3GPP TSG-RAN WG2 #131 R2-250XXXX

Bengalore, India, August 25 – 29, 2025

Agenda: x.x.x

Source: Ericsson

Title: Comments on MIMO Running CR for TS 38.331

Document for: Discussion, Decision

# 1 Introduction

This document collects comments for the following e-mail discussion:

* [Post131][218][MIMO\_Ph5] CR for TS 38.331 (Ericsson)

Intended outcome: Agree the CR for TS 38.331

Deadline: Short

Companies are invited to provide contact details on the table below.

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| Company | Name | E-mail |
| Samsung | Shiyang Leng | shiyang.leng@samsung.com |
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# Discussion

The running CR implements the latest agreements from RAN2#131, L1 parameters and editorial updates. The additions compared to the previous version are with user “RAN2#131\_v2”.

Please do not make changes/comments directly on the running CR – companies are invited to provide suggested changes/comments on the table below. To make it easier to track and reply to the comments, please label each comment i.e. [Issue 1], [Issue 2], and so on.

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| Company | Comments | Rapporteur response |
| Samsung Issue-1 | The *CSI-ReportUE-IBR* can be configured on cell#1 while the indicated *pucch-Resource* can be configured on cell#2 indicated by *pucch-Cell*. Based on this meeting’s agreement, UE releases pucch according to cell#2, where the resource is actually configured. But it is not clear in the current change.  5.3.12  Upon receiving a PUCCH release request from lower layers, for all bandwidth parts of an indicated serving cell the UE shall:  …  2> release *pucch-Resource* configured in *CSI-ReportUE-IBR*;  Can be changed to below or any other better way.  …  1> if the indicated serving cell is referred to by *pucch-Cell* included in *CSI-ReportUE-IBR* of an associated *CSI-ReportConfig*;  2> release *pucch-Resource* indicated in the associated *CSI-ReportUE-IBR*; |  |
| Samsung Issue-2 | ***singleDCI-MultiTRP-2TA***  Enables two TA for single DCI multi-TRP for both inter-cell and intra-cell (including asymmetric TRP and symmetric TRP).  sDCI mTRP is only used for intra-cell operation, not for inter-cell operation. Inter-cell operation can either be mDCI mTRP or ICBM. So the parameter name should be updated to avoid misleading and the FD should be updated to be precise and also align with the wording in RAN1 UE feature list:  twoTA-Without-MultiDCI-MultiTRP  Enables two TA for intra-cell without multi-DCI multi-TRP operation or inter-cell without multi-DCI multi-TRP operation. |  |
| Samsung Issue-3 | ***prachAssociationDCI-1-0***  Enables the presence of 1-bit DCI field "PRACH association indicator" in DCI format 1\_0 (see TS 38.212 [17], clause 7.3.1). This field can only be configured if *singleDCI-MultiTRP-2TA* is configured.  *singleDCI-MultiTRP-2TA* should be updated to the new name. |  |
| Samsung Issue-4 | mr-SelectedResources-r19 SEQUENCE {  firstSelectedResource-r19 INTEGER (1..8),  secondSelectedResource-r19 INTEGER (1..8) OPTIONAL -- Need R  }  According to RAN1 list, the configuration restriction should be capture in FD or by presence condition: mr-SelectedResources-r19 is configured only for codebookType set to typeI-SinglePanel-r19 or etypeII-r19. secondSelectedResource-r19 can be present only for codebookType set to typeI-SinglePanel-r19. |  |
| Samsung Issue-5 | – *CSI-ReportConfig* The IE *CSI-ReportConfig* is used to configure a periodic or semi-persistent report sent on PUCCH on the cell in which the *CSI-ReportConfig* is included, or to configure a semi-persistent or aperiodic report sent on PUSCH triggered by DCI received on the cell in which the *CSI-ReportConfig* is included (in this case, the cell on which the report is sent is determined by the received DCI). The IE *CSI-ReportConfig* is also used to configure UE initiated beam reporting. See TS 38.214 [19], clause 5.2.1.  The term used in RAN1 is UE-initiated CSI reporting, should be aligned at least in the normal text. |  |
| Samsung Issue-6 | eventTypeUE-IBR-r19 can be merged to csi-ReportUE-IBR-r19.  And the presence condition for csi-ReportUE-IBR-r19 can be removed, it can be simply optional with need R.  The FDs can be updated.  ***csi-ReportUE-IBR***  Configures parameters used for the UE initiated ~~beam~~ CSI reporting. When this field is configured, the UE ignores *reportConfigType*.  ***eventTypeUE-IBR***  Indicates the event type for UE initiated beam reporting and associated fields as specified in clause 5.2.1.5.4 of TS 38.214 [19]. ~~When this field is configured, the UE ignores~~ *~~reportConfigType~~*~~.~~ When this field is set to *event1*, *eventThreshold* can only be configured with values from 14 to 113. The event type associated parameters are specified in clause 5.2.1.5.4.1c of TS 38.214 [19]. |  |
| Samsung Issue-7 | ***minimumPucch-PuschOffset***  Indicates the time offset in number of symbols for determining available transmission occasion of ~~second~~ PUSCH in Mode-B from the ~~first~~ PUCCH. Value *symb0* corresponds to 0, value *symb1* corresponds to 1 and so on.  “Second” and “first” should be removed to avoid misleading. |  |
| Samsung Issue-8 | ***tci-ServCellIndex***  Indicates the serving cell on which the indicated TCI state ~~is~~ used to determine the current beam RS is applied (see TS 38.214 [19], clause 5.2.1.5.4).  “is” should be removed. |  |
| Samsung Issue-9 | ***tag2***  This field is used to indicate the second TAG information for the serving cell, it is optionally configured in a serving cell if *coresetPoolIndex* for a BWP is configured with more than one valueor if *singleDCI-MultiTRP-2TA* is configured for a BWP.  *singleDCI-MultiTRP-2TA* should be updated to the new name. |  |
| Samsung Issue-10 | startingBitOfFormat2-3-v19xy INTEGER (31..45)  should start from 32? |  |