**3GPP TSG RAN WG1 #121** **R1-25xxxxx**

St Julian’s, Malta, May 19th – 23rd, 2025

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| *CR-Form-v12.2* |
| **DRAFT CHANGE REQUEST** |
|  |
|  | **38.213** | **CR** |  | **rev** |  | **Current version:** | **18.6.0** |  |
|  |
| *For* [***HELP***](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:***  | Rel-18 editorial corrections for TS 38.213 |
|  |  |
| ***Source to WG:*** | Samsung |
| ***Source to TSG:*** | R1 |
|  |  |
| ***Work item code:*** | NR\_cov\_enh2-Core |  | ***Date:*** | 2025-05-26 |
|  |  |  |  |  |
| ***Category:*** | F |  | ***Release:*** | Rel-18 |
|  | *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-16 (Release 16)Rel-17 (Release 17)Rel-18 (Release 18)Rel-19 (Release 19)* |
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| ***Reason for change:*** | 1. Ambiguous conditions when a UE transmits less than $N\_{preamble}^{rep}$ preamble repetitions of a PRACH transmission in Clause 7.4.
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| ***Summary of change:*** | 1. Have separate paragraph for the case when a UE transmits less than $N\_{preamble}^{rep}$ preamble repetitions of a PRACH transmission to avoid ambiguity of conditions in Clause 7.4.
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| ***Consequences if not approved:*** | Ambiguous/incomplete specifications. |
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| ***Clauses affected:*** | 7.4 |
|  |  |
|  | **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:*** |  |

\*\*\* Unchanged text is omitted \*\*\*

## 7.4 Physical random access channel

\*\*\* Unchanged text is omitted \*\*\*

If due to power allocation to PUSCH/PUCCH/PRACH/SRS transmissions as described in clause 7.5, or due to power allocation in EN-DC or NE-DC or NR-DC operation, or due to slot format determination as described in clause 11.1, or due to the PUSCH/PUCCH/PRACH/SRS transmission occasions are in the same slot or the gap between a PRACH transmission and PUSCH/PUCCH/SRS transmission is small as described in clause 8.1, or due to DAPS operation as described in clause 15, or due to HD-UE operation in paired spectrum as described in clause 17.2, the UE does not transmit a PRACH in a transmission occasion, or does not transmit any of $N\_{preamble}^{rep}$ preamble repetitions of a PRACH as described in Clause 8.1, Layer 1 notifies higher layers to suspend the corresponding power ramping counter.

If due to power allocation to PUSCH/PUCCH/PRACH/SRS transmissions as described in clause 7.5, or due to power allocation in EN-DC or NE-DC or NR-DC operation, the UE transmits a PRACH with reduced power in a transmission occasion, or transmits one or more of $N\_{preamble}^{rep}$ preamble repetitions of a PRACH with reduced power, Layer 1 may notify higher layers to suspend the corresponding power ramping counter.

If the UE transmits less than $N\_{preamble}^{rep}$ preamble repetitions of a PRACH, Layer 1 may notify higher layers to suspend the corresponding power ramping counter.

\*\*\* unchanged text omitted \*\*\*