**3GPP TSG-RAN WG2 Meeting #126R2-240xxxx**

**Fukuoka, Japan, 20th - 24th May, 2024**

**Agenda item:** 7.2.1

**Source:** CATT

**Title:** [Post126][406][POS] Rel-18 positioning LPP CR (CATT)

**Document for:** Discussion and Agreement

# 1 Introduction

This is to kick off the email discussion.

* [Post126][406][POS] Rel-18 positioning LPP CR (CATT)

 Scope: Update the CR in R2-2404434 in line with decisions of this meeting. Late-arriving parameter updates from RAN1 can be taken into account if possible.

 Intended outcome: Agreed CR in R2-2405883

 Deadline: Short (for RP)

# 2 Discussion

The CR is based on the AIP CR in R2-2404434. The updates are corrected within the name ‘RAN2#126’ in line with decisions of this meeting.

Please provide your comments on the updates named as ‘RAN2#126’ in the following table.

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| --- | --- | --- |
| **Company** | **Clause No.** | **Comments** |
| Intel | 6.4.3 |  nr-DL-PRS-JointMeasurementRequest-r18 SEQUENCE { nr-DL-PRS-JointMeasurementRequestedPFL-List-r18 SEQUENCE (SIZE (2..3)) OF INTEGER (0..nrMaxFreqLayers-1-r16) OPTIONAL -- Need ON } OPTIONAL, -- Need ONI must miss something. There is only one field contained in nr-DL-PRS-JointMeasurementRequest, why should the high level field “nr-DL-PRS-JointMeasurementRequest” be added? Does that mean, the UE can be requested to perform joint measurement within the same PFL?[Rapp]: Thanks for the comments. According to the RRC parameter list, nr-DL-PRS-JointMeasurementRequest-r18 works for

|  |  |  |
| --- | --- | --- |
| nr-aggregate-DL-FreqLayers | New | This field indicates whether to perform joint measurement across aggregated PFLs for Multi-RTT. |

And nr-DL-PRS-JointMeasurementRequestedPFL-List-r18 works for

|  |  |  |  |
| --- | --- | --- | --- |
| nr-linked-DL-FreqLayerIndexList-PrsAggregation | New | Request from the LMF to the UE indicating which two or three PFLs to be used for performing joint measurement  | Up to three [DL-PRS-FreqLayerIndex] (potential new parameter, up to RAN2) values, each from INTEGER (0..nrMaxFreqLayers-1-r16)] |

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# 3 Conclusion

Based on company feedback, the following is proposed:

# 4 References