3GPP TSG-RAN WG2 #117-e Tdoc R2-21xxxxx

Electronic meeting, 2022-02-21 - 2022-03-03

Agenda Item: 8.11.1

Source: Ericsson

Title: [Pre117-e][613][POS] RAN1 parameter list impact to RRC

Document for: Discussion, Decision

# 1 Introduction

# 1 Introduction

This document is to collect comments for the CR:

* [Pre117-e][613][POS] RAN1 parameter list impact to RRC running CR (Ericsson)

Please provide your comments related to the CR

# 2 Contact Information

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# 3 Comments

**Please provide the comments on the CR here:**

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| Company | Comments |
| Intel | 1 Following RAN1 parameter is missing, should be added in reconfiguration message?UETxTEG\_Request\_UL-TDOA, The parameter is used for the serving gNB to request a UE to provide UE Tx TEG association for UL-TDOA .2 comma is missing for uePositioningAssistanceInfo-r17 UEPositioningAssistanceInfo-IES-r173 For new message, why SRB3 is needed? We should not consider SCG case; |
| Huawei, HiSilicon | 1/ On the field description for resourceType, we think it can be captured as “when SRS config is included in RRCRelease with suspendConfig, the resourceType should not be set as “aperiodic””2/ We think it is better not to use the IE BWP to configure offsetToPointA, SCS and CP type. In the IE BWP, there is locationAndBandwidth, but the Bandwidth here is not needed. Bandwidht is configured under the SRS configuration. We prefer to configure offsetToPointA, SCS and CP type in separate fields. 3/ TA validation is captured in the MAC spec for SDT. We think this should be the same for INACTIVE SRS, same view as Intel above. 4/ Same view as Intel on msg3. It should also be noted that discussion is still ongoing in another email |
| vivo | 1. In the cover sheet, the following editorial change:

High accuracy and low latency features may not be supported1. In section 5.7.XX.1, the RRCReconfiguration procedure can be added in Figure 5.7.XX.1-1 to illustrate when will the UE send the UE Positioning Assistance Information.
2. In section 5.7.XX.2, the following editorial change:

A UE capable of providing the association between UL SRS Resource for positioning and UE Tx TEG ID in RRC\_CONNECTED may initiate the procedure upon being configured to provide this ~~indication~~ association.if *txTEG-PeriodicalReporting* in *SRS-Config IE* is configured to provide the association between UL SRS Resource for positioning ~~with~~ and Tx TEG:1. In section 5.7.XX.3, the following editorial change:

The UE shall set the contents of the *~~UEAssistanceInformation~~* *UEPositioningAssistanceInfo* message as follows:1> if transmission of the *UEPositioningAssistanceInfo* message is initiated to provide the association between UL SRS Resource for positioning ~~with~~ and Tx TEG according to 5.7.XX.2 ;2> include *ue-TxTEG-AssociationList* in the *UEPositioningAssistanceInfo* message;1. The “DL-PRS-PROCESSINGWINDOW” should be “DL-PRS-ProcessingWIndow”. (Note the case of letters).
2. Agree with Intel and Huawei, the “SRB3” should be removed.
3. The format of SRS in UEPositioningAssistanceInfo shall align with the conclusion in [611], which could be a bitmap.
4. “gapConfigList-r17” and “DL-PRS-ProcessingWindowConfig” should be explicitly reflected as pre-configured. So we suggest changing to “preGapConfigList-R17” and “DL- PRS-ProcessingWindowPreConfig”.
5. We wonder whether the pre-configured gap should support per-UE/per-FR1/per-FR2 similar to the legacy gap.
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# Conclusion

In the previous sections we made the following observations: