**3GPP TSG-RAN5 Meeting #108 *R5-25XXXX***

**Bengaluru, IN, Aug 25 - 29, 2025**

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| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| *CR-Form-v12.3* | | | | | | | | |
| **CHANGE REQUEST** | | | | | | | | |
|  | | | | | | | | |
|  | **38.523-2** | **CR** | **XXXX** | **rev** | **-** | **Current version:** | **19.1.2** |  |
|  | | | | | | | | |
| *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 |  | Radio Access Network |  | Core Network |  |

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | | | | | | | | | | |
| ***Title:*** | Remove applicability for NR IDC TC 8.2.6.5.1 | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Source to WG:*** | CMCC | | | | | | | | | |
| ***Source to TSG:*** | R5 | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Work item code:*** | NR\_IDC\_enh-UEConTest | | | | |  | ***Date:*** | | | 2025-08-20 |
|  |  | | | |  | |  | | |  |
| ***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:*** | | R18 IDC test case 8.2.6.5.1 is removed in 38.523-1, thus relevant applicability definition needs to be removed in 38.523-2. | | | | | | | | |
|  | |  | | | | | | | | |
| ***Summary of change:*** | | Applicability of following test case is removed in table 4.1-3a  - TC 8.2.6.5.1 UE Assistance Information / IDC / FDM assistance configuration / NR-DC | | | | | | | | |
|  | |  | | | | | | | | |
| ***Consequences if not approved:*** | | Test case applicability not used | | | | | | | | |
|  | |  | | | | | | | | |
| ***Clauses affected:*** | | 4.1, 4.2 | | | | | | | | |
|  | |  | | | | | | | | |
|  | | **Y** | **N** |  | | | |  | | |
| ***Other specs*** | |  | **X** | Other core specifications | | | | TS/TR ... CR ... | | |
| ***affected:*** | | **X** |  | Test specifications | | | | TS/TR 38.523-1 CR 5052 | | |
| ***(show related CRs)*** | |  | **X** | O&M Specifications | | | | TS/TR ... CR ... | | |
|  | |  | | | | | | | | |
| ***Other comments:*** | |  | | | | | | | | |
|  | |  | | | | | | | | |
| ***This CR's revision history:*** | |  | | | | | | | | |

<Start of modified section>

## 4.1 Protocol conformance test cases applicability

**< Unchanged sections omitted >**

Table 4.1-3a: Applicability of Protocol conformance RRC test cases, ref. TS 38.523-1 [2]

| Clause | TC Title | Release | Applicability Condition | Applicability Comment |
| --- | --- | --- | --- | --- |
| 8 | RRC |  |  |  |
| 8.1 | NR RRC |  |  |  |
| 8.1.1 | RRC connection management procedures |  |  |  |
| 8.1.1.1 | Paging |  |  |  |
| 8.1.1.1.1 | RRC / Paging for connection / Multiple paging records | Rel-15 | C21 | UEs supporting 5G Core |
| 8.1.1.1.2 | RRC / Paging for connection / Shared network environment | Rel-15 | C21 | UEs supporting 5G Core |
| 8.1.1.1a | Paging Early Indication and Subgrouping |  |  |  |
| 8.1.1.1a.1 | Paging Early Indication with Subgrouping / RRC\_IDLE / lastUsedCellOnly not configured / Subgroup ID selection | Rel-17 | C224 | UEs supporting 5G Core and PEI |
| 8.1.1.1a.2 | Paging Early Indication with Subgrouping / RRC\_INACTIVE / lastUsedCellOnly configured | Rel-17 | C239 | UEs supporting 5G Core and RRC\_INACTIVE and PEI |
| 8.1.1.1a.3 | Paging Early Indication without Subgrouping / RRC\_IDLE | Rel-17 | C224 | UEs supporting 5G Core and PEI |
| 8.1.1.2 | RRC connection establishment |  |  |  |
| 8.1.1.2.1 | RRC connection establishment / Return to idle state after T300 expiry | Rel-15 | C21 | UEs supporting 5G Core |
| 8.1.1.2.2 | Void |  |  |  |
| 8.1.1.2.3 | RRC connection establishment / RRC Reject with wait time | Rel-15 | C21 | UEs supporting 5G Core |
| 8.1.1.2.4 | RRC connection establishment / Extended value, spare fields and non-critical extensions in SI | Rel-15 to Rel-17 only | C21 | UEs supporting 5G Core |
| ...... | | | | |
| 8.2.6.4 | UPIP / RRC connection |  |  |  |
| 8.2.6.4.1 | UPIP / RRC connection establishment / Success / Reception of SecurityModeCommand by the UE | Rel-17 | C286 | UEs supporting EN-DC and user plane integrity protection with EPS |
| 8.2.6.4.2 | UPIP / RRC connection re-establishment / Reception of the RRCConnection Reestablishment by UE | Rel-17 | C286 | UEs supporting EN-DC and user plane integrity protection with EPS |
| 8.2.6.4.3 | UPIP / RRC connection reconfiguration / Handover / Success / Reception of RRCConnctionReconfiguration including mobilityControlInfo by UE | Rel-17 | C286 | UEs supporting EN-DC and user plane integrity protection with EPS |
| 8.2.6.4.4 | UPIP / Inter-RAT mobility - Handover to E-UTRA - Reception of RRCConnection Reconfiguration by UE | Rel-17 | C286 | UEs supporting EN-DC and user plane integrity protection with EPS |
| 8.2.6.5 | UE Assistance Information |  |  |  |
| 8.2.6.5.1 | Void |  |  |  |

**< Unchanged sections omitted >**

## 4.2 Protocol conformance test cases applicability conditions

Table 4.2-1: Applicability of Protocol conformance test cases Conditions

| Condition | Test case Selection Expression | Comment |
| --- | --- | --- |
| C01 | IF A.4.1-3/2 THEN R ELSE N/A | UEs supporting EN-DC |
| C02 | IF A.4.3.4-1/2 OR A.4.3.4-1/3 THEN R ELSE N/A | UEs supporting 5GS and RLC UM Mode |
| C03 | IF A.4.3.5-1/1 THEN R ELSE N/A | UEs supporting 5GS and Long DRX Cycle |
| C04 | IF A.4.3.5-1/2 THEN R ELSE N/A | UEs supporting 5GS and short DRX cycle |
| C05 | IF A.4.3.4-1/3 THEN R ELSE N/A | UEs supporting 5GS and RLC UM with 6-bit length of RLC sequence number |
| C06 | IF A.4.3.4-1/2 THEN R ELSE N/A | UEs supporting 5GS and RLC UM with 12-bit length of RLC sequence number |
| ...... | | |
| C420 | IF A.4.1-5/1 AND A.4.4-1/17 AND A.4.3.7-1/74 THEN R ELSE N/A | UEs supporting 5G Core and NR NTN access and soft satellite switch with re-sync |
| C421 | IF A.4.1-5/1 AND A.4.3.5-1/1 AND A.4.3.2-1/175 AND A.4.3.2-1/178 AND A.4.3.2-1/182 AND A.4.3.6-1/102 THEN R ELSE N/A | UEs supporting 5G Core and long DRX cycle and unified TCI with joint DL/UL TCI-state indication and MAC-CE activated joint LTM TCI states and UE-based TA measurement by indicating the maximum number of candidate cells that the UE maintains the TA for and RACH-Less LTM with dynamic grant |
| C422 | Void |  |
| C423 | IF A.4.1-5/1 AND A.4.3.7-1/65 THEN R ELSE N/A | UEs supporting 5G Core and ATG |

<End of modified section>