**3GPP TSG-RAN4 Meeting # 116bis *R4-2514828***

**Prague, Czech Republic, Oct 13th – 17th, 2025**

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| *CR-Form-v12.3* | | | | | | | | |
| **CHANGE REQUEST** | | | | | | | | |
|  | | | | | | | | |
|  | **38.133** | **CR** | **draftCR** | **rev** | **1** | **Current version:** | **19.2.0** |  |
|  | | | | | | | | |
| *For* ***[HE](http://www.3gpp.org/3G_Specs/CRs.htm" \l "_blank)******[LP](http://www.3gpp.org/3G_Specs/CRs.htm" \l "_blank)*** *on using this form: comprehensive instructions can be found at  <http://www.3gpp.org/Change-Requests>.* | | | | | | | | |
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| ***Proposed change affects:*** | UICC apps |  | ME | **x** | Radio Access Network |  | Core Network |  |

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| ***Title:*** | Draft CR on R19 ATG | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Source to WG:*** | ZTE Corporation, Sanechips | | | | | | | | | |
| ***Source to TSG:*** | R4 | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Work item code:*** | NR\_ATG\_enh-Core | | | | |  | ***Date:*** | | | 2025-10-01 |
|  |  | | | |  | |  | | |  |
| ***Category:*** | F |  | | | | | ***Release:*** | | | Rel-19 |
|  | *Use one of the following categories:* ***F*** *(correction)* ***A*** *(mirror corresponding to a change in an earlier release)* ***B*** *(addition of feature),* ***C*** *(functional modification of feature)* ***D*** *(editorial modification)*  Detailed explanations of the above categories can be found in 3GPP [TR 21.900](http://www.3gpp.org/ftp/Specs/html-info/21900.htm). | | | | | | | | *Use one of the following releases: Rel-8 (Release 8) Rel-9 (Release 9) Rel-10 (Release 10) Rel-11 (Release 11) … Rel-17 (Release 17) Rel-18 (Release 18) Rel-19 (Release 19)  Rel-20 (Release 20)* | |
|  |  | | | | | | | | | |
| ***Reason for change:*** | | Change 1: Based on the approved applicable scenarios for R19 ATG, the intra-band CA is only restricted to intra-band contiguous CA. Furthermore, only a single SCell is allowed for R19 ATG.  Change 2: Only one SCell is allowed for R19 ATG. For the interruption of SCell activation/deactivation, the case of intra-band CA is missing.  Change 3: Only one SCell is allowed for R19 ATG. | | | | | | | | |
|  | |  | | | | | | | | |
| ***Summary of change:*** | | Change 1: Based on the approved applicable scenarios for R19 ATG, the intra-band CA is only restricted to intra-band contiguous CA. Furthermore, only a single SCell is allowed for R19 ATG.  Change 2: Only one SCell is allowed for R19 ATG. For the interruption of SCell activation/deactivation, the case of intra-band CA is missing.  Change 3: Only one SCell is allowed for R19 ATG. | | | | | | | | |
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| ***Consequences if not approved:*** | | The applicability of R19 ATG is not accurate. The requirements of interruption is not accurate. | | | | | | | | |
|  | |  | | | | | | | | |
| ***Clauses affected:*** | | 3.6.16, 8.2D.1.2.1, 8.2D.1.2.2, 8.2D.1.2.5.1 | | | | | | | | |
|  | |  | | | | | | | | |
|  | | **Y** | **N** |  | | | |  | | |
| ***Other specs*** | |  | **X** | Other core specifications | | | | TS/TR ... CR ... | | |
| ***affected:*** | | **X** |  | Test specifications | | | | TS 38.533 | | |
| ***(show related CRs)*** | |  | **X** | O&M Specifications | | | | TS/TR ... CR ... | | |
|  | |  | | | | | | | | |
| ***Other comments:*** | |  | | | | | | | | |
|  | |  | | | | | | | | |
| ***This CR's revision history:*** | |  | | | | | | | | |

# <Start of Change #1>

### 3.6.16 Applicability of requirements for ATG

The requirements in ATG specific clauses apply to an ATG UE operating in FR1 NR SA including co-located contiguous intra-band DL CA and co-located inter-band DL CA operation mode with only a single SCell at an altitude of at-least 3km.

# <End of Change #1>

# <Start of Change #2>

8.2D.1.2.5 Interruptions due to SCell dormancy

8.2D.1.2.5.1 Interruptions due to SCell dormancy switch

When one SCell is switched from dormancy to non-dormancy or from non-dormancy to dormancy [7] when ATG UE is in DRX active time,

- the ATG UE is allowed an interruption on PCell as defined in clause 8.2D.1.2.7, except that the interruption is allowed regardless of which parameters change between the dormant BWP and the non-dormant BWP and,

- The starting time of interruption shall be within the dormancy switching delay as defined in clause 8.6D.2.

# <End of Change #2>

# <Start of Change #3>

8.2D.1.2.5 Interruptions due to SCell dormancy

8.2D.1.2.5.1 Interruptions due to SCell dormancy switch

When one SCell is switched from dormancy to non-dormancy or from non-dormancy to dormancy [7] when ATG UE is in DRX active time,

- the ATG UE is allowed an interruption on PCell as defined in clause 8.2D.1.2.7, except that the interruption is allowed regardless of which parameters change between the dormant BWP and the non-dormant BWP and,

- The starting time of interruption shall be within the dormancy switching delay as defined in clause 8.6D.2.

# <End of Change #3>