3GPP TSG-RAN WG2 Meeting #111-e R2-200xxxx

Online, 14th - 28th August 2020

**Agenda item: 7.3.1**

**Source: Huawei**

**Title: Summary of [AT111-e][304][NBIOT/eMTC R16] 36.300 miscellaneous corrections (Huawei)**

**Document for: Report**

# 1 Scope of the offline discussion

This is the summary of offline email discussion “[AT111-e][304][NBIOT/eMTC R16] 36.300 miscellaneous corrections (Huawei)”, as indicated below:

[R2-2007338](https://www.3gpp.org/ftp/tsg_ran/WG2_RL2/TSGR2_111-e/Docs/R2-2007338.zip) Miscellaneous corrections to NB-IoT and eMTC Rel-16 enhancements Huawei, HiSilicon CR Rel-16 36.300 16.2.0 1300 - F NB\_IOTenh3-Core, LTE\_eMTC5-Core

* [AT111-e][304][NBIOT/eMTC R16] 36.300 miscellaneous corrections (Huawei)

Status:

Scope: Polish the CR.

Intended outcome: Agreeable CR in R2-2008304

Deadline: Tuesday 25 1100 UTC.

[R2-2007568](https://www.3gpp.org/ftp/tsg_ran/WG2_RL2/TSGR2_111-e/Docs/R2-2007568.zip) WUS corrections Qualcomm Incorporated CR Rel-16 36.300 16.2.0 1304 - F

LTE\_eMTC5-Core

* Merge with CR in #304

It is proposed to proceed in two phases:

* Friday 21 1100 UTC : agree on the changes
* Tuesday 25 1100 UTC: agree on the wording of the CR

A draft CR merging the relevant contents of the two above documents has been uploaded to the draft folder for reference.

# 2 Offline discussion

## 2.1 1st change: section 7.3b.3 – Correction to Figure 7.3b-2a

Companies are requested to provide comments in the table below (one row for each new comment to better keep track of the discussion – please don’t edit the previous comments).

|  |  |  |
| --- | --- | --- |
| **Company** | **Do you agree with the intent of the change?** | **Detailed comments** |
| Qualcomm | Yes |  |
| Huawei, HiSilicon | Yes |  |

Conclusion:

## 2.2 2nd change: section 10.1.4 – correction to Figure 10.1.4-3

Companies are requested to provide comments in the table below (one row for each new comment to better keep track of the discussion – please don’t edit the previous comments).

|  |  |  |
| --- | --- | --- |
| **Company** | **Do you agree with the intent of the change?** | **Detailed comments** |
| Qualcomm | Yes | This is in fact a 3rd change in the CR ! |
| Huawei, HiSilicon | Yes | This is the 2nd change on the coversheet ☺ |

Conclusion:

## 2.3 3rd change: section 10.1.4 – Clarification for RRC\_INACTIVE

Companies are requested to provide comments in the table below (one row for each new comment to better keep track of the discussion – please don’t edit the previous comments).

|  |  |  |
| --- | --- | --- |
| **Company** | **Do you agree with the intent of the change?** | **Detailed comments** |
| Qualcomm | Yes | This is in fact a 2nd change in the CR ! |
| Huawei, HiSilicon | maybe | This is the 2nd change on the coversheet ☺.  The description for (G)WUS in this section explicitly states RRC\_IDLE so we do not think there is any misunderstanding. We would be fine with the addition as a clarification but we do not agree there is any inter-operability issue as we do not see how the UE could use (G)WUS in RRC\_INACTIVE based on the description.  In contrast, we think we should make a similar change in TS 36.304 as there is no mention of the UE state in 7.4 and 7.5 and the implementation is normally based on stage 3 not stage 2. |
| Qualcomm | Yes | In section 10.1.4 it says ‘*When (G)WUS is used in RRC\_IDLE, the following are applicable:*’ This does not mean (G)WUS is only used in RRC\_IDLE. For clarity we think the proposed clarification is necessary. |

Conclusion:

## 2.4 Additional changes

Companies are requested to propose any additional changes one section for each proposed change.

### 2.4.1 Section 10.1.4

As (G)WUS applies to both EPC and 5GC in Release 16 it is proposed to add (ng-) in front of eNB in following bullets in section 10.1.4 as well as add AMF, NG-AP and reference to 5G SA2 specifications:

- The paging operation in the MME/AMF is not aware of the use of the WUS in the (ng-)eNB;

- To reduce WUS use in cells not monitored by the UE, WUS-capable (ng-)eNBs provide UE's last cell information to MME/AMF in the S1/NG-AP UE Context Release Complete or UE Context Suspend Request messages for all UEs, as described in TS 23.401 [17] and TS 23.501 [82].

Companies are requested to provide comments in the table below (one row for each new comment to better keep track of the discussion – please don’t edit the previous comments).

|  |  |  |
| --- | --- | --- |
| **Company** | **Do you agree with the intent of the change?** | **Detailed comments** |
| Qualcomm | Yes |  |
| Huawei, HiSilicon | yes |  |

Conclusion:

### 2.4.2 Section 10.1.4 & 10.1.5.0 - Editorial

Replace ‘non anchor’ with ‘non-anchor’ in last line in section10.1.4 and section 10.1.5.0.

Companies are requested to provide comments in the table below (one row for each new comment to better keep track of the discussion – please don’t edit the previous comments).

|  |  |  |
| --- | --- | --- |
| **Company** | **Do you agree with the intent of the change?** | **Detailed comments** |
| Qualcomm | Yes |  |
| Huawei, HiSilicon | yes |  |

Conclusion:

# 3 Conclusion

# 4 Participants

|  |  |  |
| --- | --- | --- |
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