**3GPP TSG-RAN WG2 Meeting #112-e *R2-2010853***

**Electronic, 2 – 13 November 2020**

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| *CR-Form-v12.0* |
| **CHANGE REQUEST** |
|  |
|  | **38.300** | **CR** | 0331 | **rev** | **-** | **Current version:** | **16.3.0** |  |
|  |
| *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 | **X** | Radio Access Network | **X** | Core Network |  |

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| ***Title:***  | Update the deployment scenarios in Annex B.3 |
|  |  |
| ***Source to WG:*** | Intel Corporation |
| ***Source to TSG:*** | R2 |
|  |  |
| ***Work item code:*** | NR\_unlic-Core |  | ***Date:*** | 2020-11-14 |
|  |  |  |  |  |
| ***Category:*** | **F** |  | ***Release:*** | Rel-16 |
|  | *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-12 (Release 12)**Rel-13 (Release 13)Rel-14 (Release 14)Rel-15 (Release 15)Rel-16 (Release 16)* |
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| ***Reason for change:*** | RAN2 receives a LS (R1-2011120\_R1-2009586) from RAN1 requesting RAN2 to update Annex B.3 of TS38.300 to update the deployment scenario, as RAN1 has defined basic feature groups according to NR-U deployment scenarios in TS38.300 |
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| ***Summary of change:*** | Update the deployment scenarios in Annex B.3 of TS38.300 as per requested by RAN1.**Impact analysis**Impacted 5G architecture option:NR-SA, (NG)EN-DC and NR-DCImpacted functionality: Shared spectrum operation Inter-operability:There are no interoperability issues. |
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| ***Consequences if not approved:*** | The deployment scenario specified in TS38.306 is not completely specified for specifying the basic feature groups for NR-u. |
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| ***Clauses affected:*** | B.3 |
|  |  |
|  | **Y** | **N** |  |  |
| ***Other specs*** | **X** |  |  Other core specifications  | TS38.306 CR0422  |
| ***affected:*** |  | **X** |  Test specifications | TS/TR ... CR ...  |
| ***(show related CRs)*** |  | **X** |  O&M Specifications | TS/TR ... CR ...  |
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| ***Other comments:*** |  |
|  |  |
| ***This CR's revision history:*** |  |

*Start of changes*

# B.3 NR Operation with Shared Spectrum

NR Radio Access operating with shared spectrum channel access can support the following deployment scenarios:

- Scenario A: Carrier aggregation between NR in licensed spectrum (PCell) and NR in shared spectrum (SCell);

o Scenario A.1: SCell is not configured with uplink (DL only).

o Scenario A.2: SCell is configured with uplink (DL+UL).

- Scenario B: Dual connectivity between LTE in licensed spectrum and NR in shared spectrum (PSCell);

- Scenario C: NR in shared spectrum (PCell);

- Scenario D: NR cell in shared spectrum and uplink in licensed spectrum;

- Scenario E: Dual connectivity between NR in licensed spectrum (PCell) and NR in shared spectrum (PSCell).

Carrier aggregation of cells in shared spectrum is applicable to all deployment scenarios.

*End of changes*