3GPP TSG-RAN WG2 Meeting #112-e [R2-2010711](https://www.3gpp.org/ftp/TSG_RAN/WG2_RL2/TSGR2_112-e/Docs/R2-2010710.zip)

Online, 2 – 13 November 2020

**Agenda item: 4.5**

**Source: Nokia (RAN2 Vice-chair )**

**Title: Summary of [202][LTE] LTE editorial corrections (RAN2 VC)**

**Document for: Discussion and Decision**

# 1 Brief scope of the contributions

This document contains the summary of documents from agenda item 4.5 (“Other LTE corrections Rel-15 and earlier”) as per below excerpt from the session chair minutes:

* [AT112-e][202][LTE] LTE editorial corrections (RAN2 VC)

Scope:

* + - Discuss the CRs under AI 4.5, 7.1.X and 7.5 marked for this email discussion

Intended outcome:

* + - Discussion summary in [R2-2010711](file:///C:\Users\terhentt\Documents\Tdocs\RAN2\RAN2_112-e\R2-2010711.zip) (by email rapporteur)
    - Agreeable CRs for 36.300, 36.306 and 36.331 (if any) by specification rapporteurs (after online session)

Deadline for providing comments and for rapporteur inputs:

* + - Initial deadline (for companies' feedback): 1st week Fri, UTC 0900
    - Initial deadline (for rapporteur's summary in [R2-2010711](file:///C:\Users\terhentt\Documents\Tdocs\RAN2\RAN2_112-e\R2-2010711.zip)): 2nd week Mon, UTC 13:00
    - Deadline for CR finalization: 2nd week Thu, UTC 1000

By Email [202] (1)

Rel-15: Stage-2 rapporteur CR:

[R2-2009801](file:///C:\Users\terhentt\Documents\Tdocs\RAN2\RAN2_112-e\R2-2009801.zip) Miscellaneous Stage-2 corrections Nokia (rapporteur), NEC CR Rel-15 36.300 15.11.0 1323 - F NB\_IOTenh2-Core, LTE\_eMTC4-Core, TEI15

* Email 202

By Email [202] (1)

[R2-2008904](file:///C:\Users\terhentt\Documents\Tdocs\RAN2\RAN2_112-e\R2-2008904.zip) Removal of DelayBudgetReport message in stage 2 Lenovo, Motorola Mobility CR Rel-14 36.300 14.12.0 1317 - F LTE\_VoLTE\_ViLTE\_enh-Core

[R2-2008905](file:///C:\Users\terhentt\Documents\Tdocs\RAN2\RAN2_112-e\R2-2008905.zip) Removal of DelayBudgetReport message in stage 2 Lenovo, Motorola Mobility CR Rel-15 36.300 15.11.0 1318 - A LTE\_VoLTE\_ViLTE\_enh-Core

[R2-2008906](file:///C:\Users\terhentt\Documents\Tdocs\RAN2\RAN2_112-e\R2-2008906.zip) Removal of DelayBudgetReport message in stage 2 Lenovo, Motorola Mobility CR Rel-16 36.300 16.3.0 1319 - A LTE\_VoLTE\_ViLTE\_enh-Core

* Email 202

By Email [202] (2+2)

Stage-2 updates:

[R2-2008704](file:///C:\Users\terhentt\Documents\Tdocs\RAN2\RAN2_112-e\R2-2008704.zip) LS on Updates to TS 36.300 on terrestrial broadcast (R1-2007154; contact: Qualcomm) RAN1 LS in Rel-16 LTE\_terr\_bcast-Core To:RAN2

[R2-2009446](file:///C:\Users\terhentt\Documents\Tdocs\RAN2\RAN2_112-e\R2-2009446.zip) CP length and reference signal for MBSFN with sub-carrier spacing of 0.375 KkHz and 2.5 kKHz Qualcomm Inc CR Rel-16 36.300 16.3.0 1322 - F LTE\_terr\_bcast-Core

[R2-2009802](file:///C:\Users\terhentt\Documents\Tdocs\RAN2\RAN2_112-e\R2-2009802.zip) Miscellaneous Stage-2 corrections Nokia (rapporteur), NEC, Lenovo, Motorola Mobility, Intel Corporation, ZTE, Sanechips, Ericsson CR Rel-16 36.300 16.3.0 1324 - F NB\_IOTenh2-Core, LTE\_eMTC4-Core, NB\_IOTenh3-Core, LTE\_eMTC5-Core, LTE\_feMob-Core, TEI16

* Email 202

By Email [202] (2)

[R2-2008907](file:///C:\Users\terhentt\Documents\Tdocs\RAN2\RAN2_112-e\R2-2008907.zip) Corrections to UE capabilities Lenovo, Motorola Mobility (Rapporteur) CR Rel-16 36.306 16.2.0 1789 - F NR\_IIOT-Core, LTE\_DL\_MIMO\_EE-Core, LTE\_eMTC5-Core, TEI16

[R2-2009603](file:///C:\Users\terhentt\Documents\Tdocs\RAN2\RAN2_112-e\R2-2009603.zip) Minor changes collected by Rapporteur Samsung CR Rel-16 36.331 16.2.1 4472 - F LTE\_NR\_DC\_CA\_enh-Core

* Email 202

These contributions are grouped together as they are all minor corrections to various specifications wherein a rapporteur CR is also provided. Hence, this discussion should determine what to do for each CR and whether to merge them a single set of CRs per specification.

# 2 Discussion on the LTE legacy contributions

## 2.1 Stage-2 CRs

There are several Stage-2 - related CRs for TS36.300.

|  |  |
| --- | --- |
| **Tdoc(s), Title, Company** | **Proposal(s)** |
| 1) [R2-2009801](file:///C:\Users\terhentt\Documents\Tdocs\RAN2\RAN2_112-e\R2-2009801.zip): Miscellaneous Stage-2 corrections (Nokia (rapporteur), NEC) AND  [R2-2009802](file:///C:\Users\terhentt\Documents\Tdocs\RAN2\RAN2_112-e\R2-2009802.zip): Miscellaneous Stage-2 corrections (Nokia (rapporteur), NEC, Lenovo, Motorola Mobility, Intel Corporation, ZTE, Sanechips, Ericsson) | Miscellaneous editorial corrections to Rel-15/16 Stage-2 specifications by specification rapporteur (for multiple WIs, collected from multiple sources) |
| 2) [R2-2008904](file:///C:\Users\terhentt\Documents\Tdocs\RAN2\RAN2_112-e\R2-2008904.zip), [R2-2008905](file:///C:\Users\terhentt\Documents\Tdocs\RAN2\RAN2_112-e\R2-2008905.zip), [R2-2008906](file:///C:\Users\terhentt\Documents\Tdocs\RAN2\RAN2_112-e\R2-2008906.zip): Removal of DelayBudgetReport message in stage 2 (Lenovo, Motorola Mobility) | Corrects usage of message name that no longer exists in RRC (see also discussion [201]). |
| 3) [R2-2008704](file:///C:\Users\terhentt\Documents\Tdocs\RAN2\RAN2_112-e\R2-2008704.zip): LS on Updates to TS 36.300 on terrestrial broadcast (R1-2007154; contact: Qualcomm) (RAN1)  AND  [R2-2009446](file:///C:\Users\terhentt\Documents\Tdocs\RAN2\RAN2_112-e\R2-2009446.zip): CP length and reference signal for MBSFN with sub-carrier spacing of 0.375 KkHz and 2.5 kKHz (Qualcomm Inc) | RAN1 LS requesting some updates to the Stage-2 for MBMS + contribution proposing those. |

The documents in 1) are either rapporteur CRs on editorial/minor changes, so could be likely straightforward to agree. However, it would be still good to collect company comments on the particular changes and agree to the CR over email. Additional editorials can also be merged to the CRs if spotted.

The CRs under 2) are correcting a RRC message name and seem possible to agree directly, with the only question being on whether they should be merged to the rapporteur CRs.

Finally, the documents under 3) are RAN1 requesting further changes, so it would be good to discuss if these can also be merged to the rapporteur CR or whether the changes are done with a separate CR. Hence, the following proposals are made:

**Proposal S1\_1:** Agree to the intent of the CRs [R2-2008904](file:///C:\Users\terhentt\Documents\Tdocs\RAN2\RAN2_112-e\R2-2008904.zip), [R2-2008905](file:///C:\Users\terhentt\Documents\Tdocs\RAN2\RAN2_112-e\R2-2008905.zip), [R2-2008906](file:///C:\Users\terhentt\Documents\Tdocs\RAN2\RAN2_112-e\R2-2008906.zip).

**DISC S1\_1:** Discuss if the CRs [R2-2009801](file:///C:\Users\terhentt\Documents\Tdocs\RAN2\RAN2_112-e\R2-2009801.zip) and [R2-2009802](file:///C:\Users\terhentt\Documents\Tdocs\RAN2\RAN2_112-e\R2-2009802.zip) are agreeable.

**DISC S1\_2:** Discuss if the CRs [R2-2008904](file:///C:\Users\terhentt\Documents\Tdocs\RAN2\RAN2_112-e\R2-2008904.zip), [R2-2008905](file:///C:\Users\terhentt\Documents\Tdocs\RAN2\RAN2_112-e\R2-2008905.zip), [R2-2008906](file:///C:\Users\terhentt\Documents\Tdocs\RAN2\RAN2_112-e\R2-2008906.zip) should be merged to the Stage-2 rapporteur CRs.

**DISC S1\_3:** Discuss if the CR [R2-2009446](file:///C:\Users\terhentt\Documents\Tdocs\RAN2\RAN2_112-e\R2-2009446.zip), (based on RAN1 LS [R2-2008704](file:///C:\Users\terhentt\Documents\Tdocs\RAN2\RAN2_112-e\R2-2008704.zip)) is agreeable and whether it can be merged to the rapporteur CR.

## 2.2 RRC and UE capability CRs

There are also rapporteur CRs for LTE RRC and UE capability specifications and as shown below.

|  |  |
| --- | --- |
| **Tdoc(s), Title, Company** | **Proposal(s)** |
| 4) [R2-2009603](file:///C:\Users\terhentt\Documents\Tdocs\RAN2\RAN2_112-e\R2-2009603.zip): Minor changes collected by Rapporteur (Samsung) | Miscellaneous editorial corrections to RRC Rel-16 specifications by specification rapporteur |
| 5) [R2-2008907](file:///C:\Users\terhentt\Documents\Tdocs\RAN2\RAN2_112-e\R2-2008907.zip): Corrections to UE capabilities (Lenovo, Motorola Mobility (Rapporteur)) | Miscellaneous editorial corrections to UE capability specification for Rel-16 by specification rapporteur |

Same as for Stage-2 rapporteur CRs, it is proposed to allow companies to comment on the particular changes and attempt to agree to the CR over email. Additional editorials can also be merged to the CRs if spotted. Hence, the following proposals are made:

**DISC S2\_1:** Discuss if the CR [R2-2009603](file:///C:\Users\terhentt\Documents\Tdocs\RAN2\RAN2_112-e\R2-2009603.zip) is agreeable.

**DISC S2\_2:** Discuss if the CR [R2-2008907](file:///C:\Users\terhentt\Documents\Tdocs\RAN2\RAN2_112-e\R2-2008907.zip) is agreeable.

# 3 Company comments to the contributions

## 3.1 [R2-2009801](file:///C:\Users\terhentt\Documents\Tdocs\RAN2\RAN2_112-e\R2-2009801.zip): Miscellaneous Stage-2 corrections (Nokia (rapporteur), NEC) and [R2-2009802](file:///C:\Users\terhentt\Documents\Tdocs\RAN2\RAN2_112-e\R2-2009802.zip): Miscellaneous Stage-2 corrections (Nokia (rapporteur), NEC, Lenovo, Motorola Mobility, Intel Corporation, ZTE, Sanechips, Ericsson)

This section deals with DISC\_S1\_1:

***DISC S1\_1:*** *Discuss if the CRs* [*R2-2009801*](file:///C:\Users\terhentt\Documents\Tdocs\RAN2\RAN2_112-e\R2-2009801.zip) *and* [*R2-2009802*](file:///C:\Users\terhentt\Documents\Tdocs\RAN2\RAN2_112-e\R2-2009802.zip) *are agreeable.*

For each of the CRs, comments are requested along with whether the intent is agreeable.

|  |  |  |
| --- | --- | --- |
| **Company** | **Agree? (Yes/No)** | **Comments to the CR** |
| Lenovo | **Yes** |  |
| Qualcomm | **Yes** |  |
| OPPO | **Yes** |  |
| Samsung | **Yes** |  |
| Huawei, HiSilicon | **Yes** |  |

**Table 1. Comments to the Rel-15 CR** [**R2-2009801**](file:///C:\Users\terhentt\Documents\Tdocs\RAN2\RAN2_112-e\R2-2009801.zip)

|  |  |  |
| --- | --- | --- |
| **Company** | **Agree? (Yes/No)** | **Comments to the CR** |
| Lenovo | **Yes** | **Proponent** |
| Qualcomm | **Partially** | **Changes other than DAPS-related are ok. For the DAPS-related changes e.g. in 10.1.2.1, given there are several CRs submitted to the mobility WI as well, conflict should be avoided (i.e. these changes should be agreed only after mobility WI changes are finalized).** |
| OPPO | **Yes** |  |
| Samsung | **Yes** |  |
| Huawei, HiSilicon | **Yes** |  |

**Table 1. Comments to the Rel-16 CR** [**R2-2009802**](file:///C:\Users\terhentt\Documents\Tdocs\RAN2\RAN2_112-e\R2-2009802.zip)

**Conclusions (DISC\_S1\_1): TBA**

## 3.2 [R2-2008904](file:///C:\Users\terhentt\Documents\Tdocs\RAN2\RAN2_112-e\R2-2008904.zip), [R2-2008905](file:///C:\Users\terhentt\Documents\Tdocs\RAN2\RAN2_112-e\R2-2008905.zip), [R2-2008906](file:///C:\Users\terhentt\Documents\Tdocs\RAN2\RAN2_112-e\R2-2008906.zip): Removal of DelayBudgetReport message in stage 2 (Lenovo, Motorola Mobility)

This section deals with Proposal S1\_1 and DISC\_S1\_2:

***Proposal S1\_1:*** *Agree to the intent of the CRs* [*R2-2008904*](file:///C:\Users\terhentt\Documents\Tdocs\RAN2\RAN2_112-e\R2-2008904.zip)*,* [*R2-2008905*](file:///C:\Users\terhentt\Documents\Tdocs\RAN2\RAN2_112-e\R2-2008905.zip)*,* [*R2-2008906*](file:///C:\Users\terhentt\Documents\Tdocs\RAN2\RAN2_112-e\R2-2008906.zip)*.*

***DISC S1\_2:*** *Discuss if the CRs* [*R2-2008904*](file:///C:\Users\terhentt\Documents\Tdocs\RAN2\RAN2_112-e\R2-2008904.zip)*,* [*R2-2008905*](file:///C:\Users\terhentt\Documents\Tdocs\RAN2\RAN2_112-e\R2-2008905.zip)*,* [*R2-2008906*](file:///C:\Users\terhentt\Documents\Tdocs\RAN2\RAN2_112-e\R2-2008906.zip) *should be merged to the Stage-2 rapporteur CRs.*

As proposed in Proposal S1\_1, the intent of the CRs is likely agreeable so the only question is whether to merge them to the rapporteur CR.

|  |  |  |
| --- | --- | --- |
| **Company** | **Merge? (Yes/No)** | **Other comments to the CR** |
| Lenovo | **No** | Proponent. We prefer to fix this issue from Rel-14. |
| Qualcomm | **-** | **The changes are indeed editorial. Fine to merge with rapp CR or keep it standalone to allow from rel-14. No strong view.** |
| Samsung | **-** | **Same view with QC.** |
| Huawei, HiSilicon |  | In email#201, there are similar discussions on 8901/8902/8903 (for stage-3 corrections).  Agree with the intention. The CRs are more about editorial changes since there are no inter-operability issues and there are no impacts to the feature delay budget reporting.  So we suggest to only keep Rel-16 CR and merge it the rapporteur CR. |

**Table 1. Comments to the CRs** [**R2-2008904**](file:///C:\Users\terhentt\Documents\Tdocs\RAN2\RAN2_112-e\R2-2008904.zip)**,** [**R2-2008905**](file:///C:\Users\terhentt\Documents\Tdocs\RAN2\RAN2_112-e\R2-2008905.zip)**,** [**R2-2008906**](file:///C:\Users\terhentt\Documents\Tdocs\RAN2\RAN2_112-e\R2-2008906.zip)

**Conclusions (DISC\_S1\_2): TBA**

## 3.3 [R2-2009446](file:///C:\Users\terhentt\Documents\Tdocs\RAN2\RAN2_112-e\R2-2009446.zip): CP length and reference signal for MBSFN with sub-carrier spacing of 0.375 KkHz and 2.5 kKHz (Qualcomm Inc)

This section deals with DISC\_S1\_3:

***DISC S1\_3:*** *Discuss if the CR* [*R2-2009446*](file:///C:\Users\terhentt\Documents\Tdocs\RAN2\RAN2_112-e\R2-2009446.zip)*, (based on RAN1 LS* [*R2-2008704*](file:///C:\Users\terhentt\Documents\Tdocs\RAN2\RAN2_112-e\R2-2008704.zip)*) is agreeable and whether it can be merged to the rapporteur CR.*

The discussion here is on whether the proposed CR [R2-2009446](file:///C:\Users\terhentt\Documents\Tdocs\RAN2\RAN2_112-e\R2-2009446.zip) is sufficient to capture what the RAN1 LS [R2-2008704](file:///C:\Users\terhentt\Documents\Tdocs\RAN2\RAN2_112-e\R2-2008704.zip) requested, and whether the CR should be approved alone or merged to the Rel-16 Stage-2 rapporteur CR.

|  |  |  |  |
| --- | --- | --- | --- |
| **Company** | **Agree with intent?** | **Merge? (Yes/No)** | **Comments to the CR** |
| Lenovo | **Yes** | **No** | Minor issues:   * In 5.1.1, in the sentence below the “s” needs to be removed from the word “symbols”.   In case of 2.5 kHz sub-carrier spacing, there is only a single cyclic prefix length TCP-low1 = 3072Ts, corresponding to 1 OFDM symbols per slot.  • In 5.1.1 and 5.14, we wonder whether there is a need to add the spec references “as defined in TS 36.211 [4], clause 4.1” and “as defined in TS 36.211 [4], clauses 4.1 and 6.10.2.2.4”? At least, this was not mandated from the RAN1 LS R2-2008704. |
| Qualcomm | **Yes (proponent)** | **No** | **Agree with Lenovo’s editorial suggestion to remove “s”.**  **Regarding second comment, the reason to add the reference is because “3 ms slot” has not been used in RAN2 specs anywhere but defined in RAN1 specs. (We agree RAN1 TP from LS is the baseline but RAN2 specs should refer to where it is actually defined.)** |
| OPPO | **Yes** | **No** |  |
| Huawei, HiSilicon | **Yes** | **No** |  |

**Table 1. Comments to the CR** [**R2-2009446**](file:///C:\Users\terhentt\Documents\Tdocs\RAN2\RAN2_112-e\R2-2009446.zip)

**Conclusions (DISC S1\_3): TBA**

## 3.4 [R2-2009603](file:///C:\Users\terhentt\Documents\Tdocs\RAN2\RAN2_112-e\R2-2009603.zip): Minor changes collected by Rapporteur (Samsung)

This section deals with DISC\_S2\_1:

***DISC S2\_1:*** *Discuss if the CR* [*R2-2009603*](file:///C:\Users\terhentt\Documents\Tdocs\RAN2\RAN2_112-e\R2-2009603.zip) *is agreeable.*

Here the discussion should both consider if the CR intent is agreeable with or without additional changes.

|  |  |  |
| --- | --- | --- |
| **Company** | **Agree? (Yes/No)** | **Comments to the CR** |
| Lenovo | **No** | The CR should be discussed in the eDCCA session due to following reasons:   * In 5.3.10.7, procedure text when rlf-TimersAndConstantsMCG-Failure is received was added by CR4216r3 (R2- R2-2002391, RAN2#109-e, Feb/Mar2020) in V16.0.0 (2020-03). * However, in V16.1.1 (2020-07) it was intentionally removed by CR4260r2 (R2-2006349, June 2020).   So, it should be discussed in the eDCCA session whether the removal was a mistake or not. |
| Samsung | **Yes** | **The removed procedure text is a little different what this CR add.**   1. **CR4260r2: removed text**   1> if the received *rlf-TimersAndConstantsMCG-Failure* is set to release:  2> consider fast MCG link recovery is not available;  1> else*:*  2> consider fast MCG link recovery is available;   1. **Added text: this**   1> if the received *rlf-TimersAndConstantsMCG-Failure* is set to release:  2> stop timer T316, if running, and  2> release the value of timer *t316*;  1> else:  2> reconfigure the value of the timer in accordance with received *rlf-TimersAndConstantsMCG-Failure*;  **Because 5.3.10.0 describe the UE behavior when *rlf-TimersAndConstantsMCG-Failure* is included but there are no corresponding UE behaviour in the specification. To us it is quite clear change.**  1> if the received *radioResourceConfigDedicated* includes the *rlf-TimersAndConstants* or the *rlf-TimersAndConstantsMCG-Failure*:  2> reconfigure the values of timers and constants as specified in 5.3.10.7; |
| Huawei, HiSilicon | **No** | When t316 is running, it means that the reception of the next reconfiguration message will stop t316, so it can't be running when this subclause is executed. In general, actions such as "reconfigure a parameter according to the received value" is antway to be executed in absence of procedure text, so it seems better to remove the calling of this subclause for rlf-TimersAndConstantsMCG-Failure. |

**Table 1. Comments to the CR** [**R2-2009603**](file:///C:\Users\terhentt\Documents\Tdocs\RAN2\RAN2_112-e\R2-2009603.zip)

**Conclusions (DISC S2\_1): TBA**

## 3.5 [R2-2008907](file:///C:\Users\terhentt\Documents\Tdocs\RAN2\RAN2_112-e\R2-2008907.zip): Corrections to UE capabilities (Lenovo, Motorola Mobility (Rapporteur))

This section deals with DISC\_S2\_1:

***DISC S2\_2:*** *Discuss if the CR* [*R2-2008907*](file:///C:\Users\terhentt\Documents\Tdocs\RAN2\RAN2_112-e\R2-2008907.zip) *is agreeable.*

Here the discussion should both consider if the CR intent is agreeable with or without additional changes.

|  |  |  |
| --- | --- | --- |
| **Company** | **Agree? (Yes/No)** | **Comments to the CR** |
| Qualcomm | **Partially** | **Other changes are ok, but change #3 seems not essential and can be removed. (While it would be good to align when they are being defined for the first time, there is no need to void and move just to realign 331 and 306).**  **3. The capability altFreqPriority-r16 has been moved to “Measurement parameters”.** |
| OPPO |  | **Same view as Qualcomm** |
| S |  |  |
| Huawei, HiSilicon | **Yes but** | **We share the same view with Qualcomm on change #3 as this capability is the last capability** **for clause 4.3.8.** |

**Table 1. Comments to the CR** [**R2-2008907**](file:///C:\Users\terhentt\Documents\Tdocs\RAN2\RAN2_112-e\R2-2008907.zip)

**Conclusions (DISC S2\_2): TBA**

# 4 Conclusions

**Agreements proposed to be agreed in this meeting (from all sub-topics)**

**Proposal S1\_1:** Agree to the intent of the CRs [R2-2008904](file:///C:\Users\terhentt\Documents\Tdocs\RAN2\RAN2_112-e\R2-2008904.zip), [R2-2008905](file:///C:\Users\terhentt\Documents\Tdocs\RAN2\RAN2_112-e\R2-2008905.zip), [R2-2008906](file:///C:\Users\terhentt\Documents\Tdocs\RAN2\RAN2_112-e\R2-2008906.zip).

**Open items proposed to be further discussed in this meeting (from all sub-topics)**

**DISC S1\_1:** Discuss if the CRs [R2-2009801](file:///C:\Users\terhentt\Documents\Tdocs\RAN2\RAN2_112-e\R2-2009801.zip) and [R2-2009802](file:///C:\Users\terhentt\Documents\Tdocs\RAN2\RAN2_112-e\R2-2009802.zip) are agreeable.

**DISC S1\_2:** Discuss if the CRs [R2-2008904](file:///C:\Users\terhentt\Documents\Tdocs\RAN2\RAN2_112-e\R2-2008904.zip), [R2-2008905](file:///C:\Users\terhentt\Documents\Tdocs\RAN2\RAN2_112-e\R2-2008905.zip), [R2-2008906](file:///C:\Users\terhentt\Documents\Tdocs\RAN2\RAN2_112-e\R2-2008906.zip) should be merged to the Stage-2 rapporteur CRs.

**DISC S1\_3:** Discuss if the CR [R2-2009446](file:///C:\Users\terhentt\Documents\Tdocs\RAN2\RAN2_112-e\R2-2009446.zip), (based on RAN1 LS [R2-2008704](file:///C:\Users\terhentt\Documents\Tdocs\RAN2\RAN2_112-e\R2-2008704.zip)) is agreeable and whether it can be merged to the rapporteur CR.

**DISC S2\_1:** Discuss if the CR [R2-2009603](file:///C:\Users\terhentt\Documents\Tdocs\RAN2\RAN2_112-e\R2-2009603.zip) is agreeable.

**DISC S2\_2:** Discuss if the CR [R2-2008907](file:///C:\Users\terhentt\Documents\Tdocs\RAN2\RAN2_112-e\R2-2008907.zip) is agreeable.

# 5 List of referenced documents

[1] [R2-2009763](https://www.3gpp.org/ftp/TSG_RAN/WG2_RL2/TSGR2_112-e/Docs/R2-2009763.zip) Correction to RRC resume for CIoT Google Inc. CR Rel-13 36.331 13.16.0 4484 - F TEI13

[2] [R2-2009764](https://www.3gpp.org/ftp/TSG_RAN/WG2_RL2/TSGR2_112-e/Docs/R2-2009764.zip) Correction to RRC resume for CIoT Google Inc. CR Rel-14 36.331 14.15.0 4485 - A TEI13

[3] [R2-2008901](https://www.3gpp.org/ftp/TSG_RAN/WG2_RL2/TSGR2_112-e/Docs/R2-2008901.zip) Removal of DelayBudgetReport message in stage 3 Lenovo, Motorola Mobility CR Rel-14 36.331 14.15.0 4450 - F LTE\_VoLTE\_ViLTE\_enh-Core

[4] [R2-2008902](https://www.3gpp.org/ftp/TSG_RAN/WG2_RL2/TSGR2_112-e/Docs/R2-2008902.zip) Removal of DelayBudgetReport message in stage 3 Lenovo, Motorola Mobility CR Rel-15 36.331 15.11.0 4451 - A LTE\_VoLTE\_ViLTE\_enh-Core

[5] [R2-2008903](https://www.3gpp.org/ftp/TSG_RAN/WG2_RL2/TSGR2_112-e/Docs/R2-2008903.zip) Removal of DelayBudgetReport message in stage 3 Lenovo, Motorola Mobility CR Rel-16 36.331 16.2.1 4452 - A LTE\_VoLTE\_ViLTE\_enh-Core

[6] [R2-2010153](https://www.3gpp.org/ftp/TSG_RAN/WG2_RL2/TSGR2_112-e/Docs/R2-2010153.zip) Recommended bit rate query handling at MAC Reset Ericsson CR Rel-14 36.321 14.13.0 1513 - F LTE\_VoLTE\_ViLTE\_enh

[7] [R2-2010154](https://www.3gpp.org/ftp/TSG_RAN/WG2_RL2/TSGR2_112-e/Docs/R2-2010154.zip) Recommended bit rate query handling at MAC Reset Ericsson CR Rel-15 36.321 15.10.0 1514 - F LTE\_VoLTE\_ViLTE\_enh

[8] [R2-2010155](https://www.3gpp.org/ftp/TSG_RAN/WG2_RL2/TSGR2_112-e/Docs/R2-2010155.zip) Recommended bit rate query handling at MAC Reset Ericsson CR Rel-16 36.321 16.2.0 1515 - F LTE\_VoLTE\_ViLTE\_enh

[9] [R2-2009433](https://www.3gpp.org/ftp/TSG_RAN/WG2_RL2/TSGR2_112-e/Docs/R2-2009433.zip) Clarification to Fallback band combination definition Nokia, Nokia Shanghai Bell CR Rel-16 36.306 16.2.0 1782 1 F TEI16 [R2-2007518](https://www.3gpp.org/ftp/TSG_RAN/WG2_RL2/TSGR2_112-e/Docs/R2-2007518.zip)

[10] [R2-2008908](https://www.3gpp.org/ftp/TSG_RAN/WG2_RL2/TSGR2_112-e/Docs/R2-2008908.zip) Corrections to UE capabilities and SIB25 Lenovo, Motorola Mobility, Ericsson CR Rel-16 36.331 16.2.1 4453 - F LTE\_DL\_MIMO\_EE-Core, LTE\_eMTC5-Core, TEI16

[11] [R2-2009385](https://www.3gpp.org/ftp/TSG_RAN/WG2_RL2/TSGR2_112-e/Docs/R2-2009385.zip) Correction on T312 timer information ZTE Corporation, Sanechips CR Rel-16 36.331 16.2.0 4461 - F LTE\_feMob-Core