3GPP TSG-RAN WG2 #117-e R2-22xxxxx

Online Meeting, Feb 21st – March 3rd, 2022

Agenda Item: 6.3.2

Source: CATT

Title: Report of [AT117-e][625][POS] Agenda item 6.3.2 (CATT)

Document for: Discussion, Decision

# Introduction

The below papers have been submitted in the LPP AI 6.3.2 which requires input from companies to identify the support for the corrections.

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| --- | --- | --- |
| **R2-2202407** | Corrections on the description of maxNrofSRS-PosResources-1-r16 | CATT |
| **R2-2202596** | Correction on srs-PosResourceIdList in RRC | Huawei, HiSilicon |

 **[AT117-e][625][POS] Agenda item 6.3.2 (CATT)**

      Scope: Treat documents R2-2202407 and R2-2202596 and conclude on the CRs.

      Intended outcome: Agreed CRs (without CB)

      Deadline:  Wednesday 2022-03-02 1000 UTC

# Contact Information

|  |  |
| --- | --- |
| Company | Contact: Name (E-mail) |
| Qualcomm | sfischer@qti.qualcomm.com |
| CATT | lijianxiang@catt.cn |
| Huawei, HiSilicon | yinghaoguo@huawei.com |
| ZTE | pan.yu24@zte.com.cn |
| Xiaomi | lixiaolong1@xiaomi.com |
| vivo | panxiang@vivo.com |
| Apple | ssirotkin@apple.com |
| Intel | Yi.guo@intel.com |
| Nokia | mani.thyagarajan@nokia.com |
| Samsung | taeseop.lee@samsung.com |
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# Discussion

## R2-2202407 Corrections on the description of maxNrofSRS-PosResources-1-r16

Reason for change: The description of maxNrofSRS-Resources-1 has already been fixed as “-- Maximum number of SRS resources minus 1.” by deleting “in an SRS resource set”. The maxNrofSRS-PosResources-1-r16 still keeps “in an SRS Positioning resource set.” However the Maximum number of (SRS Positioning) resources is not in a resource set.

So the CR modifies the description of maxNrofSRS-PosResources-1-r16 as below:

|  |
| --- |
| maxNrofSRS-PosResources-1-r16 INTEGER ::= 63 -- Maximum number of SRS Positioning resources minus 1. |

Question 1: Do Companies Agree with the CR?

|  |  |  |
| --- | --- | --- |
| Company | Yes/No | Comments |
| Qualcomm | Yes |  |
| CATT | Yes |  |
| Huawei, HiSIlicon | Yes |  |
| Lenovo | Yes but | It is a minor issue so it can be merged with the CR R2-2202596. |
| ZTE | Yes |  |
| Xiaomi | Yes |  |
| vivo | Yes |  |
| Apple | yes |  |
| Intel | Yes |  |
| Nokia | Yes |  |
| Samsung | Yes |  |
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**Summary：**

According to the inputs, all companies agree that the proposed corrections of the CR can be agreed, but one company pointed out that the correction is a minor issue and can be merged with the CR R2-2202596.

**Proposal 1: The correction of the CR R2-2202407 is agreed and merged with the CR R2-2202596.**

## R2-2202596 Correction on srs-PosResourceIdList in RRC

The CR changes the field description of srs-ResourceIdList and srs-PosResourceIdList, i.e., to remove the restriction for positioning SRS resource set on the number of entries depending on the usage, since there is no such field as usage for positioning SRS resource set.

A part of CR is shown below.

|  |
| --- |
| ***srs-ResourceIdList, srs-PosResourceIdList***  The IDs of the SRS-Resources/SRS-PosResource used in this *SRS-ResourceSet/SRS-PosResourceSet*. If this *SRS-ResourceSet* is configured with usage set to codebook, the *srs-ResourceIdList* contains at most 2 entries. If this *SRS-ResourceSet* is configured with *usage* set to *nonCodebook*, the *srs-ResourceIdList* contains at most 4 entries. |

Question 2: Do Companies Agree with the CR?

|  |  |  |
| --- | --- | --- |
| Company | Change is fine Yes/No | Comments |
| Qualcomm | Yes |  |
| CATT | Yes |  |
| Huawei, HiSilicon | Yes |  |
| ZTE | Yes |  |
| Xiaomi | Yes |  |
| vivo | Yes |  |
| Apple | yes |  |
| Intel | Yes |  |
| Nokia | Yes |  |
| Samsung | Yes |  |
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**Summary：**

According to the inputs, all companies agree that the proposed corrections of the CR can be agreed.

**Proposal 2: The CR R2-2202596 is agreed and revised to include the corrections of the CR R2-2202407.**

# Conclusion

Based on the discussion in section 2 we propose the following:

**Proposal 1: The correction of the CR R2-2202407 is agreed and merged with the CR R2-2202596.**

**Proposal 2: The CR R2-2202596 is agreed and revised to include the corrections of the CR R2-2202407.**

# References

[1] R2-2202407 Corrections on the description of maxNrofSRS-PosResources-1-r16 CATT

[2] R2-2202596 Correction on srs-PosResourceIdList in RRC Huawei, HiSilicon