3GPP TSG-RAN2 Meeting #115-e R2-210xxxx

e-Meeting, 16th – 27th August 2021 Revision of R2-2108954

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| --- |
| *CR-Form-v12.1* |
| **CHANGE REQUEST** |
|  |
|  | **38.305** | **CR** | **0079** | **rev** | **2** | **Current version:** | **15.8.0** |  |
|  |
| *For* [***HE******LP***](http://www.3gpp.org/3G_Specs/CRs.htm#_blank)*on using this form: comprehensive instructions can be found at* [*http://www.3gpp.org/Change-Requests*](http://www.3gpp.org/Change-Requests)*.* |
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| ***Proposed change affects:*** | UICC apps |  | ME |  | Radio Access Network | **X** | Core Network |  |

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|  |
| ***Title:***  | Correction for Role of gNB for positioning in release-15 |
|  |  |
| ***Source to WG:*** | Ericsson  |
| ***Source to TSG:*** | R2 |
|  |  |
| ***Work item code:*** | NR\_newRAT-Core |  | ***Date:*** | 2021-08-06 |
|  |  |  |  |  |
| ***Category:*** | **F** |  | ***Release:*** | Rel-15 |
|  | *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 canbe 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-15 (Release 15)Rel-16 (Release 16)Rel-17 (Release 17)Rel-18 (Release 18)* |
|  |  |
| ***Reason for change:*** | Rel-15 NR Positioning measurements configuration or obtaining measurement reports from UE are only supported by ng-eNB but not by gNB. The gNB may only provide the serving cell ID of the target UE but it has no role in providing any measurement configuration or obtaining any measurements from target cell/UE. This has caused some confusion for example in the scope of ECID. Hence a general correction and clarification have been done.Impacted 5G architecture options:NR SA, NE-DC Impacted functionality:Rel-15 gNB support for location informationInter-operability:No Inter-Operability issue seen. |
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| ***Summary of change:*** | The description of the roles of gNB have been updated. |
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| ***Consequences if not approved:*** | Unlcear scope and role of gNB |
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| ***Clauses affected:*** | 5.4.2 |
|  |  |
|  | **Y** | **N** |  |  |
| ***Other specs*** |  | **x** |  Other core specifications  | TS/TR ... CR ...  |
| ***affected:*** |  | **x** |  Test specifications | TS/TR ... CR ...  |
| ***(show related CRs)*** |  | **x** |  O&M Specifications | TS/TR ... CR ...  |
|  |  |
| ***Other comments:*** |  |
|  |  |
| ***This CR's revision history:*** |  |

**START OF CHANGES**

### 5.4.2 gNB

The gNB is a network element of NG-RAN that may provide information such as serving cell ID of a target UE and communicates this information to an LMF.

NOTE: gNB based measurements for position estimate are not supported in this version of the specification.

**END OF CHANGES**