**3GPP TSG- Meeting # *511263***

**Bangaluru, India August 25th – August 29th, 2025**

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| *CR-Form-v12.3* |
| **CHANGE REQUEST** |
|  |
|  |  | **CR** | **-** | **rev** | **-** | **Current version:** |  |  |
|  |
| *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 |  | Core Network |  |

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|  |
| ***Title:***  | **Draft CR on A-IoT random access** |
|  |  |
| ***Source to WG:*** | Ericsson |
| ***Source to TSG:*** |  |
|  |  |
| ***Work item code:*** | NR\_Ambient\_IoT\_Solutions |  | ***Date:*** | 2025-08-15 |
|  |  |  |  |  |
| ***Category:*** | B |  | ***Release:*** |  |
|  | *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-17 (Release 17)Rel-18 (Release 18)Rel-19 (Release 19) Rel-20 (Release 20)* |
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| ***Reason for change:*** | RAN2 defines random access procedure for A-IoT devices. The corresponding RAN4 requirements will be missing in the RAN4 specification. |
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| ***Summary of change:*** |  Adding description of random access requirements for A-IoT |
|  |  |
| ***Consequences if not approved:*** | The specification is incomplete |
|  |  |
| ***Clauses affected:*** | xxxx |
|  |  |
|  | **Y** | **N** |  |  |
| ***Other specs*** |  | **x** |  Other core specifications  | TS/TR ... CR ...  |
| ***affected:*** | **x** |  |  TBD | TBD  |
| ***(show related CRs)*** |  | **x** |  O&M Specifications | TS/TR ... CR ...  |
|  |  |
| ***Other comments:*** |  |
|  |  |
| ***This CR's revision history:*** |  |

**<Start of change 1>**

### 9.1.1 Introduction of random access

This clause contains requirements for A-IoT device(s) random access procedure. The random access procedure is specified in clause 5.3 of TS 38.391 [X], and the D2R physical layer transmission is specified in clause 6.1 of TS 38.291[X]. The requirements for the CBRA type procedure are described in clause 9.1.2, whereas the requirements for the CFRA type procedure are described in clause 9.1.3 of this specification.

**<End of change1>**