply LS on RAN2 agreements for V2X vivo |
| LG Electronics | Agree with Chairman’s initial assessment. |
| Samsung | Agree with Chairman’s initial assessment |
| FUTUREWEI | A reply LS is necessary |
| OPPO | The issue raised in this LS is already captured in the summary of UE features for 5G V2X under AI 7.2.11 from the moderator. Agree with the initial assessment. |

#### R1-2007525 LS on cell-grouping UE capability for synchronous NR-DC RAN2, Qualcomm

Related contributions:

* [R1-2007730](file:///C:\Users\wanshic\OneDrive%20-%20Qualcomm\Documents\Standards\3GPP%20Standards\Meeting%20Documents\TSGR1_103\Docs\R1-2007730.zip) [DRAFT] Reply LS on cell-grouping UE capability for synchronous NR-DC ZTE
* [R1-2007731](file:///C:\Users\wanshic\OneDrive%20-%20Qualcomm\Documents\Standards\3GPP%20Standards\Meeting%20Documents\TSGR1_103\Docs\R1-2007731.zip) Discussion on cell-grouping UE capability for synchronous NR-DC ZTE
* [R1-2008506](file:///C:\Users\wanshic\OneDrive%20-%20Qualcomm\Documents\Standards\3GPP%20Standards\Meeting%20Documents\TSGR1_103\Docs\R1-2008506.zip) Draft LS response on cell-grouping UE capability for synchronous NR-DC MediaTek Inc.
* [R1-2008587](file:///C:\Users\wanshic\OneDrive%20-%20Qualcomm\Documents\Standards\3GPP%20Standards\Meeting%20Documents\TSGR1_103\Docs\R1-2008587.zip) Discussion on cell-grouping UE capabilities for synchronous NR-DC Qualcomm Incorporated
* [R1-2008588](file:///C:\Users\wanshic\OneDrive%20-%20Qualcomm\Documents\Standards\3GPP%20Standards\Meeting%20Documents\TSGR1_103\Docs\R1-2008588.zip) Draft LS reply on cell-grouping UE capability for synchronous NR-DC Qualcomm Incorporated
* [R1-2008643](file:///C:\Users\wanshic\OneDrive%20-%20Qualcomm\Documents\Standards\3GPP%20Standards\Meeting%20Documents\TSGR1_103\Docs\R1-2008643.zip) Draft Reply LS on cell-grouping UE capability for synchronous NR-DC vivo

Initial assessment:

* Noted. A reply LS is necessary – target 10/30 for email approval. To be handled under 7.2.11.

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| --- | --- |
| **Company** | **Views** |
| Nokia | Seems a discussion and a subsequent reply is needed even if the outcome would be no RAN1 action needed. To be discussed under AI 7.2.11. |
| vivo | Agree with Chairman’s initial assessment |
| LG | We agree with chairman’s initial assessment |
| Samsung | Agree with Chairman’s initial assessment |
| FUTUREWEI | Agree with Chairman’s initial assessment |
| CATT | Agree with Chairman’s initial assessment |
| Intel | Agree with Chairman’s initial assessment |

#### R1-2007524 LS on the error source for RAT-dependent positioning RAN2, Huawei

Related contributions:

* None in AI 5.

Initial assessment:

* Noted; no subsequent email discussion.

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| --- | --- |
| **Company** | **Views** |
| Nokia | Agree with the initial assesment |
| LG | Agree with Chairman’s proposal. This issue was already closed in RAN#89 meeting. |
| Samsung | Agree with Chairman’s initial assessment |
| CATT | Agree with Chairman’s initial assessment |

## Incoming LSs “CC: RAN1”

**All the following LSs are noted – no actions from RAN1 unless explicitly requested.**

* [R1-2007508](file:///C:\Users\wanshic\OneDrive%20-%20Qualcomm\Documents\Standards\3GPP%20Standards\Meeting%20Documents\TSGR1_103\Docs\R1-2007508.zip) Reply LS on UE capability xDD differentiation for SUL/SDL bands RAN4, ZTE
* [R1-2007509](file:///C:\Users\wanshic\OneDrive%20-%20Qualcomm\Documents\Standards\3GPP%20Standards\Meeting%20Documents\TSGR1_103\Docs\R1-2007509.zip) Reply LS on power control for NR-DC RAN4, vivo
* [R1-2007510](file:///C:\Users\wanshic\OneDrive%20-%20Qualcomm\Documents\Standards\3GPP%20Standards\Meeting%20Documents\TSGR1_103\Docs\R1-2007510.zip) LS on updated Rel-16 RAN4 UE features lists for NR and LTE RAN4, CMCC
* [R1-2007511](file:///C:\Users\wanshic\OneDrive%20-%20Qualcomm\Documents\Standards\3GPP%20Standards\Meeting%20Documents\TSGR1_103\Docs\R1-2007511.zip) Reply LS on positioning SRS during DRX inactive time RAN4, Apple
* [R1-2007515](file:///C:\Users\wanshic\OneDrive%20-%20Qualcomm\Documents\Standards\3GPP%20Standards\Meeting%20Documents\TSGR1_103\Docs\R1-2007515.zip) LS on Direct Discovery and Relay in SA2 SA2, OPPO
* [R1-2007516](file:///C:\Users\wanshic\OneDrive%20-%20Qualcomm\Documents\Standards\3GPP%20Standards\Meeting%20Documents\TSGR1_103\Docs\R1-2007516.zip) Reply LS to 5G-ACIA-LS-2020-WI042 = RP-201279 on 3GPP NR Rel-16 URLLC and IIoT performance evaluation RAN, Ericsson
* [~~R1-2007508~~](file:///C:\Users\wanshic\OneDrive%20-%20Qualcomm\Documents\Standards\3GPP%20Standards\Meeting%20Documents\TSGR1_103\Docs\R1-2007508.zip) ~~Reply LS on UE capability xDD differentiation for SUL/SDL bands RAN4, ZTE~~
  + ~~Related contributions~~
    - [~~R1-2007728~~](file:///C:\Users\wanshic\OneDrive%20-%20Qualcomm\Documents\Standards\3GPP%20Standards\Meeting%20Documents\TSGR1_103\Docs\R1-2007728.zip) ~~[DRAFT] Reply LS on UE capability xDD differentiation for SULSDL bands ZTE~~
    - [~~R1-2007729~~](file:///C:\Users\wanshic\OneDrive%20-%20Qualcomm\Documents\Standards\3GPP%20Standards\Meeting%20Documents\TSGR1_103\Docs\R1-2007729.zip) ~~Discussion on UE capability xDD differentiation for SULSDL bands ZTE~~
    - [~~R1-2008778~~](file:///C:\Users\wanshic\OneDrive%20-%20Qualcomm\Documents\Standards\3GPP%20Standards\Meeting%20Documents\TSGR1_103\Docs\R1-2008778.zip) ~~Discussion on UE capability xDD differentiation for SUL/SDL bands Huawei, HiSilicon~~
* [R1-2007527](file:///C:\Users\wanshic\OneDrive%20-%20Qualcomm\Documents\Standards\3GPP%20Standards\Meeting%20Documents\TSGR1_103\Docs\R1-2007527.zip) Reply LS on exchange of information related to SRS-RSRP measurement resource configuration for UE-CLI RAN2, ZTE

The following RAN4 LS (RAN1 is cc-ed)

* [R1-2007508](file:///C:\Users\wanshic\OneDrive%20-%20Qualcomm\Documents\Standards\3GPP%20Standards\Meeting%20Documents\TSGR1_103\Docs\R1-2007508.zip) Reply LS on UE capability xDD differentiation for SUL/SDL bands RAN4, ZTE

is related to R1-2005208. It was concluded in RAN1#102-e that:

* *It is concluded to have the reply LS to RAN2 after RAN4 reply LS on* [*R1-2005208*](file:///C:\Users\wanshic\OneDrive%20-%20Qualcomm\Documents\Standards\3GPP%20Standards\Meeting%20Documents\TSGR1_102\Docs\R1-2005208.zip)*/R2-2006322 is done.*

Related contributions

* [R1-2007728](file:///C:\Users\wanshic\OneDrive%20-%20Qualcomm\Documents\Standards\3GPP%20Standards\Meeting%20Documents\TSGR1_103\Docs\R1-2007728.zip) [DRAFT] Reply LS on UE capability xDD differentiation for SULSDL bands ZTE
* [R1-2007729](file:///C:\Users\wanshic\OneDrive%20-%20Qualcomm\Documents\Standards\3GPP%20Standards\Meeting%20Documents\TSGR1_103\Docs\R1-2007729.zip) Discussion on UE capability xDD differentiation for SULSDL bands ZTE
* [R1-2008778](file:///C:\Users\wanshic\OneDrive%20-%20Qualcomm\Documents\Standards\3GPP%20Standards\Meeting%20Documents\TSGR1_103\Docs\R1-2008778.zip) Discussion on UE capability xDD differentiation for SUL/SDL bands Huawei, HiSilicon

Initial assessment:

* Email discussin/approval for a potential reply LS in response to R1-2005208 by 10/29

|  |  |
| --- | --- |
| **Company** | **Views** |
| Nokia | Agree with the initial assesment |
| vivo | Agree with Chairman’s initial assessment |
| Huawei, HiSilicon | As mentioned on the reflector, we agree with this assessment. |
| Samsung | Agree with Chairman’s initial assessment |
| FUTUREWEI | Agree with Chairman’s initial assessment |

## Others

None.

# Conclusion

All incoming LSs are noted. The following are for the next phase of email discussion/approval:

* TBD

# References

R1-2007503 LS on definition of NR V2X con-current operation RAN4, Huawei

R1-2007504 LS on additional DC location reporting for intra-band UL CA RAN4, Qualcomm

R1-2007505 LS reply to RAN1 on UE capability on wideband carrier operation for NR-U RAN4, MediaTek

R1-2007506 LS on multiple BWP switch impact on HARQ design in dormancy SCell RAN4, MediaTek

R1-2007507 Reply LS on SCell Dormancy RAN4, Huawei

R1-2007508 Reply LS on UE capability xDD differentiation for SUL/SDL bands RAN4, ZTE

R1-2007509 Reply LS on power control for NR-DC RAN4, vivo

R1-2007510 LS on updated Rel-16 RAN4 UE features lists for NR and LTE RAN4, CMCC

R1-2007511 Reply LS on positioning SRS during DRX inactive time RAN4, Apple

R1-2007512 LS on number of configurable CSI-RS resources per MO RAN4, Huawei

R1-2007513 Full slot formats support in TDD UL-DL configuration RAN3, Qualcomm

R1-2007514 LS on new PQI support for PC5 communication SA2, OPPO

R1-2007515 LS on Direct Discovery and Relay in SA2 SA2, OPPO

R1-2007516 Reply LS to 5G-ACIA-LS-2020-WI042 = RP-201279 on 3GPP NR Rel-16 URLLC and IIoT performance evaluation RAN, Ericsson

R1-2007517 Reply LS on Rel-16 UE feature lists for NR DAPS RAN2, Huawei

R1-2007518 LS on Incomplete LTE Physical Layer Capabilities RAN2, Huawei

R1-2007519 LS to RAN1 on beamSwitchTiming RAN2, vivo

R1-2007520 LS on UE capability for V2X RAN2, OPPO

R1-2007521 LS on RAN2 agreements and RAN1 related issues RAN2, LG Electronics

R1-2007522 LS to RAN1 on sidelink configured grant handling RAN2, Huawei

R1-2007523 LS on Intra UE Prioritization Scenario RAN2, Ericsson

R1-2007524 LS on the error source for RAT-dependent positioning RAN2, Huawei

R1-2007525 LS on cell-grouping UE capability for synchronous NR-DC RAN2, Qualcomm

R1-2007526 LS on CAPC RAN2, Nokia

R1-2007527 Reply LS on exchange of information related to SRS-RSRP measurement resource configuration for UE-CLI RAN2, ZTE

R1-2007702 Draft Reply LS on Intra-UE Prioritization Scenario Ericsson

R1-2007724 [DRAFT] Reply LS on Intra UE Prioritization Scenario ZTE

R1-2007726 [DRAFT] Reply LS on additional DC location reporting for intra-band UL CA ZTE

R1-2007727 Discussion on additional DC location reporting for intra-band UL CA ZTE

R1-2007728 [DRAFT] Reply LS on UE capability xDD differentiation for SULSDL bands ZTE

R1-2007729 Discussion on UE capability xDD differentiation for SULSDL bands ZTE

R1-2007730 [DRAFT] Reply LS on cell-grouping UE capability for synchronous NR-DC ZTE

R1-2007731 Discussion on cell-grouping UE capability for synchronous NR-DC ZTE

R1-2007757 Draft reply LS on beamSwitchTiming ZTE

R1-2007795 Discussion on additional DC location reporting for intra-band UL CA CATT

R1-2007796 Discussion on full slot formats support in TDD UL-DL configuration CATT

R1-2007797 Draft reply LS on intra UE prioritization scenario CATT

R1-2007798 Discussion of RAN4's LS on number of configurable CSI-RS resources per MO CATT

R1-2007799 Discussion on LS from RAN2 on RAN2 agreements and RAN1 related issue CATT

R1-2007800 Discussion on the LS from RAN2 on sidelink configured grant handling CATT

R1-2007801 Draft reply LS on beamSwitchTiming CATT

R1-2007919 [DRAFT] Reply LS on RAN2 agreements and RAN1 related issues ZTE, Sanechips

R1-2007920 [DRAFT] Reply LS to RAN1 on sidelink configured grant handling ZTE, Sanechips

R1-2007932 Discussion on LS on number of configurable CSI-RS resources per MO Intel Corporation

R1-2007968 Discussion on the LS on CAPC ZTE, Sanechips

R1-2007969 Draft reply LS on full slot formats support in TDD UL-DL configuration ZTE

R1-2008040 Discussion on RAN4 LS on UE capability on wideband carrier operation for NR-U LG Electronics

R1-2008077 Discussion on RAN2 LS on Intra UE Prioritization Scenario LG Electronics

R1-2008116 Draft reply LS on beamSwitchTiming Samsung

R1-2008117 Discussion on LS on Intra UE Prioritization Scenario Samsung

R1-2008118 Draft reply LS on Full slot formats support in TDD UL-DL configuration Samsung

R1-2008119 Draft reply LS on RAN2 agreements and RAN1 related issues Samsung

R1-2008120 Draft reply LS to RAN1 on sidelink configured grant handling Samsung

R1-2008207 [Draft] Reply LS on UE capability on wideband carrier operation for NR-U Nokia, Nokia Shanghai Bell

R1-2008208 LS on DCI-based multiple BWP switch simultaneously Nokia, Nokia Shanghai Bell

R1-2008228 Discussion on LS on beamSwitchTiming for AP CSI-RS OPPO

R1-2008233 Discussion on reply LS on new PQI support for PC5 communication OPPO

R1-2008234 Draft reply LS on UE capability for V2X OPPO

R1-2008305 Discussion of the LS on CAPC Ericsson Inc.

R1-2008306 [Draft] Reply LS on Intra UE Prioritization Scenario Nokia

R1-2008342 [DRAFT] Reply LS on Incomplete LTE Physical Layer Capabilities Huawei

R1-2008402 Discussions on full slot formats support in TDD UL-DL configuration LG Electronics

R1-2008505 Draft LS response on DCI-based multiple BWP switch simultaneously MediaTek Inc.

R1-2008506 Draft LS response on cell-grouping UE capability for synchronous NR-DC MediaTek Inc.

R1-2008520 [Draft] Reply LS on UE capability on wideband carrier operation for NR-U MediaTek Inc.

R1-2008525 Discussion on LS on intra-UE prioritization Intel Corporation

R1-2008586 Draft reply LS on full slot format support Qualcomm Incorporated

R1-2008587 Discussion on cell-grouping UE capabilities for synchronous NR-DC Qualcomm Incorporated

R1-2008588 Draft LS reply on cell-grouping UE capability for synchronous NR-DC Qualcomm Incorporated

R1-2008589 Draft reply LS on UE capability for V2X Qualcomm Incorporated

R1-2008590 Draft reply LS on RAN2 agreements and RAN1 related isues Qualcomm Incorporated

R1-2008591 Draft reply LS to RAN 2 LS on beamSwitchTiming Qualcomm Incorporated

R1-2008592 Draft reply LS to RAN 2 LS on intra-UE prioritization Qualcomm Incorporated

R1-2008593 Draft reply LS on LS to RAN1 on sidelink configured grant handling Qualcomm Incorporated

R1-2008594 Draft response LS to RAN4 on UE capability on wideband carrier operation for NR-U Qualcomm Incorporated

R1-2008595 Draft reply LS to RAN4 LS on additional DC location reporting for intra-band UL CA Qualcomm Incorporated

R1-2008642 Draft Reply LS on Intra UE Prioritization Scenario vivo

R1-2008643 Draft Reply LS on cell-grouping UE capability for synchronous NR-DC vivo

R1-2008644 Draft Reply LS on UE capability on wideband carrier operation for NR-U vivo

R1-2008645 Draft Reply LS on new PQI support for PC5 communication vivo

R1-2008646 Draft Reply LS on UE capability for V2X vivo

R1-2008647 Draft Reply LS on RAN2 agreements for V2X vivo

R1-2008648 Draft Reply LS on sidelink configured grant handling vivo

R1-2008649 Draft Reply LS on number of configurable CSI-RS resources per MO vivo

R1-2008650 Draft Reply LS on additional DC location reporting for intra-band UL CA vivo

R1-2008651 Draft Reply LS on beamSwitchTiming vivo

R1-2008652 Draft Reply LS on DCI-based multiple BWP switch simultaneously vivo

R1-2008708 On additional DC location reporting for intra-band UL CA Nokia, Nokia Shanghai Bell

R1-2008734 Maximum number of CSI-RS for L3 mobility Nokia, Nokia Shanghai Bell

R1-2008735 [DRAFT] Response LS on the number of configurable CSI-RS resources per MO Nokia, Nokia Shanghai Bell

R1-2008744 [Draft] LS on UE capability for V2X Ericsson

R1-2008745 [Draft] LS on new PQI values for PC5 communication Ericsson

R1-2008746 Discussion on RAN2 LS on SL CG handling Ericsson

R1-2008747 [Draft] LS reply on SL CG handling Ericsson

R1-2008748 Discussion on RAN2 LS on RAN2 agreements and RAN1 related issues Ericsson

R1-2008749 [Draft] LS reply on RAN2 agreements and RAN1 related issues Ericsson

R1-2008773 Draft reply on additional DC location reporting for intra-band UL CA Huawei, HiSilicon

R1-2008774 Discussion on additional DC location reporting for intra-band UL CA Huawei, HiSilicon

R1-2008775 On DCI-based multiple BWP switch simultaneously Huawei, HiSilicon

R1-2008778 Discussion on UE capability xDD differentiation for SUL/SDL bands Huawei, HiSilicon

R1-2008780 Discussion on UE capability on wideband carrier operation for NR-U Huawei, HiSilicon

R1-2008781 On sidelink configured grant handling Huawei, HiSilicon

R1-2008782 Sidelink configuration by NR Uu in PC5-only bands Huawei, HiSilicon

R1-2008783 On resource reselection due to dropped retransmissions Huawei, HiSilicon

R1-2008784 On definition of NR V2X con-current operation Huawei, HiSilicon

R1-2008788 On new PQI support for PC5 communication Huawei, HiSilicon

R1-2008790 DRAFT LS reply on UE capability on wideband carrier operation for NR-U Huawei, HiSilicon

R1-2008791 [Draft] Reply LS on beamSwitchTiming Huawei, HiSilicon

R1-2008794 Discussion on the LS on cell-grouping UE capability for synchronous NR-DC Huawei, HiSilicon

R1-2008795 Discussion on the LS on Full slot formats support in TDD UL-DL configuration Huawei, HiSilicon