**3GPP TSG-SA5 Meeting #157 *S5-246229***

**Hyderabad, India, 14 - 18 October 2024**

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| *CR-Form-v12.1* | | | | | | | | |
| **CHANGE REQUEST** | | | | | | | | |
|  | | | | | | | | |
|  | **32.422** | **CR** | **0490** | **rev** | **1** | **Current version:** | **19.0.0** |  |
|  | | | | | | | | |
| *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 |  | Radio Access Network | **X** | Core Network | **X** |

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| ***Title:*** | Rel-19 CR 32.422 update measurement period description | | | | | | | | | |
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| ***Source to WG:*** | Huawei | | | | | | | | | |
| ***Source to TSG:*** | S5 | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Work item code:*** | TEI16 | | | | |  | ***Date:*** | | | 2024-09-30 |
|  |  | | | |  | |  | | |  |
| ***Category:*** | **A** |  | | | | | ***Release:*** | | | *Rel-19* |
|  | *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 can be 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-15 (Release 15) Rel-16 (Release 16) Rel-17 (Release 17) Rel-18 (Release 18)* | |
|  |  | | | | | | | | | |
| ***Reason for change:*** | | In clause 5.10.23 of TS 32.422, Measurement Period LTE is defined as measurement peroid used for M4 or M5.  In TS 28.622, measurementPeriodLTE is used to specify the collection period for M4 and M5.  In TS 36.413, in clause 9.2.1.81 MDT configuration, it contains M4 configuration and M5 configuration, which includes,   |  |  |  |  |  | | --- | --- | --- | --- | --- | | M4 Collection Period | M |  | ENUMERATED (ms1024, ms2048, ms5120, ms10240, min1, …) |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | | M5 Collection Period | M |  | ENUMERATED (ms1024, ms2048, ms5120, ms10240, min1, …) |  |   Observation: the description of Measurement Period LTE in TS 32.422 is not align with other specification (e.g., TS 28.622, TS 36.413) | | | | | | | | |
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| ***Summary of change:*** | | Update the definition of Measurement Period LTE in TS 32.422. | | | | | | | | |
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| ***Consequences if not approved:*** | | May lead to misunderstand that Measurement Period LTE as defined in OAM (e.g.,TS 32.422) is not the same as Collection Period used in S1 interface. | | | | | | | | |
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| ***Clauses affected:*** | | 5.10.23 | | | | | | | | |
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|  | | **Y** | **N** |  | | | |  | | |
| ***Other specs*** | |  | **x** | Other core specifications | | | | TS/TR ... CR ... | | |
| ***affected:*** | |  | **x** | Test specifications | | | | TS/TR ... CR ... | | |
| ***(show related CRs)*** | |  | **x** | O&M Specifications | | | | TS/TR ... CR ... | | |
|  | |  | | | | | | | | |
| ***Other comments:*** | |  | | | | | | | | |
|  | |  | | | | | | | | |
| ***This CR's revision history:*** | | Revision of S5-245455 | | | | | | | | |

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| **1st Change** |

### 5.10.23 Measurement Period LTE

This parameter is mandatory if the Job Type is set to Immediate MDT or Immediate MDT and Trace and either the bit 4 or bit 5 of list of measurements parameter in LTE (M4 or M5) is set to 1.

This measurement parameter is used to specify the collection period that should be used for the Data Volume and Scheduled IP Throughput measurements made by the eNB. The same collection period should be used for the UL and DL.

This parameter is an enumerated type with the following values (detailed definition is in 3GPP TS 36.413 [36]):

- 1024 ms (0),

- 2048 ms (2),

- 5120 ms (4),

- 10240 ms (5)

- 1 min (6).

Some values may not be always available e.g., due to the large amount of logging they would generate in a highly loaded network. The selection of a specific subset of supported values at the eNB is vendor-specific.

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| **End of Change** |