**3GPP TSG RAN WG2 Meeting #131bis R2-250xxxx  
Prague, Czech Republic, October 13th – 17th, 2025**

**Agenda item: 8.8.1**

**Source: ZTE Corporation**

**Title: Open issues on Rel-19 NR NTN 38.304 CR**

**Document for: Discussion and Decision**

# 1 Introduction

This is to kick off below email discussion:

* [Post131][303][R19 NR NTN] 38.304 CR (ZTE)

Scope: finalize the running 38.304 CR

Intended outcome: Agreed CR

Deadline:

1. Initial list of open issues by rapporteur, proposed resolutions for easy open issues or resolution options for other issues: sept. 19th
2. Input from other companies and final set of proposals and resolutions for identified issues that don’t require contribution input: Oct. 1st

NOTE: no contributions from other companies expected

Companies are invited to provide input on open issues and potential resolutions no later than **Monday September 22 10:00 UTC**.

Based on the input from companies in first round, Rapporteur will further collect companies’ comments for the proposed resolutions for identified open issues. The deadline for companies’ comments in second round will be on **Monday September 29 10:00 UTC** which gives some time for Rapporteur to prepare the summary.

Contact information:

|  |  |  |
| --- | --- | --- |
| Company | Delegate Name | Email |
| vivo | Yitao Mo (Stephen) | yitao.mo@vivo.com |
|  |  |  |
|  |  |  |
|  |  |  |

# Discussion

## 2.1 First round-open issue collection

So far there is one open issue included in the table, which was raised by Ericsson during post email discussion. Companies are invited to include any identified open issues and potential resolution in the table below. To ease the discussion in second round, please follow the template given in the table (e.g., open issue x, resolution:...), thanks!

|  |  |  |
| --- | --- | --- |
| **Company** | **Description of open issues and potential resolution** | **Rapporteur comment** |
| Ericsson | **Open issue 1:** The TAI/Cell list received in target service area in USD could be used by UE for service continuity purpose.  **Resolution:** Remove the ‘(i.e., an area specified as a list of polygon or circle shapes)’ in below note.  NOTE 0j: The ISA(s) can be ISA(s) provided in *SIBxx* and/or target service area (i.e., an area specified as a list of polygon or circle shapes) in USD. It is up to UE’s implementation to decide whether it is inside ISA(s) or not. | Seems to be a easy fix, companies are invited to provide comments in section 2.2 for this open issue  vivo: We agree with Ericsson’s view. The content in USD is difined in 26.517, which falls outside of RAN2 scope. The current spec has already included the reference to that spec, so there is no need to add the explanatory description. |
| vivo | **Open issue 2:** With the support of common PDCCH repetition, the UE, the UE will nonitor the *pagingSearchSpace* and its linked CSS for paging reception. In the TS 38.304 spec, the PO concept should be applied to *SearchSpace* linked with *pagingSearchSpace*.  **Solution:**  **TS 38.304 sub-clause 7.1**  **…. <the related part is omitted>….**  When *SearchSpaceId* other than 0 is configured for *pagingSearchSpace* or when *SearchSpaceId* other than 0 is configured for the *SearchSpace* linked with *pagingSearchSpace,* the UE monitors the (i\_s + 1)th PO. A PO is a set of 'S\*X ' consecutive PDCCH monitoring occasions where 'S' is the number of actual transmitted SSBs determined according to *ssb-PositionsInBurst* in *SIB1* and X is the *nrofPDCCH-MonitoringOccasionPerSSB-InPO* if configured or is equal to 1 otherwise. The [x\*S+K]th PDCCH monitoring occasion for paging in the PO corresponds to the Kth transmitted SSB, where x=0,1,…,X-1, K=1,2,…,S. The PDCCH monitoring occasions for paging which do not overlap with UL symbols (determined according to *tdd-UL-DL-ConfigurationCommon*) are sequentially numbered from zero starting from the first PDCCH monitoring occasion for paging in the PF. When *firstPDCCH-MonitoringOccasionOfPO* is present, the starting PDCCH monitoring occasion number of (i\_s + 1)th PO is the (i\_s + 1)th value of the *firstPDCCH-MonitoringOccasionOfPO* parameter; otherwise, it is equal to i\_s \* S\*X. If X > 1, when the UE detects a PDCCH transmission addressed to P-RNTI within its PO, the UE is not required to monitor the subsequent PDCCH monitoring occasions for this PO.  **…. <the related part is omitted>….** |  |
|  |  |  |
|  |  |  |
|  |  |  |

## 2.2 Second round-resolution

This section will be used to collection companies’ views on the resolutions proposed for open issues identified.

For now, only open issue 1 was included, further updates maybe needed after first round discussion.

**Open issue 1**

**Q: Do you agree on observation on issue 1 and the proposed resolution?**

|  |  |
| --- | --- |
| **Company** | **Comments** |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |

# 3 Conclusion

To be updated: