**3GPP TSG-RAN WG1 #100b-e R1-2002704**

**e-Meeting, April 20th – 30th, 2020**

**Agenda item:** 5

**Source:** 3GPP TSG RAN1 Chairman

**Title:** RAN1#100b-e preparation phase on incoming LS

**Document for:** Discussion/Decision

# Introduction

In this document, we will summarize contributions submitted to Agenda Item 5 of RAN1#100b-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

#### R1-2001517 LS on open PUR issues for NB-IoT/eMTC RAN2, Ericsson

Related contributions:

* [R1-2001849](file:///C:\Users\wanshic\OneDrive%20-%20Qualcomm\Documents\Standards\3GPP%20Standards\Meeting%20Documents\TSGR1_100b\Docs\R1-2001849.zip) Discussion on RAN2 LS on open PUR issues ZTE
* [R1-2002501](file:///C:\Users\wanshic\OneDrive%20-%20Qualcomm\Documents\Standards\3GPP%20Standards\Meeting%20Documents\TSGR1_100b\Docs\R1-2002501.zip) On the LS on open PUR issues for NB-IoT/eMTC Ericsson
* [R1-2002603](file:///C:\Users\wanshic\OneDrive%20-%20Qualcomm\Documents\Standards\3GPP%20Standards\Meeting%20Documents\TSGR1_100b\Docs\R1-2002603.zip) Draft reply LS on open PUR issues for NB-IoT/eMTC Huawei, HiSilicon

Initial assessment:

* Specific actions to RAN1
* Noted; reply LS is necessary – target 2/23 for email approval, to be managed under 6.2.1/6.2.2

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| **Company** | **Views** |
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#### R1-2001518 LS on NR coexistence RAN2, Qualcomm

Related contributions:

* [R1-2001848](file:///C:\Users\wanshic\OneDrive%20-%20Qualcomm\Documents\Standards\3GPP%20Standards\Meeting%20Documents\TSGR1_100b\Docs\R1-2001848.zip) Discussion on RAN2 LS on NR coexistence ZTE
* [R1-2002502](file:///C:\Users\wanshic\OneDrive%20-%20Qualcomm\Documents\Standards\3GPP%20Standards\Meeting%20Documents\TSGR1_100b\Docs\R1-2002502.zip) On the LS on NR coexistence for NB-IoT/eMTC Ericsson
* [R1-2002602](file:///C:\Users\wanshic\OneDrive%20-%20Qualcomm\Documents\Standards\3GPP%20Standards\Meeting%20Documents\TSGR1_100b\Docs\R1-2002602.zip) Draft reply LS on NR coexistence Huawei, HiSilicon

Initial assessment:

* Specific actions to RAN1
* Noted; reply LS is necessary – target 2/23 for email approval, to be managed under 6.2.1/6.2.2

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| **Company** | **Views** |
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### NR

#### R1-2001505 LS on eMIMO RRC parameters RAN2, Ericsson

Related contributions:

* [R1-2001591](C:\\Users\\wanshic\\OneDrive - Qualcomm\\Documents\\Standards\\3GPP Standards\\Meeting Documents\\TSGR1_100b\\Docs\\R1-2001591.zip) Draft reply LS on eMIMO parameters ZTE
* [R1-2001637](file:///C:\Users\wanshic\OneDrive%20-%20Qualcomm\Documents\Standards\3GPP%20Standards\Meeting%20Documents\TSGR1_100b\Docs\R1-2001637.zip) Draft reply LS on eMIMO RRC parameters vivo
* [R1-2001744](file:///C:\Users\wanshic\OneDrive%20-%20Qualcomm\Documents\Standards\3GPP%20Standards\Meeting%20Documents\TSGR1_100b\Docs\R1-2001744.zip) Discussion on eMIMO RRC parameters OPPO
* [R1-2001909](file:///C:\Users\wanshic\OneDrive%20-%20Qualcomm\Documents\Standards\3GPP%20Standards\Meeting%20Documents\TSGR1_100b\Docs\R1-2001909.zip) Draft reply LS on eMIMO RRC parameters LG Electronics
* [R1-2002058](file:///C:\Users\wanshic\OneDrive%20-%20Qualcomm\Documents\Standards\3GPP%20Standards\Meeting%20Documents\TSGR1_100b\Docs\R1-2002058.zip) Draft reply LS on MIMO RRC parameters CATT
* [R1-2002099](file:///C:\Users\wanshic\OneDrive%20-%20Qualcomm\Documents\Standards\3GPP%20Standards\Meeting%20Documents\TSGR1_100b\Docs\R1-2002099.zip) Draft reply to RAN2 LS on eMIMO RRC parameters Samsung
* [R1-2002285](file:///C:\Users\wanshic\OneDrive%20-%20Qualcomm\Documents\Standards\3GPP%20Standards\Meeting%20Documents\TSGR1_100b\Docs\R1-2002285.zip) Draft LS reply on eMIMO RRC parameters Ericsson
* [R1-2002289](file:///C:\Users\wanshic\OneDrive%20-%20Qualcomm\Documents\Standards\3GPP%20Standards\Meeting%20Documents\TSGR1_100b\Docs\R1-2002289.zip) Draft Reply LS to RAN2 on multi-TRP Nokia, Nokia Shanghai Bell
* [R1-2002672](file:///C:\Users\wanshic\OneDrive%20-%20Qualcomm\Documents\Standards\3GPP%20Standards\Meeting%20Documents\TSGR1_100b\Docs\R1-2002672.zip) [Draft] Reply LS on eMIMO RRC parameters Huawei, HiSilicon

Initial assessment:

* There are specific actions to RAN1
* Noted; reply LS is necessary - target 04/23 for email approval

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| **Company** | **Views** |
| Samsung | Agree with the initial assessment.  Answers on the questions in LS:  Ql: Have no issues related to Question 1.  Q2: BDFactor should be configured per cell group.  Q3: Each repetition scheme is not needed to be mutually exclusive to each other from signalling perspective. Detailed condition had been already classified by RAN1.  Q4: Intention on the agreement is to activate per SRS resource. We have no issue in using one MAC CE to activate/deactivate spatial relations for >1 SRS resources.  Q5: Same as Rel-15/16.  - Maximum number of PUCCH resources in a PUCCH group: 128.  - Maximum number of serving cells per CC/BWP lists: 32. |

#### R1-2001506 LS on random access procedure in NR-U RAN2, InterDigital

Related contributions:

* [R1-2001641](file:///C:\Users\wanshic\OneDrive%20-%20Qualcomm\Documents\Standards\3GPP%20Standards\Meeting%20Documents\TSGR1_100b\Docs\R1-2001641.zip) Discussion on random access procedure in NR-U vivo
* [R1-2001718](file:///C:\Users\wanshic\OneDrive%20-%20Qualcomm\Documents\Standards\3GPP%20Standards\Meeting%20Documents\TSGR1_100b\Docs\R1-2001718.zip) Discussion on the LS for the random access procedure in NR-U ZTE, Sanechips
* [R1-2001946](file:///C:\Users\wanshic\OneDrive%20-%20Qualcomm\Documents\Standards\3GPP%20Standards\Meeting%20Documents\TSGR1_100b\Docs\R1-2001946.zip) Draft Reply LS on random access procedure in NR-U LG Electronics
* [R1-2002310](file:///C:\Users\wanshic\OneDrive%20-%20Qualcomm\Documents\Standards\3GPP%20Standards\Meeting%20Documents\TSGR1_100b\Docs\R1-2002310.zip) Discussion on NR-U PRACH root sequence and random access procedure for 2-step RACH Apple

Initial assessment:

* There are a specific action to RAN1 (to capture it in 38.213)
* Noted; no need to reply the LS, but to capture the RAN2 agreements in 38.213 – email approval for the corresponding TP by 04/23, which is to be managed under NR-U AI

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| **Company** | **Views** |
| Samsung | Agree with the initial assessment. |

#### R1-2001507 LS on DCP RAN2, Huawei

Related contributions:

* [R1-2001580](file:///C:\Users\wanshic\OneDrive%20-%20Qualcomm\Documents\Standards\3GPP%20Standards\Meeting%20Documents\TSGR1_100b\Docs\R1-2001580.zip) Draft reply LS on DCP ZTE
* [R1-2001642](file:///C:\Users\wanshic\OneDrive%20-%20Qualcomm\Documents\Standards\3GPP%20Standards\Meeting%20Documents\TSGR1_100b\Docs\R1-2001642.zip) Discussion on MAC-PHY interactions for DCP and CSI reporting vivo
* [R1-2002189](file:///C:\Users\wanshic\OneDrive%20-%20Qualcomm\Documents\Standards\3GPP%20Standards\Meeting%20Documents\TSGR1_100b\Docs\R1-2002189.zip) TP to address RAN2 LS on DCP NEC
* [R1-2002663](file:///C:\Users\wanshic\OneDrive%20-%20Qualcomm\Documents\Standards\3GPP%20Standards\Meeting%20Documents\TSGR1_100b\Docs\R1-2002663.zip) Draft reply LS on the configuration of ps-TransmitPeriodicCSI and ps-TransmitPeriodicL1-RSRP Huawei, HiSilicon

Initial assessment:

* There are specific actions to RAN1
* Noted; reply LS is necessary – option 2 was already last time – quick email approval of the LS by 04/22. The TP corresponding to RAN2 LS is to be discussed and approved under the 2-step AI by 04/23.

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| **Company** | **Views** |
| Samsung | The two specifc actions to RAN1 were done in last e-meeting before RAN2 sent out the official LS.  Option 2 was already agreed. Relpy LS and agreement in RAN1 is needed. |

#### R1-2001508 LS to RAN1 on preamble-to-PRU mapping for 2-step CFRA RAN2, Ericsson

Related contributions:

* [R1-2001639](file:///C:\Users\wanshic\OneDrive%20-%20Qualcomm\Documents\Standards\3GPP%20Standards\Meeting%20Documents\TSGR1_100b\Docs\R1-2001639.zip) Discussion on preamble-to-PRU mapping for 2-step CFRA vivo
* [R1-2001948](file:///C:\Users\wanshic\OneDrive%20-%20Qualcomm\Documents\Standards\3GPP%20Standards\Meeting%20Documents\TSGR1_100b\Docs\R1-2001948.zip) Draft Reply LS on preamble-to-PRU mapping for 2-step CFRA LG Electronics
* [R1-2002102](file:///C:\Users\wanshic\OneDrive%20-%20Qualcomm\Documents\Standards\3GPP%20Standards\Meeting%20Documents\TSGR1_100b\Docs\R1-2002102.zip) Draft reply LS on preamble-to-PRU mapping for 2-step CFRA Samsung
* [R1-2002311](file:///C:\Users\wanshic\OneDrive%20-%20Qualcomm\Documents\Standards\3GPP%20Standards\Meeting%20Documents\TSGR1_100b\Docs\R1-2002311.zip) Discussion on preamble-to-PRU mapping for 2-step CFRA Apple
* [R1-2002374](file:///C:\Users\wanshic\OneDrive%20-%20Qualcomm\Documents\Standards\3GPP%20Standards\Meeting%20Documents\TSGR1_100b\Docs\R1-2002374.zip) [DRAFT] LS Response on preamble-to-PRU mapping for 2-step CFRA Ericsson
* [R1-2002659](file:///C:\Users\wanshic\OneDrive%20-%20Qualcomm\Documents\Standards\3GPP%20Standards\Meeting%20Documents\TSGR1_100b\Docs\R1-2002659.zip) Draft LS reply to RAN2 on preamble-to-PRU mapping for 2-step CFRA Huawei, HiSilicon

Initial assessment:

* There are specific actions to RAN1
* Noted; reply LS is necessary - email approval by 04/23

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| **Company** | **Views** |
| Samsung | Agree with the initial assessment. |

#### R1-2001509 LS on the applicability of UE capability for NE-DC RAN2, ZTE

Related contributions:

* [R1-2001628](file:///C:\Users\wanshic\OneDrive%20-%20Qualcomm\Documents\Standards\3GPP%20Standards\Meeting%20Documents\TSGR1_100b\Docs\R1-2001628.zip) [DRAFT] Reply LS on the applicability of UE capabilities for NE-DC ZTE
* [R1-2002678](file:///C:\Users\wanshic\OneDrive%20-%20Qualcomm\Documents\Standards\3GPP%20Standards\Meeting%20Documents\TSGR1_100b\Docs\R1-2002678.zip) draft reply LS on the applicability of UE capability for NE-DC Huawei, HiSilicon

Initial assessment:

* There are specific actions to RAN1
* Noted; reply LS is necessary - quick email approval by 04/22

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| **Company** | **Views** |
| Samsung | Agree with the initial assessment.  Non-backward compatibility issue should be avoided. |

#### R1-2001510 LS to RAN1 on T-delta in IAB RAN2, Samsung

Related contributions:

* [R1-2002101](file:///C:\Users\wanshic\OneDrive%20-%20Qualcomm\Documents\Standards\3GPP%20Standards\Meeting%20Documents\TSGR1_100b\Docs\R1-2002101.zip) Discussion on T\_delta in IAB Samsung
* [R1-2002187](file:///C:\Users\wanshic\OneDrive%20-%20Qualcomm\Documents\Standards\3GPP%20Standards\Meeting%20Documents\TSGR1_100b\Docs\R1-2002187.zip) Draft reply LS on T\_delta in IAB LG Electronics

//Note: there are also contributions under 7.2.3.4

Initial assessment:

* There are specificic questions to RAN1
* Noted: whether or not to have a reply LS depends on the answers RAN1 will prepare. To discuss for potential LS reply under 7.2.3.4 till 4/23

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| **Company** | **Views** |
| Samsung | Agree with the initial assessment – to discuss under 7.2.3.4:  For the first issue, a mapping between an index and the actual value for T\_delta can be captured in RAN1 spec. For the second issue, 12 bits can cover the T\_delta range regardless of SCS in case 32 Tc granularity is assumed in both FR1 and FR2. |

#### R1-2001511 LS to RAN1 on the starting point of MSGB window RAN2, ZTE

Related contribution:

* [R1-2001640](file:///C:\Users\wanshic\OneDrive%20-%20Qualcomm\Documents\Standards\3GPP%20Standards\Meeting%20Documents\TSGR1_100b\Docs\R1-2001640.zip) Discussion on the starting point of MSGB window vivo
* [R1-2001716](file:///C:\Users\wanshic\OneDrive%20-%20Qualcomm\Documents\Standards\3GPP%20Standards\Meeting%20Documents\TSGR1_100b\Docs\R1-2001716.zip) [Draft] Reply LS on the starting point of MsgB window ZTE, Sanechips
* [R1-2001947](file:///C:\Users\wanshic\OneDrive%20-%20Qualcomm\Documents\Standards\3GPP%20Standards\Meeting%20Documents\TSGR1_100b\Docs\R1-2001947.zip) Draft Reply LS on the starting point of MSGB window LG Electronics
* [R1-2002103](file:///C:\Users\wanshic\OneDrive%20-%20Qualcomm\Documents\Standards\3GPP%20Standards\Meeting%20Documents\TSGR1_100b\Docs\R1-2002103.zip) Draft reply LS on the starting point of MSGB window Samsung
* [R1-2002309](file:///C:\Users\wanshic\OneDrive%20-%20Qualcomm\Documents\Standards\3GPP%20Standards\Meeting%20Documents\TSGR1_100b\Docs\R1-2002309.zip) Discussion on the starting point of MsgB window Apple
* [R1-2002375](file:///C:\Users\wanshic\OneDrive%20-%20Qualcomm\Documents\Standards\3GPP%20Standards\Meeting%20Documents\TSGR1_100b\Docs\R1-2002375.zip) [DRAFT] LS Response on the starting point of MSGB window Ericsson
* [R1-2002658](file:///C:\Users\wanshic\OneDrive%20-%20Qualcomm\Documents\Standards\3GPP%20Standards\Meeting%20Documents\TSGR1_100b\Docs\R1-2002658.zip) Draft LS reply to RAN2 on the starting point of MSGB window Huawei, HiSilicon
* [R1-2002260](file:///C:\Users\wanshic\OneDrive%20-%20Qualcomm\Documents\Standards\3GPP%20Standards\Meeting%20Documents\TSGR1_100b\Docs\R1-2002260.zip) Clarification on the starting point of MsgB window Spreadtrum Communications

Initial assessment:

* There are specific actions to RAN1
* Noted; reply LS is necessary - email approval by 04/23

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| **Company** | **Views** |
| Samsung | Agree with the initial assessment. |

#### R1-2001512 Reply LS on signaling of Q for a serving cell in NR-U RAN2, Qualcomm

Related contributions:

* [R1-2001931](file:///C:\Users\wanshic\OneDrive%20-%20Qualcomm\Documents\Standards\3GPP%20Standards\Meeting%20Documents\TSGR1_100b\Docs\R1-2001931.zip) Discussion on signaling of Q for a serving cell in NR-U LG Electronics

Initial assessment:

* Noted: no need for a reply LS – RAN1 to make a decision accordingly. To be managed under NR-U.

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| **Company** | **Views** |
| Samsung | In general agree with the initial assessment. One clarification, RAN1 has already made a decision on this topic, according to two possibilities of RAN2’s feedback, so the correct RAN1 action should be updating RAN1 spec to reflect the decision from RAN2. |

#### R1-2001513 Guidelines for UE capability definitions RAN2, Ericsson, Intel

Initial assessment:

* No specific action to RAN1
* Noted; to take into account for UE feature discussion

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| **Company** | **Views** |
| Samsung | Agree with the initial assessment |

#### R1-2001514 LS on dormant BWP configuration and related operation RAN2, OPPO

Related contributions:

* [R1-2001629](file:///C:\Users\wanshic\OneDrive%20-%20Qualcomm\Documents\Standards\3GPP%20Standards\Meeting%20Documents\TSGR1_100b\Docs\R1-2001629.zip) [DRAFT] Reply LS on dormant BWP configuration and related operation ZTE
* [R1-2001630](file:///C:\Users\wanshic\OneDrive%20-%20Qualcomm\Documents\Standards\3GPP%20Standards\Meeting%20Documents\TSGR1_100b\Docs\R1-2001630.zip) Discussion on dormant BWP configuration and related operation ZTE
* [R1-2001638](file:///C:\Users\wanshic\OneDrive%20-%20Qualcomm\Documents\Standards\3GPP%20Standards\Meeting%20Documents\TSGR1_100b\Docs\R1-2001638.zip) Draft Reply LS on dormant BWP configuration and related operation vivo
* [R1-2001771](file:///C:\Users\wanshic\OneDrive%20-%20Qualcomm\Documents\Standards\3GPP%20Standards\Meeting%20Documents\TSGR1_100b\Docs\R1-2001771.zip) Draft reply LS on dormant BWP configuration and related operation OPPO
* [R1-2001838](file:///C:\Users\wanshic\OneDrive%20-%20Qualcomm\Documents\Standards\3GPP%20Standards\Meeting%20Documents\TSGR1_100b\Docs\R1-2001838.zip) Draft LS reply on dormant BWP configuration and related operation MediaTek Inc.
* [R1-2002051](file:///C:\Users\wanshic\OneDrive%20-%20Qualcomm\Documents\Standards\3GPP%20Standards\Meeting%20Documents\TSGR1_100b\Docs\R1-2002051.zip) Discussion on RAN2 LS on dormant BWP configuration and related operation Futurewei
* [R1-2002055](file:///C:\Users\wanshic\OneDrive%20-%20Qualcomm\Documents\Standards\3GPP%20Standards\Meeting%20Documents\TSGR1_100b\Docs\R1-2002055.zip) Discussion on RAN2 LS on dormant BWP configuration and related operation LG Electronics
* [R1-2002057](file:///C:\Users\wanshic\OneDrive%20-%20Qualcomm\Documents\Standards\3GPP%20Standards\Meeting%20Documents\TSGR1_100b\Docs\R1-2002057.zip) Draft reply LS on dormant BWP configuration and related operation CATT
* [R1-2002298](file:///C:\Users\wanshic\OneDrive%20-%20Qualcomm\Documents\Standards\3GPP%20Standards\Meeting%20Documents\TSGR1_100b\Docs\R1-2002298.zip) [DRAFT] Reply LS on dormant BWP configuration and related operation Nokia, Nokia Shanghai Bell
* [R1-2002515](file:///C:\Users\wanshic\OneDrive%20-%20Qualcomm\Documents\Standards\3GPP%20Standards\Meeting%20Documents\TSGR1_100b\Docs\R1-2002515.zip) Draft response to LS on dormant BWP configuration and related operation Qualcomm Incorporated
* [R1-2002664](file:///C:\Users\wanshic\OneDrive%20-%20Qualcomm\Documents\Standards\3GPP%20Standards\Meeting%20Documents\TSGR1_100b\Docs\R1-2002664.zip) Draft LS response to RAN2 LS on dormancy behavior Huawei, HiSilicon
* [R1-2002680](file:///C:\Users\wanshic\OneDrive%20-%20Qualcomm\Documents\Standards\3GPP%20Standards\Meeting%20Documents\TSGR1_100b\Docs\R1-2002680.zip) Discussion on the reply LS for SCell dormancy Huawei, HiSilicon

Initial assessment:

* There are specific actions to RAN1
* Noted; Reply LS is necessary – targeting 4/24 for email approval

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| * **Company** | **Views** |
| Samsung | Agree with the initial assessment.  Our initial feedbacks on the questions are as below:  **Q1), Q2)** We don’t see any issue.  **Q3)** We don’t see any issue for CSI reporting but identify some issue for SRS triggered by DCI format 2\_3. This issue can be handled by RAN1.  **Q4), Q5)** This is just for flexibility. Network can configure first non-dormant BWP(s) properly according to the purpose.  **Q6)** Basically, implicit configuration for BFD-RS is not possible for dormant DL BWP with current RAN1 sepcification. Therefore it is recommended to use explicit configuration only.  **Q7)** The default BWP cannot be same as dormant BWP |

#### R1-2001519 Reply LS on CSI-RS capabilities (FG 2-33/36/40/41/43) RAN2, NTT DOCOMO

Related contributions:

* [R1-2001590](file:///C:\Users\wanshic\OneDrive%20-%20Qualcomm\Documents\Standards\3GPP%20Standards\Meeting%20Documents\TSGR1_100b\Docs\R1-2001590.zip) Draft reply LS on UE capabilities of CSI-RS ZTE
* [R1-2001901](file:///C:\Users\wanshic\OneDrive%20-%20Qualcomm\Documents\Standards\3GPP%20Standards\Meeting%20Documents\TSGR1_100b\Docs\R1-2001901.zip) Draft reply LS on CSI-RS capabilities (FG 2-33/36/40/41/43) vivo
* [R1-2001980](file:///C:\Users\wanshic\OneDrive%20-%20Qualcomm\Documents\Standards\3GPP%20Standards\Meeting%20Documents\TSGR1_100b\Docs\R1-2001980.zip) Draft reply LS on CSI-RS capabilities Intel Corporation
* [R1-2002100](file:///C:\Users\wanshic\OneDrive%20-%20Qualcomm\Documents\Standards\3GPP%20Standards\Meeting%20Documents\TSGR1_100b\Docs\R1-2002100.zip) Draft reply to RAN2 LS on CSI-RS capabilities (FG 2-33/36/40/41/43) Samsung
* [R1-2002427](file:///C:\Users\wanshic\OneDrive%20-%20Qualcomm\Documents\Standards\3GPP%20Standards\Meeting%20Documents\TSGR1_100b\Docs\R1-2002427.zip) [Draft] Reply LS on CSI-RS capabilities (FG 2-33/36/40/41/43) NTT DOCOMO, INC
* [R1-2002514](file:///C:\Users\wanshic\OneDrive%20-%20Qualcomm\Documents\Standards\3GPP%20Standards\Meeting%20Documents\TSGR1_100b\Docs\R1-2002514.zip) Draft response to Reply LS on CSI-RS capabilities Qualcomm Incorporated
* [R1-2002673](file:///C:\Users\wanshic\OneDrive%20-%20Qualcomm\Documents\Standards\3GPP%20Standards\Meeting%20Documents\TSGR1_100b\Docs\R1-2002673.zip) Discussion on Reply LS on CSI-RS capabilities (FG 2-33/36/40/41/43) Huawei, HiSilicon
* [R1-2002681](file:///C:\Users\wanshic\OneDrive%20-%20Qualcomm\Documents\Standards\3GPP%20Standards\Meeting%20Documents\TSGR1_100b\Docs\R1-2002681.zip) [Draft] Reply LS on CSI-RS capabilities (FG 2-33/36/40/41/43) Huawei, HiSilicon

Initial assessment:

* Specific actions to RAN1
* Noted; Reply LS is necessary – targeting 4/24 for email approval

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| **Company** | **Views** |
| NTT DOCOMO | Based on reviewing the tdocs, companies’ inputs are summarized as below. We think Q2 is quite stable, and we can discuss mainly on Q1, Q3.   * Summary of discussion points:   + Q1: whether “active Tx ports/resources across multiple slots” should be reported?     - No (“per slot” reporting is enough): ZTE, vivo, DOCOMO     - Yes: Intel(?), Samsung     - Question from Huawei/HiSilicon (what are definitions of the starting slot and the ending slot of “multiple slots”)   + Q2: whether the current maximum value of simultaneous CSI-RS resources and CSI-RS ports are enough?     - Yes: ZTE, vivo, Intel, Samsung, DOCOMO, Qualcomm, Huawei/HiSilicon   + Q3: whether to report *maxNumberTxPortsPerResource* per BC?     - Yes: ZTE, Intel, Qualcomm, Huawei/HiSilicon     - No: vivo, Samsung, DOCOMO   + More information to solve under reporting issue (although, this is not explicitly asked)     - Opt. 1) Enhancement of FG2-33 to enable reporting multiple combinations of max. number of CSI-RS resources and CSI-RS ports per BC per each CSI codebook type (by DOCOMO)     - Opt.2) A list of supported combinations for each codebook, whereas each combination is a triplet of {maxNumberTxPortsPerResource, maxNumberResources, totalNumberTxPorts}, shall be signaled to gNB with a granularity of per BC (by Qualcomm, Huawei/HiSilicon)   ----------------------------------------------------------------------------------------------------------------------------------------  Following are comments from DOCOMO perspective:   * For Q1, in our understanding, Q1 comes from misunderstanding of issue between RAN1-RAN2, and reporting triplet per multiple slots does not solve the under reporting issue. * For Q3, we are wondering why *maxNumberTxPortsPerResource* should be reported per BC. Since it is the max Tx ports per “a resource”, we think it is enough to report per band. As an another issue, in case *maxNumberTxPortsPerResource* is reported per BC, all bands in the BC, including single band, is limited by the per BC reporting. * For the solution, we think RAN2 does not clearly understand the issue of current per BC reporting of FG2-33 (except reporting per CSI codebook type), it is good to inform the issue of current FG2-33 (i.e. only single combination of FG2-33 per BC cannot avoid the under reporting) |
| Samsung | Agree with the initial assessment.  Answers on the LS is as follows:  Q1: Have the same understanding with the CR mentioned in Q1.  Q2: The existing maximum value is enough for the new capability.  Q3: Have no issue on excluding the field *maxNumberTxPortsPerResource* in the new capability signalling. |
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#### R1-2001522 LS on Tx switching between two uplink carriers RAN4, Apple

Related contributions:

* [R1-2001627](file:///C:\Users\wanshic\OneDrive%20-%20Qualcomm\Documents\Standards\3GPP%20Standards\Meeting%20Documents\TSGR1_100b\Docs\R1-2001627.zip) [DRAFT] Reply LS on Tx switching between two uplink carriers ZTE
* [R1-2002308](file:///C:\Users\wanshic\OneDrive%20-%20Qualcomm\Documents\Standards\3GPP%20Standards\Meeting%20Documents\TSGR1_100b\Docs\R1-2002308.zip) [Draft] Reply LS on UE Tx switching period delay and DL interruption Apple
* [R1-2002394](file:///C:\Users\wanshic\OneDrive%20-%20Qualcomm\Documents\Standards\3GPP%20Standards\Meeting%20Documents\TSGR1_100b\Docs\R1-2002394.zip) Discussion on RAN1 specification impact of DL interruption CATT
* [R1-2002516](file:///C:\Users\wanshic\OneDrive%20-%20Qualcomm\Documents\Standards\3GPP%20Standards\Meeting%20Documents\TSGR1_100b\Docs\R1-2002516.zip) Dicussion on 1Tx-2Tx switching impact in RAN1 Qualcomm Incorporated
* [R1-2002615](file:///C:\Users\wanshic\OneDrive%20-%20Qualcomm\Documents\Standards\3GPP%20Standards\Meeting%20Documents\TSGR1_100b\Docs\R1-2002615.zip) On UE Tx switching period delay and DL interruption Nokia, Nokia Shanghai Bell

Initial assessment:

* Specific actions to RAN1
* Noted; Reply LS is necessary – targeting 4/22 for email approval

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| --- | --- |
| **Company** | **Views** |
| Samsung | We suggest to discuss this LS under AI 5.1 – our Tdoc R1-2002104 is available there:  There is no RAN1 spec impact on DL interruption since the network scheduling in any scenario can avoid the DL interruption.  In addition,**t**he UE without DL interruption during the switching may have no significant loss of the downlink resource even if there is no capability for DL interruption. |

#### R1-2001966 LS/o on synchronization of Y.DNI-fr “Framework and Requirements of Decentralized Trustworthy Network Infrastructure” in Q2/13 ITU-T SG13, China Telecom, Huawei

Initial assessment:

* No specific action to RAN1
* Noted, no subsequent email discussion/approval

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| --- | --- |
| **Company** | **Views** |
|  |  |

## Incoming LSs “CC: RAN1”

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

[R1-2001503](file:///C:\Users\wanshic\OneDrive%20-%20Qualcomm\Documents\Standards\3GPP%20Standards\Meeting%20Documents\TSGR1_100b\Docs\R1-2001503.zip) LS on power control for NR-DC RAN2, vivo

[R1-2001504](file:///C:\Users\wanshic\OneDrive%20-%20Qualcomm\Documents\Standards\3GPP%20Standards\Meeting%20Documents\TSGR1_100b\Docs\R1-2001504.zip) LS to RAN4 on measurement range and granularity RAN2, Intel

[R1-2001515](file:///C:\Users\wanshic\OneDrive%20-%20Qualcomm\Documents\Standards\3GPP%20Standards\Meeting%20Documents\TSGR1_100b\Docs\R1-2001515.zip) Reply LS on updates for TS 36.300 and TS 38.300 RAN3, Ericsson

[R1-2001516](file:///C:\Users\wanshic\OneDrive%20-%20Qualcomm\Documents\Standards\3GPP%20Standards\Meeting%20Documents\TSGR1_100b\Docs\R1-2001516.zip) Reply LS on UAV positioning SA1, InterDigital

[R1-2001520](file:///C:\Users\wanshic\OneDrive%20-%20Qualcomm\Documents\Standards\3GPP%20Standards\Meeting%20Documents\TSGR1_100b\Docs\R1-2001520.zip) LS on gNB measurements report mapping for NR Positioning RAN4, Ericsson

[R1-2001521](file:///C:\Users\wanshic\OneDrive%20-%20Qualcomm\Documents\Standards\3GPP%20Standards\Meeting%20Documents\TSGR1_100b\Docs\R1-2001521.zip) LS on UL LBT failure recovery for the target cell RAN4, Ericsson

[R1-2001523](file:///C:\Users\wanshic\OneDrive%20-%20Qualcomm\Documents\Standards\3GPP%20Standards\Meeting%20Documents\TSGR1_100b\Docs\R1-2001523.zip) Reply LS on CLI measurement capability RAN4, Huawei

## Others

**//Related to LS R1-2000165, Secondary DRX**

Original LS:

* R1-2000165 LS on secondary DRX group RAN2, Ericsson

Related contributions:

* [R1-2001581](file:///C:\Users\wanshic\OneDrive%20-%20Qualcomm\Documents\Standards\3GPP%20Standards\Meeting%20Documents\TSGR1_100b\Docs\R1-2001581.zip) Discussion on secondary DRX group ZTE
* [R1-2001582](file:///C:\Users\wanshic\OneDrive%20-%20Qualcomm\Documents\Standards\3GPP%20Standards\Meeting%20Documents\TSGR1_100b\Docs\R1-2001582.zip) Draft reply LS on secondary DRX group ZTE
* [R1-2001693](file:///C:\Users\wanshic\OneDrive%20-%20Qualcomm\Documents\Standards\3GPP%20Standards\Meeting%20Documents\TSGR1_100b\Docs\R1-2001693.zip) Discussion on 2nd DRX group vivo
* [R1-2001845](file:///C:\Users\wanshic\OneDrive%20-%20Qualcomm\Documents\Standards\3GPP%20Standards\Meeting%20Documents\TSGR1_100b\Docs\R1-2001845.zip) Discussion on impact of secondary DRX group MediaTek Inc.
* [R1-2002056](file:///C:\Users\wanshic\OneDrive%20-%20Qualcomm\Documents\Standards\3GPP%20Standards\Meeting%20Documents\TSGR1_100b\Docs\R1-2002056.zip) Discussion on the RAN1 impacts on Secondary DRX group CATT
* [R1-2002492](file:///C:\Users\wanshic\OneDrive%20-%20Qualcomm\Documents\Standards\3GPP%20Standards\Meeting%20Documents\TSGR1_100b\Docs\R1-2002492.zip) Draft LS response on secondary DRX group Ericsson
* [R1-2002493](file:///C:\Users\wanshic\OneDrive%20-%20Qualcomm\Documents\Standards\3GPP%20Standards\Meeting%20Documents\TSGR1_100b\Docs\R1-2002493.zip) On secondary DRX group Ericsson
* [R1-2002578](file:///C:\Users\wanshic\OneDrive%20-%20Qualcomm\Documents\Standards\3GPP%20Standards\Meeting%20Documents\TSGR1_100b\Docs\R1-2002578.zip) RAN1 impact analysis due to the introduction of secondary DRX cycle Huawei, HiSilicon
* [R1-2002662](file:///C:\Users\wanshic\OneDrive%20-%20Qualcomm\Documents\Standards\3GPP%20Standards\Meeting%20Documents\TSGR1_100b\Docs\R1-2002662.zip) Draft reply LS on secondary DRX cycle Huawei, HiSilicon

Initial assessment:

* Email discussion/approval by 04/24?

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| --- | --- |
| **Company** | **Views** |
|  |  |

**//Related to LS R1-2001236, 2-Step**

Original LS:

* [R1-2001236](file:///C:\Users\wanshic\AppData\Local\Temp\Docs\R1-2001236.zip) LS to RAN1 on Support of 2-step CFRA RAN2, ZTE

Related contributions:

* [R1-2001717](file:///C:\Users\wanshic\OneDrive%20-%20Qualcomm\Documents\Standards\3GPP%20Standards\Meeting%20Documents\TSGR1_100b\Docs\R1-2001717.zip) [Draft] Reply LS on the support of 2-step CFRA ZTE, Sanechips
* [R1-2002376](file:///C:\Users\wanshic\OneDrive%20-%20Qualcomm\Documents\Standards\3GPP%20Standards\Meeting%20Documents\TSGR1_100b\Docs\R1-2002376.zip) [DRAFT] LS Response on Support of CSI-RS in 2-step CFRA Ericsson
* [R1-2002660](file:///C:\Users\wanshic\OneDrive%20-%20Qualcomm\Documents\Standards\3GPP%20Standards\Meeting%20Documents\TSGR1_100b\Docs\R1-2002660.zip) Draft LS reply to RAN2 on support of 2-step CFRA Huawei, HiSilicon

Initial assessment:

* Quick email discussion/approval till 4/22?

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| --- | --- |
| **Company** | **Views** |
| Samsung | Agree with the initial assessment |

**//Related to LS R1-2001237 (2-Step)**

**Original LS:**

* [R1-2001237](file:///C:\Users\wanshic\AppData\Local\Temp\Docs\R1-2001237.zip) LS to RAN1 on NR-U PRACH root sequence for 2-step RA RAN2, Ericsson

Related contributions:

* [R1-2002373](file:///C:\Users\wanshic\OneDrive%20-%20Qualcomm\Documents\Standards\3GPP%20Standards\Meeting%20Documents\TSGR1_100b\Docs\R1-2002373.zip) [DRAFT] LS Response on NR-U PRACH root sequence for 2-step RA Ericsson

Initial assessment:

* Quick email discussion/approval till 4/22?

|  |  |
| --- | --- |
| **Company** | **Views** |
| Samsung | Agree with the initial assessment |

//Related to R1-1909950 (received interference power measurement)

Original LS

* [R1-1909950](file:///C:\Users\wanshic\OneDrive%20-%20Qualcomm\Documents\Standards\3GPP%20Standards\Meeting%20Documents\TSGR1_98b\R1-1909950.zip) LS on the feasibility of Received Interference Power measurement RAN2, Huawei

Related contributions:

* [R1-2002670](file:///C:\Users\wanshic\OneDrive%20-%20Qualcomm\Documents\Standards\3GPP%20Standards\Meeting%20Documents\TSGR1_100b\Docs\R1-2002670.zip) Discussion on the feasibility of received interference power measurement in NR Huawei, HiSilicon
* [R1-2002671](file:///C:\Users\wanshic\OneDrive%20-%20Qualcomm\Documents\Standards\3GPP%20Standards\Meeting%20Documents\TSGR1_100b\Docs\R1-2002671.zip) Draft Reply LS on the feasibility of received interference power measurement Huawei, HiSilicon

Initial assessment:

* Email discussion/approval till 4/23?

|  |  |
| --- | --- |
| **Company** | **Views** |
|  |  |

**//Related to V2X**

[R1-2002677](file:///C:\Users\wanshic\OneDrive%20-%20Qualcomm\Documents\Standards\3GPP%20Standards\Meeting%20Documents\TSGR1_100b\Docs\R1-2002677.zip) [Draft] Reply LS on UL-SL prioritization Huawei

Initial assessment:

* RAN1 already replied in R1-1911720?
* No immediate need for a LS to RAN2?

|  |  |
| --- | --- |
| **Company** | **Views** |
| Samsung | RAN1 has to discuss this SL/UL collision scenario and provide some prioritization rule. Email discussion can be made here or in NR V2X mode1 discussion. |

# Conclusion

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

* TBD

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[R1-2002055](file:///C:\Users\wanshic\OneDrive%20-%20Qualcomm\Documents\Standards\3GPP%20Standards\Meeting%20Documents\TSGR1_100b\Docs\R1-2002055.zip) Discussion on RAN2 LS on dormant BWP configuration and related operation LG Electronics

[R1-2002056](file:///C:\Users\wanshic\OneDrive%20-%20Qualcomm\Documents\Standards\3GPP%20Standards\Meeting%20Documents\TSGR1_100b\Docs\R1-2002056.zip) Discussion on the RAN1 impacts on Secondary DRX group CATT

[R1-2002057](file:///C:\Users\wanshic\OneDrive%20-%20Qualcomm\Documents\Standards\3GPP%20Standards\Meeting%20Documents\TSGR1_100b\Docs\R1-2002057.zip) Draft reply LS on dormant BWP configuration and related operation CATT

[R1-2002058](file:///C:\Users\wanshic\OneDrive%20-%20Qualcomm\Documents\Standards\3GPP%20Standards\Meeting%20Documents\TSGR1_100b\Docs\R1-2002058.zip) Draft reply LS on MIMO RRC parameters CATT

[R1-2002099](file:///C:\Users\wanshic\OneDrive%20-%20Qualcomm\Documents\Standards\3GPP%20Standards\Meeting%20Documents\TSGR1_100b\Docs\R1-2002099.zip) Draft reply to RAN2 LS on eMIMO RRC parameters Samsung

[R1-2002100](file:///C:\Users\wanshic\OneDrive%20-%20Qualcomm\Documents\Standards\3GPP%20Standards\Meeting%20Documents\TSGR1_100b\Docs\R1-2002100.zip) Draft reply to RAN2 LS on CSI-RS capabilities (FG 2-33/36/40/41/43) Samsung

[R1-2002101](file:///C:\Users\wanshic\OneDrive%20-%20Qualcomm\Documents\Standards\3GPP%20Standards\Meeting%20Documents\TSGR1_100b\Docs\R1-2002101.zip) Discussion on T\_delta in IAB Samsung

[R1-2002102](file:///C:\Users\wanshic\OneDrive%20-%20Qualcomm\Documents\Standards\3GPP%20Standards\Meeting%20Documents\TSGR1_100b\Docs\R1-2002102.zip) Draft reply LS on preamble-to-PRU mapping for 2-step CFRA Samsung

[R1-2002103](file:///C:\Users\wanshic\OneDrive%20-%20Qualcomm\Documents\Standards\3GPP%20Standards\Meeting%20Documents\TSGR1_100b\Docs\R1-2002103.zip) Draft reply LS on the starting point of MSGB window Samsung

[R1-2002187](file:///C:\Users\wanshic\OneDrive%20-%20Qualcomm\Documents\Standards\3GPP%20Standards\Meeting%20Documents\TSGR1_100b\Docs\R1-2002187.zip) Draft reply LS on T\_delta in IAB LG Electronics

[R1-2002285](file:///C:\Users\wanshic\OneDrive%20-%20Qualcomm\Documents\Standards\3GPP%20Standards\Meeting%20Documents\TSGR1_100b\Docs\R1-2002285.zip) Draft LS reply on eMIMO RRC parameters Ericsson

[R1-2002289](file:///C:\Users\wanshic\OneDrive%20-%20Qualcomm\Documents\Standards\3GPP%20Standards\Meeting%20Documents\TSGR1_100b\Docs\R1-2002289.zip) Draft Reply LS to RAN2 on multi-TRP Nokia, Nokia Shanghai Bell

[R1-2002298](file:///C:\Users\wanshic\OneDrive%20-%20Qualcomm\Documents\Standards\3GPP%20Standards\Meeting%20Documents\TSGR1_100b\Docs\R1-2002298.zip) [DRAFT] Reply LS on dormant BWP configuration and related operation Nokia, Nokia Shanghai Bell

[R1-2002308](file:///C:\Users\wanshic\OneDrive%20-%20Qualcomm\Documents\Standards\3GPP%20Standards\Meeting%20Documents\TSGR1_100b\Docs\R1-2002308.zip) [Draft] Reply LS on UE Tx switching period delay and DL interruption Apple

[R1-2002309](file:///C:\Users\wanshic\OneDrive%20-%20Qualcomm\Documents\Standards\3GPP%20Standards\Meeting%20Documents\TSGR1_100b\Docs\R1-2002309.zip) Discussion on the starting point of MsgB window Apple

[R1-2002310](file:///C:\Users\wanshic\OneDrive%20-%20Qualcomm\Documents\Standards\3GPP%20Standards\Meeting%20Documents\TSGR1_100b\Docs\R1-2002310.zip) Discussion on NR-U PRACH root sequence and random access procedure for 2-step RACH Apple

[R1-2002311](file:///C:\Users\wanshic\OneDrive%20-%20Qualcomm\Documents\Standards\3GPP%20Standards\Meeting%20Documents\TSGR1_100b\Docs\R1-2002311.zip) Discussion on preamble-to-PRU mapping for 2-step CFRA Apple

[R1-2002373](file:///C:\Users\wanshic\OneDrive%20-%20Qualcomm\Documents\Standards\3GPP%20Standards\Meeting%20Documents\TSGR1_100b\Docs\R1-2002373.zip) [DRAFT] LS Response on NR-U PRACH root sequence for 2-step RA Ericsson

[R1-2002374](file:///C:\Users\wanshic\OneDrive%20-%20Qualcomm\Documents\Standards\3GPP%20Standards\Meeting%20Documents\TSGR1_100b\Docs\R1-2002374.zip) [DRAFT] LS Response on preamble-to-PRU mapping for 2-step CFRA Ericsson

[R1-2002375](file:///C:\Users\wanshic\OneDrive%20-%20Qualcomm\Documents\Standards\3GPP%20Standards\Meeting%20Documents\TSGR1_100b\Docs\R1-2002375.zip) [DRAFT] LS Response on the starting point of MSGB window Ericsson

[R1-2002376](file:///C:\Users\wanshic\OneDrive%20-%20Qualcomm\Documents\Standards\3GPP%20Standards\Meeting%20Documents\TSGR1_100b\Docs\R1-2002376.zip) [DRAFT] LS Response on Support of CSI-RS in 2-step CFRA Ericsson

[R1-2002394](file:///C:\Users\wanshic\OneDrive%20-%20Qualcomm\Documents\Standards\3GPP%20Standards\Meeting%20Documents\TSGR1_100b\Docs\R1-2002394.zip) Discussion on RAN1 specification impact of DL interruption CATT

[R1-2002427](file:///C:\Users\wanshic\OneDrive%20-%20Qualcomm\Documents\Standards\3GPP%20Standards\Meeting%20Documents\TSGR1_100b\Docs\R1-2002427.zip) [Draft] Reply LS on CSI-RS capabilities (FG 2-33/36/40/41/43) NTT DOCOMO, INC

[R1-2002492](file:///C:\Users\wanshic\OneDrive%20-%20Qualcomm\Documents\Standards\3GPP%20Standards\Meeting%20Documents\TSGR1_100b\Docs\R1-2002492.zip) Draft LS response on secondary DRX group Ericsson

[R1-2002493](file:///C:\Users\wanshic\OneDrive%20-%20Qualcomm\Documents\Standards\3GPP%20Standards\Meeting%20Documents\TSGR1_100b\Docs\R1-2002493.zip) On secondary DRX group Ericsson

[R1-2002501](file:///C:\Users\wanshic\OneDrive%20-%20Qualcomm\Documents\Standards\3GPP%20Standards\Meeting%20Documents\TSGR1_100b\Docs\R1-2002501.zip) On the LS on open PUR issues for NB-IoT/eMTC Ericsson

[R1-2002502](file:///C:\Users\wanshic\OneDrive%20-%20Qualcomm\Documents\Standards\3GPP%20Standards\Meeting%20Documents\TSGR1_100b\Docs\R1-2002502.zip) On the LS on NR coexistence for NB-IoT/eMTC Ericsson

[R1-2002514](file:///C:\Users\wanshic\OneDrive%20-%20Qualcomm\Documents\Standards\3GPP%20Standards\Meeting%20Documents\TSGR1_100b\Docs\R1-2002514.zip) Draft response to Reply LS on CSI-RS capabilities Qualcomm Incorporated

[R1-2002515](file:///C:\Users\wanshic\OneDrive%20-%20Qualcomm\Documents\Standards\3GPP%20Standards\Meeting%20Documents\TSGR1_100b\Docs\R1-2002515.zip) Draft response to LS on dormant BWP configuration and related operation Qualcomm Incorporated

[R1-2002516](file:///C:\Users\wanshic\OneDrive%20-%20Qualcomm\Documents\Standards\3GPP%20Standards\Meeting%20Documents\TSGR1_100b\Docs\R1-2002516.zip) Dicussion on 1Tx-2Tx switching impact in RAN1 Qualcomm Incorporated

[R1-2002578](file:///C:\Users\wanshic\OneDrive%20-%20Qualcomm\Documents\Standards\3GPP%20Standards\Meeting%20Documents\TSGR1_100b\Docs\R1-2002578.zip) RAN1 impact analysis due to the introduction of secondary DRX cycle Huawei, HiSilicon

[R1-2002602](file:///C:\Users\wanshic\OneDrive%20-%20Qualcomm\Documents\Standards\3GPP%20Standards\Meeting%20Documents\TSGR1_100b\Docs\R1-2002602.zip) Draft reply LS on NR coexistence Huawei, HiSilicon

[R1-2002603](file:///C:\Users\wanshic\OneDrive%20-%20Qualcomm\Documents\Standards\3GPP%20Standards\Meeting%20Documents\TSGR1_100b\Docs\R1-2002603.zip) Draft reply LS on open PUR issues for NB-IoT/eMTC Huawei, HiSilicon

[R1-2002615](file:///C:\Users\wanshic\OneDrive%20-%20Qualcomm\Documents\Standards\3GPP%20Standards\Meeting%20Documents\TSGR1_100b\Docs\R1-2002615.zip) On UE Tx switching period delay and DL interruption Nokia, Nokia Shanghai Bell

R1-2002657 On resouce reservation in NB-IoT and eMTC Futurewei

Withdrawn

[R1-2002658](file:///C:\Users\wanshic\OneDrive%20-%20Qualcomm\Documents\Standards\3GPP%20Standards\Meeting%20Documents\TSGR1_100b\Docs\R1-2002658.zip) Draft LS reply to RAN2 on the starting point of MSGB window Huawei, HiSilicon

[R1-2002659](file:///C:\Users\wanshic\OneDrive%20-%20Qualcomm\Documents\Standards\3GPP%20Standards\Meeting%20Documents\TSGR1_100b\Docs\R1-2002659.zip) Draft LS reply to RAN2 on preamble-to-PRU mapping for 2-step CFRA Huawei, HiSilicon

[R1-2002660](file:///C:\Users\wanshic\OneDrive%20-%20Qualcomm\Documents\Standards\3GPP%20Standards\Meeting%20Documents\TSGR1_100b\Docs\R1-2002660.zip) Draft LS reply to RAN2 on support of 2-step CFRA Huawei, HiSilicon

[R1-2002662](file:///C:\Users\wanshic\OneDrive%20-%20Qualcomm\Documents\Standards\3GPP%20Standards\Meeting%20Documents\TSGR1_100b\Docs\R1-2002662.zip) Draft reply LS on secondary DRX cycle Huawei, HiSilicon

[R1-2002663](file:///C:\Users\wanshic\OneDrive%20-%20Qualcomm\Documents\Standards\3GPP%20Standards\Meeting%20Documents\TSGR1_100b\Docs\R1-2002663.zip) Draft reply LS on the configuration of ps-TransmitPeriodicCSI and ps-TransmitPeriodicL1-RSRP Huawei, HiSilicon

[R1-2002664](file:///C:\Users\wanshic\OneDrive%20-%20Qualcomm\Documents\Standards\3GPP%20Standards\Meeting%20Documents\TSGR1_100b\Docs\R1-2002664.zip) Draft LS response to RAN2 LS on dormancy behavior Huawei, HiSilicon

[R1-2002670](file:///C:\Users\wanshic\OneDrive%20-%20Qualcomm\Documents\Standards\3GPP%20Standards\Meeting%20Documents\TSGR1_100b\Docs\R1-2002670.zip) Discussion on the feasibility of received interference power measurement in NR Huawei, HiSilicon

[R1-2002671](file:///C:\Users\wanshic\OneDrive%20-%20Qualcomm\Documents\Standards\3GPP%20Standards\Meeting%20Documents\TSGR1_100b\Docs\R1-2002671.zip) Draft Reply LS on the feasibility of received interference power measurement Huawei, HiSilicon

[R1-2002672](file:///C:\Users\wanshic\OneDrive%20-%20Qualcomm\Documents\Standards\3GPP%20Standards\Meeting%20Documents\TSGR1_100b\Docs\R1-2002672.zip) [Draft] Reply LS on eMIMO RRC parameters Huawei, HiSilicon

[R1-2002673](file:///C:\Users\wanshic\OneDrive%20-%20Qualcomm\Documents\Standards\3GPP%20Standards\Meeting%20Documents\TSGR1_100b\Docs\R1-2002673.zip) Discussion on Reply LS on CSI-RS capabilities (FG 2-33/36/40/41/43) Huawei, HiSilicon

[R1-2002677](file:///C:\Users\wanshic\OneDrive%20-%20Qualcomm\Documents\Standards\3GPP%20Standards\Meeting%20Documents\TSGR1_100b\Docs\R1-2002677.zip) [Draft] Reply LS on UL-SL prioritization Huawei

[R1-2002678](file:///C:\Users\wanshic\OneDrive%20-%20Qualcomm\Documents\Standards\3GPP%20Standards\Meeting%20Documents\TSGR1_100b\Docs\R1-2002678.zip) draft reply LS on the applicability of UE capability for NE-DC Huawei, HiSilicon

[R1-2002680](file:///C:\Users\wanshic\OneDrive%20-%20Qualcomm\Documents\Standards\3GPP%20Standards\Meeting%20Documents\TSGR1_100b\Docs\R1-2002680.zip) Discussion on the reply LS for SCell dormancy Huawei, HiSilicon

[R1-2002681](file:///C:\Users\wanshic\OneDrive%20-%20Qualcomm\Documents\Standards\3GPP%20Standards\Meeting%20Documents\TSGR1_100b\Docs\R1-2002681.zip) [Draft] Reply LS on CSI-RS capabilities (FG 2-33/36/40/41/43) Huawei, HiSilicon