**3GPP TSG-RAN4 Meeting #95-e *R4-2007840***

**Electronic Meeting, 25 May – 5 June, 2020**

|  |
| --- |
| *CR-Form-v12.0* |
| **CHANGE REQUEST** |
|  |
|  | **38.133** | **CR** | 0845 | **rev** | **1** | **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)*.* |
|  |

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| ***Proposed change affects:*** | UICC apps |  | ME | **X** | Radio Access Network |  | Core Network |  |

|  |
| --- |
|  |
| ***Title:***  | CR on interruption requirements for SCell dormancy |
|  |  |
| ***Source to WG:*** | Huawei, HiSilicon |
| ***Source to TSG:*** | R4 |
|  |  |
| ***Work item code:*** | LTE\_NR\_DC\_CA\_enh-Core |  | ***Date:*** | 2020-05-11 |
|  |  |  |  |  |
| ***Category:*** | **B** |  | ***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)* |
|  |  |
| ***Reason for change:*** | The requirement on switching interruption between SCell dormancy and non-dormancy is missing. |
|  |  |
| ***Summary of change:*** | Add interruption requirements for switching between SCell dormancy and non-dormancy. |
|  |  |
| ***Consequences if not approved:*** | No interruption requirements for switching between SCell dormancy and non-dormancy |
|  |  |
| ***Clauses affected:*** | New sections 8.2.1.2.X, 8.2.2.2.Y, 8.2.3.2.Z, 8.2.4.2.A |
|  |  |
|  | **Y** | **N** |  |  |
| ***Other specs*** |  |  |  Other core specifications  | TS/TR ... CR ...  |
| ***affected:*** |  |  |  Test specifications | TS/TR ... CR ...  |
| ***(show related CRs)*** |  |  |  O&M Specifications | TS/TR ... CR ...  |
|  |  |
| ***Other comments:*** |  |
|  |  |
| ***This CR's revision history:*** |  |

<Start of Change 1>

##### 8.2.1.2.X Interruptions due to SCell dormancy

8.2.1.2.X.1 Interruptions due to SCell dormancy switch

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

- the UE is allowed an interruption on any active serving cell in SCG as defined in clause 8.2.1.2.7, except that the interruption is allowed regardless of which parameters change between the dormant BWP and the non-dormant BWP

8.2.1.2.X.2 Interruptions due to CQI measurements during SCell dormancy

8.2.1.2.X.3 Interruptions due to RRM measurements during SCell dormancy

<End of Change 1>

<Start of Change 2>

##### 8.2.2.2.Y Interruptions due to SCell dormancy

8.2.2.2.Y.1 Interruptions due to SCell dormancy switch

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

- the UE is allowed an interruption on any active serving cell in SCG as defined in clause 8.2.2.2.5, except that the interruption is allowed regardless of which parameters change between the dormant BWP and the non-dormant BWP

8.2.2.2.Y.2 Interruptions due to CQI measurements during SCell dormancy

8.2.2.2.Y.3 Interruptions due to RRM measurements during SCell dormancy

<End of Change 2>

<Start of Change 3>

##### 8.2.3.2.Z Interruptions due to SCell dormancy

8.2.3.2.Z.1 Interruptions due to SCell dormancy switch

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

- the UE is allowed an interruption on any active serving cell in SCG as defined in clause 8.2.3.2.7, except that the interruption is allowed regardless of which parameters change between the dormant BWP and the non-dormant BWP

8.2.3.2.Z.2 Interruptions due to CQI measurements during SCell dormancy

8.2.3.2.Z.3 Interruptions due to RRM measurements during SCell dormancy

<End of Change 3>

<Start of Change 4>

##### 8.2.4.2.A Interruptions due to SCell dormancy

8.2.4.2.A.1 Interruptions due to SCell dormancy switch

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

- the UE is allowed an interruption on any active serving cell in SCG as defined in clause 8.2.4.2.5, except that the interruption is allowed regardless of which parameters change between the dormant BWP and the non-dormant BWP

8.2.4.2.A.2 Interruptions due to CQI measurements during SCell dormancy

8.2.4.2.A.3 Interruptions due to RRM measurements during SCell dormancy

<End of Change 4>