**3GPP TSG-CT WG6 Meeting #111edraftC6-220253**

**E-Meeting, 17th – 20th May 2022**

**Source: Thales**

**Title: New WID on 5GS\_Ph1\_UEConTest – CT6 aspects of 5G System (Rel16)**

**Document for: Approval**

**Agenda Item: 7.13**

3GPP™ Work Item Description

Information on Work Items can be found at <http://www.3gpp.org/Work-Items>
See also the [3GPP Working Procedures](http://www.3gpp.org/specifications-groups/working-procedures), article 39 and the TSG Working Methods in [3GPP TR 21.900](http://www.3gpp.org/ftp/Specs/html-info/21900.htm)

Title: UE Conformance Test Aspects – CT6 aspects of 5G System Phase 1 – Release 16

Acronym: 5GS\_Ph1\_UEConTest

Unique identifier: xxxxxx

Potential target Release: *Rel-16*

# 1 Impacts

{For Normative work, identify the anticipated impacts. For a Study, identify the scope of the study}

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Affects: | UICC apps | ME | AN | CN | Others (specify) |
| Yes | X | X | X | X |  |
| No |  |  |  |  |  |
| Don't know |  |  |  |  | X |

# 2 Classification of the Work Item and linked work items

## 2.1 Primary classification

### This work item is a …

|  |  |
| --- | --- |
|  | Feature |
| X | Building Block |
|  | *Work Task* |
|  | Study Item |

## 2.2 Parent Work Item

|  |
| --- |
| Parent Work / Study Items  |
| Acronym | Working Group | Unique ID | Title (as in 3GPP Work Plan) |
| 750025 |  | 750025 | CT aspects on 5G System - Phase 1 |

### 2.3 Other related Work Items and dependencies

|  |
| --- |
| Other related Work /Study Items (if any) |
| Unique ID | Title | Nature of relationship |
| 720005 | New Services and Markets Technology Enablers | Stage 1 requirements |
| 750016 | Security aspects of 5G System - Phase 1 | Security Architecture and Procedures for 5G System; TS 33.501 |

**Dependency on non-3GPP (draft) specification:**

N/A

# 3 Justification

CT6 will complete the work on WI - CT aspects on 5G System - Phase 1 for Rel-16

This work item is to fulfil the work task for ME Conformance testing for 5G-NR requirements defined for Rel-16.

# 4 Objective

The technical objective of this work item is to provide ME conformance test specifications for 5G-NR requirements in Rel-16. The WI will cover the following conformance testing areas:

* Non-IMSI based SUPI Type (NSI, GCI or GLI)
	+ Dedicated AID for USIM Applications with non-IMSI based SUPI Type
	+ Either IMSI or NSI requirement coming from SA3 (S3-194455)
	+ EFAD MNC zero length
* Handling subscription identifier privacy for SUPI Type NSI, GCI or GLI
	+ UE identification after SUPI is changed
	+ SUCI computation, null-scheme/Profile A/Profile B
		- by ME
		- by USIM
* URSP storage in USIM
* 5G Security Parameters extension
	+ Separate KSEAF for non-3GPP access on the USIM
* Storage of 5GMM information in USIM
	+ SOR counter and a UE parameter update counter
* Configuration in USIM
	+ PS Data Off list for home and roaming
	+ MuD and MiD services
	+ RLOS allowed MCC list
	+ V2X in 5GS
* Trusted non-3GPP access networks
	+ Trusted non-3GPP access networks list by USIM
	+ SUPI Type GLI and GCI
* NAS security context storage in multiple registration
* USAT evolution
	+ Network Measurement Results for NG-RAN USAT information
	+ PROVIDE LOCAL INFORMATION to get Slice(s) information

# 5 Expected Output and Time scale

|  |
| --- |
| New specifications {One line per specification. Create/delete lines as needed} |
| Type  | TS/TR number | Title | For info at TSG#  | For approval at TSG# | Rapporteur |
|  |  |  |  |  |  |

|  |
| --- |
| Impacted existing TS/TR {One line per specification. Create/delete lines as needed} |
| TS/TR No. | Description of change  | Target completion plenary# | Remarks |
| TS 31.121 | Test cases to cover new Release 16 features |  |  |
| TS 31.124 | Test cases to cover new Release 16 features |  |  |

# 6 Work item Rapporteur(s)

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# 7 Work item leadership

CT6

# 8 Aspects that involve other WGs

None

# 9 Supporting Individual Members

|  |
| --- |
| Supporting IM name |
| Thales |
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