**3GPP TSG RAN WG1 Meeting #108-e R1-20xxxx**

**e-Meeting, February 21th – March 3th, 2022**

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| *CR-Form-v12.0* |
| **DRAFT CHANGE REQUEST** |
|  |
|  | **36.213** | **CR** |  | **rev** |  | **Current version:** | **17.0.0** |  |
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| *For* ***[HE](http://www.3gpp.org/3G_Specs/CRs.htm%22%20%5Cl%20%22_blank)******[LP](http://www.3gpp.org/3G_Specs/CRs.htm%22%20%5Cl%20%22_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 | **x** | Core Network |  |

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| ***Title:***  | Clarification on PDSCH scheduling delay for 14-HARQ processes |
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| ***Source to WG:*** | ZTE, Sanechips, Ericsson |
| ***Source to TSG:*** | R1 |
|  |  |
| ***Work item code:*** | NB\_IOTenh4\_LTE\_eMTC6-Core |  | ***Date:*** | 2022-03-02 |
|  |  |  |  |  |
| ***Category:*** | F |  | ***Release:*** | Rel-17 |
|  | *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:*** | The definition of PDSCH scheduling delay in TS36.213 clause 7.1.11 refers to TS 36.212 currently. However, there is no definition for PDSCH scheduling delay in TS 36.212 and the value *j* for PDSCH scheduling delay actually refer to the PDSCH scheduling delay option in TS 36.212. |
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| ***Summary of change:*** | The value of PDSCH scheduling delay options rather than the value of PDSCH delay is defined in TS 36.212. The description of “PDSCH scheduling delay” in TS 36.213 should be modified as “PDSCH scheduling delay option” |
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| ***Consequences if not approved:*** | Current description in TS 36.213 causes UE can not correctly refer to the PDSCH scheduling delay option and obtain the actual PDSCH scheduling delay. |
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| ***Clauses affected:*** | 7.1.11 |
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|  | **Y** | **N** |  |  |
| ***Other specs*** |  | **X** |  Other core specifications  |  |
| ***affected:*** |  | **X** |  Test specifications |  |
| ***(show related CRs)*** |  | **X** |  O&M Specifications |  |
|  |  |
| ***Other comments:*** |  |
|  |  |
| ***This CR's revision history:*** |  |

### 7.1.11 PDSCH subframe assignment for BL/CE UE

### < Unchanged parts are omitted >

A BL/CE UE shall upon detection of a MPDCCH with DCI format 6-1A/6-1B/6-2 intended for the UE, decode the corresponding PDSCH in subframe(s) *n+ki* with *i = 0, 1, …, NTBN-1* according to the MPDCCH, where

- subframe *n* is the last subframe in which the MPDCCH is transmitted and is determined from the starting subframe of MPDCCH transmission and the DCI subframe repetition number field in the corresponding DCI;

- the value of is the number of scheduled TB determined in the corresponding DCI if present, otherwise;

- the value of  is determined by the repetition number field in the corresponding DCI, where  are given in Table 7.1.11-1, Table 7.1.11-2 and Table 7.1.11-3, respectively

- if the UE is configured with higher layer parameter *multiTB-Gap* and the PDSCH corresponds to an MPDCCH with DCI CRC scrambled by G-RNTI,

- subframe(s) *ni* = *n+ki* with *i=0,1,…, NTBN-1* are *NTBN* BL/CE DL subframe(s), where, subframe *n+x* is the second BL/CE DL subframe after subframe *n*, and for $i=1,…,N×N\_{TB}−1$, subframe $n\_{i}$ is the first BL/CE DL subframe after subframe $n\_{i−1}+N\_{gap}×δ(i mod N)$, where $N\_{gap}$ is given by higher layer parameter *multiTB-Gap*, and $δ\left(d\right)=\left\{\begin{matrix}1, d=0\\0,d\ne 0\end{matrix}\right.$.

- otherwise,

- subframe(s) *ni* = *n+ki* with *i=0,1,…, NTBN-1* are *NTBN* consecutive BL/CE DL subframe(s), where , and subframe *n+x* is the *j*th BL/CE DL subframe after subframe *n*, and *j* is given by the value of the PDSCH scheduling delay option as defined in [4] if the UE is configured with CEModeA and 'PDSCH scheduling delay and HARQ-ACK delay for 14 HARQ' field is present in the corresponding DCI, *j*=2 otherwise.

### < Unchanged parts are omitted >