**3GPP TSG-SA5 Meeting #138eS5-214407**

**23 Aug - 31 Aug 2021**

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| *CR-Form-v11.4* |
| **CHANGE REQUEST** |
|  |
|  | **32.422** | **CR** | **0374** | **rev** | **2** | **Current version:** | **17.3.0** |  |
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| *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 |  | Radio Access Network | **X** | Core Network | **X** |

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| ***Title:***  | Align RAN specification for MDT Event Threshold for SINR  |
|  |  |
| ***Source to WG:*** | Ericsson, Nokia |
| ***Source to TSG:*** | S5 |
|  |  |
| ***Work item code:*** | 5GMDT |  | ***Date:*** | 2021-08-27 |
|  |  |  |  |  |
| ***Category:*** | **A** |  | ***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:*** | To align the MDT event threshold definitions to those in other specifications. |
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| ***Summary of change:*** | Add the MDT event threshold for SINR trigger, and references to the specification. |
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| ***Consequences if not approved:*** | The event thresholds, with respect to SINR, will not be aligned across specifications. |
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| ***Clauses affected:*** | 5.10.7, 5.10.7a |
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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:*** |  |

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| **1st Modified Section** |

### 5.10.7 Event Threshold for Event A2

The parameter is mandatory if the report trigger parameter is configured for A2 event reporting or A2 event triggered periodic reporting and the job type parameter is configured for Immediate MDT or combined Immediate MDT and Trace.

For trigger quantity RSRP:

Detailed definition of the parameter for LTE is in TS 36.331 [32].

The parameter is an Integer number between 0-97.

Detailed definition of the parameter for NR is in TS 38.331 [43].

The parameter is an Integer number between 0-127.

For trigger quantity RSRQ:

Detailed definition of the parameter for LTE is in 3GPP TS 36.331 [32].

The parameter is an Integernumber between 0-34.

Detailed definition of the parameter for NR is in 3GPP TS 38.331 [43].

The parameter is an Integernumber between 0-127.

For trigger quantity SINR:

Detailed definition of the parameter for LTE is in 3GPP TS 36.331 [32]

The parameter is an Integer number between 0-127.

Detailed definition of the parameter for NR is in 3GPP TS 38.331 [43].

The parameter is an Integer number between 0-127

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| **2nd Modified Section** |

### 5.10.7a Void

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| **End of Modified Section** |